Engineering Product Data

Single Package

(60Hz/R22)

6CUK2-05E

Replaces 6CUK2-05D

Introduction

Preface

Thank you very much for your special patronage of LG air conditioners.

LG’s "Roof Top or Single Package" is an ideal choice when we talk about high load applications.

As the name Roof Top signifies, this unit is generally installed on the top of the roof. Also the Single Package signifies that both condenser and evaporator are enclosed in a single body(same as window type). The unit is used along with ducts and has flexible air flow as per installation conditions. The air flow can be horizontal or vertically downward which offers wider flexibility in the field applications. This unit has two ranges as per capacity. The small ranges goes from 3 to 5 Tons where as the bigger range goes from 6.25 to 30 Tons.

Apart from common features, this unit offers some unique features like High & Low static driver kit, Oversize motor option, Manual Hood for fresh air intake, Compact design etc.

This unit is ideal for Single story and Double story houses as they offer high static.

With its easy installation and simple controlling system, this products is suitable for Factories, Shopping malls, Multiplex, Hotels etc.

A lot of information regarding the design & installation of this system is provided in this publication. This new products series contains data on the same pattern.

Please utilize all the information for conducting your business efficiently.

Make sure the specification, dimension or others technical data are same as provided in enginering data book before you start the project.

We look forward to your continuing support.

LG Electronics Inc.

Air Conditioning Division

Publication history

Pub. No.	Frequency	Category	Type	Product name	Refrigerant	Models	Notes	Published in
6CUK2-05D	60Hz	CAC	Single	Single Package	R22	3~5RT(10 SEER) 3~5RT(13 SEER) 6.25~25RT(GEN I) 6.25~30RT(GEN II)	New edition of EPDB	May.2006

Single Package

Introduction

CONTENTS

Part 1 3~5RT (10 SEER)

1. Model line up

1.1 Cooling Only

Nominal Capacity	Model		Power Supply
Ton	Refrigerant	Model Name	Ø, V, Hz
3	R22	LK-0329CH	1Ø, 220V, 60Hz
		LK-0329AH	
		LK-C0362HA0	
4		LK-0429CH	
		LK-0429AH	
		LK-04B0CH	3Ø, 220V, 60Hz
		LK-04B0AH	
		LK-C048BHA0	
		LK-C0482HA0	1Ø, 220V, 60Hz
		LK-C048BHA1	3Ø, 220V, 60Hz
5		LK-05B0CC	3Ø, 220V, 60Hz
		LK-0529CH	1Ø, 220V, 60Hz
		LK-0529AH	
		LK-C060BHA0	3Ø, 220V, 60Hz
		LK-C0602HA0	1Ø, 220V, 60Hz

1.2 Heat Pump

Nominal Capacity	Model		Power Supply
Ton	SEER	Model Name	Ø, V, Hz
5	10	LK-H0602H00	1Ø, 220V, 60Hz

2. Nomenclature

2.1 Indentification rule 1

LK-0423CH

Type of Flow	
C: Convertible	H: Horizontal

Model Type	
C: Cooling Only	A: Cooling Only + Gold Fin

Development Sequence

Electric Standard (Volts / Freq. / Phase)	
2 : 220V / 60Hz / 1ø	B : 220V / 60Hz / 3ø
9 : 380V / 60Hz / 3ø	

Cooling / Heating Capacity		
03 : 3 ton	04 : 4 ton	05 : 5 ton

Type of Air Conditioner
LK: LG Single Package Air Conditioner

2.2 Indentification rule 2

LK-C060BHA0

Development Sequence

SEER Grade		
Type \ SEER	10	11
MICOM Control	0	1
Mechanical Control	A	B

Type of Flow
H: Horizontal

Electric Standard (Volts / Freq. / Phase)	
B : 220V / 60Hz / 3ø	2 : 220V / 60Hz / 1ø

Cooling / Heating Capacity	
060 : 60,000 Btu/h	048 : 48,000 Btu/h
036 : 36,000 Btu/h	

Model Type	
C: Cooling Only	H: Heat Pump

Type of Air Conditioner
LK: LG Single Package Air Conditioner

3. Features & Benefits

Cooling & Fan Operation :

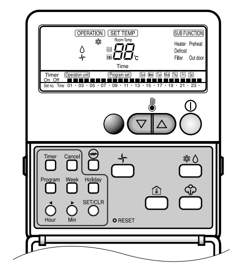
- LG air conditioners can provide cooling & fan operation. In the cooling mode, it cools the air with an operation range of 18~30°C. In the fan operation mode, only indoor fan at the selected speed will run, outdoor fan and compressor will be off.

Auto Restart Operation :

- Whenever there is electricity failure to the unit and after resumption of the power, unit will start in the same mode prior to the power failure. Memorized condition are on/off condition, operating mode (cooling/heating), set temperature and fan speed.

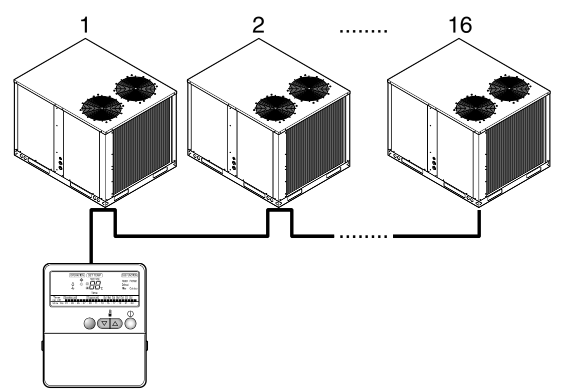
LCD Wired Remote Control:

- It can control all the functions of the unit. You can check/set temperature, change operation mode, set timer & also diagnose the error of the unit. It also has the option of weekly program.



Two Thermistor Control (Return Air Control):(Accessory)

- There may be a significant difference between the return air temperature in the duct and the room temperature. Return air sensing tempeaturee is designed to control temperature more accurately by applying additional thermistor which senses the return air temperature inside the duct specially.
  After selecting the duct thermistor, which is connected to the main PCB, the room temperature measurement by LCD wired remote control thermistor is neglected. It helps to control the room temperature more accurately.(Thermistor is a field-installed accessory)

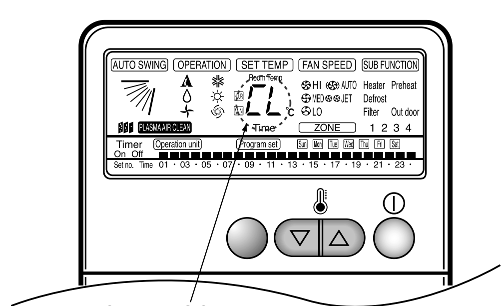


Group Control:

- It enables to control up to 16 units with the help of one wired Remote Controller. All units will follow same setting of temperature & other sub functions.

Child Lock Function :

- It prevents the children or others from tampering with the control buttons. Unit can be controlled by the wireless remote controller. This can be easily set by pressing timer key & Min key simultaneously. After child lock is set, pressing any key will display CL on the LCD for 3 seconds and all the keys are ineffective.

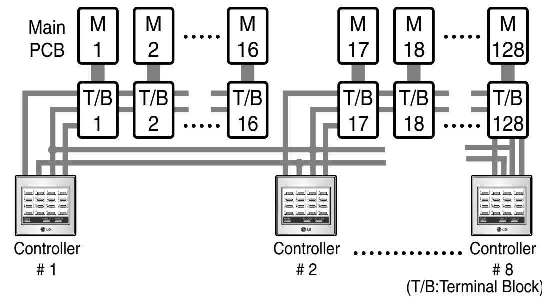


Self Diagnosis Function :

- This function provides diagnosis of the unit. An error code will be displayed on the LCD wired remote controller & diagnosis can be done as per the code indication. The same is also printed on key cover of the LCD wired remote controller.

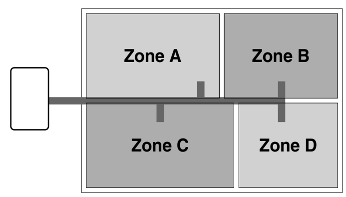
Central Control:(Accessory)

- It enables to control 16 x 8 = 128 units with the help of 8 controllers. All units can be put on/off from one central room. For setting temperature, fan speed and other sub functions, access the, respective LCD wired remote controller of each unit.



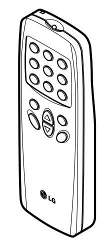
Zone Control:(Accessory)

- It controls the temperature of each zone. Opening or closing of the damper is controlled by sensing the temperature of each zone. In the cooling mode, if the temperature of a particular zone is lower than set temperature then the damper is closed. On the other hand, if the temperature of a particular zone is higher then the set temperature damper is open to provide cooling to the zone.



Wireless Remote Control:(Accessory)

- It provides ease of control.



Weekly Program

- It provides on/off schedule of opeation for a period on one week.

Electric Heater:(Accessory)

- Electric Heater can be used to provide heat in addition to cycle heat. It also provides quick heating. It can also work as a stand alone heater with only fan operation.

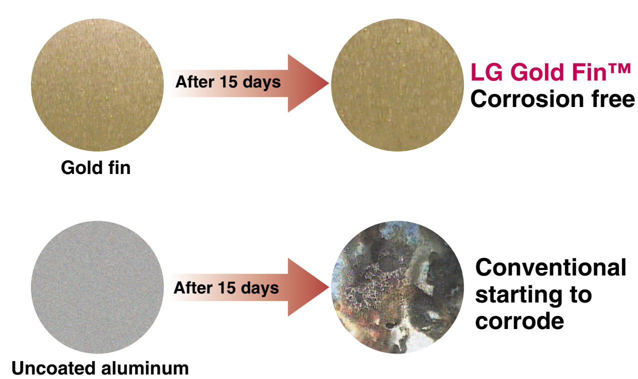
Fire Alarm Function

- By purchasing a fire alarm locally, installation of the fir alarm is possible. In case of any fire, alarm will aound and the unit will be completely stopped.

Energy Saving Gold Fin:(Optional)

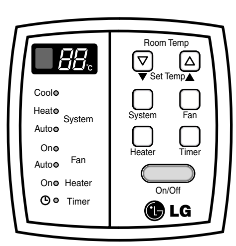
- Single Package Heat Exchanger fins are coated with anticorrosive & hydrophilic layers. It prevents the corrosion of heat exchanger. Fins remain as new even after long time of operation and maintains efficiency of heat exchanger constant. It also saves Power & Maintenance Cost.

[Salt spray test for 15 days]



Electronic Thermostat : (Accessory)

- It provides on/off timer up to 8 hours. Also self-diagnose the problem.



4. List of functions

Features \ Model No.	LK-0329AH	LK-0429AH	LK-0529AH
Cooling & Fan Operation	O	O	O
Time Delay Safety Function	O	O	O
Electronic Thermostat	Accessory	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory	Accessory
Electric Heater	Accessory	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional	Optional

Features \ Model No.	LK-0329CH	LK-0429CH	LK-0529CH
Cooling & Fan Operation	O	O	O
Time Delay Safety Function	O	O	O
Electronic Thermostat	Accessory	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory	Accessory
Electric Heater	Accessory	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional	Optional

Features \ Model No.	LK-05B0CC	LK-0529A(C)H
Cooling & Fan Operation	O	O
Time Delay Safety Function	O	O
Electronic Thermostat	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory
Electric Heater	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional

Notes:
- O: Basic
- Optional: Factory-installed
- Accessory: Field-installed

Features \ Model No.	LK-C0362HA0	LK-C0482HA0	LK-C048BHA0
LCD Wired Remote Control	-	-	-
Group Control	-	-	-
Two Thermistor Control	-	-	-
Time Delay Safety Function	O	O	O
Central Control	-	-	-
Zone Control	-	-	-
Wireless Remote Control	Accessory	Accessory	Accessory
Weekly Program	-	-	-
Electric Heater	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional	Optional
Tropical Cycle	Optional	Optional	Optional
High Pressure Switch	Optional	Optional	Optional

Features \ Model No.	LK-C0602HA0	LK-C060BHA0	LK-H0602H00
LCD Wired Remote Control	-	-	O
Group Control	-	-	O
Two Thermistor Control	-	-	Accessory
Time Delay Safety Function	O	O	O
Central Control	-	-	Accessory
Zone Control	-	-	Accessory
Wireless Remote Control	Accessory	Accessory	Accessory
Weekly Program	-	-	O
Electric Heater	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	-
Energy Saving Gold Fin	Optional	Optional	Optional
Tropical Cycle	Optional	Optional	Optional
High Pressure Switch	Optional	Optional	Optional

Notes:
- O : Basic
- Optional : Factory-installed
- Accessory : Field-installed
- - : Not available on this system

5. Specifications

	Nominal ton	(Ton)	3	3	4	4
Models			LK-0329A(C)H	LK-C0362HA0	LK-C0482HA0	LK-C048BHA1
Capacity	Gross Cooling Capacity	Btu/h	37,200	36,800	49,000	49,000
		kcal/h(W)	9,374(10,902)	9,072(10,550)	12,474(14,507)	12,474(14,507)
	Net Cooling Capacity	Btu/h	35,000	35,000	47,000	47,000
		kcal/h(W)	8,819(10,257)	8,819(10,257)	11,844(13,774)	11,844(13,774)
Electrical Data	Power Supply	V,PH,Hz	220,1, 60	220,1, 60	220,1, 60	220,3, 60
	M.C.A(with standard motor)	Amps	29.0	23.0	27.8	21.4
	Power Input	W	3,740	3,740	4,350	4,200
Performance	Air Circulation	CFM	1,200	1,200	1,600	1,600
	SEER	Btu/h W	10.0	10	10.0	10.0
	Sound Rating	Bell	7.9	7.9	7.9	7.9
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		2R/18FPI	2R/18FPI	3R/18FPI	3R/18FPI
	Length	inch	21 5/8	21 5/8	21 5/8	21 5/8
		mm	550	550	550	550
	Face Area	sq.ft	4.51	4.51	4.51	4.51
		m^2	0.42	0.42	0.42	0.42
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter/Width	inch	11(11)	11(11)	11 (11)	11 (11)
	Drive Type/Motor Step		Direct/3	Direct/3	Direct/3	Direct/3
	No.motors		1EA	1EA	1EA	1EA
	Motor Phase		1 Phase	1 Phase	1 Phase	1 Phase
	Motor output(standard/oversized)	Hp	0.3Hp/N.A	0.4Hp/1.0Hp	0.5Hp/1.0Hp	0.5Hp/1.0Hp
	Motor rpm(Standard/oversized)	rpm	1,080/N.A	1,080/1,500	1,080/1,500	1,080/1,500
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	1	1
	Model		SQ032KAA	SQ032KAA	SQ042KAA	SQ042RAA
	Maker		LG	LG	LG	LG
	Capacity	kcal/h(Btu/h)	8,191(32,500)	8,191(32,500)	10,206(40,500)	10,206(40,500)
	Motor type		PSC	1 Phase Induction	1 Phase Induction	3 Phase Induction
	Motor Input	W	2,955	2,955	3,750	3,716
	Oil Type		SONTEK 200LT	SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI
	Oil Charge	cc	1,100	1,100	1,100	1,200
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	9/32	9/32	9/32	9/32
		mm	7.00	7	7	7
	Row/FPI		1R/18FPI	1R/18FPI	2R/18FPI	2R/18FPI
	Length	inch	55 1/8	55 1/8	55 1/8	55 1/8
		mm	1,400	1,400	1,400	1,400
	Face Area	sq.ft	10.72	10.72	10.72	10.72
		m^2	1.00	1	1	1
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		1EA/22	1EA/22"	1EA/22"	1EA/22"
	Drive Type		Direct	Direct	Direct	Direct
	CFM		3,500	3,500	3,500	3,500
	Motor Phase		1 Phase	1 Phase	1 Phase	1 Phase
	No. Motor/Motor output(Hp)		1/0.33	1/0.33	1/0.33	1/0.33
	Motor RPM		1,060	1,040	1,040	1,040
Dehumidification Rate		l/h	3.5	3.2	4.2	4.2
Drain Connection Size		inch	3/4	3/4"	3/4"	3/4"
Refrigerant	Refrigerant Charge	kg	1.5	1.7	2.2	2
		lbs	3.31	3.75	4.85	4.45
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	43 3/8 * 28 9/16 * 32 11/16	43 3/4 * 32 7/16 * 28 29/32	43 3/4 * 32 7/16 * 28 29/32	43 3/4 * 32 7/16 * 28 29/32
		mm	1102*725*830	1,111*824*734	1,111*824*734	1,111*824*734
Net Weight		kg	110	110	120	120
		lbs	242.5	242.5	264.6	264.6
Stuffing Quantity	Without S/Parts	(20ft/10ft/40ft HI)	-/-/98	-/-/98	-/-/98	-/-/98

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB
2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed without notification.

	Nominal ton	(Ton)	**4**	**4**	**4**
Models			LK-0429A(C)H	LK-04B0A(C)H	LK-C048BHA0
Capacity	Gross Cooling Capacity	Btu/h	49,500	50,500	50500
		kcal/h(W)	12,474(14,507)	12,726(14,800)	12,726(14,800)
	Net Cooling Capacity	Btu/h	47,000	48,000	48000
		kcal/h(W)	11,844(13,774)	12,100(14,067)	12,100(14,067)
Electrical Data	Power Supply	V,PH,Hz	220,1, 60	220,3, 60	220,3, 60
	M.C.A(with standard motor)	Amps	31.0	31.0	31
	Power Input	W	4,320	5,220	5220
Performance	Air Circulation	CFM	1,600	1,600	1600
	SEER	Btu/h W	11.0	10.0	10
	Sound Rating	Bell	8.4	7.9	7.9
Indoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		3R/18FPI	3R/18FPI	3R/18FPI
	Length	inch	21 5/8	21 5/8	21 5/8
		mm	550	550	550
	Face Area	sq.ft	4.51	4.51	4.51
		m^2	0.42	0.42	0.42
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA
	Diameter/Width	inch	11 (11)	11 (11)	11 (11)
	Drive Type/Motor Step		Direct/3	Direct/3	Direct/3
	No.motors		1EA	1EA	1EA
	Motor Phase		1 Phase	1 Phase	1 Phase
	Motor output(standard/oversized)	Hp	0.5Hp/N.A	0.5Hp/N.A	0.5Hp/N.A
	Motor rpm(Standard/oversized)	rpm	1,090/N.A	1,090/N.A	1,090/N.A
Compressor	Type		Scroll	Reciprocating	Reciprocating
	Quantity		1	1	1
	Model		SQ042KAA	H23A463DBLA	H23A463DBLA
	Maker		LG	Bristol	Bristol
	Capacity	kcal/h(Btu/h)	10,206(40,500)	11,668(46,300)	11,668(46,300)
	Motor type		PSC	PSC	PSC
	Motor Input	W	3,750	4,430	4430
	Oil Type		SONTEK 200LT	SUNISO 3GS	SUNISO 3GS
	Oil Charge	cc	1,100	1,628	1628
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	9/32	9/32	9/32
		mm	7.00	7.00	7
	Row/FPI		2R/18FPI	2R/18FPI	2R/18FPI
	Length	inch	55 1/8	55 1/8	55 1/8
		mm	1,400	1,400	1400
	Face Area	sq.ft	10.72	10.72	10.72
		m^2	1.00	1.00	1
Outdoor Fan	Type		Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		1EA/22	1EA/22	1EA/22
	Drive Type		Direct	Direct	Direct
	CFM		3,500	3,500	3500
	Motor Phase		1 Phase	1 Phase	1 Phase
	No. Motor/Motor output(Hp)		1/0.33	1/0.33	1/0.33
	Motor RPM		1,060	1,060	1060
Dehumidification Rate		l/h	4.4	4.4	4.4
Drain Connection Size		inch	3/4	3/4	3/4
Refrigerant	Refrigerant Charge	kg	2.2	2.2	2.02
		lbs	4.85	4.85	4.45
		Type	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	43 3/8 * 28 9/16 * 32 11/16		43 3/8 * 28 9/16 * 32 11/16
		mm	1102*725*830	1102*725*830	1102*725*830
Net Weight		kg	120	120	120
		lbs	264.6	264.6	264.6
Stuffing Quantity	Without S/Parts	(20ft/10ft/40ft HI)	-/-/98	-/-/98	-/-/98

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB
2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed without notification.

	Nominal ton		(Ton)	5	5	5
Models				LK-C0602HA0	LK-C060BHA0	LK-H0602H00
Capacity	Gross Cooling Capacity		Btu/h	60,400	62,400	60,400
			kcal/h(W)	15,220(17,701)	15,725(18,288)	15,220(17,701)
	Net Cooling Capacity		Btu/h	58,000	60,000	58,000
			kcal/h(W)	14,617(16,998)	15,120(17,584)	14,617(16,998)
Heating Cacacity	Net Capacity		Btu/h	-	-	57,000
			kcal/h(W)	-	-	14,364(16,700)
Electrical Data	Power Supply		V,PH,Hz	220, 1, 60	220, 3, 60	220, 1, 60
	M.C.A (with standard motor)	Cooling	Amps	36.4	26.2	39.9
		Heating	Amps	-	-	39.9
	Power Input	Cooling	W	6,400	6,300	6,000
		Heating	W	-	-	5,600
Performance	Air Circulation		CFM	2,000	2,000	2,000
	SEER		Btu/h W	10	10	10
	Sound Rating		Bell	7.9	7.9	7.9
Indoor Coil	Type			High efficiency	High efficiency	High efficiency
	Tube size(O.D)		inch	3/8	3/8	3/8
			mm	9.52	9.52	9.52
	Row/FPI			3R/18FPI	3R/18FPI	3R/18FPI
	Length		inch	21 5/8	21 5/8	21 5/8
			mm	550	550	550
	Face Area		sq.ft	4.51	4.51	4.51
			m^2	0.42	0.42	0.42
Indoor Fan	Type			Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used			1EA	1EA	1EA
	Diameter/Width		inch	11 (11)	11 (11)	11 (11)
	Drive Type/Motor Step			Direct/3	Direct/3	Direct/3
	No.motors			1EA	1EA	1EA
	Motor Phase			1 Phase	1 Phase	1 Phase
	Motor output(standard/oversized)		Hp	0.5Hp/1.0Hp	0.5Hp/1.0Hp	0.5Hp/1.0Hp
	Motor rpm(Standard/oversized)		rpm	1,080/1,500	1,080/1,500	1,080/1,500
Compressor	Type			Scroll	Scroll	Scroll
	Quantity			1	1	1
	Model			SR057KAA	SR061RAA	SR061KAA
	Maker			LG	LG	LG
	Capacity		kcal/h(Btu/h)	14,619(58,000)	15,498(61,500)	15,627(62,000)
	Motor type			1 Phase Induction	3 Phase Induction	1 Phase Induction
	Motor Input		W	5,225	5,490	5,636
	Oil Type			SUNISO 4GS	SUNISO 4GS	SUNISO 4GS
	Oil Charge		cc	1,650	1,800	1,650
Outdoor Coil	Type			High efficiency	High efficiency	High efficiency
	Tube size(O.D)		inch	9/32	9/32	3/8
			mm	7	7	9.52
	Row/FPI			2R/18FPI	2R/18FPI	2R/18FPI
	Length		inch	55 1/8	55 1/8	55 1/8
			mm	1,400	1,400	1,400
	Face Area		sq.ft	10.72	10.72	10.72
			m^2	1	1	1
Outdoor Fan	Type			Propeller	Propeller	Propeller
	No. Used/Diameter(in.)			2EA/22"	2EA/22"	1EA/22"
	Drive Type			Direct	Direct	Direct
	CFM			3,500	3,500	3,500
	Motor Phase			1 Phase	1 Phase	1 Phase
	No. Motor/Motor output(Hp)			1/0.33	1/0.33	1/0.33
	Motor RPM			1,040	1,040	1,040
Dehumidification Rate			l/h	5.1	5.2	5.1
Drain Connection Size			inch	3/4"	3/4"	3/4
Refrigerant	Refrigerant Charge		kg	2.3	2.3	2.7
			lbs	5.07	5.11	6
			Type	R-22	R-22	R-22
	Refrigerant Control			Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)			inch	43 3/4 * 32 7/16 * 28 29/32	43 3/4 * 32 7/16 * 28 29/32	43 3/4 * 32 7/16 * 28 29/32
			mm	1111*824*734	1111*824*734	1111*824*734
Net Weight			kg	140	140	140
			lbs	308.6	308.6	308.6
Stuffing Quantity	Without S/Parts		(20ft/10ft/40ft HI)	-/-/98	-/-/98	-/-/98

Notes: 1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

Heating: - Indoor Temperature 21.1°C(70°F) DB / 15.6°C(60°F) WB
- Outdoor Temperature 8.3°C(47°F) DB / 6.1°C(43°F) WB

2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed with out notification.

	Nominal ton	(Ton)	**5**	**5**
Models			LK-05B0CC	LK-0529A(C)H
Capacity	Gross Cooling Capacity	Btu/h	66,000	60,700
		kcal/h(W)	16,633(19,343)	15,297(17,789)
	Net Cooling Capacity	Btu/h	61,500	58,000
		kcal/h(W)	15,499(18,024)	14,617(16,998)
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	220, 1, 60
	M.C.A(with standard motor)	Amps	29.3	48
	Power Input	W	6,400	6,000
Performance	Air Circulation	CFM	1,850	2,000
	SEER	Btu/h W	10	10
	Sound Rating	Bell	8.2	7.9
Indoor Coil	Type		High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8
		mm	9.52	9.52
	Row/FPI		3R/18FPI	3R/18FPI
	Length	inch	21 5/8	21 5/8
		mm	550	550
	Face Area	sq.ft	4.21	4.51
		m^2	0.39	0.42
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA
	Diameter/Width	inch	11 (11)	11 (11)
	Drive Type/Motor Step		Direct/3	Direct/3
	No.motors		1EA	1EA
	Motor Phase		1 Phase	1 Phase
	Motor output(standard/oversized)	Hp	0.75Hp / N.A	0.5Hp/N.A
	Motor rpm(Standard/oversized)	rpm	1,080 / N.A	1,120/N.A
Compressor	Type		Reciprocating	Scroll
	Quantity		1	1
	Model		H25A62QDBLA	H20R583ABCA
	Maker		Bristol	Bristol
	Capacity	kcal/h(Btu/h)	15,372(61,000)	14,466(57,400)
	Motor type		3 Phase Induction	PSC
	Motor Input	W	5375	5080
	Oil Type		SUNISO 3GS	SUNISO 3GS
	Oil Charge	cc	1922	1922
Outdoor Coil	Type		High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	9/32
		mm	9.52	7
	Row/FPI		2R/18FPI	2R/18FPI
	Length	inch	54 11/32	55 1/8
		mm	1380	1400
	Face Area	sq.ft	10.56	10.72
		m^2	0.98	1
Outdoor Fan	Type		Propeller	Propeller
	No. Used/Diameter(in.)		2EA/18	1EA/22
	Drive Type		Direct	Direct
	CFM		3,300	3,500
	Motor Phase		1 Phase	1 Phase
	No. Motor/Motor output(Hp)		2/0.15	1/0.33
	Motor RPM		1000	1060
Dehumidification Rate		l/h	6.1	6.1
Drain Connection Size		inch	3/4	3/4
Refrigerant	Refrigerant Charge	kg	3.1	2.4
		lbs	6.8	5.29
		Type	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	50 13/32 * 31 7/8 * 43 11/16	43 3/8 * 28 9/16 * 32 11/16
		mm	1280*810*1110	1102*725*830
Net Weight		kg	190	140
		lbs	419	308.6
Stuffing Quantity	Without S/Parts	(20ft/10ft/40ft HI)	16/36/54	-/-/98

Notes: 1. Capacities are based on the following conditions:

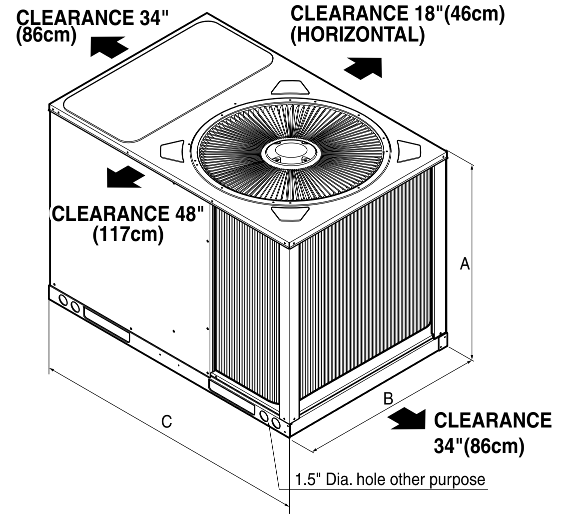
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

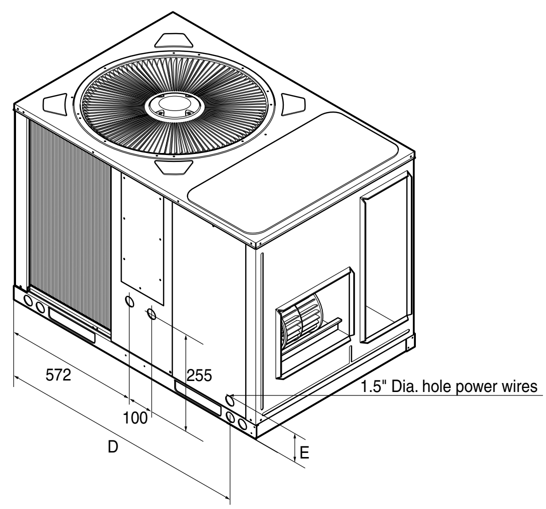
Heating: - Indoor Temperature 21.1°C(70°F) DB / 15.6°C(60°F) WB
- Outdoor Temperature 8.3°C(47°F) DB / 6.1°C(43°F) WB

2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed with out notification.

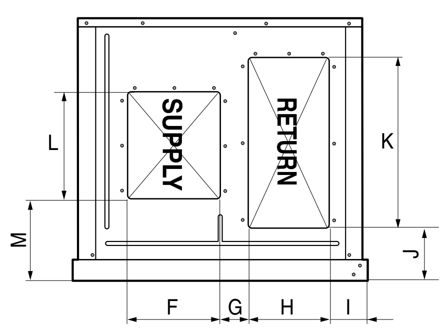
Model No.: LK-0329A(C)H/LK-0429A(C)H/LK-04B0A(C)H/LK-0529A(C)H/ LK-C048(060)BHA0

Dimension \ Unit	mm	inch
A	725	28.54
B	830	32.68
C	1102	43.39
D	1026	40.39
E	103	4.06





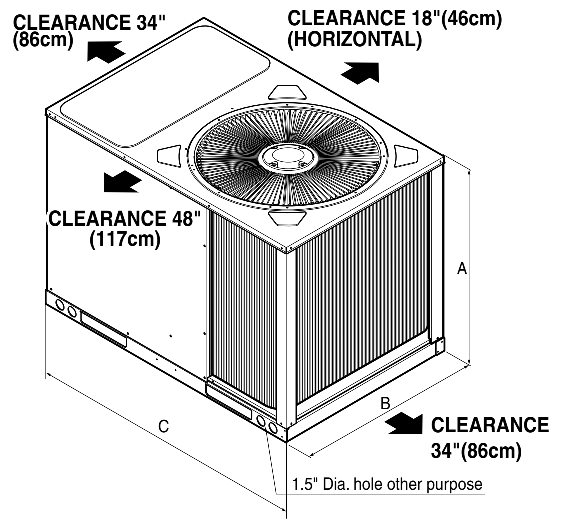
Dimension \ Unit	mm	inch
F	335	13.19
G	38	1.50
H	242	9.53
I	19	0.75
J	143	5.63
K	622	24.49
L	294	11.57
M	230	9.06



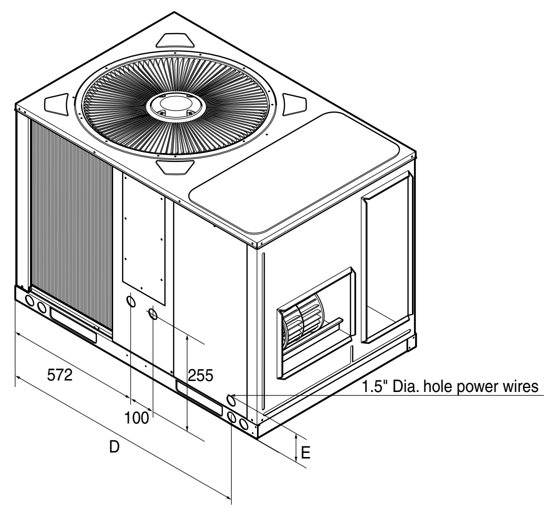
Horizontal Application Unit
(Rear view showing duct opening
for horizontal air flow)

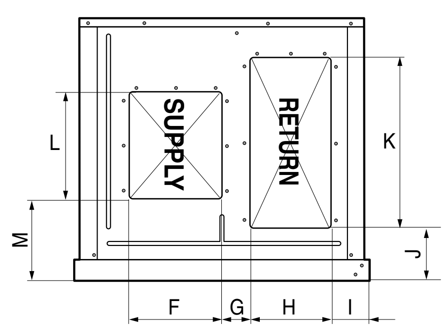
Model No.: LK-C036(048)2HA0/LK-H0602H00/LK-C0602HA0/LK-C048BHA1

Dimension \ Unit	mm	inch
A	824	32 7/16
B	734	28 29/32
C	1111	43 3/4
D	1026	40 3/8
E	90	3 9/16



Dimension \ Unit	mm	inch
F	333	13 1/8
G	40	1 9/16
H	240	9 7/16
I	30.15	1 3/16
J	142	5 9/16
K	620	24 3/8
L	292	11 1/2
M	351	13 7/8



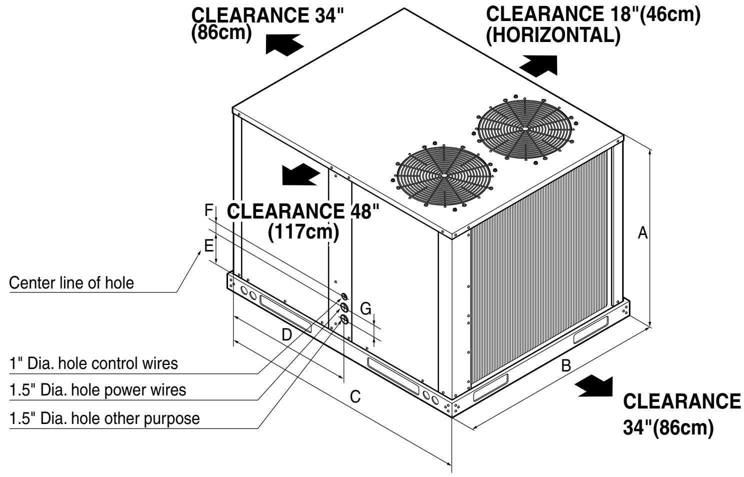


Horizontal Application Unit
(Rear view showing duct opening
for horizontal air flow)

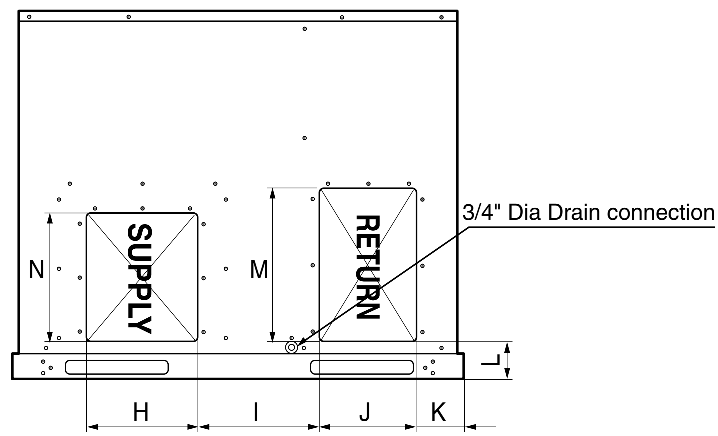
6. Dimensions

Model No.: LK-05B0CC

Unit / Dimension	mm	inch
A	810	31.89
B	1100	43.31
C	1280	50.39
D	749	29.49
E	245	9.65
F	60	2.36
G	70	2.76

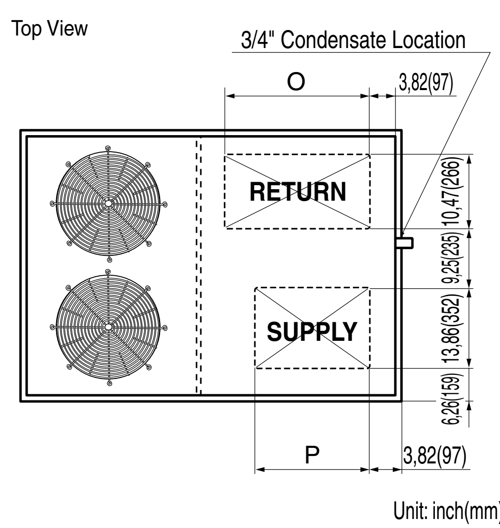


Unit / Dimension	mm	inch
H	352	13.86
I	234	9.21
J	266	10.47
K	98	3.86
L	110	4.33
M	496	19.53
N	366	14.41



Horizontal Applocation Unit
(Rear View Showing duct opening for horizontal air flow)

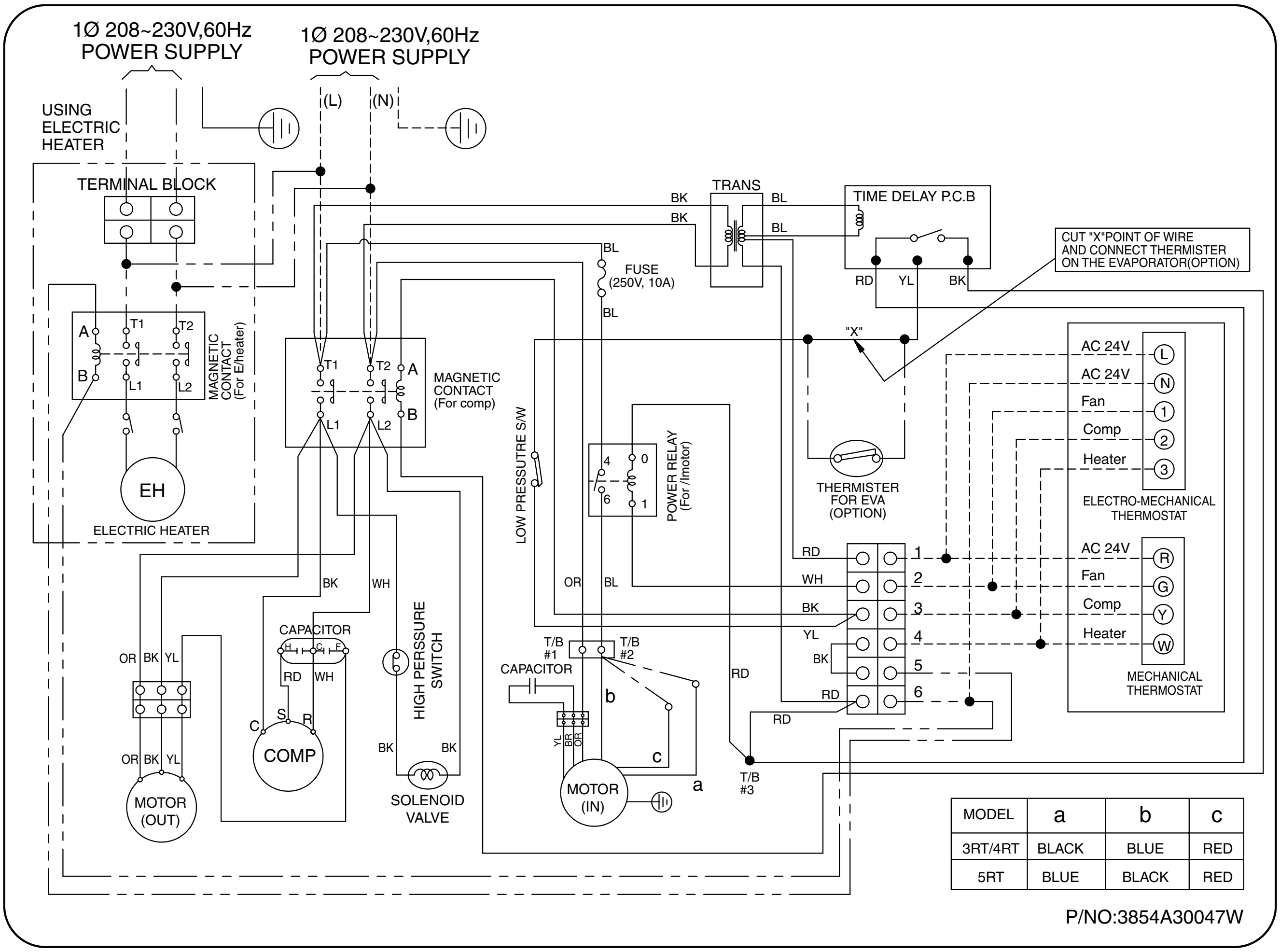
Unit / Dimension	mm	inch
O	496	19.53
P	366	14.41



Down Flow Application Unit

7. Wiring diagrams

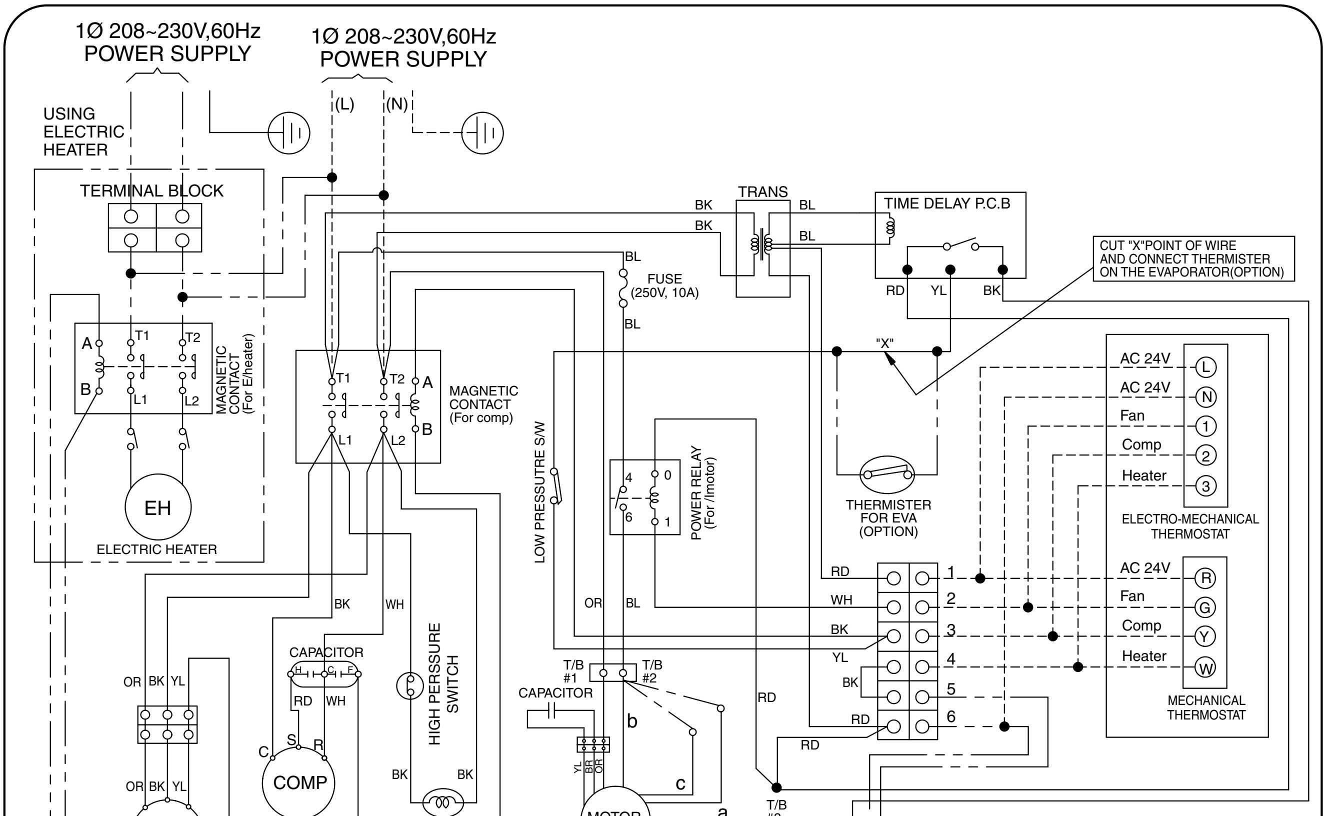
Model No.: LK-C036(048)2HA0



Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—-·-—	OPTIONAL WIRING	-------	FIELD WIRING

Model No.: LK-0329A(C)H/LK-0429A(C)H

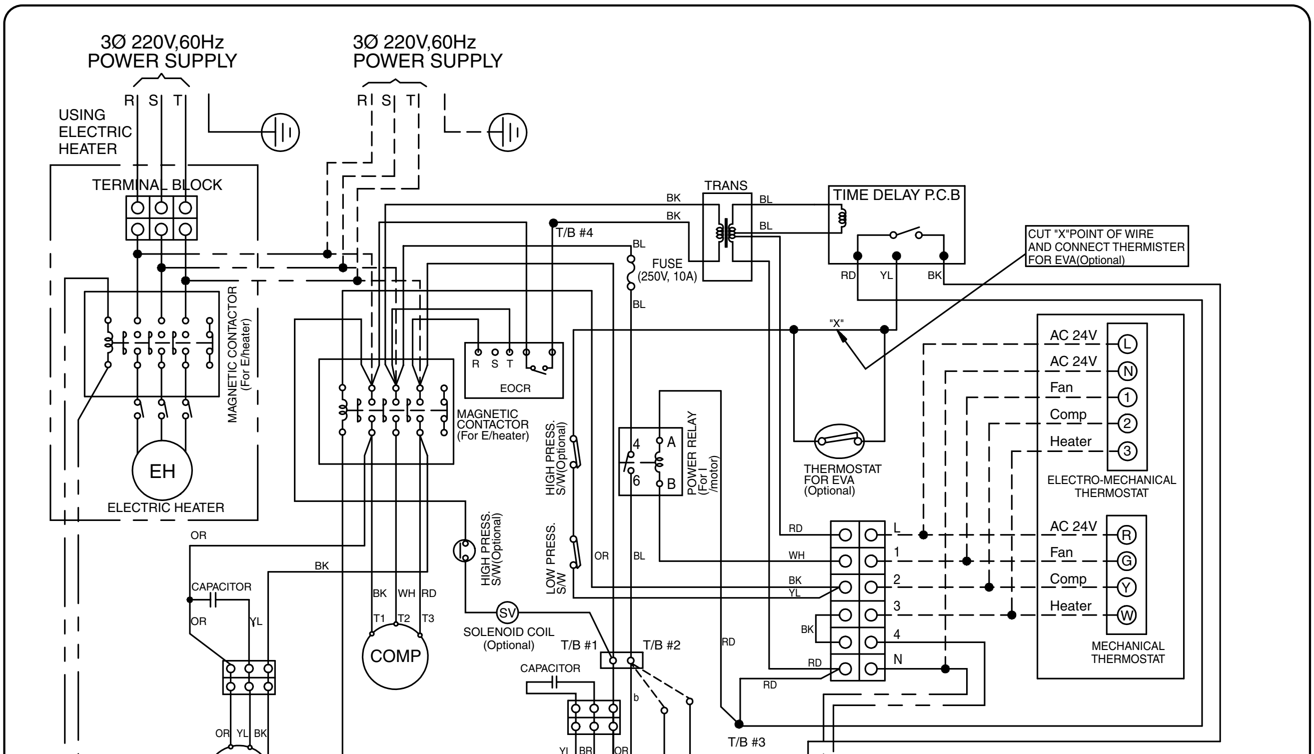


MODEL	a	b	c
3RT/4RT	BLACK	BLUE	RED
5RT	BLUE	BLACK	RED

Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—‑‑—	OPTIONAL WIRING	-------	FIELD WIRING

Model No.: LK-C048BHA1



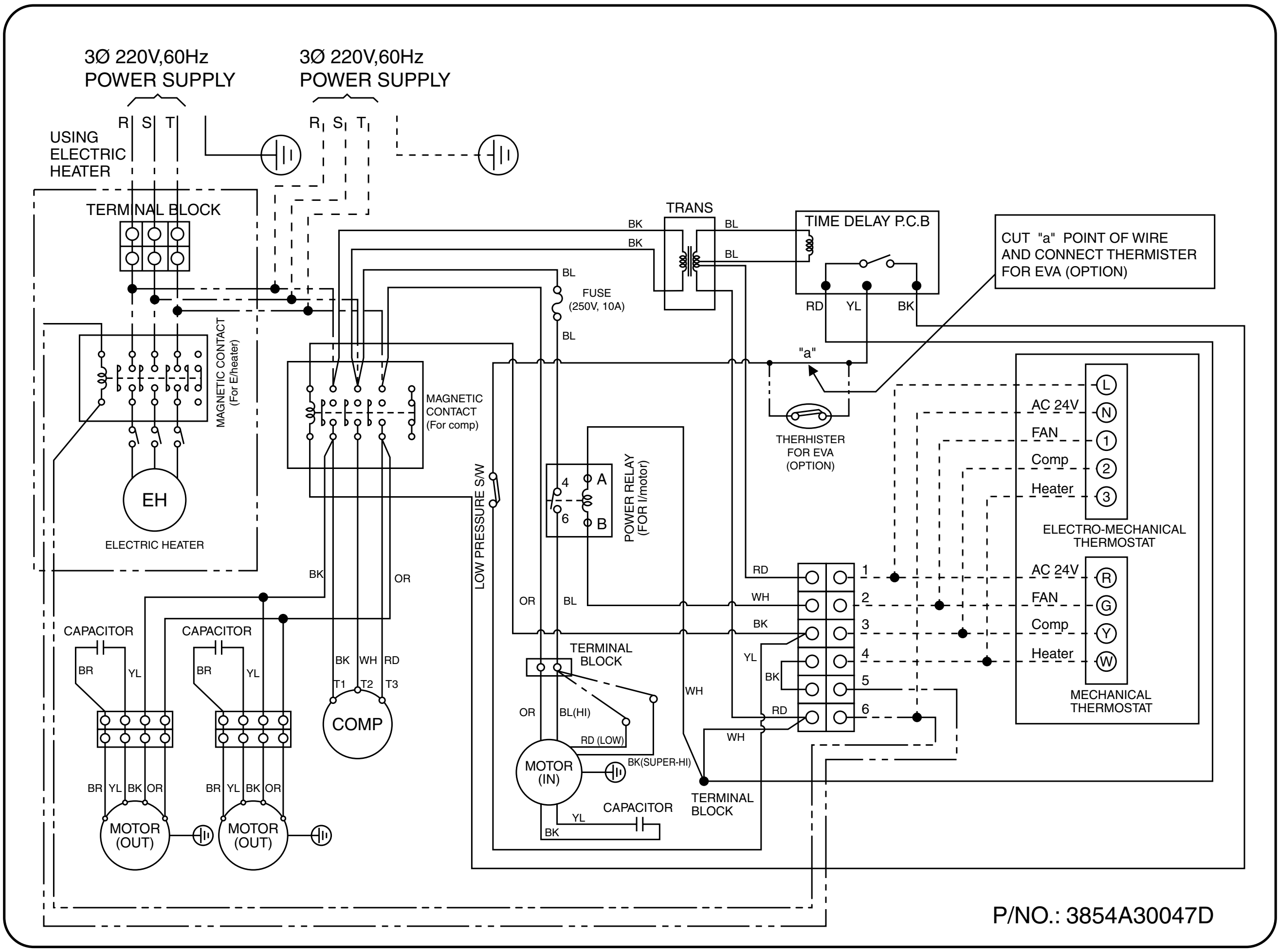
MODEL	a	b	c
3RT/4RT	BLACK	BLUE	RED
5RT	BLUE	BLACK	RED

P/NO : 3854A20098H

Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—- - —	OPTIONAL WIRING	-------	FIELD WIRING

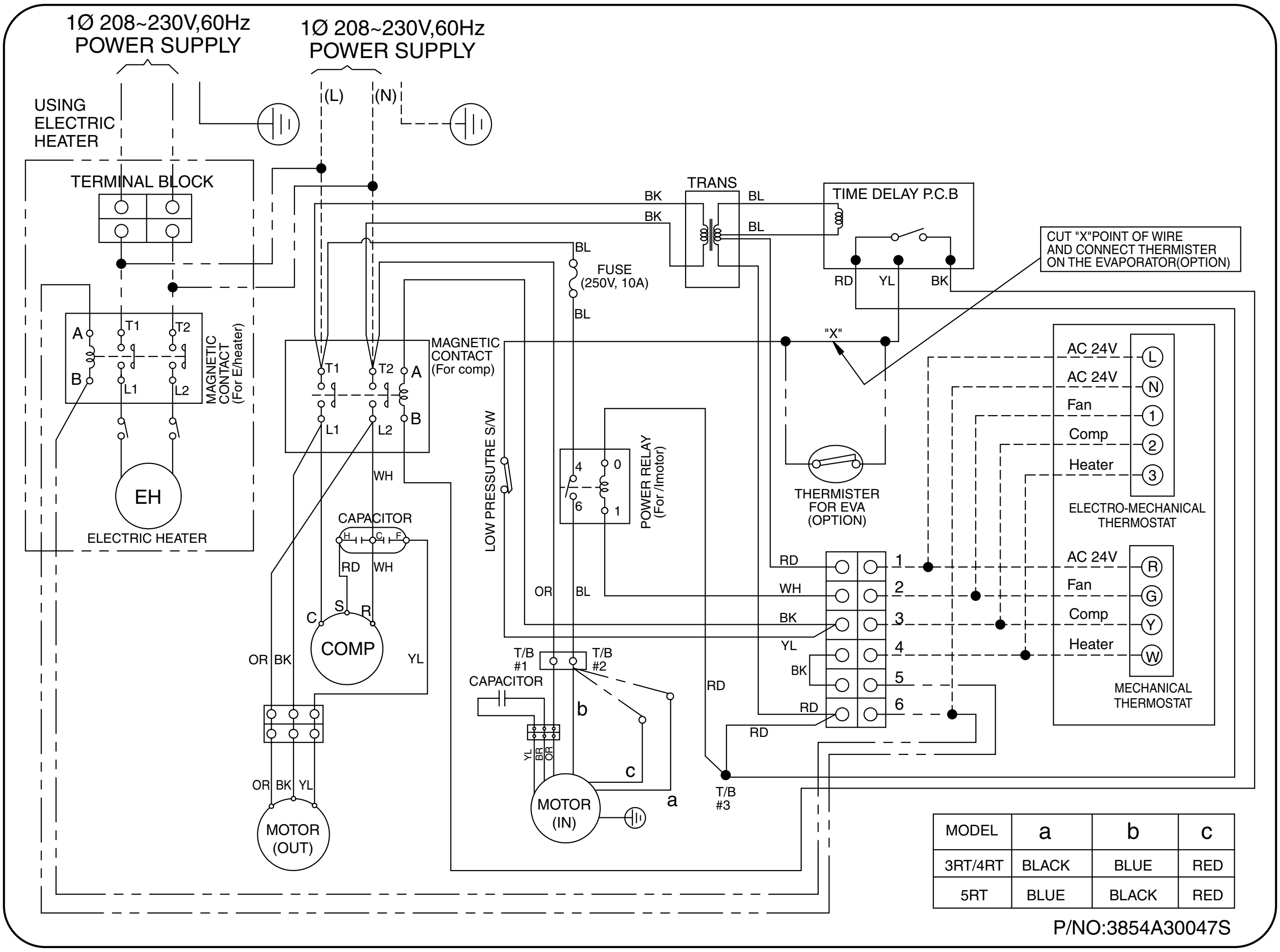
Model No.: LK-05B0CC



Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—-·-—	OPTIONAL WIRING	-------	FIELD WIRING

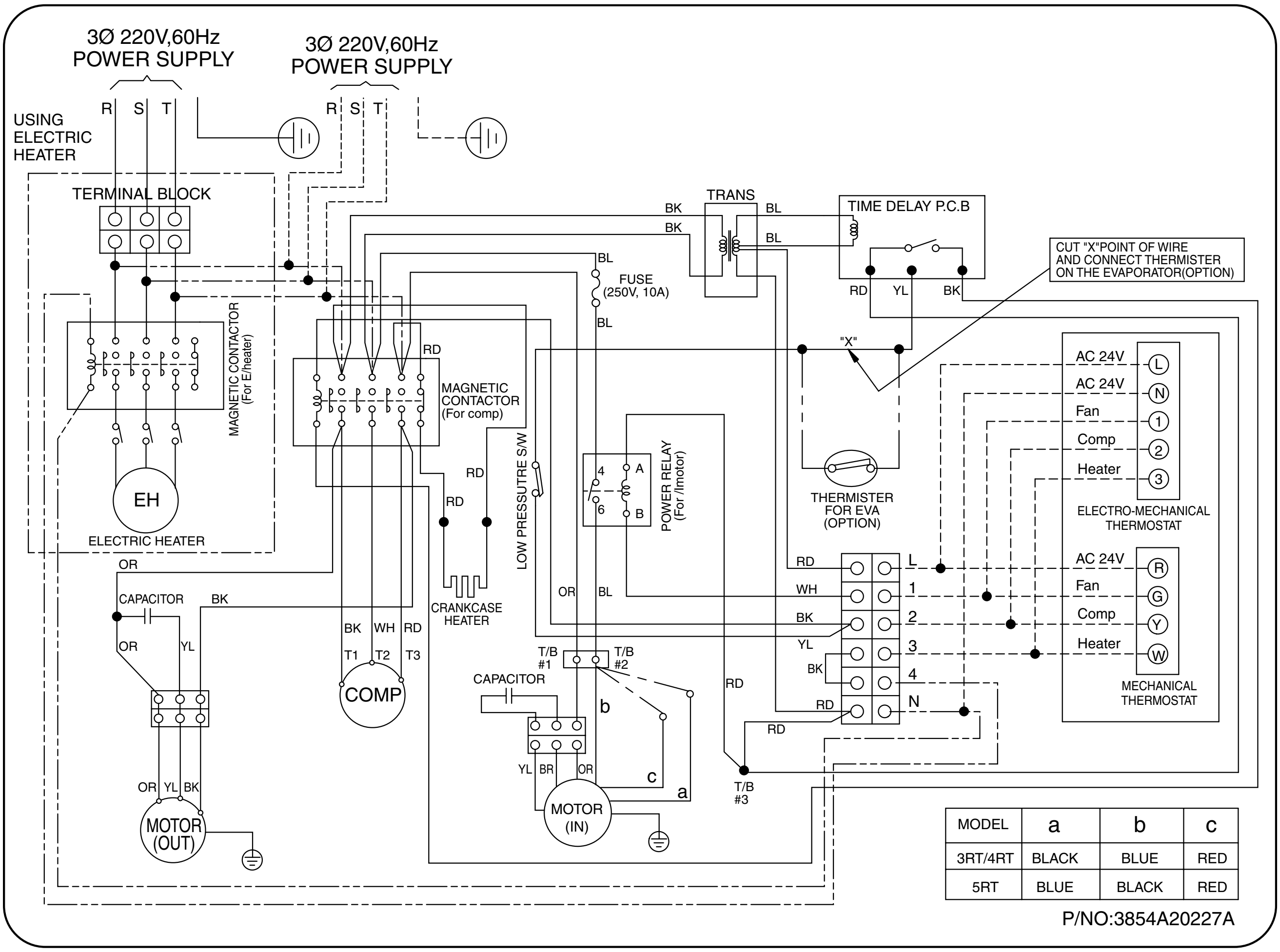
Model No.: LK-0529A(C)H



Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—-·-—	OPTIONAL WIRING	-------	FIELD WIRING

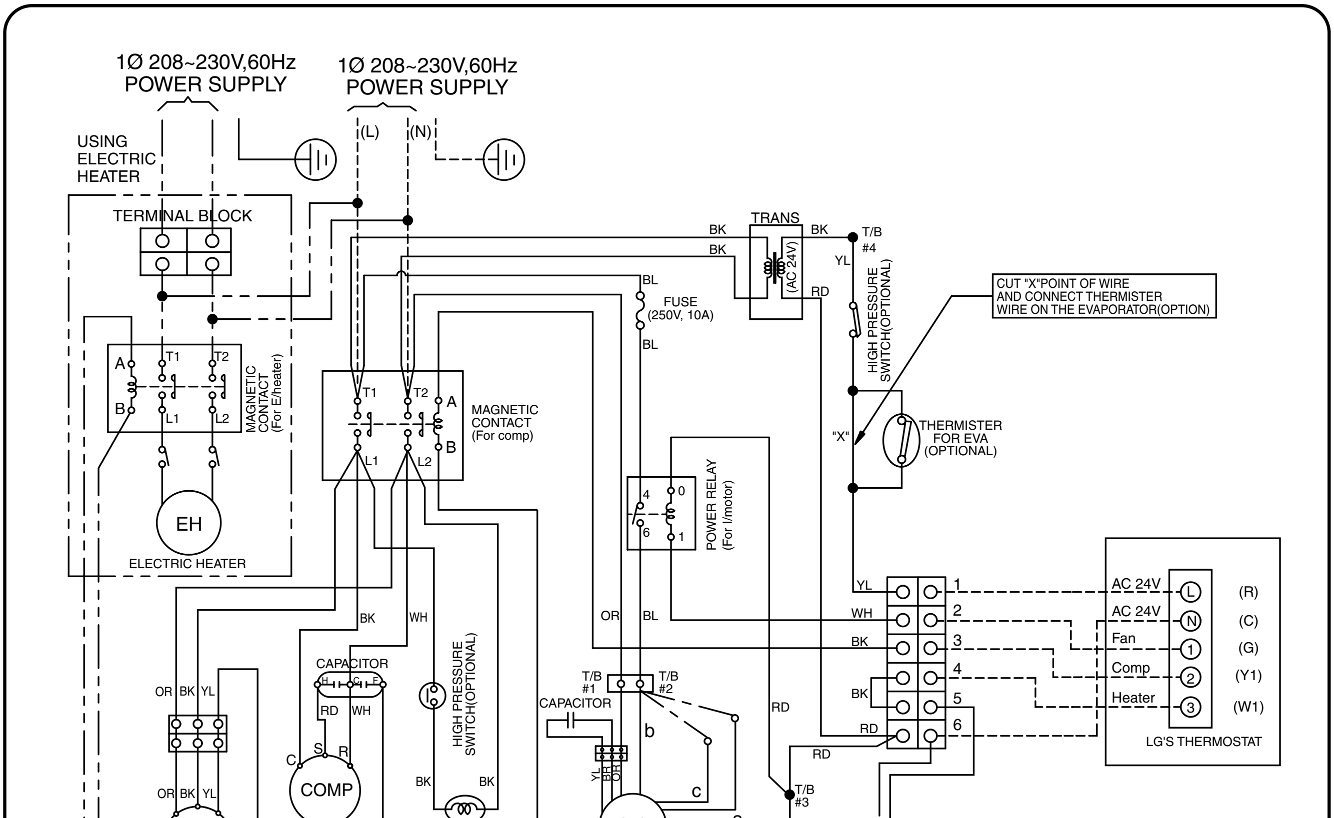
Model No.: LK-04B0A(C)H/LK-C048(060)BHA0



Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—-·-—	OPTIONAL WIRING	-------	FIELD WIRING

Model No.: LK-C0602HA0

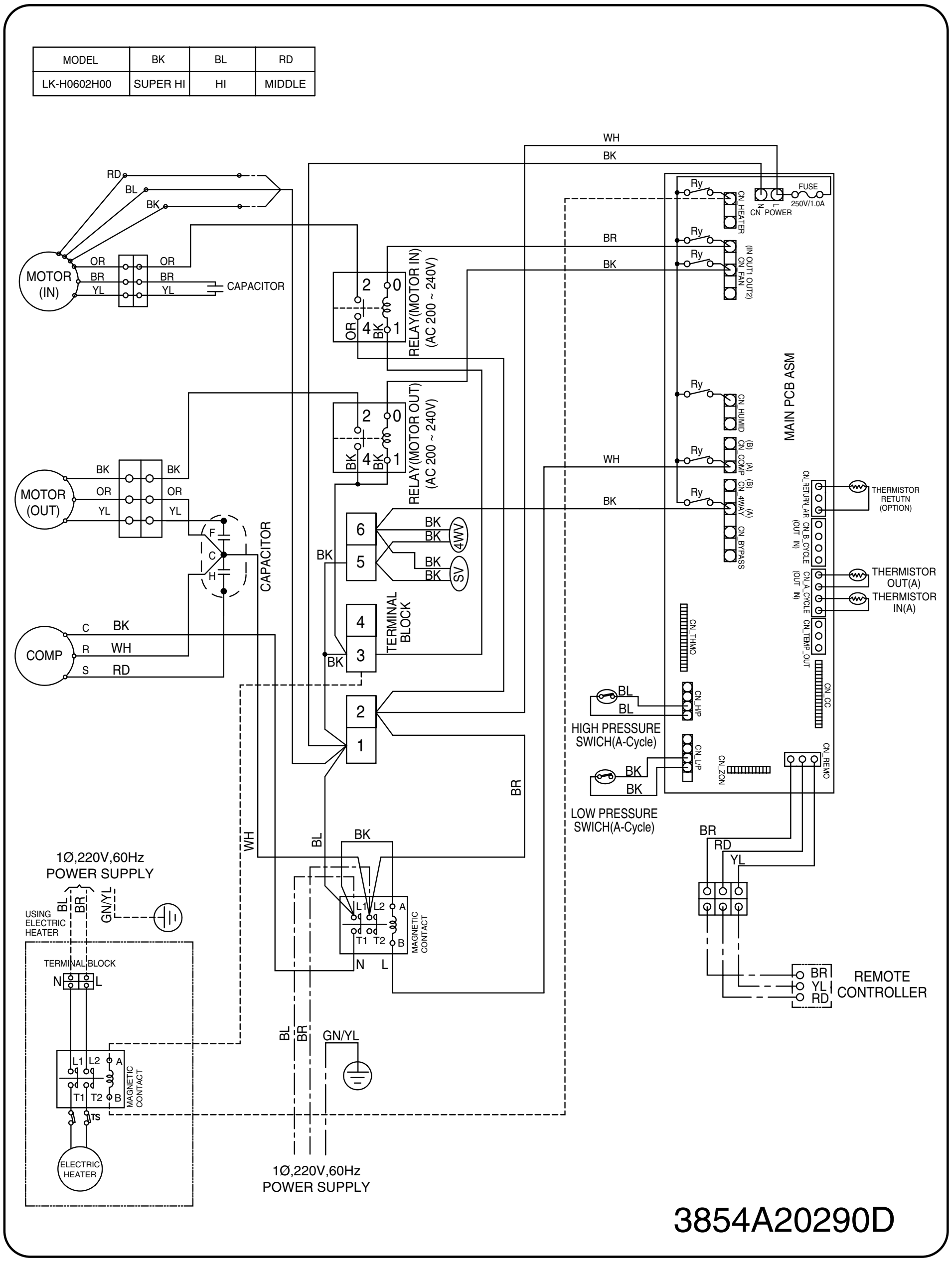


MODEL	a	b	c
3RT/4RT	BLACK	BLUE	RED
5RT	BLUE	BLACK	RED

Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—-·-—	OPTIONAL WIRING	-------	FIELD WIRING

Model No.: LK-H0602H00



Notes:

SV	SOLENOID VALVE	COMP	COMPRESSOR	4WV	4 WAY VALVE
TS	THERMOSTAT	BK	BLACK	RD	RED
BR	BROWN	WH	WHITE	OR	ORANGE
YL	YELLOW	BL	BLUE	GN	GREEN
GN/YL	GREEN-YELLOW				
———	FACTORY WIRING	—·-·—	FIELD WIRING	-------	OPTIONAL WIRING

8. Selection procedure

Selection Procedure-Cooling only(English)

Cooling

Step 1. **Based on building's cooling load calculation from ASHRAE or any approved standard method.**

a. Cooling Capacity ....34,000 Btu/h
b. Sensible Cooling Capacity...25,000 Btu/h
c. Heating Capacity ....32,000 Btu/h
d. Outdoor Entering-air Temperature ....95°F
e. Indoor Entering-air Temp.(D.B/W.B) ....80°F/67°F
f. Indoor air-flow..1200 CFM
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure ....0.85 in.Aq.

Step 2. **Select unit based on required cooling capacity.**

Based on Total Cooling Capacity, choose suitable Model from specifications table.

3RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Selection Procedure

Step 3. From Gross Cooling Capacity (MBH) LK-C0362HA0(English) table, at 1200 CFM and 95°F DB outdoor ambient temperature, with 80°F DB. 67°F WB air entering temperature.
Total cooling capacity= 36,800 Btu/h, Sensible capacity = 29,100 Btu/h

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of CFM & static pressure. To determine the total unit static pressure.

External Static(Duct system)	0.85 in.Aq.
Standard Filter	0.03 in.Aq.
Electric heater size 10kW	0.01 in.Aq.
Total static pressure	0.89 in.Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 0.86 in.Aq.
With 1,200 CFM and 0.86 in.Aq, Evaporator Fan Performance Data LK-C0362HA0 (English) table shows 0.35 BHP for this unit.
FAN MOTOR HEAT;
4.71 x BHP = MBH
4.71 x 0.35 = 1.7 MBH
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	36.8 MBH - 1.7 MBH = 35.1 MBH
Net sensible cooling	29.1 MBH - 1.7 MBH = 27.4 MBH

• MBH = 1000 Btu/h

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 32,000 Btu/h.
The electric heat accessory capacities are listed in Electrical Data Unit Wiring with Electric heating table.
From the Electric Heating Capacity table select, 10 kW electric heater with output
34.14 MBH = 34,140 Btu/h.

Selection Procedure - Cooling Only(SI)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....10 kW
b. Sensible Cooling Capacity..7.3 kW
c. Heating Capacity ....9.4 kW
d. Outdoor Entering-air Temperature ....35°C
e. Indoor Entering-air Temp.(D.B/W.B) ....26.7°C/19.4°C
f. Indoor air-flow...566 l/s
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure..21.59mm Aq.

Step 2. Select unit based on required cooling capacity.

Based on total cooling capacity, choose suitable Model from specifications table.

3RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (kW) LK-C0362HA0 (SI) table, at 566 l/s and 35°C DB ambient temperature, with 26.7°C DB. 19.4°C WB air entering temperature.
Total cooling capacity= 10.8 kW, Sensible capacity = 8.5 kW

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Selection Procedure

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of l/s & static pressure. To determine the total unit static pressure.

External Static(Duct system)	21.59 mm Aq.
Standard Filter	0.76 mm Aq.
Electric heater size 10kW	0.25 mm Aq.
Total static pressure	22.6 mm Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 21.84 mm Aq.
With 566 l/s and 21.86mm Aq., Evaporator Fan Performance Data LK-C0362HA0 (SI) table shows 0.26 BkW for this unit.
FAN MOTOR HEAT;
1.85 x BkW = kW
1.85 x 0.26 = 0.49 kW
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	10.8 kW - 0.49 kW = 10.31 kW
Net sensible cooling	8.5 kW - 0.49 kW = 8.01 kW

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 9.4kW (given).

$$9.4\text{kW} = \frac{12}{3.5167} \times 9.4 = 32.08 \text{ MBH}$$

The electric heat accessory capacities are listed in Electrical Data Unit Wiring with Electric heating table. From the Electric Heating Capacity table select, 10kW Electric Heater with output 34.14 MBH.

Selection Procedure - Heat pump (English)

Cooling

Step 1. **Based on building's cooling load calculation from ASHRAE or any approved standard method.**

a. Cooling Capacity ....55,000 Btu/h
b. Sensible Cooling Capacity...40,000 Btu/h
c. Heating Capacity ....55,000 Btu/h
d. Outdoor Entering-air Temperature ....95°F
e. Outdoor Air winter design Temperature(W.B) ....50°F
f. Indoor Air winter design Temperature ....68°F
g. Indoor Entering-air Temp.(D.B/W.B) ....80°F/67°F
f. Indoor air-flow..2,000 CFM
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure ....0.33 in.Aq.

Step 2. **Select unit based on required cooling capacity.**

Based on total cooling capacity choose suitable model from Specifications table.

5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (MBH) LK-H0602H00 (English) table, at 2,000 CFM and 95 DB ambient temperature, with 80°F DB. 67°F WB air entering temperature.
Total cooling capacity= 60,400 Btu/h, Sensible capacity = 47,100 Btu/h

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Selection Procedure

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of CFM & static pressure. To determine the total unit static pressure.

External Static(Duct system)	0.33 in. Aq.
Standard Filter	0.05 in. Aq.
Electric heater size 9kw	0.04 in. Aq.
Total static pressure	0.42 in. Aq.

Evaporator fan motor performance table has already deducted the pressure drop for filter in the unit. Therefore, the actual total static pressure is 0.37 in Aq.
With 2,000CFM and 0.37 in Aq, Evaporator Fan Performance Data LK-C0602HA0/LK-C060BHA0/LK-H0602H00 (English) table shows 0.64 BHP for this unit.
FAN MOTOR HEAT;
4.71 x Fan BHP = MBH
4.71 x 0.64 = 3.1 MBH
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	60.4 MBH - 3.1 MBH = 57.3 MBH
Net sensible cooling	47.1 MBH - 3.1 = 44.0 MBH

• MBH = 1000 Btu/h

Step 5. If the selected unit performance does not meet the required load, either total or sensible cooling, the next higher capacity unit should be selected.

Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. From Heating Capacity LK-H0602H00 (English) table, The heating capacity is 62,100 Btu/h at 2,000 CFM with 50°F outdoor temperature and 68°F indoor temperature. The required heating capacity is 55,000 Btu/h.
Since heating capacity 62,100 Btu/h is greater than required heating capacity 55,000 Btu/h. So additional electric heat is not required.

Step 3. If the selected unit performance will not meet the required load. The additional electric heater should be selected from Electric Heating Capacity table.

Selection Procedure - Heat pump(SI)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....16.1 kW
b. Sensible Cooling Capacity...11.7 kW
c. Heating Capacity ....16.1 kW
d. Outdoor Entering-air Temperature ....35°C
e. Outdoor Air winter design Temperature(W.B) ....10°C
f. Indoor Air winter design Temperature ....20°C
g. Indoor Entering-air Temp.(D.B/W.B) ....26.7°C / 19.4°C
f. Indoor air-flow..944 l/s
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure ....8.38mm Aq.

Step 2. Select unit based on required cooling capacity.

Based on total cooling capacity, choose suitable model from Specifications table.

5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (kW) LK-H0602H00 (SI) table, at 944 l/s and 35°C ambient temperature, with 26.7°C DB. 19.4°C WB air entering temperature.
Total cooling capacity= 17.7kW, Sensible capacity = 13.8kW

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Selection Procedure

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of l/s & static pressure. To determine the total unit static pressure.

External Static(Duct system)	8.38mm Aq.
Standard Filter	1.27 mm Aq.
Electric heater size 9kw	1.02 mm Aq.
Total static pressure	10.67 mm Aq.

Evaporator fan motor performance table has already deducted the pressure drop for filter in the unit.
Therefore, the actual total static pressure is 9.4 mmAq.
With 944 l/s and 9.49 mmAq, Evaporator Fan Performance Data LK-C0602HA0/LK-C060BHA0/LK-H0602H00 (SI) table shows 0.48BkW for this unit.
FAN MOTOR HEAT;
1.85 x Fan BkW = kW
1.85 x 0.48 = 0.89kW
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	17.7kW - 0.89 kW = 16.81 kW
Net sensible cooling	13.8kW - 0.89 kW = 12.91 kW

Step 5. If the selected unit performance does not meet the required load, either total or sensible cooling, the next higher capacity unit should be selected.

Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. From Heating Capacity LK-H0602H00 (SI) table, The heating capacity is 18.2 kW at 944 l/s with 10°C outdoor temperature and 20°C indoor temperature. The required heating capacity is 16.1kW. Since heating capacity 18.2kW is greater than required heating capacity 16.1kW. So, additional electric heat is not required.

Step 3. If the selected unit performance will not meet the required load. The additional electric heater should be selected from Electric Heating Capacity table.

9. Performance data

Gross Cooling Capacity (kW) LK-C0362HA0 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	9.2	7.4	2.39	10.2	5.5	2.47	11.0	2.5	2.52	8.9	7.5	2.92	9.9	5.6	3.01	10.6	2.5	3.06
	26.7	9.6	8.4	2.40	10.4	7.0	2.48	11.0	4.5	2.52	9.3	8.6	2.93	10.1	7.1	3.02	10.6	4.6	3.07
	29.4	10.0	9.2	2.41	10.5	8.3	2.48	10.9	6.3	2.53	9.7	9.4	2.93	10.2	8.5	3.03	10.6	6.4	3.08
	32.2	10.3	9.8	2.42	10.6	9.3	2.49	10.9	7.7	2.54	10.0	9.9	2.94	10.3	9.5	3.04	10.5	7.9	3.09
510	23.9	9.6	8.1	2.42	10.6	6.1	2.49	11.4	2.7	2.54	9.3	8.3	2.94	10.3	6.2	3.04	11.1	2.8	3.09
	26.7	10.0	9.3	2.42	10.8	7.7	2.50	11.4	5.0	2.55	9.7	9.5	2.95	10.5	7.8	3.05	11.1	5.1	3.10
	29.4	10.4	10.2	2.43	11.0	9.2	2.51	11.4	6.9	2.55	10.1	10.1	2.96	10.6	9.4	3.05	11.0	7.1	3.11
	32.2	10.7	10.7	2.44	11.1	10.3	2.51	11.3	8.5	2.56	10.4	10.4	2.97	10.7	10.5	3.06	11.0	8.7	3.12
566	23.9	9.9	8.8	2.44	10.9	6.6	2.52	11.8	3.0	2.56	9.6	9.0	2.97	10.6	6.8	3.07	11.4	3.0	3.13
	26.7	10.3	10.1	2.45	11.1	8.4	2.53	11.8	5.5	2.57	10.0	10.0	2.98	10.8	8.5	3.08	11.4	5.6	3.13
	29.4	10.7	10.7	2.46	11.3	10.0	2.53	11.7	7.6	2.58	10.4	10.4	2.99	10.9	10.2	3.09	11.4	7.7	3.14
	32.2	11.1	11.1	2.46	11.4	11.2	2.54	11.7	9.2	2.59	10.7	10.7	3.00	11.1	11.1	3.10	11.3	9.4	3.15
623	23.9	10.1	9.4	2.45	11.2	7.1	2.53	12.0	3.2	2.58	9.8	9.6	2.99	10.8	7.2	3.09	11.6	3.2	3.14
	26.7	10.5	10.5	2.46	11.4	8.9	2.54	12.0	5.8	2.59	10.2	10.2	3.00	11.0	9.1	3.09	11.6	5.9	3.15
	29.4	10.9	10.9	2.47	11.5	10.7	2.55	12.0	8.1	2.59	10.6	10.6	3.01	11.1	10.9	3.10	11.6	8.2	3.16
	32.2	11.3	11.3	2.48	11.6	11.6	2.55	11.9	9.9	2.60	10.9	10.9	3.02	11.3	11.3	3.11	11.5	10.1	3.17
680	23.9	10.2	10.0	2.47	11.3	7.5	2.55	12.1	3.3	2.59	9.9	9.9	3.01	10.9	7.7	3.10	11.7	3.4	3.16
	26.7	10.6	10.6	2.48	11.5	9.5	2.55	12.1	6.2	2.60	10.3	10.3	3.02	11.1	9.7	3.11	11.7	6.3	3.17
	29.4	11.0	11.0	2.48	11.6	11.3	2.56	12.1	8.6	2.61	10.7	10.7	3.03	11.2	11.2	3.12	11.7	8.7	3.18
	32.2	11.4	11.4	2.49	11.7	11.7	2.57	12.0	10.5	2.62	11.0	11.0	3.03	11.4	11.4	3.13	11.6	10.7	3.19

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	8.4	7.2	3.18	9.2	5.4	3.28	9.9	2.4	3.34	7.9	6.9	3.58	8.7	5.2	3.69	9.4	2.3	3.76	7.0	6.6	4.01	7.7	5.0	4.13	8.3	2.2	4.21
	26.7	8.7	8.2	3.19	9.4	6.8	3.29	9.9	4.4	3.35	8.2	8.0	3.59	8.9	6.6	3.70	9.4	4.3	3.77	7.3	7.3	4.02	7.9	6.3	4.15	8.3	4.1	4.22
	29.4	9.1	9.0	3.20	9.5	8.2	3.30	9.9	6.2	3.36	8.5	8.5	3.60	9.0	7.9	3.71	9.3	6.0	3.78	7.6	7.6	4.03	8.0	7.5	4.16	8.3	5.7	4.24
	32.2	9.4	9.4	3.21	9.7	9.1	3.31	9.9	7.5	3.37	8.8	8.8	3.61	9.1	8.8	3.72	9.3	7.3	3.79	7.8	7.8	4.04	8.1	8.1	4.17	8.2	6.9	4.25
510	23.9	8.7	7.9	3.21	9.6	6.0	3.31	10.4	2.7	3.37	8.2	7.7	3.61	9.1	5.8	3.72	9.8	2.6	3.79	7.3	7.3	4.04	8.1	5.5	4.17	8.7	2.4	4.25
	26.7	9.1	9.1	3.22	9.8	7.5	3.32	10.4	4.9	3.38	8.6	8.6	3.62	9.2	7.3	3.74	9.8	4.7	3.80	7.6	7.6	4.05	8.2	6.9	4.18	8.7	4.5	4.26
	29.4	9.4	9.4	3.23	9.9	9.0	3.33	10.3	6.8	3.39	8.9	8.9	3.63	9.4	8.7	3.75	9.7	6.6	3.82	7.9	7.9	4.07	8.3	8.3	4.20	8.6	6.2	4.27
	32.2	9.7	9.7	3.24	10.1	10.0	3.34	10.3	8.3	3.40	9.2	9.2	3.64	9.5	9.5	3.76	9.7	8.0	3.83	8.1	8.1	4.08	8.4	8.4	4.21	8.6	7.6	4.29
566	23.9	9.0	8.6	3.25	9.9	6.5	3.35	10.7	2.9	3.41	8.5	8.3	3.65	9.3	6.3	3.76	10.0	2.8	3.83	7.5	7.5	4.09	8.3	6.0	4.21	8.9	2.7	4.29
	26.7	9.4	9.4	3.25	10.1	8.2	3.36	10.7	5.3	3.42	8.8	8.8	3.66	9.5	7.9	3.78	10.1	5.2	3.84	7.8	7.8	4.10	8.4	7.5	4.23	8.9	4.9	4.31
	29.4	9.7	9.7	3.26	10.2	9.8	3.37	10.6	7.4	3.43	9.2	9.2	3.67	9.7	9.5	3.79	10.0	7.1	3.86	8.1	8.1	4.11	8.6	8.6	4.24	8.9	6.8	4.32
	32.2	10.0	10.0	3.27	10.4	10.4	3.38	10.6	9.1	3.44	9.5	9.5	3.68	9.8	9.8	3.80	10.0	8.7	3.87	8.4	8.4	4.12	8.7	8.7	4.25	8.8	8.3	4.33
623	23.9	9.1	9.1	3.26	10.1	6.9	3.37	10.9	3.1	3.43	8.6	8.6	3.67	9.5	6.7	3.78	10.2	3.0	3.85	7.6	7.6	4.11	8.5	6.4	4.24	9.1	2.8	4.32
	26.7	9.5	9.5	3.27	10.3	8.8	3.38	10.9	5.7	3.44	9.0	9.0	3.68	9.7	8.5	3.80	10.2	5.5	3.87	8.0	8.0	4.12	8.6	8.0	4.25	9.1	5.2	4.33
	29.4	9.9	9.9	3.28	10.4	10.4	3.39	10.8	7.9	3.45	9.3	9.3	3.69	9.8	9.8	3.81	10.2	7.6	3.88	8.3	8.3	4.13	8.7	8.7	4.26	9.1	7.3	4.34
	32.2	10.2	10.2	3.29	10.6	10.6	3.40	10.8	9.7	3.46	9.6	9.6	3.70	9.9	9.9	3.82	10.2	9.4	3.89	8.6	8.6	4.15	8.8	8.8	4.28	9.0	8.9	4.36
680	23.9	9.2	9.2	3.28	10.2	7.4	3.38	11.0	3.3	3.45	8.7	8.7	3.69	9.6	7.1	3.80	10.3	3.2	3.88	7.7	7.7	4.13	8.5	6.8	4.26	9.2	3.0	4.34
	26.7	9.6	9.6	3.29	10.4	9.3	3.40	11.0	6.0	3.46	9.1	9.1	3.70	9.8	8.9	3.82	10.3	5.8	3.89	8.1	8.1	4.14	8.7	8.5	4.27	9.2	5.6	4.35
	29.4	10.0	10.0	3.30	10.5	10.5	3.41	10.9	8.4	3.47	9.4	9.4	3.71	9.9	9.9	3.83	10.3	8.1	3.90	8.4	8.4	4.16	8.8	8.8	4.29	9.2	7.7	4.37
	32.2	10.3	10.3	3.31	10.6	10.6	3.42	10.9	10.3	3.48	9.7	9.7	3.72	10.0	10.0	3.84	10.2	9.9	3.91	8.6	8.6	4.17	8.9	8.9	4.30	9.1	9.1	4.38

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0329A(C)H (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	9.5	7.4	2.66	10.5	5.6	2.74	11.3	2.5	2.79	9.0	7.4	2.93	10.0	5.6	3.02	10.7	2.5	3.08
	26.7	9.9	8.5	2.66	10.7	7.0	2.75	11.3	4.6	2.80	9.4	8.5	2.94	10.1	7.0	3.03	10.7	4.6	3.09
	29.4	10.3	9.3	2.67	10.8	8.5	2.76	11.2	6.4	2.81	9.8	9.4	2.95	10.3	8.5	3.04	10.7	6.4	3.10
	32.2	10.6	9.8	2.68	10.9	9.4	2.76	11.2	7.7	2.82	10.1	9.8	2.96	10.4	9.4	3.05	10.6	7.8	3.11
510	23.9	10.0	7.9	2.68	11.0	6.0	2.76	11.9	2.7	2.81	9.5	8.0	2.95	10.5	6.0	3.05	11.3	2.7	3.10
	26.7	10.4	9.1	2.69	11.2	7.5	2.77	11.9	4.9	2.82	9.9	9.2	2.96	10.7	7.6	3.05	11.3	4.9	3.11
	29.4	10.8	10.0	2.69	11.4	9.1	2.78	11.8	6.8	2.83	10.3	10.0	2.97	10.8	9.1	3.06	11.2	6.8	3.12
	32.2	11.2	10.5	2.70	11.5	10.1	2.79	11.8	8.3	2.84	10.6	10.6	2.98	10.9	10.1	3.07	11.2	8.3	3.13
566	23.9	10.2	8.5	2.70	11.3	6.4	2.79	12.1	2.8	2.84	9.7	8.5	2.99	10.7	6.4	3.08	11.5	2.8	3.14
	26.7	10.6	9.7	2.71	11.5	8.0	2.80	12.1	5.3	2.85	10.1	9.8	3.00	10.9	8.1	3.09	11.5	5.3	3.15
	29.4	11.0	10.7	2.72	11.6	9.7	2.80	12.1	7.3	2.86	10.5	10.5	3.00	11.1	9.7	3.10	11.5	7.3	3.16
	32.2	11.4	11.2	2.73	11.8	10.7	2.81	12.0	8.9	2.86	10.8	10.8	3.01	11.2	10.8	3.11	11.4	8.9	3.17
623	23.9	10.4	8.6	2.72	11.5	6.5	2.81	12.4	2.9	2.86	9.9	8.6	3.00	10.9	6.5	3.09	11.8	2.9	3.15
	26.7	10.9	9.9	2.73	11.7	8.2	2.82	12.4	5.3	2.87	10.3	9.9	3.01	11.1	8.2	3.10	11.8	5.4	3.16
	29.4	11.3	10.8	2.74	11.9	9.8	2.83	12.4	7.4	2.88	10.7	10.7	3.02	11.3	9.9	3.11	11.7	7.4	3.17
	32.2	11.6	11.4	2.75	12.0	10.9	2.84	12.3	9.0	2.89	11.1	11.1	3.03	11.4	11.0	3.12	11.7	9.0	3.18
680	23.9	10.5	8.8	2.75	11.6	6.7	2.83	12.5	3.0	2.89	10.0	8.9	3.02	11.0	6.7	3.12	11.9	3.0	3.17
	26.7	11.0	10.1	2.76	11.8	8.4	2.84	12.5	5.5	2.90	10.4	10.0	3.03	11.2	8.4	3.13	11.9	5.5	3.18
	29.4	11.4	11.1	2.76	12.0	10.1	2.85	12.4	7.6	2.90	10.8	10.8	3.04	11.4	10.1	3.14	11.8	7.6	3.19
	32.2	11.7	11.7	2.77	12.1	11.2	2.86	12.4	9.2	2.91	11.2	11.2	3.05	11.5	11.2	3.14	11.8	9.3	3.20

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	8.5	7.1	3.15	9.4	5.3	3.25	10.1	2.4	3.31	7.9	6.8	3.33	8.7	5.1	3.44	9.4	2.3	3.50	6.9	6.1	3.49	7.7	4.7	3.60	8.3	2.1	3.66
	26.7	8.9	8.1	3.16	9.6	6.7	3.26	10.1	4.4	3.32	8.2	7.8	3.34	8.9	6.4	3.45	9.4	4.2	3.51	7.2	7.1	3.50	7.8	5.8	3.61	8.3	3.8	3.68
	29.4	9.2	8.9	3.17	9.7	8.1	3.27	10.1	6.1	3.33	8.5	8.5	3.35	9.0	7.7	3.46	9.4	5.8	3.52	7.5	7.5	3.51	7.9	7.0	3.62	8.2	5.3	3.69
	32.2	9.5	9.4	3.18	9.8	9.0	3.28	10.0	7.4	3.34	8.8	8.8	3.36	9.1	8.6	3.47	9.3	7.1	3.53	7.8	7.8	3.52	8.0	7.8	3.63	8.2	6.4	3.70
510	23.9	8.9	7.6	3.17	9.9	5.7	3.27	10.6	2.5	3.33	8.3	7.3	3.36	9.2	5.5	3.46	9.9	2.4	3.53	7.3	6.6	3.51	8.1	5.0	3.62	8.7	2.2	3.69
	26.7	9.3	8.7	3.18	10.0	7.2	3.28	10.6	4.7	3.34	8.7	8.3	3.37	9.3	6.9	3.47	9.9	4.5	3.54	7.6	7.6	3.52	8.2	6.2	3.63	8.7	4.1	3.70
	29.4	9.7	9.5	3.19	10.2	8.7	3.29	10.6	6.5	3.35	9.0	9.0	3.38	9.5	8.3	3.48	9.8	6.2	3.55	7.9	7.9	3.53	8.3	7.5	3.64	8.7	5.7	3.71
	32.2	10.0	10.0	3.20	10.3	9.6	3.30	10.5	7.9	3.36	9.3	9.3	3.39	9.6	9.2	3.49	9.8	7.6	3.56	8.2	8.2	3.54	8.4	8.4	3.65	8.6	6.9	3.72
566	23.9	9.1	8.1	3.20	10.1	6.1	3.30	10.8	2.7	3.36	8.5	7.8	3.38	9.4	5.9	3.49	10.1	2.6	3.55	7.5	7.0	3.53	8.3	5.3	3.65	8.9	2.4	3.71
	26.7	9.5	9.3	3.21	10.3	7.7	3.31	10.8	5.0	3.37	8.8	8.8	3.39	9.5	7.4	3.50	10.1	4.8	3.56	7.8	7.8	3.54	8.4	6.7	3.66	8.9	4.4	3.72
	29.4	9.9	9.9	3.22	10.4	9.2	3.32	10.8	6.9	3.38	9.2	9.2	3.40	9.7	8.9	3.51	10.1	6.7	3.57	8.1	8.1	3.55	8.5	8.0	3.67	8.8	6.0	3.74
	32.2	10.2	10.2	3.23	10.5	10.3	3.33	10.7	8.5	3.39	9.5	9.5	3.41	9.8	9.8	3.52	10.0	8.1	3.58	8.3	8.3	3.57	8.6	8.6	3.68	8.8	7.4	3.75
623	23.9	9.3	8.2	3.22	10.3	6.2	3.32	11.1	2.7	3.38	8.7	7.9	3.40	9.6	6.0	3.51	10.3	2.6	3.58	7.6	7.1	3.56	8.4	5.4	3.67	9.1	2.4	3.74
	26.7	9.7	9.4	3.23	10.5	7.8	3.33	11.1	5.1	3.39	9.0	9.0	3.41	9.8	7.5	3.52	10.3	4.9	3.59	8.0	8.0	3.57	8.6	6.8	3.68	9.1	4.4	3.75
	29.4	10.1	10.1	3.24	10.6	9.4	3.34	11.1	7.1	3.40	9.4	9.4	3.42	9.9	9.0	3.53	10.3	6.8	3.60	8.3	8.3	3.58	8.7	8.2	3.69	9.0	6.1	3.76
	32.2	10.4	10.4	3.25	10.8	10.4	3.35	11.0	8.6	3.41	9.7	9.7	3.43	10.0	10.0	3.54	10.2	8.2	3.61	8.5	8.5	3.59	8.8	8.8	3.70	9.0	7.5	3.77
680	23.9	9.4	8.4	3.24	10.4	6.4	3.35	11.2	2.8	3.41	8.7	8.1	3.43	9.7	6.1	3.53	10.4	2.7	3.60	7.7	7.3	3.58	8.5	5.6	3.69	9.1	2.5	3.76
	26.7	9.8	9.7	3.25	10.6	8.0	3.36	11.2	5.2	3.42	9.1	9.1	3.44	9.8	7.7	3.54	10.4	5.0	3.61	8.0	8.0	3.59	8.7	7.0	3.70	9.1	4.6	3.77
	29.4	10.2	10.2	3.26	10.7	9.6	3.37	11.1	7.2	3.43	9.5	9.5	3.45	10.0	9.2	3.56	10.4	6.9	3.62	8.3	8.3	3.60	8.8	8.4	3.71	9.1	6.3	3.78
	32.2	10.5	10.5	3.27	10.8	10.7	3.38	11.1	8.8	3.44	9.8	9.8	3.46	10.1	10.1	3.57	10.3	8.5	3.63	8.6	8.6	3.61	8.9	8.9	3.73	9.1	7.7	3.79

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C0482HA0 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	12.3	10.1	3.15	13.6	7.6	3.25	14.6	3.4	3.31	11.9	9.9	3.46	13.1	7.4	3.57	14.1	3.3	3.63
	26.7	12.9	11.5	3.16	13.9	9.6	3.26	14.7	6.2	3.32	12.4	11.3	3.47	13.4	9.3	3.58	14.1	6.1	3.64
	29.4	13.3	12.7	3.17	14.1	11.4	3.27	14.6	8.6	3.33	12.9	12.4	3.48	13.6	11.2	3.59	14.1	8.4	3.65
	32.2	13.8	13.4	3.18	14.2	12.8	3.28	14.5	10.6	3.34	13.3	13.1	3.49	13.7	12.5	3.60	14.0	10.3	3.67
680	23.9	12.8	11.1	3.18	14.2	8.4	3.28	15.3	3.7	3.34	12.4	10.9	3.49	13.7	8.2	3.60	14.7	3.6	3.66
	26.7	13.4	12.7	3.19	14.4	10.5	3.29	15.3	6.9	3.35	12.9	12.4	3.50	13.9	10.3	3.61	14.7	6.7	3.68
	29.4	13.9	13.9	3.20	14.7	12.6	3.30	15.2	9.5	3.36	13.4	13.4	3.51	14.1	12.3	3.62	14.7	9.3	3.69
	32.2	14.4	14.4	3.21	14.8	14.1	3.31	15.1	11.6	3.37	13.9	13.9	3.52	14.3	13.7	3.63	14.6	11.4	3.70
755	23.9	13.2	12.1	3.21	14.6	9.1	3.31	15.7	4.0	3.38	12.8	11.8	3.53	14.1	8.9	3.64	15.2	4.0	3.70
	26.7	13.8	13.8	3.22	14.9	11.5	3.33	15.7	7.5	3.39	13.3	13.3	3.54	14.4	11.2	3.65	15.2	7.3	3.72
	29.4	14.3	14.3	3.23	15.1	13.7	3.33	15.7	10.4	3.40	13.8	13.8	3.55	14.6	13.4	3.66	15.1	10.1	3.73
	32.2	14.8	14.8	3.24	15.3	15.3	3.34	15.6	12.7	3.41	14.3	14.3	3.56	14.7	14.7	3.67	15.0	12.4	3.74
831	23.9	13.5	12.9	3.23	14.9	9.7	3.33	16.0	4.3	3.39	13.0	12.6	3.54	14.4	9.5	3.66	15.5	4.2	3.72
	26.7	14.1	14.1	3.24	15.2	12.3	3.34	16.0	8.0	3.40	13.6	13.6	3.56	14.6	12.0	3.67	15.5	7.8	3.74
	29.4	14.6	14.6	3.25	15.4	14.7	3.35	16.0	11.1	3.42	14.1	14.1	3.57	14.8	14.3	3.68	15.4	10.8	3.75
	32.2	15.1	15.1	3.26	15.5	15.5	3.36	15.9	13.6	3.43	14.5	14.5	3.58	15.0	15.0	3.69	15.3	13.3	3.76
906	23.9	13.6	13.6	3.25	15.0	10.3	3.35	16.2	4.6	3.41	13.1	13.1	3.56	14.5	10.1	3.68	15.6	4.5	3.75
	26.7	14.2	14.2	3.26	15.3	13.0	3.36	16.2	8.5	3.42	13.7	13.7	3.58	14.8	12.7	3.69	15.6	8.3	3.76
	29.4	14.7	14.7	3.27	15.5	15.5	3.37	16.1	11.7	3.43	14.2	14.2	3.59	15.0	15.0	3.70	15.6	11.5	3.77
	32.2	15.2	15.2	3.28	15.7	15.7	3.38	16.0	14.4	3.44	14.7	14.7	3.60	15.1	15.1	3.71	15.5	14.0	3.78

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	11.2	9.5	3.85	12.3	7.1	3.98	13.3	3.2	4.05	10.6	9.1	4.16	11.7	6.9	4.29	12.6	3.1	4.37	9.3	8.5	4.67	10.2	6.4	4.82	11.0	2.8	4.91
	26.7	11.6	10.9	3.87	12.6	9.0	3.99	13.3	5.9	4.06	11.1	10.5	4.17	12.0	8.7	4.31	12.6	5.6	4.38	9.7	9.7	4.69	10.4	8.0	4.84	11.0	5.2	4.92
	29.4	12.1	11.9	3.88	12.7	10.8	4.00	13.2	8.1	4.07	11.5	11.5	4.19	12.1	10.4	4.32	12.6	7.8	4.40	10.0	10.0	4.70	10.6	9.6	4.85	11.0	7.3	4.94
	32.2	12.5	12.5	3.89	12.9	12.0	4.01	13.1	9.9	4.09	11.9	11.9	4.20	12.3	11.6	4.33	12.5	9.6	4.41	10.4	10.4	4.72	10.7	10.7	4.86	10.9	8.9	4.95
680	23.9	11.6	10.5	3.89	12.8	7.9	4.01	13.8	3.5	4.08	11.1	10.1	4.20	12.2	7.6	4.33	13.1	3.4	4.41	9.7	9.3	4.71	10.7	7.0	4.86	11.5	3.1	4.95
	26.7	12.1	12.0	3.90	13.1	9.9	4.02	13.8	6.5	4.10	11.5	11.5	4.21	12.4	9.5	4.34	13.2	6.2	4.42	10.1	10.1	4.73	10.9	8.8	4.88	11.5	5.8	4.97
	29.4	12.6	12.6	3.91	13.3	11.9	4.03	13.8	9.0	4.11	12.0	12.0	4.22	12.6	11.4	4.36	13.1	8.6	4.44	10.5	10.5	4.74	11.0	10.6	4.89	11.4	8.0	4.98
	32.2	13.0	13.0	3.92	13.4	13.2	4.05	13.7	11.0	4.12	12.4	12.4	4.24	12.8	12.7	4.37	13.0	10.6	4.45	10.8	10.8	4.76	11.1	11.1	4.91	11.4	9.8	5.00
755	23.9	12.0	11.4	3.93	13.2	8.6	4.05	14.2	3.8	4.13	11.4	11.0	4.24	12.6	8.2	4.38	13.5	3.7	4.46	9.9	9.9	4.77	11.0	7.6	4.92	11.8	3.4	5.01
	26.7	12.5	12.5	3.94	13.5	10.8	4.07	14.2	7.0	4.14	11.9	11.9	4.26	12.8	10.4	4.39	13.6	6.8	4.47	10.4	10.4	4.78	11.2	9.6	4.93	11.8	6.3	5.02
	29.4	13.0	13.0	3.95	13.7	12.9	4.08	14.2	9.7	4.15	12.3	12.3	4.27	13.0	12.4	4.40	13.5	9.4	4.48	10.8	10.8	4.79	11.4	11.4	4.95	11.8	8.7	5.04
	32.2	13.4	13.4	3.96	13.8	13.8	4.09	14.1	11.9	4.17	12.7	12.7	4.28	13.1	13.1	4.42	13.4	11.5	4.50	11.1	11.1	4.81	11.5	11.5	4.96	11.7	10.7	5.05
831	23.9	12.2	12.2	3.95	13.5	9.2	4.08	14.5	4.1	4.15	11.6	11.6	4.27	12.8	8.8	4.40	13.8	3.9	4.48	10.1	10.1	4.79	11.2	8.2	4.94	12.0	3.6	5.03
	26.7	12.7	12.7	3.96	13.7	11.5	4.09	14.5	7.5	4.16	12.1	12.1	4.28	13.1	11.1	4.41	13.8	7.3	4.50	10.6	10.6	4.81	11.4	10.3	4.96	12.1	6.7	5.05
	29.4	13.2	13.2	3.97	13.9	13.8	4.10	14.5	10.4	4.18	12.6	12.6	4.29	13.3	13.3	4.43	13.8	10.1	4.51	11.0	11.0	4.82	11.6	11.6	4.97	12.0	9.3	5.06
	32.2	13.6	13.6	3.99	14.1	14.1	4.11	14.4	12.8	4.19	13.0	13.0	4.30	13.4	13.4	4.44	13.7	12.3	4.52	11.3	11.3	4.83	11.7	11.7	4.99	11.9	11.4	5.08
906	23.9	12.3	12.3	3.97	13.6	9.7	4.10	14.6	4.3	4.17	11.7	11.7	4.29	13.0	9.3	4.42	13.9	4.2	4.51	10.2	10.2	4.82	11.3	8.7	4.97	12.2	3.9	5.06
	26.7	12.8	12.8	3.98	13.9	12.2	4.11	14.6	8.0	4.19	12.2	12.2	4.30	13.2	11.8	4.44	13.9	7.7	4.52	10.7	10.7	4.83	11.5	10.9	4.99	12.2	7.1	5.08
	29.4	13.3	13.3	4.00	14.1	14.1	4.12	14.6	11.0	4.20	12.7	12.7	4.32	13.4	13.4	4.45	13.9	10.6	4.53	11.1	11.1	4.85	11.7	11.7	5.00	12.1	9.9	5.09
	32.2	13.8	13.8	4.01	14.2	14.2	4.14	14.5	13.5	4.21	13.1	13.1	4.33	13.5	13.5	4.46	13.8	13.0	4.55	11.4	11.4	4.86	11.8	11.8	5.02	12.1	12.1	5.11

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C048BHA1 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	12.3	10.1	3.11	13.6	7.6	3.20	14.6	3.4	3.26	11.9	9.9	3.41	13.1	7.4	3.52	14.1	3.3	3.59
	26.7	12.9	11.5	3.12	13.9	9.6	3.21	14.7	6.2	3.27	12.4	11.3	3.42	13.4	9.3	3.53	14.1	6.1	3.60
	29.4	13.3	12.7	3.12	14.1	11.4	3.22	14.6	8.6	3.28	12.9	12.4	3.43	13.6	11.2	3.54	14.1	8.4	3.61
	32.2	13.8	13.4	3.13	14.2	12.8	3.23	14.5	10.6	3.29	13.3	13.1	3.44	13.7	12.5	3.55	14.0	10.3	3.62
680	23.9	12.8	11.1	3.13	14.2	8.4	3.23	15.3	3.7	3.29	12.4	10.9	3.44	13.7	8.2	3.55	14.7	3.6	3.62
	26.7	13.4	12.7	3.14	14.4	10.5	3.24	15.3	6.9	3.30	12.9	12.4	3.45	13.9	10.3	3.56	14.7	6.7	3.63
	29.4	13.9	13.9	3.15	14.7	12.6	3.25	15.2	9.5	3.31	13.4	13.4	3.46	14.1	12.3	3.57	14.7	9.3	3.64
	32.2	14.4	14.4	3.16	14.8	14.1	3.26	15.1	11.6	3.32	13.9	13.9	3.47	14.3	13.7	3.58	14.6	11.4	3.65
755	23.9	13.2	12.1	3.17	14.6	9.1	3.27	15.7	4.0	3.33	12.8	11.8	3.48	14.1	8.9	3.59	15.2	4.0	3.66
	26.7	13.8	13.8	3.18	14.9	11.5	3.28	15.7	7.5	3.34	13.3	13.3	3.49	14.4	11.2	3.60	15.2	7.3	3.67
	29.4	14.3	14.3	3.19	15.1	13.7	3.29	15.7	10.4	3.35	13.8	13.8	3.50	14.6	13.4	3.61	15.1	10.1	3.68
	32.2	14.8	14.8	3.20	15.3	15.3	3.30	15.6	12.7	3.36	14.3	14.3	3.51	14.7	14.7	3.62	15.0	12.4	3.69
831	23.9	13.5	12.9	3.18	14.9	9.7	3.28	16.0	4.3	3.35	13.0	12.6	3.50	14.4	9.5	3.61	15.5	4.2	3.68
	26.7	14.1	14.1	3.19	15.2	12.3	3.30	16.0	8.0	3.36	13.6	13.6	3.51	14.6	12.0	3.62	15.5	7.8	3.69
	29.4	14.6	14.6	3.20	15.4	14.7	3.30	16.0	11.1	3.37	14.1	14.1	3.52	14.8	14.3	3.63	15.4	10.8	3.70
	32.2	15.1	15.1	3.21	15.5	15.5	3.31	15.9	13.6	3.38	14.5	14.5	3.53	15.0	15.0	3.64	15.3	13.3	3.71
906	23.9	13.6	13.6	3.20	15.0	10.3	3.30	16.2	4.6	3.36	13.1	13.1	3.52	14.5	10.1	3.63	15.6	4.5	3.70
	26.7	14.2	14.2	3.21	15.3	13.0	3.31	16.2	8.5	3.37	13.7	13.7	3.53	14.8	12.7	3.64	15.6	8.3	3.71
	29.4	14.7	14.7	3.22	15.5	15.5	3.32	16.1	11.7	3.38	14.2	14.2	3.54	15.0	15.0	3.65	15.6	11.5	3.72
	32.2	15.2	15.2	3.23	15.7	15.7	3.33	16.0	14.4	3.39	14.7	14.7	3.55	15.1	15.1	3.66	15.5	14.0	3.73

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	11.2	9.5	3.81	12.3	7.1	3.93	13.3	3.2	4.00	10.6	9.1	4.16	11.7	6.9	4.29	12.6	3.1	4.37	9.3	8.5	4.63	10.2	6.4	4.77	11.0	2.8	4.86
	26.7	11.6	10.9	3.82	12.6	9.0	3.94	13.3	5.9	4.01	11.1	10.5	4.17	12.0	8.7	4.31	12.6	5.6	4.38	9.7	9.7	4.64	10.4	8.0	4.79	11.0	5.2	4.88
	29.4	12.1	11.9	3.83	12.7	10.8	3.95	13.2	8.1	4.03	11.5	11.5	4.19	12.1	10.4	4.32	12.6	7.8	4.40	10.0	10.0	4.66	10.6	9.6	4.80	11.0	7.3	4.89
	32.2	12.5	12.5	3.84	12.9	12.0	3.96	13.1	9.9	4.04	11.9	11.9	4.20	12.3	11.6	4.33	12.5	9.6	4.41	10.4	10.4	4.67	10.7	10.7	4.82	10.9	8.9	4.91
680	23.9	11.6	10.5	3.84	12.8	7.9	3.96	13.8	3.5	4.04	11.1	10.1	4.20	12.2	7.6	4.33	13.1	3.4	4.41	9.7	9.3	4.67	10.7	7.0	4.82	11.5	3.1	4.91
	26.7	12.1	12.0	3.85	13.1	9.9	3.98	13.8	6.5	4.05	11.5	11.5	4.21	12.4	9.5	4.34	13.2	6.2	4.42	10.1	10.1	4.68	10.9	8.8	4.83	11.5	5.8	4.92
	29.4	12.6	12.6	3.87	13.3	11.9	3.99	13.8	9.0	4.06	12.0	12.0	4.22	12.6	11.4	4.36	13.1	8.6	4.44	10.5	10.5	4.70	11.0	10.6	4.85	11.4	8.0	4.94
	32.2	13.0	13.0	3.88	13.4	13.2	4.00	13.7	11.0	4.07	12.4	12.4	4.24	12.8	12.7	4.37	13.0	10.6	4.45	10.8	10.8	4.71	11.1	11.1	4.86	11.4	9.8	4.95
755	23.9	12.0	11.4	3.88	13.2	8.6	4.01	14.2	3.8	4.08	11.4	11.0	4.24	12.6	8.2	4.38	13.5	3.7	4.46	9.9	9.9	4.72	11.0	7.6	4.87	11.8	3.4	4.96
	26.7	12.5	12.5	3.90	13.5	10.8	4.02	14.2	7.0	4.09	11.9	11.9	4.26	12.8	10.4	4.39	13.6	6.8	4.47	10.4	10.4	4.73	11.2	9.6	4.88	11.8	6.3	4.97
	29.4	13.0	13.0	3.91	13.7	12.9	4.03	14.2	9.7	4.11	12.3	12.3	4.27	13.0	12.4	4.40	13.5	9.4	4.48	10.8	10.8	4.75	11.4	11.4	4.90	11.8	8.7	4.99
	32.2	13.4	13.4	3.92	13.8	13.8	4.04	14.1	11.9	4.12	12.7	12.7	4.28	13.1	13.1	4.42	13.4	11.5	4.50	11.1	11.1	4.76	11.5	11.5	4.91	11.7	10.7	5.00
831	23.9	12.2	12.2	3.91	13.5	9.2	4.03	14.5	4.1	4.10	11.6	11.6	4.27	12.8	8.8	4.40	13.8	3.9	4.48	10.1	10.1	4.75	11.2	8.2	4.90	12.0	3.6	4.99
	26.7	12.7	12.7	3.92	13.7	11.5	4.04	14.5	7.5	4.12	12.1	12.1	4.28	13.1	11.1	4.41	13.8	7.3	4.50	10.6	10.6	4.76	11.4	10.3	4.91	12.1	6.7	5.00
	29.4	13.2	13.2	3.93	13.9	13.8	4.05	14.5	10.4	4.13	12.6	12.6	4.29	13.3	13.3	4.43	13.8	10.1	4.51	11.0	11.0	4.77	11.6	11.6	4.93	12.0	9.3	5.02
	32.2	13.6	13.6	3.94	14.1	14.1	4.06	14.4	12.8	4.14	13.0	13.0	4.30	13.4	13.4	4.44	13.7	12.3	4.52	11.3	11.3	4.79	11.7	11.7	4.94	11.9	11.4	5.03
906	23.9	12.3	12.3	3.93	13.6	9.7	4.05	14.6	4.3	4.13	11.7	11.7	4.29	13.0	9.3	4.42	13.9	4.2	4.51	10.2	10.2	4.77	11.3	8.7	4.92	12.2	3.9	5.01
	26.7	12.8	12.8	3.94	13.9	12.2	4.06	14.6	8.0	4.14	12.2	12.2	4.30	13.2	11.8	4.44	13.9	7.7	4.52	10.7	10.7	4.79	11.5	10.9	4.94	12.2	7.1	5.03
	29.4	13.3	13.3	3.95	14.1	14.1	4.08	14.6	11.0	4.15	12.7	12.7	4.32	13.4	13.4	4.45	13.9	10.6	4.53	11.1	11.1	4.80	11.7	11.7	4.95	12.1	9.9	5.04
	32.2	13.8	13.8	3.96	14.2	14.2	4.09	14.5	13.5	4.16	13.1	13.1	4.33	13.5	13.5	4.46	13.8	13.0	4.55	11.4	11.4	4.82	11.8	11.8	4.97	12.1	12.1	5.06

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0429A(C)H (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	12.6	9.8	3.09	14.0	7.5	3.19	15.0	3.3	3.25	12.0	9.9	3.41	13.3	7.5	3.52	14.3	3.3	3.59
	26.7	13.2	11.3	3.10	14.2	9.3	3.20	15.0	6.1	3.26	12.5	11.4	3.42	13.5	9.4	3.53	14.3	6.1	3.60
	29.4	13.7	12.4	3.11	14.4	11.2	3.21	15.0	8.5	3.27	13.0	12.4	3.43	13.7	11.3	3.54	14.2	8.5	3.61
	32.2	14.1	13.0	3.12	14.6	12.5	3.22	14.9	10.3	3.28	13.4	13.1	3.44	13.8	12.5	3.55	14.1	10.3	3.62
680	23.9	13.3	10.6	3.12	14.7	8.0	3.22	15.8	3.5	3.28	12.6	10.6	3.44	13.9	8.0	3.55	15.0	3.5	3.61
	26.7	13.8	12.1	3.13	14.9	10.0	3.23	15.8	6.6	3.29	13.2	12.2	3.45	14.2	10.1	3.56	15.0	6.6	3.62
	29.4	14.4	13.3	3.14	15.2	12.1	3.24	15.7	9.1	3.30	13.7	13.3	3.46	14.4	12.1	3.57	15.0	9.1	3.64
	32.2	14.8	14.0	3.15	15.3	13.4	3.25	15.6	11.0	3.31	14.1	14.0	3.47	14.6	13.5	3.58	14.9	11.1	3.65
755	23.9	13.6	11.1	3.15	15.0	8.4	3.25	16.1	3.7	3.31	12.9	11.2	3.48	14.2	8.5	3.59	15.3	3.7	3.66
	26.7	14.1	12.8	3.16	15.3	10.5	3.26	16.1	6.9	3.32	13.4	12.8	3.49	14.5	10.6	3.60	15.3	6.9	3.67
	29.4	14.7	14.0	3.17	15.5	12.7	3.27	16.1	9.6	3.33	13.9	13.9	3.50	14.7	12.7	3.61	15.3	9.6	3.68
	32.2	15.2	14.7	3.18	15.6	14.1	3.28	16.0	11.6	3.34	14.4	14.4	3.51	14.9	14.2	3.62	15.2	11.7	3.69
831	23.9	13.9	11.4	3.17	15.3	8.7	3.27	16.5	3.8	3.34	13.2	11.5	3.49	14.6	8.7	3.60	15.7	3.8	3.67
	26.7	14.5	13.1	3.18	15.6	10.9	3.28	16.5	7.1	3.35	13.7	13.2	3.50	14.8	10.9	3.61	15.7	7.1	3.68
	29.4	15.0	14.4	3.19	15.8	13.1	3.29	16.4	9.8	3.36	14.3	14.3	3.51	15.0	13.1	3.62	15.6	9.9	3.69
	32.2	15.5	15.2	3.20	16.0	14.5	3.30	16.3	12.0	3.37	14.7	14.7	3.52	15.2	14.6	3.64	15.5	12.0	3.70
906	23.9	14.0	11.7	3.20	15.4	8.9	3.30	16.6	3.9	3.36	13.3	11.8	3.52	14.7	8.9	3.63	15.8	3.9	3.70
	26.7	14.6	13.5	3.21	15.7	11.1	3.31	16.6	7.3	3.37	13.8	13.3	3.53	14.9	11.2	3.64	15.8	7.3	3.71
	29.4	15.1	14.8	3.22	15.9	13.4	3.32	16.6	10.1	3.38	14.4	14.4	3.54	15.2	13.5	3.65	15.7	10.1	3.72
	32.2	15.6	15.6	3.23	16.1	14.9	3.33	16.5	12.3	3.39	14.8	14.8	3.55	15.3	15.0	3.66	15.6	12.3	3.73

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	11.3	9.4	3.67	12.5	7.1	3.79	13.4	3.1	3.86	10.5	9.0	3.88	11.6	6.8	4.01	12.5	3.0	4.08	9.2	8.2	4.06	10.2	6.2	4.19	11.0	2.7	4.27
	26.7	11.8	10.8	3.68	12.7	8.9	3.80	13.4	5.8	3.87	11.0	10.3	3.90	11.8	8.5	4.02	12.5	5.6	4.09	9.6	9.4	4.08	10.4	7.8	4.20	11.0	5.1	4.28
	29.4	12.2	11.8	3.69	12.9	10.7	3.81	13.4	8.1	3.88	11.4	11.3	3.91	12.0	10.3	4.03	12.4	7.7	4.11	10.0	10.0	4.09	10.6	9.3	4.22	11.0	7.0	4.29
	32.2	12.6	12.5	3.70	13.0	11.9	3.82	13.3	9.8	3.89	11.7	11.7	3.92	12.1	11.4	4.04	12.4	9.4	4.12	10.3	10.3	4.10	10.7	10.4	4.23	10.9	8.6	4.31
680	23.9	11.9	10.1	3.70	13.1	7.6	3.81	14.1	3.4	3.89	11.0	9.7	3.91	12.2	7.3	4.03	13.1	3.2	4.11	9.7	8.8	4.09	10.7	6.6	4.22	11.6	2.9	4.30
	26.7	12.4	11.6	3.71	13.4	9.6	3.83	14.1	6.3	3.90	11.5	11.1	3.92	12.4	9.2	4.05	13.1	6.0	4.12	10.1	10.1	4.10	10.9	8.3	4.23	11.6	5.4	4.31
	29.4	12.9	12.7	3.72	13.6	11.5	3.84	14.1	8.7	3.91	12.0	12.0	3.93	12.6	11.0	4.06	13.1	8.3	4.13	10.5	10.5	4.11	11.1	10.0	4.24	11.5	7.5	4.32
	32.2	13.3	13.3	3.73	13.7	12.8	3.85	14.0	10.5	3.92	12.3	12.3	3.95	12.7	12.3	4.07	13.0	10.1	4.15	10.9	10.9	4.13	11.2	11.1	4.26	11.5	9.2	4.34
755	23.9	12.1	10.6	3.72	13.4	8.0	3.84	14.4	3.5	3.91	11.3	10.2	3.94	12.5	7.7	4.06	13.4	3.4	4.14	9.9	9.2	4.12	11.0	7.0	4.25	11.8	3.1	4.33
	26.7	12.7	12.2	3.74	13.7	10.1	3.85	14.4	6.6	3.93	11.8	11.7	3.95	12.7	9.6	4.07	13.4	6.3	4.15	10.4	10.4	4.13	11.2	8.8	4.26	11.8	5.7	4.34
	29.4	13.1	13.1	3.75	13.8	12.1	3.87	14.4	9.1	3.94	12.2	12.2	3.96	12.9	11.6	4.09	13.4	8.7	4.16	10.7	10.7	4.14	11.3	10.5	4.27	11.8	7.9	4.35
	32.2	13.6	13.6	3.76	14.0	13.5	3.88	14.3	11.1	3.95	12.6	12.6	3.97	13.0	12.9	4.10	13.3	10.6	4.17	11.1	11.1	4.15	11.5	11.5	4.29	11.7	9.7	4.36
831	23.9	12.4	10.9	3.75	13.7	8.3	3.87	14.7	3.7	3.94	11.5	10.5	3.96	12.7	7.9	4.09	13.7	3.5	4.17	10.1	9.5	4.14	11.2	7.2	4.27	12.1	3.2	4.35
	26.7	12.9	12.5	3.76	14.0	10.4	3.88	14.7	6.8	3.95	12.0	12.0	3.98	13.0	9.9	4.10	13.7	6.5	4.18	10.6	10.6	4.16	11.4	9.0	4.29	12.1	5.9	4.37
	29.4	13.4	13.4	3.77	14.2	12.5	3.89	14.7	9.4	3.97	12.5	12.5	3.99	13.2	12.0	4.11	13.7	9.0	4.19	11.0	11.0	4.17	11.6	10.9	4.30	12.0	8.2	4.38
	32.2	13.9	13.9	3.79	14.3	13.9	3.90	14.6	11.4	3.98	12.9	12.9	4.00	13.3	13.3	4.13	13.6	11.0	4.20	11.3	11.3	4.18	11.7	11.7	4.31	12.0	9.9	4.39
906	23.9	12.5	11.2	3.78	13.8	8.5	3.90	14.9	3.7	3.97	11.6	10.8	3.99	12.8	8.1	4.12	13.8	3.6	4.19	10.2	9.8	4.17	11.3	7.4	4.30	12.2	3.3	4.38
	26.7	13.0	12.9	3.79	14.1	10.6	3.91	14.9	7.0	3.98	12.1	12.1	4.00	13.1	10.2	4.13	13.8	6.7	4.21	10.7	10.7	4.18	11.5	9.2	4.31	12.2	6.1	4.39
	29.4	13.5	13.5	3.80	14.3	12.8	3.92	14.8	9.6	3.99	12.6	12.6	4.02	13.3	12.3	4.14	13.8	9.2	4.22	11.1	11.1	4.20	11.7	11.1	4.33	12.1	8.4	4.41
	32.2	14.0	14.0	3.81	14.4	14.2	3.93	14.7	11.7	4.01	13.0	13.0	4.03	13.4	13.4	4.15	13.7	11.2	4.23	11.4	11.4	4.21	11.8	11.8	4.34	12.1	10.2	4.42

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-04B0A(C)H/LK-C048BHA0 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	12.9	10.0	3.87	14.2	7.6	3.99	15.3	3.4	4.06	12.2	10.1	4.27	13.5	7.6	4.40	14.5	3.4	4.48
	26.7	13.4	11.5	3.88	14.5	9.5	4.00	15.3	6.2	4.08	12.8	11.6	4.28	13.8	9.6	4.41	14.5	6.3	4.50
	29.4	13.9	12.6	3.89	14.7	11.5	4.01	15.3	8.6	4.09	13.2	12.7	4.29	14.0	11.5	4.43	14.5	8.7	4.51
	32.2	14.4	13.3	3.90	14.9	12.7	4.03	15.2	10.5	4.10	13.7	13.4	4.30	14.1	12.8	4.44	14.4	10.6	4.52
680	23.9	13.5	10.8	3.90	15.0	8.2	4.02	16.1	3.6	4.10	12.9	10.8	4.30	14.2	8.2	4.44	15.3	3.6	4.52
	26.7	14.1	12.4	3.91	15.2	10.2	4.04	16.1	6.7	4.11	13.4	12.4	4.31	14.5	10.3	4.45	15.3	6.7	4.53
	29.4	14.7	13.6	3.92	15.5	12.3	4.05	16.1	9.3	4.12	13.9	13.6	4.33	14.7	12.4	4.46	15.3	9.3	4.54
	32.2	15.1	14.3	3.94	15.6	13.7	4.06	16.0	11.3	4.14	14.4	14.3	4.34	14.9	13.7	4.48	15.2	11.3	4.56
755	23.9	13.8	11.2	3.93	15.3	8.5	4.06	16.4	3.7	4.13	13.1	11.2	4.35	14.5	8.5	4.49	15.6	3.8	4.57
	26.7	14.4	12.8	3.95	15.6	10.6	4.07	16.4	6.9	4.15	13.7	12.9	4.36	14.8	10.7	4.50	15.6	7.0	4.58
	29.4	15.0	14.1	3.96	15.8	12.8	4.08	16.4	9.6	4.16	14.2	14.1	4.38	15.0	12.8	4.51	15.6	9.6	4.60
	32.2	15.5	14.8	3.97	16.0	14.2	4.10	16.3	11.7	4.17	14.7	14.7	4.39	15.2	14.3	4.53	15.5	11.7	4.61
831	23.9	14.1	11.7	3.97	15.6	8.8	4.09	16.8	3.9	4.17	13.4	11.7	4.37	14.9	8.9	4.50	16.0	3.9	4.59
	26.7	14.7	13.4	3.98	15.9	11.1	4.11	16.8	7.3	4.18	14.0	13.5	4.38	15.1	11.1	4.52	16.0	7.3	4.60
	29.4	15.3	14.7	3.99	16.1	13.3	4.12	16.8	10.0	4.19	14.5	14.5	4.39	15.3	13.4	4.53	15.9	10.1	4.62
	32.2	15.8	15.5	4.00	16.3	14.8	4.13	16.7	12.2	4.21	15.0	15.0	4.41	15.5	14.9	4.54	15.8	12.3	4.63
906	23.9	14.2	12.0	4.00	15.8	9.1	4.13	16.9	4.0	4.20	13.5	12.0	4.40	15.0	9.1	4.54	16.1	4.0	4.62
	26.7	14.9	13.8	4.01	16.0	11.4	4.14	16.9	7.4	4.22	14.1	13.6	4.41	15.2	11.4	4.55	16.1	7.5	4.64
	29.4	15.4	15.1	4.03	16.3	13.7	4.15	16.9	10.3	4.23	14.7	14.7	4.43	15.5	13.7	4.57	16.1	10.3	4.65
	32.2	15.9	15.9	4.04	16.4	15.2	4.16	16.8	12.5	4.24	15.1	15.1	4.44	15.6	15.3	4.58	16.0	12.6	4.66

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	11.5	9.6	4.59	12.7	7.3	4.73	13.7	3.2	4.82	10.7	9.2	4.86	11.8	7.0	5.01	12.7	3.1	5.10	9.4	8.3	5.08	10.4	6.3	5.24	11.2	2.8	5.34
	26.7	12.0	11.0	4.60	13.0	9.1	4.75	13.7	6.0	4.84	11.2	10.6	4.87	12.1	8.7	5.02	12.7	5.7	5.12	9.8	9.6	5.09	10.6	7.9	5.26	11.2	5.2	5.35
	29.4	12.5	12.1	4.62	13.2	11.0	4.76	13.7	8.2	4.85	11.6	11.6	4.88	12.2	10.5	5.04	12.7	7.9	5.13	10.2	10.2	5.11	10.8	9.5	5.27	11.2	7.2	5.37
	32.2	12.9	12.7	4.63	13.3	12.2	4.78	13.6	10.0	4.86	12.0	12.0	4.90	12.4	11.7	5.05	12.6	9.6	5.15	10.5	10.5	5.12	10.9	10.6	5.29	11.1	8.7	5.38
680	23.9	12.1	10.3	4.62	13.4	7.8	4.77	14.4	3.4	4.86	11.3	9.9	4.89	12.5	7.5	5.04	13.4	3.3	5.14	9.9	8.9	5.11	11.0	6.8	5.27	11.8	3.0	5.37
	26.7	12.6	11.8	4.64	13.6	9.8	4.78	14.4	6.4	4.87	11.8	11.3	4.90	12.7	9.3	5.06	13.4	6.1	5.15	10.3	10.3	5.13	11.2	8.5	5.29	11.8	5.6	5.39
	29.4	13.1	12.9	4.65	13.8	11.7	4.80	14.4	8.8	4.89	12.2	12.2	4.92	12.9	11.3	5.07	13.4	8.5	5.17	10.7	10.7	5.14	11.3	10.2	5.31	11.8	7.7	5.40
	32.2	13.5	13.5	4.66	14.0	13.0	4.81	14.3	10.8	4.90	12.6	12.6	4.93	13.0	12.5	5.09	13.3	10.3	5.18	11.1	11.1	5.16	11.4	11.3	5.32	11.7	9.4	5.42
755	23.9	12.4	10.7	4.66	13.7	8.1	4.80	14.7	3.6	4.89	11.5	10.2	4.92	12.7	7.8	5.08	13.7	3.4	5.17	10.1	9.3	5.15	11.2	7.0	5.31	12.0	3.1	5.41
	26.7	12.9	12.3	4.67	13.9	10.1	4.82	14.7	6.6	4.91	12.0	11.8	4.94	12.9	9.7	5.09	13.7	6.4	5.19	10.6	10.6	5.16	11.4	8.8	5.32	12.0	5.8	5.42
	29.4	13.4	13.4	4.68	14.1	12.2	4.83	14.7	9.2	4.92	12.5	12.5	4.95	13.1	11.7	5.11	13.6	8.8	5.20	11.0	11.0	5.18	11.6	10.6	5.34	12.0	8.0	5.44
	32.2	13.8	13.8	4.70	14.3	13.5	4.85	14.6	11.2	4.94	12.9	12.9	4.97	13.3	13.0	5.12	13.6	10.7	5.22	11.3	11.3	5.19	11.7	11.7	5.36	11.9	9.7	5.46
831	23.9	12.6	11.1	4.69	14.0	8.4	4.84	15.0	3.7	4.93	11.8	10.7	4.96	13.0	8.1	5.11	14.0	3.6	5.21	10.4	9.7	5.18	11.4	7.3	5.34	12.3	3.2	5.44
	26.7	13.2	12.8	4.70	14.2	10.6	4.85	15.0	6.9	4.94	12.3	12.3	4.97	13.2	10.1	5.13	14.0	6.6	5.22	10.8	10.8	5.20	11.7	9.2	5.36	12.3	6.0	5.46
	29.4	13.7	13.7	4.72	14.4	12.7	4.87	15.0	9.6	4.96	12.7	12.7	4.99	13.4	12.2	5.14	13.9	9.2	5.24	11.2	11.2	5.21	11.8	11.1	5.38	12.3	8.3	5.47
	32.2	14.1	14.1	4.73	14.6	14.1	4.88	14.9	11.7	4.97	13.2	13.2	5.00	13.6	13.6	5.16	13.9	11.2	5.25	11.6	11.6	5.23	11.9	11.9	5.39	12.2	10.1	5.49
906	23.9	12.7	11.4	4.72	14.1	8.7	4.87	15.2	3.8	4.96	11.9	11.0	4.99	13.1	8.3	5.15	14.1	3.7	5.24	10.4	9.9	5.21	11.5	7.5	5.38	12.4	3.3	5.48
	26.7	13.3	13.1	4.74	14.3	10.8	4.89	15.2	7.1	4.98	12.4	12.4	5.00	13.3	10.4	5.16	14.1	6.8	5.26	10.9	10.9	5.23	11.7	9.4	5.39	12.4	6.2	5.49
	29.4	13.8	13.8	4.75	14.6	13.1	4.90	15.1	9.8	4.99	12.8	12.8	5.02	13.5	12.5	5.18	14.1	9.4	5.27	11.3	11.3	5.24	11.9	11.4	5.41	12.4	8.5	5.51
	32.2	14.3	14.3	4.77	14.7	14.5	4.92	15.0	12.0	5.01	13.3	13.3	5.03	13.7	13.7	5.19	14.0	11.5	5.29	11.7	11.7	5.26	12.0	12.0	5.43	12.3	10.4	5.53

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-05B0CC (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
698	23.9	16.6	12.9	4.47	18.3	9.8	4.61	19.7	4.3	4.70	16.0	13.2	4.93	17.7	10.0	5.09	19.0	4.4	5.18
	26.7	17.3	14.9	4.48	18.7	12.3	4.63	19.7	8.0	4.71	16.7	15.1	4.95	18.0	12.5	5.10	19.0	8.2	5.20
	29.4	18.0	16.3	4.50	18.9	14.8	4.64	19.7	11.1	4.73	17.3	16.6	4.96	18.3	15.1	5.12	19.0	11.3	5.21
	32.2	18.5	17.2	4.51	19.1	16.4	4.65	19.5	13.5	4.74	17.9	17.5	4.98	18.5	16.7	5.13	18.9	13.8	5.23
786	23.9	17.4	13.9	4.51	19.3	10.5	4.65	20.7	4.6	4.74	16.8	14.1	4.97	18.6	10.7	5.13	20.0	4.7	5.22
	26.7	18.2	15.9	4.52	19.6	13.2	4.67	20.7	8.6	4.75	17.6	16.2	4.99	18.9	13.4	5.14	20.0	8.8	5.24
	29.4	18.9	17.5	4.54	19.9	15.8	4.68	20.7	11.9	4.77	18.2	17.8	5.00	19.2	16.2	5.16	20.0	12.1	5.25
	32.2	19.5	18.4	4.55	20.1	17.6	4.69	20.6	14.5	4.78	18.8	18.7	5.01	19.4	17.9	5.17	19.8	14.8	5.27
873	23.9	17.8	14.6	4.55	19.7	11.1	4.69	21.2	4.9	4.78	17.2	14.9	5.03	19.0	11.3	5.19	20.4	5.0	5.28
	26.7	18.6	16.8	4.56	20.1	13.9	4.71	21.2	9.1	4.79	17.9	17.1	5.04	19.3	14.1	5.20	20.4	9.2	5.30
	29.4	19.3	18.4	4.58	20.3	16.7	4.72	21.1	12.6	4.81	18.6	18.6	5.06	19.6	17.0	5.22	20.4	12.8	5.31
	32.2	19.9	19.4	4.59	20.6	18.5	4.73	21.0	15.3	4.82	19.2	19.2	5.07	19.8	18.9	5.23	20.3	15.6	5.33
960	23.9	18.2	15.0	4.59	20.1	11.4	4.73	21.6	5.0	4.82	17.6	15.3	5.05	19.4	11.6	5.21	20.9	5.1	5.30
	26.7	19.0	17.3	4.60	20.5	14.3	4.75	21.7	9.3	4.83	18.3	17.6	5.06	19.8	14.5	5.22	20.9	9.5	5.32
	29.4	19.7	18.9	4.61	20.8	17.2	4.76	21.6	12.9	4.85	19.0	19.0	5.08	20.1	17.5	5.24	20.8	13.2	5.34
	32.2	20.4	19.9	4.63	21.0	19.1	4.77	21.5	15.7	4.86	19.6	19.6	5.09	20.3	19.5	5.25	20.7	16.0	5.35
1048	23.9	18.4	15.4	4.63	20.3	11.7	4.77	21.8	5.2	4.86	17.7	15.7	5.09	19.6	11.9	5.25	21.0	5.3	5.34
	26.7	19.1	17.7	4.64	20.7	14.6	4.79	21.8	9.6	4.87	18.5	17.7	5.10	19.9	14.9	5.26	21.1	9.8	5.36
	29.4	19.9	19.4	4.65	21.0	17.6	4.80	21.8	13.3	4.89	19.2	19.2	5.12	20.2	18.0	5.28	21.0	13.5	5.38
	32.2	20.5	20.5	4.67	21.2	19.6	4.81	21.6	16.2	4.90	19.8	19.8	5.13	20.4	20.0	5.29	20.9	16.5	5.39

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
698	23.9	15.1	12.6	5.30	16.7	9.5	5.47	18.0	4.2	5.57	14.1	12.1	5.61	15.6	9.2	5.79	16.8	4.1	5.90	13.0	11.5	5.87	14.3	8.7	6.06	15.4	3.8	6.17
	26.7	15.8	14.5	5.32	17.0	11.9	5.49	18.0	7.8	5.59	14.8	13.9	5.63	15.9	11.5	5.81	16.8	7.5	5.91	13.5	13.2	5.89	14.6	10.9	6.07	15.4	7.1	6.19
	29.4	16.4	15.9	5.34	17.3	14.4	5.50	17.9	10.8	5.61	15.3	15.3	5.65	16.2	13.9	5.82	16.8	10.4	5.93	14.1	14.1	5.91	14.8	13.1	6.09	15.4	9.9	6.21
	32.2	16.9	16.7	5.35	17.5	16.0	5.52	17.8	13.2	5.62	15.8	15.8	5.66	16.3	15.4	5.84	16.7	12.7	5.95	14.5	14.5	5.92	15.0	14.6	6.11	15.3	12.0	6.22
786	23.9	15.9	13.5	5.34	17.6	10.2	5.51	18.9	4.5	5.61	14.9	13.0	5.65	16.4	9.9	5.83	17.7	4.4	5.94	13.6	12.3	5.91	15.1	9.3	6.10	16.2	4.1	6.21
	26.7	16.6	15.5	5.36	17.9	12.8	5.53	18.9	8.4	5.63	15.5	15.0	5.67	16.7	12.3	5.85	17.7	8.1	5.96	14.2	14.1	5.93	15.4	11.7	6.11	16.2	7.6	6.23
	29.4	17.2	17.0	5.38	18.2	15.4	5.54	18.9	11.6	5.65	16.1	16.1	5.69	17.0	14.9	5.86	17.6	11.2	5.97	14.8	14.8	5.95	15.6	14.1	6.13	16.2	10.6	6.25
	32.2	17.8	17.8	5.39	18.4	17.1	5.56	18.8	14.1	5.66	16.6	16.6	5.70	17.2	16.5	5.88	17.5	13.6	5.99	15.3	15.3	5.96	15.8	15.6	6.15	16.1	12.9	6.27
873	23.9	16.3	14.2	5.38	18.0	10.8	5.55	19.3	4.8	5.65	15.2	13.7	5.69	16.8	10.4	5.87	18.1	4.6	5.98	13.9	13.0	5.95	15.4	9.8	6.14	16.6	4.3	6.25
	26.7	17.0	16.3	5.40	18.3	13.5	5.57	19.3	8.8	5.67	15.9	15.7	5.71	17.1	13.0	5.89	18.1	8.5	6.00	14.5	14.5	5.97	15.7	12.3	6.15	16.6	8.0	6.27
	29.4	17.6	17.6	5.41	18.6	16.2	5.59	19.3	12.2	5.69	16.5	16.5	5.72	17.4	15.7	5.90	18.0	12.1	6.01	15.1	15.1	5.98	15.9	14.8	6.17	16.5	11.1	6.29
	32.2	18.2	18.2	5.43	18.8	18.1	5.60	19.2	14.9	5.71	17.0	17.0	5.74	17.5	17.4	5.92	17.9	14.8	6.03	15.6	15.6	6.00	16.1	16.1	6.19	16.4	13.6	6.31
960	23.9	16.6	14.6	5.42	18.4	11.1	5.59	19.8	4.9	5.70	15.5	14.1	5.73	17.2	10.7	5.91	18.5	4.7	6.02	14.3	13.3	5.99	15.8	10.1	6.18	16.9	4.5	6.29
	26.7	17.3	16.8	5.44	18.7	13.9	5.61	19.8	9.1	5.71	16.2	16.2	5.75	17.5	13.4	5.93	18.5	8.8	6.04	14.9	14.9	6.01	16.0	12.7	6.19	16.9	8.3	6.31
	29.4	18.0	18.0	5.45	19.0	16.7	5.63	19.7	12.6	5.73	16.8	16.8	5.76	17.7	16.1	5.94	18.4	12.1	6.06	15.4	15.4	6.02	16.3	15.2	6.21	16.9	11.5	6.33
	32.2	18.6	18.6	5.47	19.2	18.6	5.64	19.6	15.3	5.75	17.4	17.4	5.78	17.9	17.9	5.96	18.3	14.8	6.07	15.9	15.9	6.04	16.4	16.4	6.23	16.8	14.0	6.35
1048	23.9	16.8	15.0	5.46	18.5	11.4	5.63	19.9	5.0	5.74	15.7	14.5	5.77	17.3	11.0	5.95	18.6	4.8	6.06	14.4	13.7	6.03	15.9	10.4	6.22	17.1	4.6	6.33
	26.7	17.5	17.3	5.48	18.9	14.3	5.65	19.9	9.3	5.75	16.3	16.3	5.78	17.6	13.7	5.97	18.6	9.0	6.08	15.0	15.0	6.04	16.2	13.0	6.23	17.1	8.5	6.35
	29.4	18.1	18.1	5.49	19.1	17.2	5.67	19.9	12.9	5.77	17.0	17.0	5.80	17.9	16.5	5.99	18.6	12.4	6.10	15.5	15.5	6.06	16.4	15.6	6.25	17.0	11.8	6.37
	32.2	18.7	18.7	5.51	19.3	19.1	5.68	19.7	15.7	5.79	17.5	17.5	5.82	18.1	18.1	6.00	18.5	15.2	6.11	16.1	16.1	6.08	16.6	16.6	6.27	16.9	14.3	6.39

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0529A(C)H (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	15.5	12.1	4.47	17.1	9.2	4.61	18.4	4.0	4.70	14.7	12.1	4.93	16.3	9.2	5.09	17.5	4.1	5.18
	26.7	16.2	13.9	4.48	17.4	11.5	4.62	18.4	7.5	4.71	15.4	13.9	4.94	16.6	11.5	5.10	17.5	7.5	5.20
	29.4	16.8	15.2	4.50	17.7	13.8	4.64	18.4	10.4	4.72	15.9	15.3	4.96	16.8	13.9	5.12	17.5	10.4	5.21
	32.2	17.3	16.0	4.51	17.9	15.3	4.65	18.3	12.6	4.74	16.5	16.1	4.97	17.0	15.4	5.13	17.3	12.7	5.23
849	23.9	16.3	13.0	4.51	18.0	9.8	4.65	19.4	4.3	4.74	15.5	13.0	4.97	17.1	9.9	5.12	18.4	4.3	5.22
	26.7	17.0	14.9	4.52	18.3	12.3	4.66	19.4	8.0	4.75	16.2	14.9	4.98	17.4	12.3	5.14	18.4	8.1	5.24
	29.4	17.6	16.3	4.53	18.6	14.8	4.68	19.3	11.1	4.76	16.8	16.4	5.00	17.7	14.9	5.16	18.4	11.2	5.25
	32.2	18.2	17.2	4.55	18.8	16.4	4.69	19.2	13.6	4.78	17.3	17.2	5.01	17.9	16.5	5.17	18.2	13.6	5.27
944	23.9	16.6	13.6	4.55	18.4	10.3	4.69	19.8	4.6	4.78	15.8	13.7	5.03	17.5	10.4	5.18	18.8	4.6	5.28
	26.7	17.4	15.7	4.56	18.7	12.9	4.70	19.8	8.5	4.79	16.5	15.7	5.04	17.8	13.0	5.20	18.8	8.5	5.30
	29.4	18.0	17.2	4.57	19.0	15.6	4.72	19.7	11.7	4.81	17.1	17.1	5.06	18.1	15.6	5.22	18.8	11.8	5.31
	32.2	18.6	18.1	4.59	19.2	17.3	4.73	19.6	14.3	4.82	17.7	17.7	5.07	18.2	17.4	5.23	18.6	14.3	5.33
1038	23.9	17.0	14.0	4.58	18.8	10.6	4.73	20.2	4.7	4.82	16.2	14.1	5.05	17.9	10.7	5.20	19.2	4.7	5.30
	26.7	17.7	16.1	4.60	19.1	13.3	4.74	20.2	8.7	4.83	16.9	16.2	5.06	18.2	13.4	5.22	19.2	8.8	5.32
	29.4	18.4	17.7	4.61	19.4	16.0	4.76	20.2	12.1	4.85	17.5	17.5	5.08	18.5	16.1	5.24	19.2	12.1	5.33
	32.2	19.0	18.6	4.63	19.6	17.8	4.77	20.0	14.7	4.86	18.1	18.1	5.09	18.7	17.9	5.25	19.1	14.8	5.35
1133	23.9	17.1	14.4	4.62	18.9	10.9	4.77	20.4	4.8	4.86	16.3	14.5	5.08	18.0	11.0	5.24	19.4	4.8	5.34
	26.7	17.9	16.6	4.64	19.3	13.7	4.78	20.4	9.0	4.87	17.0	16.3	5.10	18.3	13.7	5.26	19.4	9.0	5.36
	29.4	18.6	18.1	4.65	19.6	16.5	4.80	20.3	12.4	4.89	17.6	17.6	5.11	18.6	16.5	5.28	19.3	12.4	5.37
	32.2	19.2	19.1	4.67	19.8	18.3	4.81	20.2	15.1	4.90	18.2	18.2	5.13	18.8	18.4	5.29	19.2	15.1	5.39

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	13.9	11.5	5.30	15.3	8.7	5.47	16.5	3.9	5.57	12.9	11.1	5.61	14.2	8.4	5.79	15.3	3.7	5.89	11.3	10.0	5.87	12.5	7.6	6.05	13.5	3.4	6.17
	26.7	14.5	13.2	5.32	15.6	10.9	5.49	16.5	7.2	5.59	13.4	12.7	5.63	14.5	10.5	5.80	15.3	6.9	5.91	11.8	11.5	5.89	12.8	9.5	6.07	13.5	6.2	6.19
	29.4	15.0	14.5	5.33	15.8	13.2	5.50	16.4	9.9	5.60	14.0	13.9	5.64	14.7	12.6	5.82	15.3	9.5	5.93	12.3	12.3	5.90	12.9	11.5	6.09	13.4	8.6	6.20
	32.2	15.5	15.3	5.35	16.0	14.6	5.52	16.3	12.1	5.62	14.4	14.4	5.66	14.9	14.0	5.84	15.2	11.6	5.95	12.7	12.7	5.92	13.1	12.7	6.11	13.4	10.5	6.22
849	23.9	14.6	12.4	5.34	16.1	9.4	5.51	17.3	4.1	5.61	13.6	11.9	5.65	15.0	9.0	5.83	16.1	4.0	5.94	11.9	10.8	5.91	13.2	8.1	6.09	14.2	3.6	6.21
	26.7	15.2	14.2	5.36	16.4	11.7	5.53	17.3	7.7	5.63	14.1	13.6	5.67	15.3	11.2	5.84	16.1	7.4	5.95	12.4	12.4	5.93	13.4	10.2	6.11	14.2	6.7	6.23
	29.4	15.8	15.6	5.37	16.6	14.1	5.54	17.3	10.6	5.65	14.7	14.7	5.68	15.5	13.5	5.86	16.1	10.2	5.97	12.9	12.9	5.94	13.6	12.3	6.13	14.1	9.2	6.24
	32.2	16.3	16.3	5.39	16.8	15.7	5.56	17.2	12.9	5.66	15.2	15.2	5.70	15.6	15.0	5.88	16.0	12.4	5.99	13.3	13.3	5.96	13.8	13.6	6.15	14.1	11.3	6.26
944	23.9	14.9	13.0	5.38	16.5	9.9	5.55	17.7	4.4	5.65	13.8	12.5	5.69	15.3	9.5	5.87	16.5	4.2	5.98	12.2	11.3	5.95	13.5	8.6	6.13	14.5	3.8	6.25
	26.7	15.5	15.0	5.40	16.8	12.4	5.57	17.7	8.1	5.67	14.4	14.3	5.70	15.6	11.8	5.88	16.5	7.8	5.99	12.7	12.7	5.96	13.7	10.7	6.15	14.5	7.0	6.27
	29.4	16.1	16.1	5.41	17.0	14.9	5.58	17.7	11.2	5.69	15.0	15.0	5.72	15.8	14.3	5.90	16.4	10.7	6.01	13.2	13.2	5.98	13.9	12.9	6.17	14.4	9.7	6.29
	32.2	16.6	16.6	5.43	17.2	16.5	5.60	17.5	13.6	5.70	15.5	15.5	5.74	16.0	15.8	5.92	16.3	13.1	6.03	13.6	13.6	6.00	14.1	14.1	6.19	14.4	11.8	6.30
1038	23.9	15.2	13.4	5.42	16.8	10.2	5.59	18.1	4.5	5.69	14.1	12.9	5.73	15.6	9.7	5.91	16.8	4.3	6.02	12.5	11.7	5.99	13.8	8.8	6.17	14.8	3.9	6.29
	26.7	15.9	15.4	5.43	17.1	12.7	5.61	18.1	8.3	5.71	14.8	14.8	5.74	15.9	12.2	5.92	16.8	8.0	6.03	13.0	13.0	6.00	14.0	11.1	6.19	14.8	7.2	6.31
	29.4	16.5	16.5	5.45	17.4	15.3	5.62	18.0	11.5	5.73	15.3	15.3	5.76	16.2	14.7	5.94	16.8	11.0	6.05	13.5	13.5	6.02	14.2	13.3	6.21	14.8	10.0	6.33
	32.2	17.0	17.0	5.47	17.6	17.0	5.64	17.9	14.0	5.74	15.8	15.8	5.78	16.3	16.3	5.96	16.7	13.5	6.07	13.9	13.9	6.04	14.4	14.4	6.23	14.7	12.2	6.35
1133	23.9	15.3	13.8	5.46	17.0	10.4	5.63	18.2	4.6	5.73	14.3	13.2	5.77	15.8	10.0	5.95	16.9	4.4	6.06	12.6	12.0	6.02	13.9	9.1	6.21	14.9	4.0	6.33
	26.7	16.0	15.8	5.47	17.3	13.1	5.65	18.2	8.5	5.75	14.9	14.9	5.78	16.0	12.5	5.96	17.0	8.2	6.08	13.1	13.1	6.04	14.1	11.4	6.23	14.9	7.4	6.35
	29.4	16.6	16.6	5.49	17.5	15.7	5.66	18.2	11.8	5.77	15.4	15.4	5.80	16.3	15.1	5.98	16.9	11.3	6.09	13.6	13.6	6.06	14.3	13.7	6.25	14.9	10.3	6.37
	32.2	17.1	17.1	5.51	17.7	17.5	5.68	18.1	14.4	5.79	15.9	15.9	5.82	16.5	16.5	6.00	16.8	13.8	6.11	14.0	14.0	6.08	14.5	14.5	6.27	14.8	12.5	6.39

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C0602HA0 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	15.2	12.3	4.66	16.8	9.2	4.81	18.1	4.1	4.90	14.7	12.1	5.34	16.2	9.1	5.51	17.4	4.1	5.61
	26.7	15.8	14.1	4.67	17.1	11.6	4.82	18.1	7.6	4.91	15.3	13.9	5.36	16.5	11.5	5.53	17.4	7.5	5.63
	29.4	16.4	15.4	4.69	17.3	13.9	4.84	18.0	10.5	4.93	15.9	15.3	5.37	16.7	13.8	5.54	17.4	10.4	5.65
	32.2	17.0	16.3	4.70	17.5	15.5	4.85	17.9	12.9	4.94	16.4	16.1	5.39	16.9	15.4	5.56	17.3	12.7	5.66
850	23.9	15.8	13.5	4.70	17.5	10.2	4.85	18.8	4.5	4.94	15.3	13.4	5.39	16.9	10.1	5.56	18.1	4.5	5.66
	26.7	16.5	15.5	4.72	17.8	12.8	4.86	18.8	8.4	4.95	15.9	15.3	5.41	17.2	12.7	5.58	18.2	8.3	5.68
	29.4	17.1	17.0	4.73	18.1	15.3	4.88	18.8	11.6	4.97	16.5	16.5	5.42	17.4	15.2	5.59	18.1	11.5	5.70
	32.2	17.7	17.7	4.74	18.3	17.1	4.89	18.7	14.2	4.98	17.1	17.1	5.44	17.6	16.9	5.61	18.0	14.0	5.71
944	23.9	16.3	14.7	4.75	18.0	11.1	4.90	19.4	4.9	4.99	15.7	14.6	5.45	17.4	11.0	5.62	18.7	4.9	5.72
	26.7	17.0	16.9	4.77	18.3	13.9	4.92	19.4	9.1	5.01	16.4	16.4	5.46	17.7	13.8	5.64	18.7	9.0	5.74
	29.4	17.7	17.7	4.78	18.6	16.7	4.93	19.3	12.6	5.02	17.0	17.0	5.48	18.0	16.5	5.65	18.7	12.5	5.76
	32.2	18.2	18.2	4.79	18.8	18.6	4.95	19.2	15.4	5.04	17.6	17.6	5.50	18.2	18.2	5.67	18.5	15.3	5.78
1038	23.9	16.6	15.7	4.78	18.4	11.8	4.93	19.7	5.3	5.02	16.0	15.6	5.48	17.7	11.7	5.65	19.1	5.2	5.76
	26.7	17.3	17.3	4.79	18.7	14.9	4.94	19.8	9.7	5.04	16.7	16.7	5.49	18.0	14.8	5.67	19.1	9.6	5.77
	29.4	18.0	18.0	4.81	19.0	17.9	4.96	19.7	13.5	5.05	17.4	17.4	5.51	18.3	17.7	5.68	19.0	13.4	5.79
	32.2	18.6	18.6	4.82	19.2	19.2	4.97	19.6	16.5	5.07	17.9	17.9	5.53	18.5	18.5	5.70	18.9	16.4	5.81
1133	23.9	16.8	16.7	4.80	18.5	12.5	4.96	19.9	5.6	5.05	16.2	16.2	5.51	17.9	12.4	5.68	19.2	5.5	5.79
	26.7	17.5	17.5	4.82	18.9	15.8	4.97	19.9	10.3	5.06	16.9	16.9	5.52	18.2	15.6	5.70	19.2	10.2	5.80
	29.4	18.1	18.1	4.83	19.1	18.9	4.99	19.9	14.3	5.08	17.5	17.5	5.54	18.5	18.5	5.72	19.2	14.2	5.82
	32.2	18.7	18.7	4.85	19.3	19.3	5.00	19.8	17.5	5.09	18.1	18.1	5.56	18.7	18.7	5.73	19.1	17.3	5.84

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	13.9	11.7	5.67	15.4	8.8	5.85	16.5	3.9	5.96	13.0	11.2	6.25	14.4	8.4	6.45	15.5	3.7	6.57	12.0	10.8	6.89	13.2	8.1	7.10	14.2	3.6	7.24
	26.7	14.5	13.4	5.69	15.6	11.1	5.87	16.5	7.2	5.98	13.6	12.8	6.27	14.7	10.6	6.47	15.5	6.9	6.59	12.5	12.4	6.91	13.5	10.3	7.13	14.2	6.7	7.26
	29.4	15.1	14.7	5.71	15.9	13.2	5.89	16.5	10.0	6.00	14.1	14.1	6.29	14.9	12.7	6.49	15.4	9.6	6.61	13.0	13.0	6.93	13.7	12.3	7.15	14.2	9.3	7.28
	32.2	15.5	15.5	5.72	16.0	14.8	5.90	16.4	12.2	6.01	14.6	14.6	6.31	15.0	14.2	6.51	15.3	11.7	6.63	13.4	13.4	6.95	13.8	13.7	7.17	14.1	11.3	7.30
850	23.9	14.5	12.9	5.72	16.0	9.7	5.90	17.2	4.3	6.01	13.6	12.4	6.31	15.0	9.3	6.51	16.1	4.1	6.63	12.5	11.9	6.95	13.8	9.0	7.17	14.8	4.0	7.30
	26.7	15.1	14.7	5.74	16.3	12.2	5.92	17.2	8.0	6.03	14.2	14.1	6.33	15.3	11.7	6.53	16.1	7.6	6.65	13.0	13.0	6.97	14.0	11.3	7.19	14.8	7.4	7.32
	29.4	15.7	15.7	5.76	16.5	14.6	5.94	17.2	11.0	6.05	14.7	14.7	6.35	15.5	14.0	6.55	16.1	10.6	6.67	13.5	13.5	6.99	14.2	13.5	7.21	14.8	10.2	7.34
	32.2	16.2	16.2	5.77	16.7	16.3	5.96	17.1	13.5	6.07	15.2	15.2	6.37	15.7	15.6	6.57	16.0	12.9	6.69	14.0	14.0	7.01	14.4	14.4	7.23	14.7	12.5	7.37
944	23.9	14.9	14.0	5.78	16.5	10.5	5.97	17.7	4.7	6.08	14.0	13.4	6.38	15.4	10.1	6.58	16.6	4.5	6.70	12.9	12.9	7.02	14.2	9.8	7.24	15.3	4.3	7.38
	26.7	15.6	15.6	5.80	16.8	13.3	5.99	17.7	8.7	6.10	14.6	14.6	6.40	15.7	12.7	6.60	16.6	8.3	6.72	13.4	13.4	7.04	14.5	12.3	7.27	15.3	8.0	7.40
	29.4	16.2	16.2	5.82	17.0	15.9	6.00	17.7	12.0	6.11	15.1	15.1	6.41	16.0	15.2	6.62	16.6	11.5	6.74	13.9	13.9	7.06	14.7	14.7	7.29	15.2	11.1	7.42
	32.2	16.7	16.7	5.84	17.2	17.2	6.02	17.6	14.7	6.13	15.6	15.6	6.43	16.1	16.1	6.64	16.5	14.1	6.76	14.4	14.4	7.09	14.8	14.8	7.31	15.2	13.6	7.44
1038	23.9	15.2	15.0	5.82	16.8	11.3	6.00	18.1	5.0	6.11	14.2	14.2	6.41	15.7	10.8	6.61	16.9	4.8	6.74	13.1	13.1	7.06	14.5	10.4	7.28	15.6	4.6	7.42
	26.7	15.9	15.9	5.83	17.1	14.2	6.02	18.1	9.3	6.13	14.9	14.9	6.43	16.0	13.6	6.63	16.9	8.9	6.76	13.7	13.7	7.08	14.7	13.2	7.31	15.6	8.6	7.44
	29.4	16.5	16.5	5.85	17.4	17.0	6.04	18.0	12.8	6.15	15.4	15.4	6.45	16.3	16.3	6.65	16.9	12.3	6.78	14.2	14.2	7.10	15.0	15.0	7.33	15.5	11.9	7.46
	32.2	17.0	17.0	5.87	17.5	17.5	6.05	17.9	15.7	6.17	15.9	15.9	6.47	16.4	16.4	6.67	16.8	15.1	6.80	14.6	14.6	7.12	15.1	15.1	7.35	15.4	14.6	7.49
1133	23.9	15.3	15.3	5.85	17.0	11.9	6.03	18.2	5.3	6.14	14.4	14.4	6.45	15.9	11.5	6.65	17.1	5.1	6.77	13.2	13.2	7.10	14.6	11.1	7.32	15.7	4.9	7.46
	26.7	16.0	16.0	5.87	17.3	15.0	6.05	18.2	9.8	6.16	15.0	15.0	6.47	16.2	14.4	6.67	17.1	9.4	6.79	13.8	13.8	7.12	14.9	13.9	7.35	15.7	9.1	7.48
	29.4	16.6	16.6	5.88	17.5	17.5	6.07	18.2	13.6	6.18	15.6	15.6	6.49	16.4	16.4	6.69	17.0	13.1	6.81	14.3	14.3	7.14	15.1	15.1	7.37	15.7	12.6	7.50
	32.2	17.2	17.2	5.90	17.7	17.7	6.09	18.1	16.6	6.20	16.1	16.1	6.51	16.6	16.6	6.71	16.9	16.0	6.83	14.8	14.8	7.16	15.3	15.3	7.39	15.6	15.4	7.53

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C060BHA0 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	15.7	12.7	5.26	17.3	9.5	5.43	18.7	4.2	5.53	15.1	12.5	5.67	16.7	9.4	5.85	18.0	4.2	5.96
	26.7	16.4	14.5	5.28	17.7	12.0	5.44	18.7	7.8	5.55	15.8	14.4	5.69	17.0	11.9	5.87	18.0	7.8	5.97
	29.4	17.0	15.9	5.29	17.9	14.4	5.46	18.6	10.9	5.56	16.4	15.8	5.70	17.3	14.2	5.88	18.0	10.8	5.99
	32.2	17.5	16.8	5.31	18.1	16.0	5.48	18.5	13.3	5.58	16.9	16.7	5.72	17.5	15.9	5.90	17.8	13.2	6.01
850	23.9	16.3	14.0	5.31	18.1	10.5	5.48	19.4	4.7	5.58	15.8	13.8	5.72	17.4	10.4	5.90	18.8	4.6	6.01
	26.7	17.1	16.0	5.32	18.4	13.2	5.49	19.4	8.6	5.59	16.5	15.8	5.74	17.8	13.1	5.92	18.8	8.6	6.03
	29.4	17.7	17.5	5.34	18.7	15.8	5.51	19.4	12.0	5.61	17.1	17.1	5.75	18.0	15.7	5.94	18.7	11.9	6.05
	32.2	18.3	18.3	5.36	18.9	17.7	5.53	19.3	14.6	5.63	17.6	17.6	5.77	18.2	17.5	5.95	18.6	14.5	6.06
944	23.9	16.8	15.2	5.37	18.6	11.4	5.53	20.0	5.1	5.64	16.3	15.1	5.78	18.0	11.3	5.96	19.3	5.0	6.07
	26.7	17.6	17.4	5.38	19.0	14.4	5.55	20.0	9.4	5.65	17.0	17.0	5.80	18.3	14.3	5.98	19.3	9.3	6.09
	29.4	18.2	18.2	5.40	19.2	17.2	5.57	20.0	13.0	5.67	17.6	17.6	5.82	18.6	17.1	6.00	19.3	12.9	6.11
	32.2	18.8	18.8	5.41	19.4	19.2	5.58	19.8	15.9	5.69	18.2	18.2	5.83	18.8	18.8	6.02	19.2	15.8	6.13
1038	23.9	17.2	16.3	5.40	19.0	12.2	5.57	20.4	5.4	5.67	16.6	16.1	5.81	18.3	12.1	6.00	19.7	5.4	6.11
	26.7	17.9	17.9	5.41	19.3	15.4	5.58	20.4	10.1	5.69	17.3	17.3	5.83	18.6	15.3	6.01	19.7	10.0	6.13
	29.4	18.6	18.6	5.43	19.6	18.5	5.60	20.3	13.9	5.70	17.9	17.9	5.85	18.9	18.3	6.03	19.6	13.8	6.14
	32.2	19.2	19.2	5.44	19.8	19.8	5.62	20.2	17.1	5.72	18.5	18.5	5.87	19.1	19.1	6.05	19.5	16.9	6.16
1133	23.9	17.3	17.2	5.43	19.1	13.0	5.60	20.6	5.8	5.70	16.7	16.7	5.85	18.5	12.8	6.03	19.9	5.7	6.14
	26.7	18.1	18.1	5.44	19.5	16.3	5.61	20.6	10.7	5.72	17.4	17.4	5.86	18.8	16.2	6.05	19.9	10.5	6.16
	29.4	18.7	18.7	5.46	19.8	19.5	5.63	20.5	14.8	5.73	18.1	18.1	5.88	19.1	19.1	6.07	19.8	14.6	6.18
	32.2	19.4	19.4	5.47	20.0	20.0	5.65	20.4	18.1	5.75	18.7	18.7	5.90	19.3	19.3	6.08	19.7	17.9	6.20

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	14.4	12.1	6.27	15.9	9.1	6.47	17.1	4.0	6.59	13.4	11.6	6.86	14.9	8.7	7.07	16.0	3.9	7.20	12.4	11.2	7.49	13.7	8.4	7.72	14.7	3.7	7.87
	26.7	15.0	13.8	6.29	16.2	11.4	6.49	17.1	7.5	6.61	14.0	13.3	6.88	15.1	11.0	7.09	16.0	7.2	7.22	12.9	12.8	7.51	13.9	10.6	7.75	14.7	6.9	7.89
	29.4	15.5	15.1	6.31	16.4	13.7	6.51	17.0	10.3	6.63	14.6	14.5	6.90	15.4	13.1	7.11	15.9	9.9	7.25	13.4	13.4	7.53	14.1	12.7	7.77	14.7	9.6	7.91
	32.2	16.1	16.0	6.33	16.6	15.2	6.53	16.9	12.6	6.65	15.0	15.0	6.92	15.5	14.6	7.14	15.8	12.1	7.27	13.8	13.8	7.56	14.3	14.1	7.79	14.6	11.7	7.94
850	23.9	15.0	13.3	6.33	16.5	10.0	6.53	17.8	4.4	6.65	14.0	12.8	6.92	15.5	9.6	7.13	16.7	4.3	7.27	12.9	12.3	7.55	14.2	9.3	7.79	15.3	4.1	7.94
	26.7	15.6	15.2	6.35	16.8	12.6	6.55	17.8	8.2	6.67	14.6	14.6	6.94	15.8	12.1	7.16	16.7	7.9	7.29	13.4	13.4	7.58	14.5	11.7	7.82	15.3	7.6	7.96
	29.4	16.2	16.2	6.37	17.1	15.1	6.57	17.7	11.4	6.69	15.2	15.2	6.96	16.0	14.5	7.18	16.6	10.9	7.31	14.0	14.0	7.60	14.7	14.0	7.84	15.3	10.6	7.99
	32.2	16.7	16.7	6.39	17.3	16.8	6.59	17.6	13.9	6.71	15.7	15.7	6.98	16.2	16.1	7.20	16.5	13.4	7.33	14.4	14.4	7.62	14.9	14.9	7.86	15.2	12.9	8.01
944	23.9	15.4	14.5	6.40	17.0	10.9	6.60	18.3	4.8	6.72	14.4	13.9	6.99	16.0	10.4	7.21	17.2	4.6	7.34	13.3	13.3	7.64	14.7	10.1	7.88	15.8	4.5	8.02
	26.7	16.1	16.1	6.42	17.3	13.7	6.62	18.3	8.9	6.74	15.1	15.1	7.01	16.2	13.2	7.23	17.2	8.6	7.37	13.8	13.8	7.66	14.9	12.7	7.90	15.8	8.3	8.05
	29.4	16.7	16.7	6.44	17.6	16.4	6.64	18.3	12.4	6.76	15.6	15.6	7.03	16.5	15.7	7.25	17.1	11.9	7.39	14.4	14.4	7.68	15.2	15.2	7.92	15.7	11.5	8.07
	32.2	17.2	17.2	6.46	17.8	17.8	6.66	18.2	15.2	6.78	16.1	16.1	7.05	16.7	16.7	7.28	17.0	14.6	7.41	14.8	14.8	7.70	15.3	15.3	7.95	15.6	14.1	8.09
1038	23.9	15.7	15.5	6.43	17.4	11.6	6.64	18.7	5.2	6.76	14.7	14.7	7.03	16.3	11.2	7.25	17.5	5.0	7.38	13.5	13.5	7.68	15.0	10.8	7.92	16.1	4.8	8.07
	26.7	16.4	16.4	6.45	17.7	14.7	6.66	18.7	9.6	6.78	15.3	15.3	7.05	16.5	14.1	7.27	17.5	9.2	7.41	14.1	14.1	7.70	15.2	13.6	7.94	16.1	8.9	8.09
	29.4	17.0	17.0	6.47	17.9	17.5	6.68	18.6	13.3	6.80	15.9	15.9	7.07	16.8	16.8	7.29	17.4	12.7	7.43	14.6	14.6	7.72	15.4	15.4	7.97	16.0	12.3	8.12
	32.2	17.6	17.6	6.49	18.1	18.1	6.70	18.5	16.2	6.82	16.4	16.4	7.09	17.0	17.0	7.32	17.3	15.6	7.45	15.1	15.1	7.75	15.6	15.6	7.99	15.9	15.0	8.14
1133	23.9	15.8	15.8	6.47	17.5	12.3	6.67	18.8	5.5	6.80	14.8	14.8	7.07	16.4	11.8	7.29	17.6	5.3	7.43	13.7	13.7	7.72	15.1	11.4	7.96	16.2	5.1	8.11
	26.7	16.5	16.5	6.49	17.8	15.5	6.69	18.8	10.1	6.82	15.5	15.5	7.09	16.7	14.9	7.31	17.6	9.7	7.45	14.2	14.2	7.74	15.4	14.4	7.99	16.2	9.4	8.14
	29.4	17.2	17.2	6.51	18.1	18.1	6.71	18.8	14.0	6.84	16.1	16.1	7.11	16.9	16.9	7.33	17.6	13.5	7.47	14.8	14.8	7.77	15.6	15.6	8.01	16.2	13.0	8.16
	32.2	17.7	17.7	6.53	18.3	18.3	6.73	18.7	17.2	6.86	16.6	16.6	7.13	17.1	17.1	7.36	17.5	16.5	7.49	15.3	15.3	7.79	15.8	15.8	8.04	16.1	15.9	8.18

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-H0602H00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	15.2	12.3	4.30	16.8	9.2	4.44	18.1	4.1	4.52	14.7	12.1	4.98	16.2	9.1	5.14	17.4	4.1	5.24
	26.7	15.8	14.1	4.32	17.1	11.6	4.45	18.1	7.6	4.53	15.3	13.9	5.00	16.5	11.5	5.16	17.4	7.5	5.25
	29.4	16.4	15.4	4.33	17.3	13.9	4.47	18.0	10.5	4.55	15.9	15.3	5.01	16.7	13.8	5.17	17.4	10.4	5.27
	32.2	17.0	16.3	4.34	17.5	15.5	4.48	17.9	12.9	4.56	16.4	16.1	5.03	16.9	15.4	5.19	17.3	12.7	5.28
850	23.9	15.8	13.5	4.34	17.5	10.2	4.48	18.8	4.5	4.56	15.3	13.4	5.03	16.9	10.1	5.19	18.1	4.5	5.28
	26.7	16.5	15.5	4.35	17.8	12.8	4.49	18.8	8.4	4.57	15.9	15.3	5.04	17.2	12.7	5.20	18.2	8.3	5.30
	29.4	17.1	17.0	4.37	18.1	15.3	4.50	18.8	11.6	4.59	16.5	16.5	5.06	17.4	15.2	5.22	18.1	11.5	5.31
	32.2	17.7	17.7	4.38	18.3	17.1	4.52	18.7	14.2	4.60	17.1	17.1	5.07	17.6	16.9	5.23	18.0	14.0	5.33
944	23.9	16.3	14.7	4.39	18.0	11.1	4.53	19.4	4.9	4.61	15.7	14.6	5.08	17.4	11.0	5.24	18.7	4.9	5.34
	26.7	17.0	16.9	4.40	18.3	13.9	4.54	19.4	9.1	4.62	16.4	16.4	5.10	17.7	13.8	5.26	18.7	9.0	5.36
	29.4	17.7	17.7	4.41	18.6	16.7	4.55	19.3	12.6	4.64	17.0	17.0	5.11	18.0	16.5	5.27	18.7	12.5	5.37
	32.2	18.2	18.2	4.43	18.8	18.6	4.57	19.2	15.4	4.65	17.6	17.6	5.13	18.2	18.2	5.29	18.5	15.3	5.39
1038	23.9	16.6	15.7	4.41	18.4	11.8	4.55	19.7	5.3	4.64	16.0	15.6	5.11	17.7	11.7	5.27	19.1	5.2	5.37
	26.7	17.3	17.3	4.43	18.7	14.9	4.57	19.8	9.7	4.65	16.7	16.7	5.13	18.0	14.8	5.29	19.1	9.6	5.39
	29.4	18.0	18.0	4.44	19.0	17.9	4.58	19.7	13.5	4.66	17.4	17.4	5.14	18.3	17.7	5.30	19.0	13.4	5.40
	32.2	18.6	18.6	4.45	19.2	19.2	4.59	19.6	16.5	4.68	17.9	17.9	5.16	18.5	18.5	5.32	18.9	16.4	5.42
1133	23.9	16.8	16.7	4.44	18.5	12.5	4.58	19.9	5.6	4.66	16.2	16.2	5.14	17.9	12.4	5.30	19.2	5.5	5.40
	26.7	17.5	17.5	4.45	18.9	15.8	4.59	19.9	10.3	4.67	16.9	16.9	5.15	18.2	15.6	5.32	19.2	10.2	5.42
	29.4	18.1	18.1	4.46	19.1	18.9	4.60	19.9	14.3	4.69	17.5	17.5	5.17	18.5	18.5	5.33	19.2	14.2	5.43
	32.2	18.7	18.7	4.48	19.3	19.3	4.62	19.8	17.5	4.70	18.1	18.1	5.19	18.7	18.7	5.35	19.1	17.3	5.45

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
755	23.9	13.9	11.7	5.32	15.4	8.8	5.48	16.5	3.9	5.58	13.0	11.2	5.90	14.4	8.4	6.08	15.5	3.7	6.19	12.0	10.8	6.53	13.2	8.1	6.73	14.2	3.6	6.86
	26.7	14.5	13.4	5.33	15.6	11.1	5.50	16.5	7.2	5.60	13.6	12.8	5.91	14.7	10.6	6.10	15.5	6.9	6.21	12.5	12.4	6.55	13.5	10.3	6.76	14.2	6.7	6.88
	29.4	15.1	14.7	5.35	15.9	13.2	5.52	16.5	10.0	5.62	14.1	14.1	5.93	14.9	12.7	6.12	15.4	9.6	6.23	13.0	13.0	6.57	13.7	12.3	6.78	14.2	9.3	6.90
	32.2	15.5	15.5	5.36	16.0	14.8	5.53	16.4	12.2	5.63	14.6	14.6	5.95	15.0	14.2	6.14	15.3	11.7	6.25	13.4	13.4	6.59	13.8	13.7	6.80	14.1	11.3	6.92
850	23.9	14.5	12.9	5.36	16.0	9.7	5.53	17.2	4.3	5.63	13.6	12.4	5.95	15.0	9.3	6.14	16.1	4.1	6.25	12.5	11.9	6.59	13.8	9.0	6.79	14.8	4.0	6.92
	26.7	15.1	14.7	5.38	16.3	12.2	5.55	17.2	8.0	5.65	14.2	14.1	5.97	15.3	11.7	6.16	16.1	7.6	6.27	13.0	13.0	6.61	14.0	11.3	6.82	14.8	7.4	6.94
	29.4	15.7	15.7	5.39	16.5	14.6	5.56	17.2	11.0	5.67	14.7	14.7	5.98	15.5	14.0	6.17	16.1	10.6	6.29	13.5	13.5	6.63	14.2	13.5	6.84	14.8	10.2	6.96
	32.2	16.2	16.2	5.41	16.7	16.3	5.58	17.1	13.5	5.68	15.2	15.2	6.00	15.7	15.6	6.19	16.0	12.9	6.31	14.0	14.0	6.65	14.4	14.4	6.86	14.7	12.5	6.98
944	23.9	14.9	14.0	5.42	16.5	10.5	5.59	17.7	4.7	5.69	14.0	13.4	6.01	15.4	10.1	6.20	16.6	4.5	6.32	12.9	12.9	6.66	14.2	9.8	6.87	15.3	4.3	6.99
	26.7	15.6	15.6	5.44	16.8	13.3	5.61	17.7	8.7	5.71	14.6	14.6	6.03	15.7	12.7	6.22	16.6	8.3	6.34	13.4	13.4	6.68	14.5	12.3	6.89	15.3	8.0	7.02
	29.4	16.2	16.2	5.45	17.0	15.9	5.62	17.7	12.0	5.73	15.1	15.1	6.05	16.0	15.2	6.24	16.6	11.5	6.35	13.9	13.9	6.70	14.7	14.7	6.91	15.2	11.1	7.04
	32.2	16.7	16.7	5.47	17.2	17.2	5.64	17.6	14.7	5.75	15.6	15.6	6.07	16.1	16.1	6.26	16.5	14.1	6.37	14.4	14.4	6.72	14.8	14.8	6.93	15.2	13.6	7.06
1038	23.9	15.2	15.0	5.45	16.8	11.3	5.62	18.1	5.0	5.73	14.2	14.2	6.05	15.7	10.8	6.24	16.9	4.8	6.35	13.1	13.1	6.69	14.5	10.4	6.91	15.6	4.6	7.03
	26.7	15.9	15.9	5.47	17.1	14.2	5.64	18.1	9.3	5.74	14.9	14.9	6.06	16.0	13.6	6.26	16.9	8.9	6.37	13.7	13.7	6.71	14.7	13.2	6.93	15.6	8.6	7.05
	29.4	16.5	16.5	5.48	17.4	17.0	5.66	18.0	12.8	5.76	15.4	15.4	6.08	16.3	16.3	6.27	16.9	12.3	6.39	14.2	14.2	6.73	15.0	15.0	6.95	15.5	11.9	7.08
	32.2	17.0	17.0	5.50	17.5	17.5	5.67	17.9	15.7	5.78	15.9	15.9	6.10	16.4	16.4	6.29	16.8	15.1	6.41	14.6	14.6	6.75	15.1	15.1	6.97	15.4	14.6	7.10
1133	23.9	15.3	15.3	5.48	17.0	11.9	5.65	18.2	5.3	5.76	14.4	14.4	6.08	15.9	11.5	6.27	17.1	5.1	6.39	13.2	13.2	6.73	14.6	11.1	6.94	15.7	4.9	7.07
	26.7	16.0	16.0	5.50	17.3	15.0	5.67	18.2	9.8	5.77	15.0	15.0	6.10	16.2	14.4	6.29	17.1	9.4	6.41	13.8	13.8	6.75	14.9	13.9	6.97	15.7	9.1	7.09
	29.4	16.6	16.6	5.51	17.5	17.5	5.69	18.2	13.6	5.79	15.6	15.6	6.12	16.4	16.4	6.31	17.0	13.1	6.42	14.3	14.3	6.77	15.1	15.1	6.99	15.7	12.6	7.11
	32.2	17.2	17.2	5.53	17.7	17.7	5.70	18.1	16.6	5.81	16.1	16.1	6.13	16.6	16.6	6.33	16.9	16.0	6.44	14.8	14.8	6.79	15.3	15.3	7.01	15.6	15.4	7.14

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Heating Capacity LK-H0602H00 (SI)

Indoor		Outdoor WB (°C)															
		-10		-5		0		2		4		6		10		15	
AFR(l/S)	DB(°C)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
755	16	11.1	4.5	13.1	4.9	15.1	5.3	15.9	5.5	16.6	5.6	17.6	5.7	19.0	6.0	21.0	6.5
	18	10.7	4.6	12.7	5.0	14.6	5.5	15.4	5.7	16.1	5.8	17.0	5.9	18.4	6.2	20.4	6.7
	20	10.4	4.8	12.3	5.2	14.2	5.7	14.9	5.8	15.6	6.0	16.4	6.1	17.9	6.5	19.7	6.9
	22	10.1	4.9	11.8	5.4	13.7	5.9	14.4	6.0	15.1	6.2	15.9	6.3	17.2	6.7	19.0	7.1
	24	9.7	5.1	11.4	5.5	13.2	6.0	13.9	6.2	14.6	6.4	15.4	6.5	16.7	6.9	18.4	7.3
944	16	11.3	4.1	13.3	4.5	15.4	4.9	16.1	5.0	16.9	5.2	17.9	5.2	19.4	5.5	21.4	5.9
	18	10.9	4.2	12.9	4.6	14.9	5.0	15.6	5.2	16.4	5.3	17.3	5.4	18.7	5.7	20.7	6.1
	20	10.6	4.4	12.5	4.8	14.4	5.2	15.2	5.3	15.9	5.5	16.7	5.6	18.2	5.9	20.1	6.3
	22	10.2	4.5	12.0	4.9	13.9	5.4	14.6	5.5	15.3	5.7	16.2	5.8	17.5	6.1	19.3	6.5
	24	9.9	4.6	11.6	5.1	13.4	5.5	14.1	5.7	14.8	5.9	15.6	6.0	16.9	6.3	18.7	6.7
1133	16	11.5	3.9	13.6	4.3	15.7	4.6	16.5	4.8	17.3	4.9	18.2	5.0	19.7	5.3	21.8	5.6
	18	11.1	4.0	13.1	4.4	15.2	4.8	15.9	4.9	16.7	5.1	17.7	5.2	19.1	5.5	21.1	5.8
	20	10.8	4.2	12.7	4.5	14.7	5.0	15.5	5.1	16.2	5.3	17.0	5.3	18.5	5.6	20.5	6.0
	22	10.4	4.3	12.3	4.7	14.2	5.1	14.9	5.3	15.6	5.4	16.5	5.5	17.9	5.8	19.7	6.2
	24	10.1	4.4	11.9	4.8	13.7	5.3	14.4	5.4	15.1	5.6	15.9	5.7	17.3	6.0	19.1	6.4

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted.
2. Capacities are based on the following conditions.
   Outdoor air : 85%RH. However, the condition on nominal capacity is 7°C DB/6°C WB.
3. TC=Total heating capacity(kW)
4. PI=Power Input(Comp.+indoor fan motor+outdoor fan motor) (kW)
5.AFR = Air flow rate(l/s)

Correction Factor for Heating Capacity due to Frost on Heat Exchanger and Defrosting Operation.

The heating capacity in the "Heating Capacity Table" above indicates the actual heating capacity excluding the effect of frost on the heat exchanger and the defrosting operation. Therefore, use the following factor to calculate the average heating capacity including capacity reduction by frost on the exchanger and defrosting operation.

Outdoor Air Temperature (°FWB, RH=85%)	-10	-6	-4	-2	0	2	4	6
Correction Factor	0.95	0.95	0.89	0.87	0.87	0.89	0.91	1.00

Gross Cooling Capacity (MBH) LK-C0362HA0 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	31.5	25.1	2.39	34.8	18.9	2.47	37.4	8.4	2.52	30.5	25.6	2.92	33.7	19.2	3.01	36.2	8.6	3.06
	80	32.8	28.7	2.40	35.4	23.8	2.48	37.4	15.5	2.52	31.8	29.3	2.93	34.3	24.2	3.02	36.2	15.8	3.07
	85	34.1	31.5	2.41	35.9	28.4	2.48	37.3	21.5	2.53	33.0	32.1	2.93	34.8	29.0	3.03	36.1	21.9	3.08
	90	35.2	33.3	2.42	36.3	31.7	2.49	37.1	26.3	2.54	34.1	33.9	2.94	35.2	32.4	3.04	35.9	26.8	3.09
1080	75	32.8	27.6	2.42	36.3	20.8	2.49	39.0	9.3	2.54	31.7	28.2	2.94	35.1	21.2	3.04	37.7	9.4	3.09
	80	34.2	31.7	2.42	36.9	26.2	2.50	39.0	17.1	2.55	33.1	32.3	2.95	35.7	26.7	3.05	37.7	17.4	3.10
	85	35.5	34.7	2.43	37.4	31.4	2.51	38.9	23.7	2.55	34.4	34.4	2.96	36.2	32.0	3.05	37.6	24.2	3.11
	90	36.7	36.7	2.44	37.8	35.0	2.51	38.6	29.0	2.56	35.5	35.5	2.97	36.6	35.7	3.06	37.4	29.6	3.12
1200	75	33.8	30.1	2.44	37.3	22.6	2.52	40.2	10.1	2.56	32.7	30.7	2.97	36.2	23.1	3.07	38.9	10.3	3.13
	80	35.2	34.5	2.45	38.0	28.5	2.53	40.2	18.6	2.57	34.1	34.1	2.98	36.8	29.1	3.08	38.9	19.0	3.13
	85	36.6	36.6	2.46	38.6	34.1	2.53	40.1	25.8	2.58	35.4	35.4	2.99	37.3	34.8	3.09	38.8	26.3	3.14
	90	37.8	37.8	2.46	39.0	38.1	2.54	39.8	31.5	2.59	36.6	36.6	3.00	37.7	37.7	3.10	38.5	32.2	3.15
1320	75	34.4	32.2	2.45	38.1	24.2	2.53	40.9	10.8	2.58	33.3	32.8	2.99	36.8	24.7	3.09	39.6	11.0	3.14
	80	35.9	35.9	2.46	38.7	30.5	2.54	40.9	19.9	2.59	34.8	34.8	3.00	37.5	31.1	3.09	39.6	20.3	3.15
	85	37.3	37.3	2.47	39.3	36.5	2.55	40.8	27.6	2.59	36.1	36.1	3.01	38.0	37.2	3.10	39.5	28.1	3.16
	90	38.5	38.5	2.48	39.7	39.7	2.55	40.6	33.8	2.60	37.3	37.3	3.02	38.4	38.4	3.11	39.3	34.4	3.17
1440	75	34.7	34.1	2.47	38.4	25.6	2.55	41.3	11.4	2.59	33.6	33.6	3.01	37.2	26.1	3.10	40.0	11.6	3.16
	80	36.2	36.2	2.48	39.1	32.3	2.55	41.3	21.1	2.60	35.1	35.1	3.02	37.8	32.9	3.11	40.0	21.5	3.17
	85	37.6	37.6	2.48	39.7	38.7	2.56	41.2	29.2	2.61	36.4	36.4	3.03	38.4	38.4	3.12	39.9	29.8	3.18
	90	38.8	38.8	2.49	40.1	40.1	2.57	40.9	35.8	2.62	37.6	37.6	3.03	38.8	38.8	3.13	39.6	36.5	3.19

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	28.5	24.6	3.18	31.5	18.5	3.28	33.9	8.2	3.34	26.9	23.7	3.58	29.7	17.8	3.69	31.9	7.9	3.76	23.9	22.6	4.01	26.4	17.0	4.13	28.4	7.6	4.21
	80	29.8	28.1	3.19	32.1	23.3	3.29	33.9	15.2	3.35	28.0	27.1	3.59	30.3	22.5	3.70	32.0	14.7	3.77	24.9	24.9	4.02	26.9	21.4	4.15	28.4	13.9	4.22
	85	30.9	30.8	3.20	32.6	27.8	3.30	33.8	21.0	3.36	29.1	29.1	3.60	30.7	26.9	3.71	31.9	20.3	3.78	25.8	25.8	4.03	27.2	25.6	4.16	28.3	19.3	4.24
	90	31.9	31.9	3.21	32.9	31.1	3.31	33.6	25.7	3.37	30.1	30.1	3.61	31.0	30.0	3.72	31.7	24.9	3.79	26.7	26.7	4.04	27.5	27.5	4.17	28.1	23.7	4.25
1080	75	29.7	27.1	3.21	32.9	20.4	3.31	35.3	9.1	3.37	28.0	26.1	3.61	31.0	19.6	3.72	33.3	8.7	3.79	24.9	24.9	4.04	27.5	18.7	4.17	29.5	8.3	4.25
	80	31.0	31.0	3.22	33.5	25.6	3.32	35.3	16.7	3.38	29.2	29.2	3.62	31.5	24.8	3.74	33.3	16.2	3.80	25.9	25.9	4.05	28.0	23.6	4.18	29.6	15.4	4.26
	85	32.2	32.2	3.23	33.9	30.7	3.33	35.2	23.2	3.39	30.3	30.3	3.63	32.0	29.6	3.75	33.2	22.4	3.82	26.9	26.9	4.07	28.4	28.2	4.20	29.5	21.3	4.27
	90	33.2	33.2	3.24	34.3	34.2	3.34	35.0	28.4	3.40	31.3	31.3	3.64	32.3	32.3	3.76	33.0	27.4	3.83	27.8	27.8	4.08	28.7	28.7	4.21	29.3	26.1	4.29
1200	75	30.6	29.5	3.25	33.9	22.2	3.35	36.4	9.9	3.41	28.8	28.4	3.65	31.9	21.4	3.76	34.3	9.5	3.83	25.6	25.6	4.09	28.3	20.4	4.21	30.4	9.1	4.29
	80	31.9	31.9	3.25	34.5	27.9	3.36	36.4	18.2	3.42	30.1	30.1	3.66	32.5	26.9	3.78	34.3	17.6	3.84	26.7	26.7	4.10	28.8	25.6	4.23	30.4	16.7	4.31
	85	33.2	33.2	3.26	35.0	33.4	3.37	36.3	25.2	3.43	31.2	31.2	3.67	32.9	32.2	3.79	34.2	24.4	3.86	27.7	27.7	4.11	29.2	29.2	4.24	30.4	23.2	4.32
	90	34.2	34.2	3.27	35.3	35.3	3.38	36.1	30.9	3.44	32.3	32.3	3.68	33.3	33.3	3.80	34.0	29.8	3.87	28.6	28.6	4.12	29.5	29.5	4.25	30.2	28.4	4.33
1320	75	31.2	31.2	3.26	34.5	23.7	3.37	37.1	10.6	3.43	29.4	29.4	3.67	32.5	22.9	3.78	34.9	10.2	3.85	26.1	26.1	4.11	28.8	21.8	4.24	31.0	9.7	4.32
	80	32.6	32.6	3.27	35.1	29.9	3.38	37.1	19.5	3.44	30.7	30.7	3.68	33.1	28.8	3.80	35.0	18.8	3.87	27.2	27.2	4.12	29.4	27.4	4.25	31.0	17.9	4.33
	85	33.8	33.8	3.28	35.6	35.6	3.39	37.0	27.0	3.45	31.8	31.8	3.69	33.6	33.6	3.81	34.9	26.1	3.88	28.2	28.2	4.13	29.8	29.8	4.26	30.9	24.8	4.34
	90	34.9	34.9	3.29	36.0	36.0	3.40	36.8	33.1	3.46	32.9	32.9	3.70	33.9	33.9	3.82	34.6	31.9	3.89	29.2	29.2	4.15	30.1	30.1	4.28	30.8	30.4	4.36
1440	75	31.5	31.5	3.28	34.8	25.1	3.38	37.4	11.2	3.45	29.7	29.7	3.69	32.8	24.2	3.80	35.3	10.8	3.88	26.3	26.3	4.13	29.1	23.1	4.26	31.3	10.3	4.34
	80	32.8	32.8	3.29	35.4	31.6	3.40	37.4	20.6	3.46	30.9	30.9	3.70	33.4	30.5	3.82	35.3	19.9	3.89	27.5	27.5	4.14	29.6	29.1	4.27	31.3	19.0	4.35
	85	34.1	34.1	3.30	35.9	35.9	3.41	37.3	28.6	3.47	32.1	32.1	3.71	33.9	33.9	3.83	35.2	27.6	3.90	28.5	28.5	4.16	30.1	30.1	4.29	31.2	26.3	4.37
	90	35.2	35.2	3.31	36.3	36.3	3.42	37.1	35.0	3.48	33.2	33.2	3.72	34.2	34.2	3.84	35.0	33.8	3.91	29.4	29.4	4.17	30.4	30.4	4.30	31.0	31.0	4.38

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0329A(C)H (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	32.4	25.3	2.66	35.8	19.1	2.74	38.5	8.4	2.79	30.8	25.4	2.93	34.0	19.2	3.02	36.6	8.5	3.08
	80	33.8	29.0	2.66	36.4	24.0	2.75	38.5	15.7	2.80	32.1	29.1	2.94	34.6	24.1	3.03	36.6	15.8	3.09
	85	35.0	31.8	2.67	37.0	28.8	2.76	38.4	21.7	2.81	33.3	31.9	2.95	35.1	29.0	3.04	36.5	21.8	3.10
	90	36.2	33.5	2.68	37.4	32.1	2.76	38.2	26.4	2.82	34.4	33.6	2.96	35.5	32.2	3.05	36.3	26.5	3.11
1080	75	34.0	27.1	2.68	37.6	20.5	2.76	40.5	9.1	2.81	32.4	27.2	2.95	35.8	20.6	3.05	38.5	9.1	3.10
	80	35.5	31.1	2.69	38.3	25.7	2.77	40.5	16.8	2.82	33.8	31.2	2.96	36.4	25.8	3.05	38.5	16.9	3.11
	85	36.9	34.1	2.69	38.9	30.9	2.78	40.4	23.3	2.83	35.0	34.2	2.97	36.9	31.1	3.06	38.4	23.4	3.12
	90	38.1	35.9	2.70	39.3	34.4	2.79	40.1	28.3	2.84	36.2	36.0	2.98	37.3	34.5	3.07	38.1	28.4	3.13
1200	75	34.8	28.9	2.70	38.4	21.9	2.79	41.3	9.7	2.84	33.1	29.0	2.99	36.5	22.0	3.08	39.3	9.7	3.14
	80	36.3	33.2	2.71	39.1	27.4	2.80	41.4	18.0	2.85	34.5	33.3	3.00	37.2	27.5	3.09	39.3	18.0	3.15
	85	37.7	36.4	2.72	39.7	33.0	2.80	41.2	24.8	2.86	35.8	35.8	3.00	37.7	33.2	3.10	39.2	24.9	3.16
	90	38.9	38.3	2.73	40.1	36.7	2.81	41.0	30.2	2.86	37.0	37.0	3.01	38.1	36.8	3.11	39.0	30.4	3.17
1320	75	35.5	29.4	2.72	39.3	22.2	2.81	42.3	9.8	2.86	33.8	29.5	3.00	37.4	22.3	3.09	40.2	9.9	3.15
	80	37.1	33.7	2.73	40.0	27.8	2.82	42.3	18.2	2.87	35.3	33.9	3.01	38.0	28.0	3.10	40.2	18.3	3.16
	85	38.5	37.0	2.74	40.6	33.5	2.83	42.2	25.2	2.88	36.6	36.6	3.02	38.6	33.7	3.11	40.1	25.3	3.17
	90	39.8	38.9	2.75	41.0	37.3	2.84	41.9	30.7	2.89	37.8	37.8	3.03	39.0	37.4	3.12	39.8	30.8	3.18
1440	75	35.8	30.1	2.75	39.6	22.8	2.83	42.6	10.1	2.89	34.1	30.3	3.02	37.6	22.9	3.12	40.5	10.1	3.17
	80	37.4	34.6	2.76	40.3	28.6	2.84	42.6	18.7	2.90	35.5	34.1	3.03	38.3	28.7	3.13	40.5	18.8	3.18
	85	38.8	37.9	2.76	40.9	34.4	2.85	42.5	25.9	2.90	36.9	36.9	3.04	38.9	34.6	3.14	40.4	26.0	3.19
	90	40.1	39.9	2.77	41.3	38.2	2.86	42.2	31.5	2.91	38.1	38.1	3.05	39.3	38.4	3.14	40.1	31.7	3.20

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	29.0	24.1	3.15	32.0	18.3	3.25	34.4	8.1	3.31	26.9	23.1	3.33	29.8	17.5	3.44	32.0	7.7	3.50	23.7	21.0	3.49	26.2	15.9	3.60	28.2	7.0	3.66
	80	30.2	27.7	3.16	32.6	22.9	3.26	34.4	15.0	3.32	28.1	26.5	3.34	30.3	21.9	3.45	32.0	14.4	3.51	24.7	24.1	3.50	26.7	19.9	3.61	28.2	13.0	3.68
	85	31.4	30.3	3.17	33.1	27.5	3.27	34.3	20.7	3.33	29.2	29.1	3.35	30.7	26.4	3.46	31.9	19.9	3.52	25.7	25.7	3.51	27.1	23.9	3.62	28.1	18.0	3.69
	90	32.4	32.0	3.18	33.4	30.6	3.28	34.1	25.2	3.34	30.1	30.1	3.36	31.1	29.3	3.47	31.7	24.2	3.53	26.5	26.5	3.52	27.4	26.6	3.63	27.9	21.9	3.70
1080	75	30.5	25.9	3.17	33.7	19.6	3.27	36.2	8.6	3.33	28.3	24.8	3.36	31.3	18.8	3.46	33.7	8.3	3.53	24.9	22.5	3.51	27.6	17.0	3.62	29.6	7.5	3.69
	80	31.8	29.7	3.18	34.3	24.5	3.28	36.2	16.1	3.34	29.6	28.5	3.37	31.9	23.5	3.47	33.7	15.4	3.54	26.0	25.8	3.52	28.1	21.3	3.63	29.7	14.0	3.70
	85	33.0	32.5	3.19	34.8	29.5	3.29	36.1	22.2	3.35	30.7	30.7	3.38	32.3	28.3	3.48	33.6	21.3	3.55	27.0	27.0	3.53	28.5	25.7	3.64	29.6	19.3	3.71
	90	34.1	34.1	3.20	35.2	32.8	3.30	35.9	27.0	3.36	31.7	31.7	3.39	32.7	31.5	3.49	33.4	25.9	3.56	27.9	27.9	3.54	28.8	28.5	3.65	29.4	23.5	3.72
1200	75	31.1	27.6	3.20	34.4	20.9	3.30	37.0	9.2	3.36	28.9	26.5	3.38	32.0	20.0	3.49	34.4	8.8	3.55	25.5	24.0	3.53	28.2	18.2	3.65	30.3	8.0	3.71
	80	32.5	31.7	3.21	35.0	26.2	3.31	37.0	17.1	3.37	30.2	30.2	3.39	32.6	25.1	3.50	34.4	16.4	3.56	26.6	26.6	3.54	28.7	22.8	3.66	30.3	14.9	3.72
	85	33.7	33.7	3.22	35.5	31.5	3.32	36.9	23.7	3.38	31.3	31.3	3.40	33.0	30.2	3.51	34.3	22.7	3.57	27.6	27.6	3.55	29.1	27.4	3.67	30.2	20.6	3.74
	90	34.8	34.8	3.23	35.9	35.0	3.33	36.7	28.9	3.39	32.4	32.4	3.41	33.4	33.4	3.52	34.1	27.7	3.58	28.5	28.5	3.57	29.4	29.4	3.68	30.0	25.1	3.75
1320	75	31.8	28.0	3.22	35.2	21.2	3.32	37.8	9.4	3.38	29.6	26.9	3.40	32.7	20.4	3.51	35.2	9.0	3.58	26.0	24.4	3.56	28.8	18.5	3.67	30.9	8.1	3.74
	80	33.2	32.2	3.23	35.8	26.6	3.33	37.8	17.4	3.39	30.9	30.9	3.41	33.3	25.5	3.52	35.2	16.7	3.59	27.2	27.2	3.57	29.3	23.1	3.68	31.0	15.1	3.75
	85	34.4	34.4	3.24	36.3	32.0	3.34	37.7	24.1	3.40	32.0	32.0	3.42	33.8	30.7	3.53	35.1	23.1	3.60	28.2	28.2	3.58	29.7	27.8	3.69	30.9	20.9	3.76
	90	35.6	35.6	3.25	36.7	35.6	3.35	37.5	29.3	3.41	33.1	33.1	3.43	34.1	34.1	3.54	34.9	28.1	3.61	29.1	29.1	3.59	30.0	30.0	3.70	30.7	25.5	3.77
1440	75	32.1	28.8	3.24	35.4	21.8	3.35	38.1	9.6	3.41	29.8	27.6	3.43	33.0	20.9	3.53	35.4	9.2	3.60	26.2	25.0	3.58	29.0	18.9	3.69	31.2	8.4	3.76
	80	33.4	33.0	3.25	36.1	27.3	3.36	38.1	17.9	3.42	31.1	31.1	3.44	33.5	26.2	3.54	35.4	17.1	3.61	27.4	27.4	3.59	29.5	23.7	3.70	31.2	15.5	3.77
	85	34.7	34.7	3.26	36.6	32.9	3.37	38.0	24.7	3.43	32.3	32.3	3.45	34.0	31.5	3.56	35.3	23.7	3.62	28.4	28.4	3.60	30.0	28.6	3.71	31.1	21.5	3.78
	90	35.8	35.8	3.27	37.0	36.5	3.38	37.8	30.1	3.44	33.3	33.3	3.46	34.4	34.4	3.57	35.1	28.9	3.63	29.3	29.3	3.61	30.3	30.3	3.73	30.9	26.2	3.79

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C0482HA0 (English)

Outdoor	DB(°F)	85									95								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	42.0	34.4	3.15	46.5	25.9	3.25	50.0	11.5	3.31	40.6	33.6	3.46	44.9	25.3	3.57	48.2	11.3	3.63
	80	43.9	39.4	3.16	47.3	32.6	3.26	50.0	21.3	3.32	42.3	38.5	3.47	45.7	31.9	3.58	48.2	20.8	3.64
	85	45.5	43.2	3.17	48.0	39.0	3.27	49.8	29.5	3.33	43.9	42.2	3.48	46.3	38.1	3.59	48.1	28.8	3.65
	90	47.0	45.6	3.18	48.5	43.5	3.28	49.5	36.1	3.34	45.4	44.6	3.49	46.8	42.5	3.60	47.8	35.2	3.67
1440	75	43.8	37.9	3.18	48.4	28.5	3.28	52.1	12.7	3.34	42.3	37.1	3.49	46.7	27.9	3.60	50.2	12.4	3.66
	80	45.7	43.4	3.19	49.3	35.9	3.29	52.1	23.4	3.35	44.1	42.4	3.50	47.6	35.1	3.61	50.3	22.9	3.68
	85	47.4	47.4	3.20	50.0	43.0	3.30	51.9	32.5	3.36	45.8	45.8	3.51	48.3	42.0	3.62	50.1	31.8	3.69
	90	49.0	49.0	3.21	50.5	48.0	3.31	51.6	39.7	3.37	47.3	47.3	3.52	48.8	46.9	3.63	49.8	38.9	3.70
1600	75	45.1	41.3	3.21	49.9	31.0	3.31	53.6	13.8	3.38	43.5	40.3	3.53	48.1	30.3	3.64	51.8	13.5	3.70
	80	47.1	47.1	3.22	50.8	39.1	3.33	53.6	25.5	3.39	45.4	45.4	3.54	49.0	38.2	3.65	51.8	24.9	3.72
	85	48.8	48.8	3.23	51.5	46.8	3.33	53.5	35.4	3.40	47.1	47.1	3.55	49.7	45.7	3.66	51.6	34.6	3.73
	90	50.4	50.4	3.24	52.1	52.1	3.34	53.2	43.3	3.41	48.7	48.7	3.56	50.2	50.2	3.67	51.3	42.3	3.74
1760	75	46.0	44.2	3.23	50.8	33.2	3.33	54.6	14.8	3.39	44.4	43.2	3.54	49.0	32.5	3.66	52.7	14.4	3.72
	80	48.0	48.0	3.24	51.7	41.8	3.34	54.7	27.3	3.40	46.3	46.3	3.56	49.9	40.9	3.67	52.8	26.7	3.74
	85	49.8	49.8	3.25	52.5	50.1	3.35	54.5	37.8	3.42	48.0	48.0	3.57	50.6	49.0	3.68	52.6	37.0	3.75
	90	51.4	51.4	3.26	53.0	53.0	3.36	54.2	46.3	3.43	49.6	49.6	3.58	51.2	51.2	3.69	52.3	45.3	3.76
1920	75	46.4	46.4	3.25	51.3	35.2	3.35	55.1	15.6	3.41	44.8	44.8	3.56	49.5	34.4	3.68	53.2	15.3	3.75
	80	48.4	48.4	3.26	52.2	44.3	3.36	55.2	28.9	3.42	46.7	46.7	3.58	50.4	43.3	3.69	53.2	28.3	3.76
	85	50.2	50.2	3.27	53.0	53.0	3.37	55.0	40.1	3.43	48.5	48.5	3.59	51.1	51.1	3.70	53.1	39.2	3.77
	90	51.9	51.9	3.28	53.5	53.5	3.38	54.7	49.0	3.44	50.1	50.1	3.60	51.7	51.7	3.71	52.8	47.9	3.78

Outdoor	DB(°F)	105									115									125								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	38.1	32.4	3.85	42.1	24.3	3.98	45.2	10.8	4.05	36.2	31.2	4.16	40.1	23.4	4.29	43.1	10.4	4.37	31.6	28.9	4.67	35.0	21.7	4.82	37.6	9.7	4.91
	80	39.7	37.1	3.87	42.8	30.7	3.99	45.3	20.0	4.06	37.8	35.7	4.17	40.8	29.5	4.31	43.1	19.3	4.38	33.0	33.0	4.69	35.6	27.4	4.84	37.6	17.9	4.92
	85	41.2	40.6	3.88	43.5	36.7	4.00	45.1	27.7	4.07	39.2	39.2	4.19	41.4	35.4	4.32	43.0	26.7	4.40	34.2	34.2	4.70	36.1	32.8	4.85	37.5	24.8	4.94
	90	42.6	42.6	3.89	43.9	40.9	4.01	44.9	33.9	4.09	40.5	40.5	4.20	41.8	39.4	4.33	42.7	32.7	4.41	35.4	35.4	4.72	36.5	36.5	4.86	37.3	30.3	4.95
1440	75	39.7	35.7	3.89	43.8	26.8	4.01	47.1	11.9	4.08	37.7	34.4	4.20	41.7	25.8	4.33	44.9	11.5	4.41	32.9	31.8	4.71	36.4	24.0	4.86	39.2	10.7	4.95
	80	41.4	40.8	3.90	44.6	33.8	4.02	47.2	22.0	4.10	39.4	39.4	4.21	42.5	32.6	4.34	44.9	21.2	4.42	34.4	34.4	4.73	37.1	30.2	4.88	39.2	19.7	4.97
	85	42.9	42.9	3.91	45.3	40.4	4.03	47.0	30.6	4.11	40.9	40.9	4.22	43.1	39.0	4.36	44.8	29.4	4.44	35.7	35.7	4.74	37.6	36.1	4.89	39.1	27.3	4.98
	90	44.3	44.3	3.92	45.8	45.1	4.05	46.7	37.4	4.12	42.2	42.2	4.24	43.6	43.5	4.37	44.5	36.0	4.45	36.8	36.8	4.76	38.0	38.0	4.91	38.8	33.4	5.00
1600	75	40.8	38.8	3.93	45.2	29.2	4.05	48.6	13.0	4.13	38.9	37.4	4.24	43.0	28.1	4.38	46.2	12.5	4.46	33.9	33.9	4.77	37.5	26.1	4.92	40.3	11.6	5.01
	80	42.6	42.6	3.94	46.0	36.8	4.07	48.6	24.0	4.14	40.6	40.6	4.26	43.8	35.4	4.39	46.2	23.1	4.47	35.4	35.4	4.78	38.2	32.8	4.93	40.4	21.4	5.02
	85	44.2	44.2	3.95	46.6	44.0	4.08	48.4	33.3	4.15	42.1	42.1	4.27	44.4	42.4	4.40	46.1	32.1	4.48	36.7	36.7	4.79	38.7	38.7	4.95	40.2	29.7	5.04
	90	45.7	45.7	3.96	47.1	47.1	4.09	48.1	40.7	4.17	43.5	43.5	4.28	44.9	44.9	4.42	45.8	39.2	4.50	38.0	38.0	4.81	39.2	39.2	4.96	40.0	36.3	5.05
1760	75	41.6	41.5	3.95	46.0	31.2	4.08	49.5	13.9	4.15	39.6	39.6	4.27	43.8	30.1	4.40	47.1	13.4	4.48	34.6	34.6	4.79	38.2	27.9	4.94	41.1	12.4	5.03
	80	43.4	43.4	3.96	46.8	39.4	4.09	49.5	25.7	4.16	41.3	41.3	4.28	44.6	37.9	4.41	47.1	24.7	4.50	36.1	36.1	4.81	38.9	35.2	4.96	41.1	22.9	5.05
	85	45.1	45.1	3.97	47.5	47.1	4.10	49.4	35.6	4.18	42.9	42.9	4.29	45.2	45.2	4.43	47.0	34.3	4.51	37.4	37.4	4.82	39.5	39.5	4.97	41.0	31.8	5.06
	90	46.5	46.5	3.99	48.0	48.0	4.11	49.1	43.6	4.19	44.3	44.3	4.30	45.7	45.7	4.44	46.7	42.0	4.52	38.7	38.7	4.83	39.9	39.9	4.99	40.8	38.9	5.08
1920	75	42.0	42.0	3.97	46.4	33.1	4.10	49.9	14.7	4.17	40.0	40.0	4.29	44.2	31.9	4.42	47.5	14.2	4.51	34.9	34.9	4.82	38.6	29.5	4.97	41.5	13.1	5.06
	80	43.8	43.8	3.98	47.3	41.7	4.11	49.9	27.2	4.19	41.7	41.7	4.30	45.0	40.2	4.44	47.5	26.2	4.52	36.4	36.4	4.83	39.3	37.2	4.99	41.5	24.3	5.08
	85	45.5	45.5	4.00	48.0	48.0	4.12	49.8	37.7	4.20	43.3	43.3	4.32	45.6	45.6	4.45	47.4	36.3	4.53	37.8	37.8	4.85	39.8	39.8	5.00	41.4	33.7	5.09
	90	47.0	47.0	4.01	48.5	48.5	4.14	49.5	46.1	4.21	44.7	44.7	4.33	46.1	46.1	4.46	47.1	44.4	4.55	39.0	39.0	4.86	40.3	40.3	5.02	41.1	41.1	5.11

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C048BHA1 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	42.0	34.4	3.11	46.5	25.9	3.20	50.0	11.5	3.26	40.6	33.6	3.41	44.9	25.3	3.52	48.2	11.3	3.59
	80	43.9	39.4	3.12	47.3	32.6	3.21	50.0	21.3	3.27	42.3	38.5	3.42	45.7	31.9	3.53	48.2	20.8	3.60
	85	45.5	43.2	3.12	48.0	39.0	3.22	49.8	29.5	3.28	43.9	42.2	3.43	46.3	38.1	3.54	48.1	28.8	3.61
	90	47.0	45.6	3.13	48.5	43.5	3.23	49.5	36.1	3.29	45.4	44.6	3.44	46.8	42.5	3.55	47.8	35.2	3.62
1440	75	43.8	37.9	3.13	48.4	28.5	3.23	52.1	12.7	3.29	42.3	37.1	3.44	46.7	27.9	3.55	50.2	12.4	3.62
	80	45.7	43.4	3.14	49.3	35.9	3.24	52.1	23.4	3.30	44.1	42.4	3.45	47.6	35.1	3.56	50.3	22.9	3.63
	85	47.4	47.4	3.15	50.0	43.0	3.25	51.9	32.5	3.31	45.8	45.8	3.46	48.3	42.0	3.57	50.1	31.8	3.64
	90	49.0	49.0	3.16	50.5	48.0	3.26	51.6	39.7	3.32	47.3	47.3	3.47	48.8	46.9	3.58	49.8	38.9	3.65
1600	75	45.1	41.3	3.17	49.9	31.0	3.27	53.6	13.8	3.33	43.5	40.3	3.48	48.1	30.3	3.59	51.8	13.5	3.66
	80	47.1	47.1	3.18	50.8	39.1	3.28	53.6	25.5	3.34	45.4	45.4	3.49	49.0	38.2	3.60	51.8	24.9	3.67
	85	48.8	48.8	3.19	51.5	46.8	3.29	53.5	35.4	3.35	47.1	47.1	3.50	49.7	45.7	3.61	51.6	34.6	3.68
	90	50.4	50.4	3.20	52.1	52.1	3.30	53.2	43.3	3.36	48.7	48.7	3.51	50.2	50.2	3.62	51.3	42.3	3.69
1760	75	46.0	44.2	3.18	50.8	33.2	3.28	54.6	14.8	3.35	44.4	43.2	3.50	49.0	32.5	3.61	52.7	14.4	3.68
	80	48.0	48.0	3.19	51.7	41.8	3.30	54.7	27.3	3.36	46.3	46.3	3.51	49.9	40.9	3.62	52.8	26.7	3.69
	85	49.8	49.8	3.20	52.5	50.1	3.30	54.5	37.8	3.37	48.0	48.0	3.52	50.6	49.0	3.63	52.6	37.0	3.70
	90	51.4	51.4	3.21	53.0	53.0	3.31	54.2	46.3	3.38	49.6	49.6	3.53	51.2	51.2	3.64	52.3	45.3	3.71
1920	75	46.4	46.4	3.20	51.3	35.2	3.30	55.1	15.6	3.36	44.8	44.8	3.52	49.5	34.4	3.63	53.2	15.3	3.70
	80	48.4	48.4	3.21	52.2	44.3	3.31	55.2	28.9	3.37	46.7	46.7	3.53	50.4	43.3	3.64	53.2	28.3	3.71
	85	50.2	50.2	3.22	53.0	53.0	3.32	55.0	40.1	3.38	48.5	48.5	3.54	51.1	51.1	3.65	53.1	39.2	3.72
	90	51.9	51.9	3.23	53.5	53.5	3.33	54.7	49.0	3.39	50.1	50.1	3.55	51.7	51.7	3.66	52.8	47.9	3.73

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	38.1	32.4	3.81	42.1	24.3	3.93	45.2	10.8	4.00	36.2	31.2	4.16	40.1	23.4	4.29	43.1	10.4	4.37	31.6	28.9	4.63	35.0	21.7	4.77	37.6	9.7	4.86
	80	39.7	37.1	3.82	42.8	30.7	3.94	45.3	20.0	4.01	37.8	35.7	4.17	40.8	29.5	4.31	43.1	19.3	4.38	33.0	33.0	4.64	35.6	27.4	4.79	37.6	17.9	4.88
	85	41.2	40.6	3.83	43.5	36.7	3.95	45.1	27.7	4.03	39.2	39.2	4.19	41.4	35.4	4.32	43.0	26.7	4.40	34.2	34.2	4.66	36.1	32.8	4.80	37.5	24.8	4.89
	90	42.6	42.6	3.84	43.9	40.9	3.96	44.9	33.9	4.04	40.5	40.5	4.20	41.8	39.4	4.33	42.7	32.7	4.41	35.4	35.4	4.67	36.5	36.5	4.82	37.3	30.3	4.91
1440	75	39.7	35.7	3.84	43.8	26.8	3.96	47.1	11.9	4.04	37.7	34.4	4.20	41.7	25.8	4.33	44.9	11.5	4.41	32.9	31.8	4.67	36.4	24.0	4.82	39.2	10.7	4.91
	80	41.4	40.8	3.85	44.6	33.8	3.98	47.2	22.0	4.05	39.4	39.4	4.21	42.5	32.6	4.34	44.9	21.2	4.42	34.4	34.4	4.68	37.1	30.2	4.83	39.2	19.7	4.92
	85	42.9	42.9	3.87	45.3	40.4	3.99	47.0	30.6	4.06	40.9	40.9	4.22	43.1	39.0	4.36	44.8	29.4	4.44	35.7	35.7	4.70	37.6	36.1	4.85	39.1	27.3	4.94
	90	44.3	44.3	3.88	45.8	45.1	4.00	46.7	37.4	4.07	42.2	42.2	4.24	43.6	43.5	4.37	44.5	36.0	4.45	36.8	36.8	4.71	38.0	38.0	4.86	38.8	33.4	4.95
1600	75	40.8	38.8	3.88	45.2	29.2	4.01	48.6	13.0	4.08	38.9	37.4	4.24	43.0	28.1	4.38	46.2	12.5	4.46	33.9	33.9	4.72	37.5	26.1	4.87	40.3	11.6	4.96
	80	42.6	42.6	3.90	46.0	36.8	4.02	48.6	24.0	4.09	40.6	40.6	4.26	43.8	35.4	4.39	46.2	23.1	4.47	35.4	35.4	4.73	38.2	32.8	4.88	40.4	21.4	4.97
	85	44.2	44.2	3.91	46.6	44.0	4.03	48.4	33.3	4.11	42.1	42.1	4.27	44.4	42.4	4.40	46.1	32.1	4.48	36.7	36.7	4.75	38.7	38.7	4.90	40.2	29.7	4.99
	90	45.7	45.7	3.92	47.1	47.1	4.04	48.1	40.7	4.12	43.5	43.5	4.28	44.9	44.9	4.42	45.8	39.2	4.50	38.0	38.0	4.76	39.2	39.2	4.91	40.0	36.3	5.00
1760	75	41.6	41.5	3.91	46.0	31.2	4.03	49.5	13.9	4.10	39.6	39.6	4.27	43.8	30.1	4.40	47.1	13.4	4.48	34.6	34.6	4.75	38.2	27.9	4.90	41.1	12.4	4.99
	80	43.4	43.4	3.92	46.8	39.4	4.04	49.5	25.7	4.12	41.3	41.3	4.28	44.6	37.9	4.41	47.1	24.7	4.50	36.1	36.1	4.76	38.9	35.2	4.91	41.1	22.9	5.00
	85	45.1	45.1	3.93	47.5	47.1	4.05	49.4	35.6	4.13	42.9	42.9	4.29	45.2	45.2	4.43	47.0	34.3	4.51	37.4	37.4	4.77	39.5	39.5	4.93	41.0	31.8	5.02
	90	46.5	46.5	3.94	48.0	48.0	4.06	49.1	43.6	4.14	44.3	44.3	4.30	45.7	45.7	4.44	46.7	42.0	4.52	38.7	38.7	4.79	39.9	39.9	4.94	40.8	38.9	5.03
1920	75	42.0	42.0	3.93	46.4	33.1	4.05	49.9	14.7	4.13	40.0	40.0	4.29	44.2	31.9	4.42	47.5	14.2	4.51	34.9	34.9	4.77	38.6	29.5	4.92	41.5	13.1	5.01
	80	43.8	43.8	3.94	47.3	41.7	4.06	49.9	27.2	4.14	41.7	41.7	4.30	45.0	40.2	4.44	47.5	26.2	4.52	36.4	36.4	4.79	39.3	37.2	4.94	41.5	24.3	5.03
	85	45.5	45.5	3.95	48.0	48.0	4.08	49.8	37.7	4.15	43.3	43.3	4.32	45.6	45.6	4.45	47.4	36.3	4.53	37.8	37.8	4.80	39.8	39.8	4.95	41.4	33.7	5.04
	90	47.0	47.0	3.96	48.5	48.5	4.09	49.5	46.1	4.16	44.7	44.7	4.33	46.1	46.1	4.46	47.1	44.4	4.55	39.0	39.0	4.82	40.3	40.3	4.97	41.1	41.1	5.06

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0429A(C)H (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	43.1	33.6	3.09	47.6	25.4	3.19	51.2	11.2	3.25	40.9	33.7	3.41	45.3	25.6	3.52	48.7	11.3	3.59
	80	44.9	38.6	3.10	48.5	31.9	3.20	51.2	20.9	3.26	42.7	38.7	3.42	46.1	32.0	3.53	48.7	21.0	3.60
	85	46.6	42.3	3.11	49.2	38.4	3.21	51.1	28.9	3.27	44.3	42.5	3.43	46.7	38.5	3.54	48.5	29.0	3.61
	90	48.2	44.5	3.12	49.7	42.6	3.22	50.8	35.2	3.28	45.8	44.7	3.44	47.2	42.8	3.55	48.2	35.3	3.62
1440	75	45.3	36.0	3.12	50.1	27.3	3.22	53.8	12.0	3.28	43.1	36.2	3.44	47.6	27.4	3.55	51.2	12.1	3.61
	80	47.3	41.4	3.13	51.0	34.2	3.23	53.9	22.4	3.29	44.9	41.5	3.45	48.5	34.3	3.56	51.2	22.5	3.62
	85	49.0	45.4	3.14	51.7	41.2	3.24	53.7	31.0	3.30	46.6	45.5	3.46	49.2	41.3	3.57	51.1	31.1	3.64
	90	50.7	47.8	3.15	52.3	45.7	3.25	53.4	37.7	3.31	48.1	48.0	3.47	49.7	45.9	3.58	50.7	37.8	3.65
1600	75	46.3	37.9	3.15	51.2	28.7	3.25	55.0	12.7	3.31	44.0	38.1	3.48	48.6	28.8	3.59	52.3	12.7	3.66
	80	48.3	43.6	3.16	52.1	36.0	3.26	55.0	23.6	3.32	45.9	43.7	3.49	49.5	36.1	3.60	52.3	23.7	3.67
	85	50.1	47.8	3.17	52.8	43.3	3.27	54.9	32.6	3.33	47.6	47.6	3.50	50.2	43.5	3.61	52.1	32.7	3.68
	90	51.7	50.3	3.18	53.4	48.1	3.28	54.5	39.7	3.34	49.2	49.2	3.51	50.7	48.3	3.62	51.8	39.9	3.69
1760	75	47.3	39.1	3.17	52.3	29.6	3.27	56.2	13.1	3.34	45.0	39.2	3.49	49.7	29.7	3.60	53.4	13.1	3.67
	80	49.3	44.9	3.18	53.2	37.0	3.28	56.2	24.3	3.35	46.9	45.0	3.50	50.6	37.2	3.61	53.5	24.4	3.68
	85	51.2	49.2	3.19	54.0	44.6	3.29	56.1	33.6	3.36	48.7	48.7	3.51	51.3	44.8	3.62	53.3	33.7	3.69
	90	52.9	51.8	3.20	54.6	49.6	3.30	55.7	40.9	3.37	50.3	50.3	3.52	51.9	49.8	3.64	53.0	41.0	3.70
1920	75	47.7	40.1	3.20	52.7	30.4	3.30	56.7	13.4	3.36	45.3	40.3	3.52	50.1	30.5	3.63	53.8	13.5	3.70
	80	49.7	46.0	3.21	53.6	38.0	3.31	56.7	24.9	3.37	47.3	45.4	3.53	51.0	38.2	3.64	53.9	25.0	3.71
	85	51.6	50.5	3.22	54.4	45.8	3.32	56.5	34.4	3.38	49.0	49.0	3.54	51.7	46.0	3.65	53.7	34.6	3.72
	90	53.3	53.1	3.23	55.0	50.9	3.33	56.2	41.9	3.39	50.7	50.7	3.55	52.3	51.1	3.66	53.4	42.1	3.73

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	38.5	32.1	3.67	42.6	24.3	3.79	45.8	10.7	3.86	35.8	30.8	3.88	39.6	23.3	4.01	42.6	10.3	4.08	31.5	27.9	4.06	34.9	21.1	4.19	37.5	9.3	4.27
	80	40.2	36.8	3.68	43.4	30.4	3.80	45.8	19.9	3.87	37.4	35.3	3.90	40.3	29.2	4.02	42.6	19.1	4.09	32.9	32.0	4.08	35.5	26.5	4.20	37.5	17.3	4.28
	85	41.7	40.4	3.69	44.0	36.6	3.81	45.7	27.6	3.88	38.8	38.7	3.91	40.9	35.1	4.03	42.5	26.4	4.11	34.2	34.2	4.09	36.0	31.9	4.22	37.4	24.0	4.29
	90	43.1	42.5	3.70	44.5	40.7	3.82	45.4	33.6	3.89	40.1	40.1	3.92	41.3	39.0	4.04	42.2	32.2	4.12	35.3	35.3	4.10	36.4	35.4	4.23	37.2	29.2	4.31
1440	75	40.5	34.4	3.70	44.8	26.0	3.81	48.2	11.5	3.89	37.7	33.0	3.91	41.7	25.0	4.03	44.8	11.0	4.11	33.2	29.9	4.09	36.7	22.7	4.22	39.4	10.0	4.30
	80	42.3	39.5	3.71	45.6	32.6	3.83	48.2	21.4	3.90	39.3	37.9	3.92	42.4	31.3	4.05	44.8	20.5	4.12	34.6	34.4	4.10	37.3	28.4	4.23	39.4	18.6	4.31
	85	43.9	43.3	3.72	46.3	39.3	3.84	48.1	29.5	3.91	40.8	40.8	3.93	43.0	37.7	4.06	44.7	28.3	4.13	35.9	35.9	4.11	37.9	34.2	4.24	39.3	25.7	4.32
	90	45.3	45.3	3.73	46.8	43.6	3.85	47.8	36.0	3.92	42.1	42.1	3.95	43.5	41.9	4.07	44.4	34.5	4.15	37.1	37.1	4.13	38.3	38.0	4.26	39.1	31.3	4.34
1600	75	41.4	36.2	3.72	45.8	27.4	3.84	49.2	12.1	3.91	38.5	34.7	3.94	42.6	26.3	4.06	45.8	11.6	4.14	33.9	31.5	4.12	37.5	23.9	4.25	40.3	10.5	4.33
	80	43.2	41.6	3.74	46.6	34.3	3.85	49.2	22.5	3.93	40.2	39.9	3.95	43.3	32.9	4.07	45.8	21.6	4.15	35.4	35.4	4.13	38.1	29.9	4.26	40.3	19.6	4.34
	85	44.8	44.8	3.75	47.3	41.4	3.87	49.1	31.1	3.94	41.7	41.7	3.96	43.9	39.7	4.09	45.6	29.8	4.16	36.7	36.7	4.14	38.7	36.0	4.27	40.2	27.1	4.35
	90	46.3	46.3	3.76	47.8	46.0	3.88	48.8	37.9	3.95	43.0	43.0	3.97	44.4	44.1	4.10	45.4	36.3	4.17	37.9	37.9	4.15	39.1	39.1	4.29	39.9	32.9	4.36
1760	75	42.3	37.3	3.75	46.8	28.2	3.87	50.3	12.5	3.94	39.3	35.8	3.96	43.5	27.1	4.09	46.8	12.0	4.17	34.6	32.4	4.14	38.3	24.6	4.27	41.2	10.8	4.35
	80	44.1	42.8	3.76	47.6	35.4	3.88	50.3	23.2	3.95	41.1	41.1	3.98	44.3	33.9	4.10	46.8	22.2	4.18	36.1	36.1	4.16	39.0	30.8	4.29	41.2	20.1	4.37
	85	45.8	45.8	3.77	48.3	42.6	3.89	50.2	32.0	3.97	42.6	42.6	3.99	44.9	40.8	4.11	46.7	30.7	4.19	37.5	37.5	4.17	39.5	37.0	4.30	41.1	27.9	4.38
	90	47.3	47.3	3.79	48.8	47.3	3.90	49.9	39.0	3.98	44.0	44.0	4.00	45.4	45.4	4.13	46.4	37.4	4.20	38.7	38.7	4.18	40.0	40.0	4.31	40.8	33.9	4.39
1920	75	42.6	38.3	3.78	47.1	29.0	3.90	50.7	12.8	3.97	39.7	36.7	3.99	43.8	27.8	4.12	47.1	12.3	4.19	34.9	33.3	4.17	38.6	25.2	4.30	41.5	11.1	4.38
	80	44.5	43.9	3.79	48.0	36.3	3.91	50.7	23.8	3.98	41.4	41.4	4.00	44.6	34.8	4.13	47.2	22.8	4.21	36.4	36.4	4.18	39.3	31.6	4.31	41.5	20.7	4.39
	85	46.2	46.2	3.80	48.7	43.7	3.92	50.6	32.9	3.99	42.9	42.9	4.02	45.3	41.9	4.14	47.0	31.5	4.22	37.8	37.8	4.20	39.9	38.0	4.33	41.4	28.6	4.41
	90	47.7	47.7	3.81	49.2	48.6	3.93	50.3	40.0	4.01	44.3	44.3	4.03	45.8	45.8	4.15	46.7	38.4	4.23	39.0	39.0	4.21	40.3	40.3	4.34	41.1	34.8	4.42

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-04B0A(C)H/LK-C048BHA0 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	43.9	34.3	3.87	48.6	26.0	3.99	52.2	11.5	4.06	41.8	34.4	4.27	46.2	26.1	4.40	49.6	11.5	4.48
	80	45.8	39.4	3.88	49.4	32.5	4.00	52.2	21.3	4.08	43.6	39.5	4.28	47.0	32.6	4.41	49.7	21.4	4.50
	85	47.6	43.1	3.89	50.2	39.2	4.01	52.1	29.5	4.09	45.2	43.3	4.29	47.7	39.3	4.43	49.5	29.6	4.51
	90	49.1	45.4	3.90	50.7	43.5	4.03	51.8	35.9	4.10	46.7	45.6	4.30	48.2	43.7	4.44	49.2	36.0	4.52
1440	75	46.2	36.8	3.90	51.1	27.8	4.02	54.9	12.3	4.10	43.9	36.9	4.30	48.6	28.0	4.44	52.2	12.3	4.52
	80	48.2	42.2	3.91	52.0	34.9	4.04	55.0	22.8	4.11	45.8	42.4	4.31	49.4	35.0	4.45	52.2	22.9	4.53
	85	50.0	46.3	3.92	52.8	42.0	4.05	54.8	31.6	4.12	47.6	46.5	4.33	50.1	42.2	4.46	52.1	31.7	4.54
	90	51.7	48.7	3.94	53.3	46.6	4.06	54.5	38.5	4.14	49.1	48.9	4.34	50.7	46.8	4.48	51.8	38.6	4.56
1600	75	47.2	38.2	3.93	52.2	28.9	4.06	56.1	12.8	4.13	44.9	38.3	4.35	49.6	29.0	4.49	53.3	12.8	4.57
	80	49.2	43.8	3.95	53.1	36.2	4.07	56.1	23.7	4.15	46.8	44.0	4.36	50.5	36.4	4.50	53.3	23.8	4.58
	85	51.1	48.1	3.96	53.9	43.6	4.08	56.0	32.8	4.16	48.6	48.2	4.38	51.2	43.8	4.51	53.2	32.9	4.60
	90	52.8	50.6	3.97	54.5	48.4	4.10	55.6	39.9	4.17	50.2	50.2	4.39	51.8	48.6	4.53	52.9	40.1	4.61
1760	75	48.2	39.9	3.97	53.3	30.2	4.09	57.3	13.3	4.17	45.9	40.0	4.37	50.7	30.3	4.50	54.5	13.4	4.59
	80	50.3	45.8	3.98	54.3	37.8	4.11	57.4	24.8	4.18	47.8	46.0	4.38	51.6	37.9	4.52	54.5	24.9	4.60
	85	52.2	50.2	3.99	55.1	45.5	4.12	57.2	34.2	4.19	49.7	49.7	4.39	52.4	45.7	4.53	54.4	34.4	4.62
	90	54.0	52.8	4.00	55.7	50.6	4.13	56.9	41.7	4.21	51.3	51.3	4.41	52.9	50.8	4.54	54.0	41.9	4.63
1920	75	48.6	40.9	4.00	53.8	31.0	4.13	57.8	13.7	4.20	46.2	41.1	4.40	51.1	31.1	4.54	54.9	13.7	4.62
	80	50.7	47.0	4.01	54.7	38.8	4.14	57.8	25.4	4.22	48.2	46.3	4.41	52.0	38.9	4.55	55.0	25.5	4.64
	85	52.6	51.5	4.03	55.5	46.7	4.15	57.7	35.1	4.23	50.0	50.0	4.43	52.8	46.9	4.57	54.8	35.3	4.65
	90	54.4	54.2	4.04	56.1	51.9	4.16	57.3	42.8	4.24	51.7	51.7	4.44	53.3	52.1	4.58	54.5	43.0	4.66

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	39.3	32.7	4.59	43.5	24.8	4.73	46.7	10.9	4.82	36.6	31.4	4.86	40.4	23.8	5.01	43.4	10.5	5.10	32.2	28.5	5.08	35.6	21.6	5.24	38.2	9.5	5.34
	80	41.0	37.6	4.60	44.2	31.0	4.75	46.7	20.3	4.84	38.1	36.0	4.87	41.1	29.8	5.02	43.5	19.5	5.12	33.6	32.7	5.09	36.2	27.0	5.26	38.3	17.7	5.35
	85	42.6	41.2	4.62	44.9	37.4	4.76	46.6	28.1	4.85	39.6	39.5	4.88	41.7	35.8	5.04	43.3	27.0	5.13	34.8	34.8	5.11	36.7	32.5	5.27	38.2	24.4	5.37
	90	44.0	43.4	4.63	45.4	41.5	4.78	46.3	34.2	4.86	40.9	40.9	4.90	42.2	39.8	5.05	43.1	32.8	5.15	36.0	36.0	5.12	37.1	36.1	5.29	37.9	29.8	5.38
1440	75	41.3	35.1	4.62	45.7	26.6	4.77	49.1	11.7	4.86	38.4	33.6	4.89	42.5	25.5	5.04	45.7	11.2	5.14	33.8	30.5	5.11	37.4	23.1	5.27	40.2	10.2	5.37
	80	43.1	40.3	4.64	46.5	33.3	4.78	49.2	21.8	4.87	40.1	38.6	4.90	43.3	31.9	5.06	45.7	20.9	5.15	35.3	35.0	5.13	38.1	28.9	5.29	40.2	19.0	5.39
	85	44.8	44.2	4.65	47.2	40.1	4.80	49.0	30.1	4.89	41.6	41.6	4.92	43.9	38.4	5.07	45.6	28.9	5.17	36.6	36.6	5.14	38.6	34.9	5.31	40.1	26.2	5.40
	90	46.2	46.2	4.66	47.7	44.5	4.81	48.7	36.7	4.90	43.0	43.0	4.93	44.4	42.7	5.09	45.3	35.2	5.18	37.8	37.8	5.16	39.1	38.7	5.32	39.9	31.9	5.42
1600	75	42.2	36.4	4.66	46.7	27.6	4.80	50.2	12.2	4.89	39.3	34.9	4.92	43.4	26.5	5.08	46.7	11.7	5.17	34.6	31.7	5.15	38.2	24.0	5.31	41.1	10.6	5.41
	80	44.1	41.8	4.67	47.5	34.6	4.82	50.2	22.6	4.91	41.0	40.1	4.94	44.2	33.1	5.09	46.7	21.7	5.19	36.1	36.1	5.16	38.9	30.1	5.32	41.1	19.7	5.42
	85	45.7	45.7	4.68	48.2	41.6	4.83	50.1	31.3	4.92	42.5	42.5	4.95	44.8	39.9	5.11	46.6	30.0	5.20	37.4	37.4	5.18	39.5	36.2	5.34	41.0	27.2	5.44
	90	47.2	47.2	4.70	48.7	46.2	4.85	49.8	38.1	4.94	43.9	43.9	4.97	45.3	44.3	5.12	46.3	36.6	5.22	38.7	38.7	5.19	39.9	39.9	5.36	40.7	33.2	5.46
1760	75	43.2	38.0	4.69	47.7	28.8	4.84	51.3	12.7	4.93	40.1	36.5	4.96	44.4	27.6	5.11	47.7	12.2	5.21	35.3	33.1	5.18	39.1	25.1	5.34	42.0	11.1	5.44
	80	45.0	43.7	4.70	48.6	36.1	4.85	51.3	23.6	4.94	41.9	41.9	4.97	45.2	34.6	5.13	47.7	22.7	5.22	36.9	36.9	5.20	39.8	31.4	5.36	42.0	20.5	5.46
	85	46.7	46.7	4.72	49.3	43.4	4.87	51.2	32.7	4.96	43.5	43.5	4.99	45.8	41.7	5.14	47.6	31.3	5.24	38.3	38.3	5.21	40.3	37.8	5.38	41.9	28.4	5.47
	90	48.3	48.3	4.73	49.8	48.3	4.88	50.9	39.8	4.97	44.9	44.9	5.00	46.3	46.3	5.16	47.3	38.2	5.25	39.5	39.5	5.23	40.8	40.8	5.39	41.6	34.6	5.49
1920	75	43.5	39.0	4.72	48.1	29.6	4.87	51.7	13.1	4.96	40.5	37.4	4.99	44.7	28.4	5.15	48.1	12.5	5.24	35.6	34.0	5.21	39.4	25.7	5.38	42.3	11.4	5.48
	80	45.4	44.8	4.74	49.0	37.0	4.89	51.7	24.2	4.98	42.2	42.2	5.00	45.5	35.5	5.16	48.1	23.3	5.26	37.2	37.2	5.23	40.1	32.2	5.39	42.3	21.1	5.49
	85	47.1	47.1	4.75	49.7	44.6	4.90	51.6	33.5	4.99	43.8	43.8	5.02	46.2	42.8	5.18	48.0	32.2	5.27	38.6	38.6	5.24	40.7	38.8	5.41	42.2	29.2	5.51
	90	48.7	48.7	4.77	50.2	49.5	4.92	51.3	40.8	5.01	45.2	45.2	5.03	46.7	46.7	5.19	47.7	39.2	5.29	39.8	39.8	5.26	41.1	41.1	5.43	42.0	35.5	5.53

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-05B0CC (English)

Outdoor	DB(°F)	85									95								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1480	75	56.6	44.2	4.47	62.6	33.4	4.61	67.3	14.8	4.70	54.6	45.0	4.93	60.4	34.1	5.09	64.9	15.0	5.18
	80	59.0	50.7	4.48	63.7	41.9	4.63	67.3	27.4	4.71	57.0	51.7	4.95	61.4	42.7	5.10	64.9	27.9	5.20
	85	61.3	55.6	4.50	64.6	50.4	4.64	67.1	37.9	4.73	59.1	56.6	4.96	62.3	51.4	5.12	64.7	38.7	5.21
	90	63.3	58.5	4.51	65.3	56.0	4.65	66.7	46.2	4.74	61.0	59.6	4.98	63.0	57.1	5.13	64.3	47.1	5.23
1665	75	59.5	47.3	4.51	65.8	35.9	4.65	70.7	15.8	4.74	57.4	48.3	4.97	63.5	36.5	5.13	68.2	16.1	5.22
	80	62.1	54.4	4.52	67.0	44.9	4.67	70.8	29.4	4.75	59.9	55.4	4.99	64.6	45.8	5.14	68.3	30.0	5.24
	85	64.4	59.6	4.54	67.9	54.1	4.68	70.6	40.7	4.77	62.2	60.7	5.00	65.6	55.1	5.16	68.1	41.4	5.25
	90	66.6	62.7	4.55	68.7	60.1	4.69	70.1	49.5	4.78	64.2	63.9	5.01	66.3	61.2	5.17	67.7	50.5	5.27
1850	75	60.8	49.9	4.55	67.2	37.8	4.69	72.3	16.7	4.78	58.6	50.8	5.03	64.8	38.5	5.19	69.7	17.0	5.28
	80	63.4	57.2	4.56	68.4	47.3	4.71	72.3	31.0	4.79	61.2	58.3	5.04	66.0	48.2	5.20	69.7	31.6	5.30
	85	65.8	62.7	4.58	69.4	56.9	4.72	72.1	42.8	4.81	63.5	63.5	5.06	67.0	58.0	5.22	69.5	43.6	5.31
	90	68.0	66.1	4.59	70.1	63.3	4.73	71.6	52.2	4.82	65.6	65.6	5.07	67.7	64.5	5.23	69.1	53.1	5.33
2035	75	62.1	51.3	4.59	68.7	38.9	4.73	73.9	17.2	4.82	59.9	52.3	5.05	66.3	39.6	5.21	71.3	17.5	5.30
	80	64.8	58.9	4.60	69.9	48.7	4.75	73.9	31.9	4.83	62.5	60.1	5.06	67.5	49.6	5.22	71.3	32.5	5.32
	85	67.3	64.6	4.61	70.9	58.6	4.76	73.7	44.1	4.85	64.9	64.9	5.08	68.4	59.7	5.24	71.1	44.9	5.34
	90	69.5	68.0	4.63	71.7	65.1	4.77	73.2	53.7	4.86	67.0	67.0	5.09	69.2	66.4	5.25	70.7	54.7	5.35
2220	75	62.6	52.7	4.63	69.2	39.9	4.77	74.4	17.6	4.86	60.4	53.7	5.09	66.8	40.7	5.25	71.8	17.9	5.34
	80	65.3	60.5	4.64	70.5	50.0	4.79	74.5	32.7	4.87	63.0	60.5	5.10	68.0	50.9	5.26	71.8	33.3	5.36
	85	67.8	66.3	4.65	71.5	60.2	4.80	74.3	45.3	4.89	65.4	65.4	5.12	69.0	61.3	5.28	71.6	46.1	5.38
	90	70.0	69.8	4.67	72.3	66.8	4.81	73.8	55.1	4.90	67.6	67.6	5.13	69.7	68.1	5.29	71.2	56.2	5.39

Outdoor	DB(°F)	105									115									125								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1480	75	51.6	43.0	5.30	57.1	32.6	5.47	61.4	14.4	5.57	48.3	41.4	5.61	53.4	31.4	5.79	57.4	13.8	5.90	44.3	39.2	5.87	49.0	29.7	6.06	52.6	13.1	6.17
	80	53.9	49.4	5.32	58.1	40.8	5.49	61.4	26.7	5.59	50.4	47.6	5.63	54.3	39.3	5.81	57.4	25.7	5.91	46.2	45.0	5.89	49.8	37.1	6.07	52.7	24.3	6.19
	85	55.9	54.1	5.34	59.0	49.1	5.50	61.2	36.9	5.61	52.3	52.1	5.65	55.1	47.3	5.82	57.2	35.6	5.93	47.9	47.9	5.91	50.6	44.7	6.09	52.5	33.6	6.21
	90	57.8	57.0	5.35	59.6	54.6	5.52	60.9	45.0	5.62	54.0	54.0	5.66	55.7	52.6	5.84	56.9	43.3	5.95	49.5	49.5	5.92	51.1	49.7	6.11	52.2	41.0	6.22
1665	75	54.3	46.1	5.34	60.1	34.9	5.51	64.6	15.4	5.61	50.8	44.4	5.65	56.1	33.6	5.83	60.3	14.9	5.94	46.6	42.0	5.91	51.5	31.8	6.10	55.4	14.0	6.21
	80	56.7	52.9	5.36	61.1	43.7	5.53	64.6	28.6	5.63	53.0	51.0	5.67	57.1	42.1	5.85	60.4	27.6	5.96	48.6	48.2	5.93	52.4	39.8	6.11	55.4	26.1	6.23
	85	58.8	58.0	5.38	62.0	52.7	5.54	64.4	39.6	5.65	55.0	55.0	5.69	58.0	50.7	5.86	60.2	38.2	5.97	50.4	50.4	5.95	53.2	48.0	6.13	55.2	36.1	6.25
	90	60.7	60.7	5.39	62.7	58.5	5.56	64.0	48.2	5.66	56.8	56.8	5.70	58.6	56.4	5.88	59.8	46.5	5.99	52.1	52.1	5.96	53.7	53.3	6.15	54.9	43.9	6.27
1850	75	55.5	48.5	5.38	61.3	36.8	5.55	66.0	16.2	5.65	51.9	46.8	5.69	57.3	35.4	5.87	61.6	15.6	5.98	47.6	44.2	5.95	52.6	33.5	6.14	56.5	14.8	6.25
	80	57.9	55.7	5.40	62.4	46.0	5.57	66.0	30.1	5.67	54.1	53.7	5.71	58.4	44.4	5.89	61.7	29.1	6.00	49.6	49.6	5.97	53.5	41.9	6.15	56.6	27.5	6.27
	85	60.1	60.1	5.41	63.3	55.4	5.59	65.8	41.7	5.69	56.1	56.1	5.72	59.2	53.4	5.90	61.5	41.4	6.01	51.5	51.5	5.98	54.3	50.5	6.17	56.4	38.0	6.29
	90	62.0	62.0	5.43	64.0	61.6	5.60	65.4	50.8	5.71	58.0	58.0	5.74	59.8	59.4	5.92	61.1	50.4	6.03	53.2	53.2	6.00	54.9	54.9	6.19	56.1	46.3	6.31
2035	75	56.7	50.0	5.42	62.7	37.8	5.59	67.4	16.7	5.70	53.0	48.2	5.73	58.6	36.5	5.91	63.0	16.1	6.02	48.6	45.5	5.99	53.8	34.5	6.18	57.8	15.2	6.29
	80	59.2	57.4	5.44	63.8	47.4	5.61	67.4	31.0	5.71	55.3	55.3	5.75	59.7	45.7	5.93	63.0	29.9	6.04	50.7	50.7	6.01	54.7	43.2	6.19	57.8	28.3	6.31
	85	61.4	61.4	5.45	64.8	57.1	5.63	67.3	42.9	5.73	57.4	57.4	5.76	60.5	55.0	5.94	62.9	41.4	6.06	52.6	52.6	6.02	55.5	52.0	6.21	57.7	39.1	6.33
	90	63.4	63.4	5.47	65.4	63.4	5.64	66.8	52.3	5.75	59.3	59.3	5.78	61.2	61.1	5.96	62.5	50.4	6.07	54.4	54.4	6.04	56.1	56.1	6.23	57.3	47.6	6.35
2220	75	57.2	51.3	5.46	63.2	38.8	5.63	67.9	17.1	5.74	53.4	49.4	5.77	59.1	37.4	5.95	63.5	16.5	6.06	49.0	46.7	6.03	54.2	35.4	6.22	58.2	15.6	6.33
	80	59.6	58.9	5.48	64.3	48.6	5.65	68.0	31.9	5.75	55.7	55.7	5.78	60.1	46.9	5.97	63.5	30.7	6.08	51.1	51.1	6.04	55.1	44.3	6.23	58.3	29.0	6.35
	85	61.9	61.9	5.49	65.3	58.6	5.67	67.8	44.1	5.77	57.8	57.8	5.80	61.0	56.5	5.99	63.3	42.5	6.10	53.1	53.1	6.06	55.9	53.4	6.25	58.1	40.1	6.37
	90	63.9	63.9	5.51	66.0	65.1	5.68	67.4	53.7	5.79	59.7	59.7	5.82	61.6	61.6	6.00	63.0	51.7	6.11	54.8	54.8	6.08	56.5	56.5	6.27	57.8	48.9	6.39

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0529A(C)H (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	52.9	41.2	4.47	58.4	31.2	4.61	62.8	13.8	4.70	50.2	41.4	4.93	55.5	31.4	5.09	59.7	13.8	5.18
	80	55.1	47.4	4.48	59.5	39.1	4.62	62.9	25.6	4.71	52.4	47.6	4.94	56.5	39.3	5.10	59.7	25.7	5.20
	85	57.2	51.9	4.50	60.3	47.1	4.64	62.7	35.4	4.72	54.4	52.1	4.96	57.4	47.3	5.12	59.6	35.6	5.21
	90	59.1	54.7	4.51	61.0	52.3	4.65	62.3	43.1	4.74	56.2	54.9	4.97	58.0	52.5	5.13	59.2	43.3	5.23
1800	75	55.6	44.2	4.51	61.5	33.5	4.65	66.1	14.8	4.74	52.8	44.4	4.97	58.4	33.6	5.12	62.8	14.8	5.22
	80	58.0	50.8	4.52	62.6	41.9	4.66	66.1	27.5	4.75	55.1	51.0	4.98	59.5	42.1	5.14	62.8	27.6	5.24
	85	60.2	55.7	4.53	63.5	50.5	4.68	65.9	38.0	4.76	57.2	55.9	5.00	60.3	50.7	5.16	62.7	38.1	5.25
	90	62.2	58.6	4.55	64.2	56.1	4.69	65.5	46.3	4.78	59.1	58.9	5.01	61.0	56.3	5.17	62.3	46.5	5.27
2000	75	56.8	46.6	4.55	62.8	35.3	4.69	67.5	15.6	4.78	54.0	46.8	5.03	59.7	35.4	5.18	64.1	15.6	5.28
	80	59.2	53.5	4.56	63.9	44.2	4.70	67.5	28.9	4.79	56.3	53.7	5.04	60.7	44.3	5.20	64.2	29.0	5.30
	85	61.5	58.6	4.57	64.8	53.2	4.72	67.3	40.0	4.81	58.4	58.4	5.06	61.6	53.4	5.22	64.0	40.2	5.31
	90	63.5	61.7	4.59	65.5	59.1	4.73	66.9	48.7	4.82	60.4	60.4	5.07	62.3	59.3	5.23	63.6	48.9	5.33
2200	75	58.0	47.9	4.58	64.2	36.3	4.73	69.0	16.0	4.82	55.2	48.1	5.05	61.0	36.5	5.20	65.6	16.1	5.30
	80	60.6	55.1	4.60	65.3	45.5	4.74	69.0	29.8	4.83	57.6	55.3	5.06	62.1	45.7	5.22	65.6	29.9	5.32
	85	62.8	60.3	4.61	66.3	54.8	4.76	68.8	41.2	4.85	59.7	59.7	5.08	63.0	55.0	5.24	65.4	41.4	5.33
	90	64.9	63.5	4.63	67.0	60.8	4.77	68.4	50.2	4.86	61.7	61.7	5.09	63.7	61.1	5.25	65.0	50.4	5.35
2400	75	58.5	49.2	4.62	64.7	37.3	4.77	69.5	16.4	4.86	55.6	49.4	5.08	61.5	37.4	5.24	66.1	16.5	5.34
	80	61.0	56.5	4.64	65.8	46.7	4.78	69.6	30.6	4.87	58.0	55.7	5.10	62.6	46.9	5.26	66.1	30.7	5.36
	85	63.3	61.9	4.65	66.8	56.2	4.80	69.4	42.3	4.89	60.2	60.2	5.11	63.5	56.4	5.28	65.9	42.4	5.37
	90	65.4	65.2	4.67	67.5	62.4	4.81	68.9	51.5	4.90	62.2	62.2	5.13	64.2	62.7	5.29	65.5	51.7	5.39

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	47.3	39.4	5.30	52.3	29.8	5.47	56.2	13.2	5.57	44.0	37.7	5.61	48.6	28.6	5.79	52.3	12.6	5.89	38.7	34.2	5.87	42.8	25.9	6.05	46.0	11.4	6.17
	80	49.3	45.2	5.32	53.2	37.3	5.49	56.2	24.5	5.59	45.9	43.3	5.63	49.5	35.8	5.80	52.3	23.4	5.91	40.4	39.3	5.89	43.6	32.5	6.07	46.0	21.3	6.19
	85	51.2	49.5	5.33	54.0	45.0	5.50	56.1	33.8	5.60	47.6	47.5	5.64	50.2	43.1	5.82	52.1	32.4	5.93	41.9	41.9	5.90	44.2	39.1	6.09	45.9	29.4	6.20
	90	52.9	52.2	5.35	54.6	50.0	5.52	55.7	41.2	5.62	49.2	49.2	5.66	50.7	47.9	5.84	51.8	39.5	5.95	43.3	43.3	5.92	44.7	43.4	6.11	45.6	35.8	6.22
1800	75	49.7	42.2	5.34	55.0	32.0	5.51	59.1	14.1	5.61	46.3	40.5	5.65	51.1	30.7	5.83	55.0	13.5	5.94	40.7	36.7	5.91	45.0	27.8	6.09	48.4	12.3	6.21
	80	51.9	48.5	5.36	56.0	40.0	5.53	59.2	26.2	5.63	48.3	46.5	5.67	52.1	38.4	5.84	55.0	25.1	5.95	42.5	42.2	5.93	45.8	34.8	6.11	48.4	22.8	6.23
	85	53.9	53.1	5.37	56.8	48.2	5.54	59.0	36.3	5.65	50.1	50.1	5.68	52.8	46.2	5.86	54.8	34.8	5.97	44.1	44.1	5.94	46.5	41.9	6.13	48.3	31.5	6.24
	90	55.6	55.6	5.39	57.4	53.6	5.56	58.6	44.2	5.66	51.7	51.7	5.70	53.4	51.4	5.88	54.5	42.3	5.99	45.5	45.5	5.96	47.0	46.6	6.15	48.0	38.4	6.26
2000	75	50.8	44.4	5.38	56.2	33.7	5.55	60.4	14.9	5.65	47.2	42.6	5.69	52.2	32.3	5.87	56.2	14.2	5.98	41.6	38.7	5.95	46.0	29.3	6.13	49.4	12.9	6.25
	80	53.0	51.0	5.40	57.2	42.2	5.57	60.4	27.6	5.67	49.3	48.9	5.70	53.2	40.4	5.88	56.2	26.5	5.99	43.4	43.4	5.96	46.8	36.7	6.15	49.5	24.0	6.27
	85	55.0	55.0	5.41	58.0	50.8	5.58	60.2	38.2	5.69	51.2	51.2	5.72	53.9	48.7	5.90	56.0	36.6	6.01	45.0	45.0	5.98	47.5	44.2	6.17	49.3	33.2	6.29
	90	56.8	56.8	5.43	58.6	56.4	5.60	59.9	46.5	5.70	52.8	52.8	5.74	54.5	54.1	5.92	55.7	44.6	6.03	46.5	46.5	6.00	48.0	48.0	6.19	49.0	40.4	6.30
2200	75	51.9	45.8	5.42	57.4	34.7	5.59	61.7	15.3	5.69	48.3	43.9	5.73	53.4	33.2	5.91	57.4	14.7	6.02	42.5	39.8	5.99	47.0	30.1	6.17	50.5	13.3	6.29
	80	54.2	52.6	5.43	58.5	43.4	5.61	61.8	28.4	5.71	50.4	50.4	5.74	54.4	41.6	5.92	57.4	27.3	6.03	44.4	44.4	6.00	47.8	37.7	6.19	50.6	24.7	6.31
	85	56.2	56.2	5.45	59.3	52.3	5.62	61.6	39.3	5.73	52.3	52.3	5.76	55.1	50.1	5.94	57.3	37.7	6.05	46.0	46.0	6.02	48.5	45.5	6.21	50.4	34.2	6.33
	90	58.1	58.1	5.47	59.9	58.1	5.64	61.2	47.9	5.74	54.0	54.0	5.78	55.7	55.7	5.96	56.9	45.9	6.07	47.5	47.5	6.04	49.1	49.1	6.23	50.1	41.6	6.35
2400	75	52.3	47.0	5.46	57.9	35.6	5.63	62.2	15.7	5.73	48.7	45.0	5.77	53.8	34.1	5.95	57.8	15.1	6.06	42.8	40.8	6.02	47.4	30.9	6.21	50.9	13.7	6.33
	80	54.6	53.9	5.47	58.9	44.5	5.65	62.2	29.2	5.75	50.8	50.8	5.78	54.8	42.7	5.96	57.9	28.0	6.08	44.7	44.7	6.04	48.2	38.7	6.23	50.9	25.4	6.35
	85	56.7	56.7	5.49	59.8	53.6	5.66	62.1	40.3	5.77	52.7	52.7	5.80	55.6	51.4	5.98	57.7	38.7	6.09	46.4	46.4	6.06	48.9	46.7	6.25	50.8	35.1	6.37
	90	58.5	58.5	5.51	60.4	59.6	5.68	61.7	49.1	5.79	54.4	54.4	5.82	56.2	56.2	6.00	57.4	47.1	6.11	47.9	47.9	6.08	49.4	49.4	6.27	50.5	42.7	6.39

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C0602HA0 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	51.8	41.9	4.66	57.3	31.5	4.81	61.6	14.0	4.90	51.8	41.9	4.66	57.3	31.5	4.81	61.6	14.0	4.90
	80	54.1	47.9	4.67	58.3	39.7	4.82	61.6	25.9	4.91	54.1	47.9	4.67	58.3	39.7	4.82	61.6	25.9	4.91
	85	56.1	52.6	4.69	59.2	47.5	4.84	61.5	35.9	4.93	56.1	52.6	4.69	59.2	47.5	4.84	61.5	35.9	4.93
	90	58.0	55.5	4.70	59.8	53.0	4.85	61.1	43.9	4.94	58.0	55.5	4.70	59.8	53.0	4.85	61.1	43.9	4.94
1800	75	54.0	46.1	4.70	59.7	34.7	4.85	64.2	15.4	4.94	54.0	46.1	4.70	59.7	34.7	4.85	64.2	15.4	4.94
	80	56.3	52.8	4.72	60.8	43.7	4.86	64.2	28.5	4.95	56.3	52.8	4.72	60.8	43.7	4.86	64.2	28.5	4.95
	85	58.5	58.0	4.73	61.7	52.3	4.88	64.0	39.5	4.97	58.5	58.0	4.73	61.7	52.3	4.88	64.0	39.5	4.97
	90	60.4	60.4	4.74	62.3	58.4	4.89	63.6	48.4	4.98	60.4	60.4	4.74	62.3	58.4	4.89	63.6	48.4	4.98
2000	75	55.6	50.2	4.75	61.5	37.8	4.90	66.1	16.8	4.99	55.6	50.2	4.75	61.5	37.8	4.90	66.1	16.8	4.99
	80	58.0	57.5	4.77	62.6	47.6	4.92	66.1	31.0	5.01	58.0	57.5	4.77	62.6	47.6	4.92	66.1	31.0	5.01
	85	60.2	60.2	4.78	63.5	56.9	4.93	66.0	43.0	5.02	60.2	60.2	4.78	63.5	56.9	4.93	66.0	43.0	5.02
	90	62.2	62.2	4.79	64.2	63.5	4.95	65.6	52.6	5.04	62.2	62.2	4.79	64.2	63.5	4.95	65.6	52.6	5.04
2200	75	56.7	53.7	4.78	62.7	40.4	4.93	67.4	18.0	5.02	56.7	53.7	4.78	62.7	40.4	4.93	67.4	18.0	5.02
	80	59.1	59.1	4.79	63.8	50.9	4.94	67.4	33.2	5.04	59.1	59.1	4.79	63.8	50.9	4.94	67.4	33.2	5.04
	85	61.4	61.4	4.81	64.7	60.9	4.96	67.2	46.0	5.05	61.4	61.4	4.81	64.7	60.9	4.96	67.2	46.0	5.05
	90	63.4	63.4	4.82	65.4	65.4	4.97	66.8	56.3	5.07	63.4	63.4	4.82	65.4	65.4	4.97	66.8	56.3	5.07
2400	75	57.2	56.9	4.80	63.2	42.8	4.96	68.0	19.0	5.05	57.2	56.9	4.80	63.2	42.8	4.96	68.0	19.0	5.05
	80	59.7	59.7	4.82	64.4	53.9	4.97	68.0	35.2	5.06	59.7	59.7	4.82	64.4	53.9	4.97	68.0	35.2	5.06
	85	61.9	61.9	4.83	65.3	64.5	4.99	67.8	48.8	5.08	61.9	61.9	4.83	65.3	64.5	4.99	67.8	48.8	5.08
	90	64.0	64.0	4.85	66.0	66.0	5.00	67.4	59.7	5.09	64.0	64.0	4.85	66.0	66.0	5.00	67.4	59.7	5.09

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	47.4	39.8	5.67	52.4	29.9	5.85	56.4	13.3	5.96	44.4	38.2	6.25	49.1	28.8	6.45	52.8	12.8	6.57	40.9	36.9	6.89	45.2	27.8	7.10	48.6	12.4	7.24
	80	49.5	45.6	5.69	53.4	37.7	5.87	56.4	24.6	5.98	46.4	43.8	6.27	50.0	36.2	6.47	52.8	23.6	6.59	42.6	42.3	6.91	46.0	35.0	7.13	48.6	22.8	7.26
	85	51.4	50.0	5.71	54.2	45.2	5.89	56.3	34.1	6.00	48.1	48.0	6.29	50.7	43.4	6.49	52.7	32.8	6.61	44.3	44.3	6.93	46.7	41.9	7.15	48.5	31.6	7.28
	90	53.0	52.8	5.72	54.7	50.4	5.90	55.9	41.7	6.01	49.7	49.7	6.31	51.3	48.4	6.51	52.4	40.1	6.63	45.7	45.7	6.95	47.2	46.7	7.17	48.2	38.7	7.30
1800	75	49.4	43.9	5.72	54.6	33.0	5.90	58.7	14.7	6.01	46.3	42.1	6.31	51.2	31.7	6.51	55.0	14.1	6.63	42.6	40.7	6.95	47.1	30.6	7.17	50.6	13.6	7.30
	80	51.6	50.3	5.74	55.6	41.6	5.92	58.8	27.1	6.03	48.3	48.3	6.33	52.1	39.9	6.53	55.0	26.1	6.65	44.4	44.4	6.97	47.9	38.6	7.19	50.6	25.2	7.32
	85	53.5	53.5	5.76	56.4	49.8	5.94	58.6	37.6	6.05	50.1	50.1	6.35	52.8	47.8	6.55	54.9	36.1	6.67	46.1	46.1	6.99	48.6	46.1	7.21	50.5	34.9	7.34
	90	55.3	55.3	5.77	57.0	55.5	5.96	58.2	46.0	6.07	51.8	51.8	6.37	53.4	53.3	6.57	54.6	44.2	6.69	47.6	47.6	7.01	49.1	49.1	7.23	50.2	42.7	7.37
2000	75	50.9	47.8	5.78	56.3	35.9	5.97	60.5	16.0	6.08	47.7	45.9	6.38	52.7	34.5	6.58	56.7	15.4	6.70	43.9	43.9	7.02	48.5	33.3	7.24	52.1	14.8	7.38
	80	53.1	53.1	5.80	57.3	45.3	5.99	60.5	29.5	6.10	49.7	49.7	6.40	53.7	43.5	6.60	56.7	28.4	6.72	45.8	45.8	7.04	49.4	42.0	7.27	52.2	27.4	7.40
	85	55.1	55.1	5.82	58.1	54.2	6.00	60.4	40.9	6.11	51.6	51.6	6.41	54.4	52.0	6.62	56.5	39.3	6.74	47.5	47.5	7.06	50.1	50.1	7.29	52.0	37.9	7.42
	90	56.9	56.9	5.84	58.7	58.7	6.02	60.0	50.1	6.13	53.3	53.3	6.43	55.0	55.0	6.64	56.2	48.1	6.76	49.1	49.1	7.09	50.6	50.6	7.31	51.7	46.4	7.44
2200	75	51.9	51.1	5.82	57.4	38.4	6.00	61.7	17.1	6.11	48.6	48.6	6.41	53.7	36.9	6.61	57.7	16.4	6.74	44.7	44.7	7.06	49.4	35.6	7.28	53.1	15.9	7.42
	80	54.1	54.1	5.83	58.4	48.4	6.02	61.7	31.6	6.13	50.7	50.7	6.43	54.7	46.5	6.63	57.8	30.3	6.76	46.6	46.6	7.08	50.3	44.9	7.31	53.1	29.3	7.44
	85	56.2	56.2	5.85	59.2	58.0	6.04	61.5	43.8	6.15	52.6	52.6	6.45	55.5	55.5	6.65	57.6	42.1	6.78	48.4	48.4	7.10	51.0	51.0	7.33	53.0	40.6	7.46
	90	58.0	58.0	5.87	59.9	59.9	6.05	61.1	53.6	6.17	54.3	54.3	6.47	56.1	56.1	6.67	57.3	51.5	6.80	50.0	50.0	7.12	51.6	51.6	7.35	52.7	49.7	7.49
2400	75	52.3	52.3	5.85	57.9	40.7	6.03	62.2	18.1	6.14	49.0	49.0	6.45	54.2	39.1	6.65	58.3	17.4	6.77	45.1	45.1	7.10	49.9	37.7	7.32	53.6	16.8	7.46
	80	54.6	54.6	5.87	58.9	51.3	6.05	62.2	33.5	6.16	51.1	51.1	6.47	55.2	49.3	6.67	58.3	32.1	6.79	47.1	47.1	7.12	50.8	47.6	7.35	53.6	31.0	7.48
	85	56.7	56.7	5.88	59.8	59.8	6.07	62.1	46.4	6.18	53.1	53.1	6.49	56.0	56.0	6.69	58.1	44.5	6.81	48.8	48.8	7.14	51.5	51.5	7.37	53.5	43.0	7.50
	90	58.5	58.5	5.90	60.4	60.4	6.09	61.7	56.8	6.20	54.8	54.8	6.51	56.6	56.6	6.71	57.8	54.5	6.83	50.4	50.4	7.16	52.0	52.0	7.39	53.2	52.6	7.53

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C060BHA0 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	53.5	43.2	5.26	59.2	32.5	5.43	63.6	14.5	5.53	51.7	42.8	5.67	57.1	32.2	5.85	61.4	14.3	5.96
	80	55.9	49.5	5.28	60.3	41.0	5.44	63.7	26.7	5.55	53.9	49.0	5.69	58.1	40.6	5.87	61.4	26.5	5.97
	85	58.0	54.3	5.29	61.1	49.0	5.46	63.5	37.0	5.56	55.9	53.8	5.70	59.0	48.6	5.88	61.3	36.7	5.99
	90	59.9	57.4	5.31	61.8	54.7	5.48	63.1	45.3	5.58	57.8	56.8	5.72	59.6	54.2	5.90	60.9	44.9	6.01
1800	75	55.8	47.7	5.31	61.7	35.8	5.48	66.3	15.9	5.58	53.8	47.2	5.72	59.5	35.5	5.90	64.0	15.8	6.01
	80	58.2	54.6	5.32	62.8	45.2	5.49	66.3	29.5	5.59	56.2	54.1	5.74	60.6	44.7	5.92	64.0	29.2	6.03
	85	60.4	59.9	5.34	63.7	54.0	5.51	66.1	40.8	5.61	58.3	58.3	5.75	61.4	53.5	5.94	63.8	40.4	6.05
	90	62.4	62.4	5.36	64.4	60.3	5.53	65.7	50.0	5.63	60.2	60.2	5.77	62.1	59.7	5.95	63.4	49.5	6.06
2000	75	57.5	51.9	5.37	63.5	39.0	5.53	68.3	17.4	5.64	55.4	51.4	5.78	61.3	38.6	5.96	65.9	17.2	6.07
	80	59.9	59.4	5.38	64.7	49.1	5.55	68.3	32.1	5.65	57.8	57.8	5.80	62.4	48.7	5.98	65.9	31.8	6.09
	85	62.2	62.2	5.40	65.6	58.8	5.57	68.1	44.4	5.67	60.0	60.0	5.82	63.3	58.3	6.00	65.7	44.0	6.11
	90	64.3	64.3	5.41	66.3	65.6	5.58	67.7	54.4	5.69	62.0	62.0	5.83	64.0	64.0	6.02	65.3	53.9	6.13
2200	75	58.6	55.5	5.40	64.7	41.7	5.57	69.6	18.6	5.67	56.5	55.0	5.81	62.5	41.3	6.00	67.2	18.4	6.11
	80	61.1	61.1	5.41	65.9	52.6	5.58	69.6	34.3	5.69	58.9	58.9	5.83	63.6	52.1	6.01	67.2	34.0	6.13
	85	63.4	63.4	5.43	66.8	63.0	5.60	69.4	47.6	5.70	61.2	61.2	5.85	64.5	62.3	6.03	67.0	47.1	6.14
	90	65.5	65.5	5.44	67.6	67.6	5.62	69.0	58.2	5.72	63.2	63.2	5.87	65.2	65.2	6.05	66.6	57.6	6.16
2400	75	59.1	58.8	5.43	65.3	44.2	5.60	70.2	19.7	5.70	57.0	57.0	5.85	63.0	43.8	6.03	67.8	19.5	6.14
	80	61.6	61.6	5.44	66.5	55.7	5.61	70.3	36.3	5.72	59.5	59.5	5.86	64.2	55.2	6.05	67.8	36.0	6.16
	85	64.0	64.0	5.46	67.5	66.7	5.63	70.1	50.4	5.73	61.7	61.7	5.88	65.1	65.1	6.07	67.6	49.9	6.18
	90	66.1	66.1	5.47	68.2	68.2	5.65	69.6	61.6	5.75	63.8	63.8	5.90	65.8	65.8	6.08	67.2	61.0	6.20

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	49.0	41.1	6.27	54.2	30.9	6.47	58.2	13.8	6.59	45.9	39.5	6.86	50.7	29.7	7.07	54.5	13.2	7.20	42.2	38.1	7.49	46.7	28.7	7.72	50.2	12.8	7.87
	80	51.1	47.1	6.29	55.1	39.0	6.49	58.3	25.4	6.61	47.9	45.2	6.88	51.6	37.4	7.09	54.6	24.4	7.22	44.0	43.7	7.51	47.5	36.1	7.75	50.2	23.6	7.89
	85	53.0	51.7	6.31	55.9	46.6	6.51	58.1	35.2	6.63	49.7	49.6	6.90	52.4	44.8	7.11	54.4	33.8	7.25	45.7	45.7	7.53	48.2	43.2	7.77	50.0	32.7	7.91
	90	54.8	54.6	6.33	56.5	52.0	6.53	57.7	43.1	6.65	51.3	51.3	6.92	52.9	50.0	7.14	54.1	41.4	7.27	47.2	47.2	7.56	48.7	48.2	7.79	49.7	40.0	7.94
1800	75	51.0	45.3	6.33	56.4	34.1	6.53	60.7	15.2	6.65	47.8	43.5	6.92	52.8	32.7	7.13	56.8	14.6	7.27	44.0	42.0	7.55	48.6	31.6	7.79	52.3	14.1	7.94
	80	53.3	51.9	6.35	57.4	43.0	6.55	60.7	28.0	6.67	49.9	49.9	6.94	53.8	41.2	7.16	56.8	26.9	7.29	45.9	45.9	7.58	49.5	39.8	7.82	52.3	26.0	7.96
	85	55.3	55.3	6.37	58.3	51.4	6.57	60.5	38.8	6.69	51.8	51.8	6.96	54.6	49.4	7.18	56.7	37.3	7.31	47.6	47.6	7.60	50.2	47.6	7.84	52.1	36.0	7.99
	90	57.1	57.1	6.39	58.9	57.4	6.59	60.2	47.5	6.71	53.5	53.5	6.98	55.2	55.1	7.20	56.3	45.6	7.33	49.2	49.2	7.62	50.7	50.7	7.86	51.8	44.0	8.01
2000	75	52.6	49.3	6.40	58.1	37.1	6.60	62.5	16.5	6.72	49.2	47.4	6.99	54.4	35.6	7.21	58.5	15.9	7.34	45.3	45.3	7.64	50.1	34.4	7.88	53.8	15.3	8.02
	80	54.9	54.9	6.42	59.2	46.7	6.62	62.5	30.5	6.74	51.4	51.4	7.01	55.4	44.9	7.23	58.6	29.3	7.37	47.3	47.3	7.66	51.0	43.3	7.90	53.9	28.3	8.05
	85	56.9	56.9	6.44	60.0	56.0	6.64	62.3	42.3	6.76	53.3	53.3	7.03	56.2	53.7	7.25	58.4	40.6	7.39	49.0	49.0	7.68	51.7	51.7	7.92	53.7	39.2	8.07
	90	58.8	58.8	6.46	60.7	60.7	6.66	62.0	51.7	6.78	55.1	55.1	7.05	56.8	56.8	7.28	58.0	49.7	7.41	50.7	50.7	7.70	52.3	52.3	7.95	53.4	47.9	8.09
2200	75	53.6	52.8	6.43	59.2	39.7	6.64	63.7	17.7	6.76	50.2	50.2	7.03	55.5	38.1	7.25	59.6	17.0	7.38	46.2	46.2	7.68	51.0	36.8	7.92	54.9	16.4	8.07
	80	55.9	55.9	6.45	60.3	50.0	6.66	63.7	32.6	6.78	52.3	52.3	7.05	56.5	48.0	7.27	59.7	31.3	7.41	48.2	48.2	7.70	51.9	46.4	7.94	54.9	30.3	8.09
	85	58.0	58.0	6.47	61.2	59.9	6.68	63.5	45.2	6.80	54.3	54.3	7.07	57.3	57.3	7.29	59.5	43.4	7.43	50.0	50.0	7.72	52.7	52.7	7.97	54.7	41.9	8.12
	90	59.9	59.9	6.49	61.8	61.8	6.70	63.1	55.4	6.82	56.1	56.1	7.09	57.9	57.9	7.32	59.1	53.2	7.45	51.6	51.6	7.75	53.3	53.3	7.99	54.4	51.3	8.14
2400	75	54.1	54.1	6.47	59.8	42.0	6.67	64.3	18.7	6.80	50.6	50.6	7.07	56.0	40.4	7.29	60.2	18.0	7.43	46.6	46.6	7.72	51.5	39.0	7.96	55.4	17.3	8.11
	80	56.4	56.4	6.49	60.8	53.0	6.69	64.3	34.6	6.82	52.8	52.8	7.09	57.0	50.9	7.31	60.2	33.2	7.45	48.6	48.6	7.74	52.4	49.1	7.99	55.4	32.0	8.14
	85	58.5	58.5	6.51	61.7	61.7	6.71	64.1	47.9	6.84	54.8	54.8	7.11	57.8	57.8	7.33	60.0	46.0	7.47	50.4	50.4	7.77	53.2	53.2	8.01	55.2	44.4	8.16
	90	60.5	60.5	6.53	62.4	62.4	6.73	63.7	58.6	6.86	56.6	56.6	7.13	58.4	58.4	7.36	59.7	56.3	7.49	52.1	52.1	7.79	53.7	53.7	8.04	54.9	54.3	8.18

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-H0602H00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	51.8	41.9	4.30	57.3	31.5	4.44	61.6	14.0	4.52	50.0	41.4	4.98	55.3	31.2	5.14	59.4	13.9	5.24
	80	54.1	47.9	4.32	58.3	39.7	4.45	61.6	25.9	4.53	52.2	47.5	5.00	56.3	39.3	5.16	59.5	25.6	5.25
	85	56.1	52.6	4.33	59.2	47.5	4.47	61.5	35.9	4.55	54.1	52.1	5.01	57.1	47.0	5.17	59.3	35.5	5.27
	90	58.0	55.5	4.34	59.8	53.0	4.48	61.1	43.9	4.56	55.9	55.0	5.03	57.7	52.4	5.19	58.9	43.5	5.28
1800	75	54.0	46.1	4.34	59.7	34.7	4.48	64.2	15.4	4.56	52.1	45.7	5.03	57.6	34.4	5.19	61.9	15.3	5.28
	80	56.3	52.8	4.35	60.8	43.7	4.49	64.2	28.5	4.57	54.4	52.3	5.04	58.6	43.3	5.20	62.0	28.2	5.30
	85	58.5	58.0	4.37	61.7	52.3	4.50	64.0	39.5	4.59	56.4	56.4	5.06	59.5	51.8	5.22	61.8	39.1	5.31
	90	60.4	60.4	4.38	62.3	58.4	4.52	63.6	48.4	4.60	58.3	58.3	5.07	60.1	57.8	5.23	61.4	47.9	5.33
2000	75	55.6	50.2	4.39	61.5	37.8	4.53	66.1	16.8	4.61	53.7	49.7	5.08	59.3	37.4	5.24	63.8	16.6	5.34
	80	58.0	57.5	4.40	62.6	47.6	4.54	66.1	31.0	4.62	56.0	56.0	5.10	60.4	47.1	5.26	63.8	30.7	5.36
	85	60.2	60.2	4.41	63.5	56.9	4.55	66.0	43.0	4.64	58.1	58.1	5.11	61.3	56.4	5.27	63.6	42.6	5.37
	90	62.2	62.2	4.43	64.2	63.5	4.57	65.6	52.6	4.65	60.0	60.0	5.13	61.9	61.9	5.29	63.3	52.1	5.39
2200	75	56.7	53.7	4.41	62.7	40.4	4.55	67.4	18.0	4.64	54.7	53.2	5.11	60.5	40.0	5.27	65.0	17.8	5.37
	80	59.1	59.1	4.43	63.8	50.9	4.57	67.4	33.2	4.65	57.1	57.1	5.13	61.5	50.4	5.29	65.0	32.9	5.39
	85	61.4	61.4	4.44	64.7	60.9	4.58	67.2	46.0	4.66	59.2	59.2	5.14	62.4	60.3	5.30	64.8	45.6	5.40
	90	63.4	63.4	4.45	65.4	65.4	4.59	66.8	56.3	4.68	61.2	61.2	5.16	63.1	63.1	5.32	64.5	55.8	5.42
2400	75	57.2	56.9	4.44	63.2	42.8	4.58	68.0	19.0	4.66	55.2	55.2	5.14	61.0	42.4	5.30	65.6	18.9	5.40
	80	59.7	59.7	4.45	64.4	53.9	4.59	68.0	35.2	4.67	57.6	57.6	5.15	62.1	53.4	5.32	65.6	34.8	5.42
	85	61.9	61.9	4.46	65.3	64.5	4.60	67.8	48.8	4.69	59.7	59.7	5.17	63.0	63.0	5.33	65.4	48.3	5.43
	90	64.0	64.0	4.48	66.0	66.0	4.62	67.4	59.7	4.70	61.7	61.7	5.19	63.7	63.7	5.35	65.0	59.1	5.45

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1600	75	47.4	39.8	5.32	52.4	29.9	5.48	56.4	13.3	5.58	44.4	38.2	5.90	49.1	28.8	6.08	52.8	12.8	6.19	40.9	36.9	6.53	45.2	27.8	6.73	48.6	12.4	6.86
	80	49.5	45.6	5.33	53.4	37.7	5.50	56.4	24.6	5.60	46.4	43.8	5.91	50.0	36.2	6.10	52.8	23.6	6.21	42.6	42.3	6.55	46.0	35.0	6.76	48.6	22.8	6.88
	85	51.4	50.0	5.35	54.2	45.2	5.52	56.3	34.1	5.62	48.1	48.0	5.93	50.7	43.4	6.12	52.7	32.8	6.23	44.3	44.3	6.57	46.7	41.9	6.78	48.5	31.6	6.90
	90	53.0	52.8	5.36	54.7	50.4	5.53	55.9	41.7	5.63	49.7	49.7	5.95	51.3	48.4	6.14	52.4	40.1	6.25	45.7	45.7	6.59	47.2	46.7	6.80	48.2	38.7	6.92
1800	75	49.4	43.9	5.36	54.6	33.0	5.53	58.7	14.7	5.63	46.3	42.1	5.95	51.2	31.7	6.14	55.0	14.1	6.25	42.6	40.7	6.59	47.1	30.6	6.79	50.6	13.6	6.92
	80	51.6	50.3	5.38	55.6	41.6	5.55	58.8	27.1	5.65	48.3	48.3	5.97	52.1	39.9	6.16	55.0	26.1	6.27	44.4	44.4	6.61	47.9	38.6	6.82	50.6	25.2	6.94
	85	53.5	53.5	5.39	56.4	49.8	5.56	58.6	37.6	5.67	50.1	50.1	5.98	52.8	47.8	6.17	54.9	36.1	6.29	46.1	46.1	6.63	48.6	46.1	6.84	50.5	34.9	6.96
	90	55.3	55.3	5.41	57.0	55.5	5.58	58.2	46.0	5.68	51.8	51.8	6.00	53.4	53.3	6.19	54.6	44.2	6.31	47.6	47.6	6.65	49.1	49.1	6.86	50.2	42.7	6.98
2000	75	50.9	47.8	5.42	56.3	35.9	5.59	60.5	16.0	5.69	47.7	45.9	6.01	52.7	34.5	6.20	56.7	15.4	6.32	43.9	43.9	6.66	48.5	33.3	6.87	52.1	14.8	6.99
	80	53.1	53.1	5.44	57.3	45.3	5.61	60.5	29.5	5.71	49.7	49.7	6.03	53.7	43.5	6.22	56.7	28.4	6.34	45.8	45.8	6.68	49.4	42.0	6.89	52.2	27.4	7.02
	85	55.1	55.1	5.45	58.1	54.2	5.62	60.4	40.9	5.73	51.6	51.6	6.05	54.4	52.0	6.24	56.5	39.3	6.35	47.5	47.5	6.70	50.1	50.1	6.91	52.0	37.9	7.04
	90	56.9	56.9	5.47	58.7	58.7	5.64	60.0	50.1	5.75	53.3	53.3	6.07	55.0	55.0	6.26	56.2	48.1	6.37	49.1	49.1	6.72	50.6	50.6	6.93	51.7	46.4	7.06
2200	75	51.9	51.1	5.45	57.4	38.4	5.62	61.7	17.1	5.73	48.6	48.6	6.05	53.7	36.9	6.24	57.7	16.4	6.35	44.7	44.7	6.69	49.4	35.6	6.91	53.1	15.9	7.03
	80	54.1	54.1	5.47	58.4	48.4	5.64	61.7	31.6	5.74	50.7	50.7	6.06	54.7	46.5	6.26	57.8	30.3	6.37	46.6	46.6	6.71	50.3	44.9	6.93	53.1	29.3	7.05
	85	56.2	56.2	5.48	59.2	58.0	5.66	61.5	43.8	5.76	52.6	52.6	6.08	55.5	55.5	6.27	57.6	42.1	6.39	48.4	48.4	6.73	51.0	51.0	6.95	53.0	40.6	7.08
	90	58.0	58.0	5.50	59.9	59.9	5.67	61.1	53.6	5.78	54.3	54.3	6.10	56.1	56.1	6.29	57.3	51.5	6.41	50.0	50.0	6.75	51.6	51.6	6.97	52.7	49.7	7.10
2400	75	52.3	52.3	5.48	57.9	40.7	5.65	62.2	18.1	5.76	49.0	49.0	6.08	54.2	39.1	6.27	58.3	17.4	6.39	45.1	45.1	6.73	49.9	37.7	6.94	53.6	16.8	7.07
	80	54.6	54.6	5.50	58.9	51.3	5.67	62.2	33.5	5.77	51.1	51.1	6.10	55.2	49.3	6.29	58.3	32.1	6.41	47.1	47.1	6.75	50.8	47.6	6.97	53.6	31.0	7.09
	85	56.7	56.7	5.51	59.8	59.8	5.69	62.1	46.4	5.79	53.1	53.1	6.12	56.0	56.0	6.31	58.1	44.5	6.42	48.8	48.8	6.77	51.5	51.5	6.99	53.5	43.0	7.11
	90	58.5	58.5	5.53	60.4	60.4	5.70	61.7	56.8	5.81	54.8	54.8	6.13	56.6	56.6	6.33	57.8	54.5	6.44	50.4	50.4	6.79	52.0	52.0	7.01	53.2	52.6	7.14

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Heating Capacity LK-H0602H00 (English)

Indoor		Outdoor WB (°F)															
		14.0		23.0		32		35.6		39.2		42.8		50		59.0	
AFR(CFM)	DB(°F)	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
1600	60.8	37.9	4.5	44.6	4.9	51.6	5.3	54.2	5.5	56.8	5.6	60.1	5.7	65.0	6.0	71.8	6.5
	64.4	36.7	4.6	43.2	5.0	50.0	5.5	52.5	5.7	55.0	5.8	58.2	5.9	62.9	6.2	69.5	6.7
	68	35.6	4.8	41.9	5.2	48.5	5.7	51.0	5.8	53.4	6.0	56.1	6.1	61.1	6.5	67.4	6.9
	71.6	34.3	4.9	40.4	5.4	46.8	5.9	49.1	6.0	51.5	6.2	54.4	6.3	58.9	6.7	65.0	7.1
	75.2	33.1	5.1	39.0	5.5	45.2	6.0	47.4	6.2	49.7	6.4	52.5	6.5	56.8	6.9	62.7	7.3
2000	60.8	38.5	4.1	45.4	4.5	52.5	4.9	55.1	5.0	57.8	5.2	61.0	5.2	66.1	5.5	72.9	5.9
	64.4	37.3	4.2	43.9	4.6	50.8	5.0	53.4	5.2	55.9	5.3	59.1	5.4	64.0	5.7	70.6	6.1
	68	36.2	4.4	42.6	4.8	49.3	5.2	51.8	5.3	54.3	5.5	57.0	5.6	62.1	5.9	68.5	6.3
	71.6	34.9	4.5	41.1	4.9	47.5	5.4	49.9	5.5	52.3	5.7	55.3	5.8	59.8	6.1	66.0	6.5
	75.2	33.7	4.6	39.7	5.1	45.9	5.5	48.2	5.7	50.5	5.9	53.4	6.0	57.8	6.3	63.8	6.7
2400	60.8	39.3	3.9	46.3	4.3	53.5	4.6	56.2	4.8	58.9	4.9	62.3	5.0	67.4	5.3	74.4	5.6
	64.4	38.0	4.0	44.8	4.4	51.8	4.8	54.5	4.9	57.1	5.1	60.3	5.2	65.3	5.5	72.0	5.8
	68	36.9	4.2	43.5	4.5	50.3	5.0	52.8	5.1	55.4	5.3	58.2	5.3	63.3	5.6	69.9	6.0
	71.6	35.6	4.3	41.9	4.7	48.5	5.1	50.9	5.3	53.4	5.4	56.4	5.5	61.0	5.8	67.4	6.2
	75.2	34.4	4.4	40.5	4.8	46.8	5.3	49.2	5.4	51.5	5.6	54.5	5.7	58.9	6.0	65.1	6.4

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted.
2. Capacities are based on the following conditions.
   Outdoor air : 85%RH. However, the condition on nominal capacity is 44.6°F DB/42.8°F WB.
3. TC=Total heating capacity(1,000 Btu/h)
4. PI=Power Input(Comp.+indoor fan motor+outdoor fan motor) (kW)
5.AFR = Air flow rate(CFM)

Correction Factor for Heating Capacity due to Frost on Heat Exchanger and Defrosting Operation.

The heating capacity in the "Heating Capacity Table" above indicates the actual heating capacity excluding the effect of frost on the heat exchanger and the defrosting operation. Therefore, use the following factor to calculate the average heating capacity including capacity reduction by frost on the exchanger and defrosting operation.

Outdoor Air Temperature (°FWB, RH=85%)	14	21.2	24.8	28.4	32	35.6	39.2	42.8
Correction Factor	0.95	0.95	0.89	0.87	0.87	0.89	0.91	1.00

Evaporator Fan Performance Data LK-0329A(C)H (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
425	17.55	0.28	15.19	0.25	8.38	0.28
472	14.79	0.29	12.39	0.27	4.52	0.30
519	12.02	0.31	9.58	0.28	0.66	0.33
566	9.26	0.33	6.77	0.30	-	-
614	6.49	0.34	3.96	0.31	-	-
661	3.73	0.37	1.15	0.33	-	-
708	0.96	0.38	-	-	-	-

- Fan motor heat (kW) = 2 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0329A(C)H (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
900	0.69	0.37	0.60	0.34	0.33	0.37
1,000	0.58	0.39	0.49	0.36	0.18	0.40
1,100	0.47	0.42	0.38	0.38	0.03	0.44
1,200	0.36	0.44	0.27	0.40	-	-
1,300	0.26	0.46	0.16	0.42	-	-
1,400	0.15	0.49	0.05	0.44	-	-
1,500	0.14	0.51	-	-	-	-

- Fan motor heat (MBH)= 5.09 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0362HA0 (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
453.1	-	-	29.72	0.12	19.32	0.19
481.4	-	-	26.78	0.15	14.37	0.22
509.7	-	-	23.48	0.18	8.79	0.24
538.0	-	-	19.78	0.20	2.56	0.26
566.3	21.86	0.26	15.68	0.23	-	-
594.7	19.84	0.28	11.15	0.26	-	-
623.0	17.63	0.31	6.16	0.29	-	-
651.3	15.21	0.33	0.70	0.32	-	-

- Fan motor heat (kW) = 1.85 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0362HA0 (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
960	-	-	1.17	0.16	0.76	0.26
1020	-	-	1.05	0.20	0.57	0.29
1080	-	-	0.92	0.24	0.35	0.32
1140	-	-	0.78	0.27	0.10	0.35
1200	0.86	0.35	0.62	0.31	-	-
1260	0.78	0.38	0.44	0.35	-	-
1320	0.69	0.41	0.24	0.39	-	-
1380	0.60	0.44	0.03	0.43	-	-

- Fan motor heat (MBH)= 4.71 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0482HA0/LK-C048BHA1 (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
604.0	12.90	0.27	8.72	0.21	4.93	0.19
641.8	12.08	0.28	7.24	0.22	2.61	0.21
679.5	11.17	0.29	5.57	0.24	-	-
717.3	10.15	0.30	3.71	0.25	-	-
755.0	9.02	0.31	1.65	0.26	-	-
792.8	7.76	0.31	-	-	-	-
830.5	6.39	0.32	-	-	-	-

• Fan motor heat (kW) = 1.85 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0482HA0/LK-C048BHA1 (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1280	0.51	0.36	0.34	0.28	0.19	0.26
1360	0.48	0.38	0.28	0.30	0.10	0.28
1440	0.44	0.39	0.22	0.32	-	-
1520	0.40	0.40	0.15	0.33	-	-
1600	0.36	0.41	0.06	0.35	-	-
1680	0.31	0.42	-	-	-	-
1760	0.25	0.43	-	-	-	-

• Fan motor heat (MBH)= 4.71 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0429A(C)H/LK-0480A(C)H/LK-C048BHA0 (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
614	21.66	0.26	18.5	0.23	3.71	0.24
684	18.22	0.28	14.6	0.25	-	-
755	14.77	0.30	9.34	0.28	-	-
826	11.18	0.32	2.60	0.32	-	-
897	7.35	0.35	-	-	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0429A(C)H/LK-04B0A(C)H/LK-C048BHA0 (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1300	0.85	0.35	0.73	0.31	0.15	0.33
1450	0.72	0.38	0.57	0.33	-	-
1600	0.58	0.40	0.37	0.38	-	-
1750	0.44	0.43	0.10	0.43	-	-
1900	0.29	0.47	-	-	-	-

• Fan motor heat (MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-05B0CC (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
802	14.22	0.48	12.95	0.39	10.41	0.38
849	12.45	0.49	10.92	0.41	5.08	0.42
897	10.67	0.51	8.89	0.43	-	-
944	8.89	0.52	6.60	0.44	-	-
991	7.11	0.54	4.57	0.46	-	-
1038	5.33	0.55	2.29	0.48	-	-
1085	3.30	0.57	0.25	0.49	-	-
1133	1.52	0.58	-	-	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-05B0CC (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1,700	0.56	0.64	0.51	0.52	0.41	0.51
1,800	0.49	0.66	0.43	0.55	0.20	0.56
1,900	0.42	0.68	0.35	0.57	–	–
2,000	0.35	0.70	0.26	0.59	–	–
2,100	0.28	0.72	0.18	0.61	–	–
2,200	0.21	0.74	0.09	0.64	–	–
2,300	0.13	0.76	0.01	0.66	–	–
2,400	0.06	0.78	–	–	–	–

• Fan motor heat (MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0529A(C)H (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
802	12.4	0.32	5.02	0.31	-	-
849	9.93	0.33	-0.01	0.34	-	-
897	7.35	0.35	-	-	-	-
944	4.62	0.37	-	-	-	-
991	1.73	0.39	-	-	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0529A(C)H (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1700	0.49	0.42	0.2	0.41	-	-
1800	0.39	0.45	0	0.45	-	-
1900	0.29	0.47	-	-	-	-
2000	0.18	0.49	-	-	-	-
2100	0.07	0.52	-	-	-	-

• Fan motor heat (MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0602HA0/LK-C060BHA0/LK-H0602H00 (SI)

l/s	High Speed		Mid Speed		Low Speed	
	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW	ESP(mmAq.)	BkW
755.1	21.86	0.37	18.36	0.36	13.84	0.35
802.3	19.27	0.40	15.27	0.39	10.14	0.37
849.5	16.36	0.43	11.78	0.41	5.99	0.40
896.7	13.11	0.45	7.89	0.44	1.35	0.42
943.9	9.49	0.48	3.57	0.47	-	-
991.0	5.49	0.50	-	-	-	-
1038.2	1.10	0.53	-	-	-	-

• Fan motor heat (kW) = 1.85 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-C0602HA0/LK-C060BHA0/LK-H0602H00 (English)

CFM	High Speed		Mid Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1600	0.86	0.50	0.72	0.48	0.54	0.47
1700	0.76	0.54	0.60	0.52	0.40	0.50
1800	0.64	0.57	0.46	0.56	0.24	0.54
1900	0.52	0.61	0.31	0.59	0.05	0.57
2000	0.37	0.64	0.14	0.63	-	-
2100	0.22	0.68	-	-	-	-
2200	0.04	0.71	-	-	-	-

• Fan motor heat (MBH)= 4.71 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

10. Electrical data

Electrical Data Unit Wiring

Tons	Model No.	Unit Operating Voltage Range(V)	Standard indoor fan motor		
			*M.C.A.	*M.F.S.	*M.C.B
3	LK-C0362HA0	198~242	26.5	40.0	40.0
	LK-0329A(C)H	198~242	29.0	40.0	40.0
4	LK-C0482HA0	198~242	31.3	50.0	50.0
	LK-C048BHA1	198~242	21.2	40.0	40.0
	LK-0429A(C)H	198~242	31.0	50.0	50.0
	LK-04B0A(C)H LK-C048BHA0	198~242	26.2	30.0	30.0
5	LK-0529A(C)H	198~242	48.0	60.0	60.0
	LK-05B0CC	187~253	29.3	40.0	40.0
	LK-C0602HA0	198~242	38.7	60.0	60.0
	LK-C060BHA0	187~253	26.2	40.0	40.0
	LK-H0602H00	187~253	39.9	60.0	60.0

Note: *M.C.A.: Minimum Circuit Ampacity(A)
*M.F.S.: Maximum Fuse Size(A)
*M.C.B.: Maximum Circuit Breaker(A)
* : The values depend on the model.

Electrical Data Unit Wiring with Electric Heating

Model No.	Heater Model No.	Heater Capacity(kW)	Power supply	Standard indoor fan motor		
				*M.C.A.	*M.F.S.	*M.C.B
LK-0329A(C)H	LKAEH0521	5	220V / 60Hz / 1Ø	28.5	40.0	40.0
	LKAEH1021	10		54.6	60.0	60.0
	LKAEH1521	15		80.6	90.0	90.0
LK-C0362HA0	LKAEH0521	5	220V / 60Hz / 1Ø	28.5	40.0	40.0
	LKAEH1021	10		54.6	60.0	60.0
LK-0429A(C)H	LKAEH0521	5	220V / 60Hz / 1Ø	29.0	40.0	40.0
	LKAEH1021	10		55.1	60.0	60.0
	LKAEH1521	15		81.1	90.0	90.0
LK-C0482HA0	LKAEH0521	5	220V / 60Hz / 1Ø	29.0	40.0	40.0
	LKAEH1021	10		55.1	60.0	60.0
LK-0529A(C)H	LKAEH0521	5	220V / 60Hz / 1Ø	29.1	40.0	40.0
	LKAEH1021	10		55.2	60.0	60.0
	LKAEH1521	15		81.2	90.0	90.0
LK-04B0A(C)H LK-C048BHA0 LK-05B0CC	LKAEH05B	5	220V / 60Hz / 3Ø	24.5	30.0	30.0
	LKAEH09B1	9		36.3	40.0	40.0
LK-C0602HA0 LK-H0602H00	LKAEH0521	5	220V / 60Hz / 1Ø	29.1	40.0	40.0
	LKAEH1021	10		55.2	60.0	60.0
LK-C048BHA1 LK-C060BHA0	LKAEH05B	5	220V / 60Hz / 3Ø	24.5	30.0	30.0
	LKAEH09B1	9		36.3	40.0	40.0

Note: ❶ The heater Capacity shown above is at 240(V).
❷ Voltage range is 208~240(V).

*M.C.A.: Minimum Circuit Ampacity(A)
*M.F.S.: Maximum Fuse Size(A)
*M.C.B.: Maximum Circuit Breaker(A)
* : The values depend on the model.

Electrical Characteristics --- Evaporator Fan Motor --- 60 Hz

Model No.	Standard indoor fan motor					
	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-C0362HA0	1	220	1	0.40	2.5	-
LK-0329A(C)H	1	220	1	0.30	2.5	-
LK-0429A(C)H	1	220	1	0.50	4.4	9.2
LK-04B0A(C)H LK-C048BHA0	1	220	1	0.50	4.4	9.2
LK-C0482HA0	1	220	1	0.50	3.4	9.2
LK-C048BHA1	1	220	1	0.50	3.4	9.2
LK-05B0CC	1	220	1	0.75	5.9	12.3
LK-0529A(C)H	1	220	1	0.75	6.2	12.3
LK-C0602HA0 LK-H0602H00	1	220	1	0.50	3.4	9.2
LK-C060BHA0	1	220	1	0.50	3.4	9.2

Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

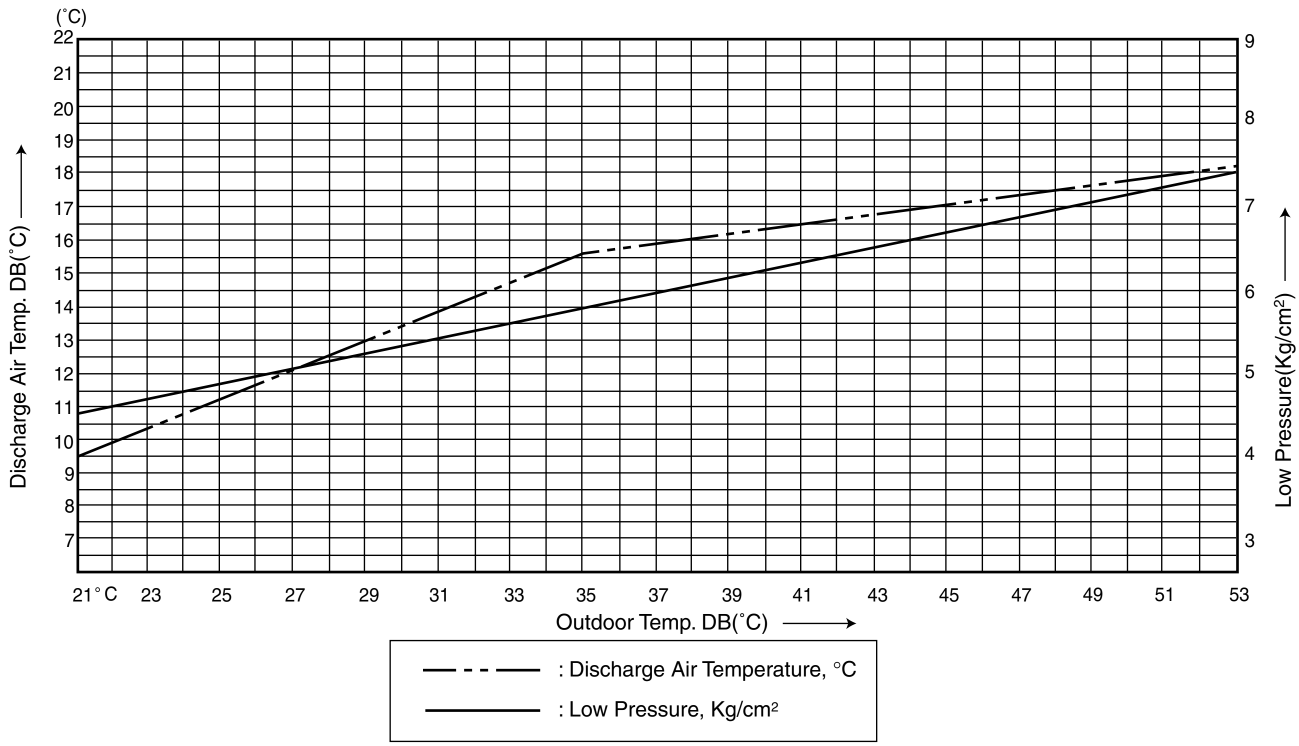
Electrical Characteristics --- Compressor and Outdoor Fan Motor --- 60 Hz

Model No.	COMPRESSOR						OUTDOOR FAN MOTOR					
	No.	Voltage(V)	Phase	HP	FLA	LRA	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-C0362HA0	1	208~230	1	3.0	14.0	74	1	220	1	0.35	2.0	14
LK-0329A(C)H	1	208~230	1	3.0	14.0	74	1	220	1	0.35	5.5	14
LK-0429A(C)H	1	208~230	1	4.0	17.1	102	1	220	1	0.35	5.5	14
LK-04B0A(C)H	1	208~230	1	4.0	12.6	90	1	220	1	0.35	5.5	14
LK-C0482HA0	1	208~230	1	4.0	17.1	102	1	220	1	0.35	2.0	14
LK-C048BHA1	1	208~230	3	4.0	12.0	72	1	220	1	0.35	2.0	14
LK-C048BHA0	1	208~230	1	4.5	28.0	169	2	220	1	0.15	0.9	14
LK-05B0CC LK-0529CH	1	208~230	1	5.0	24.0	179	1	220	1	0.35	5.5	14
LK-0529AH	1	208~230	3	5.0	17.0	160	1	220	1	0.35	5.5	14
LK-C0602HA0	1	208~231	1	5.0	24.0	159	1	220	1	0.35	2.0	14
LK-C060BHA0	1	208~232	3	5.0	16.0	120	1	220	1	0.35	2.0	14
LK-H0602H00	1	208~233	1	5.0	24.0	179	1	220	1	0.35	2.0	14

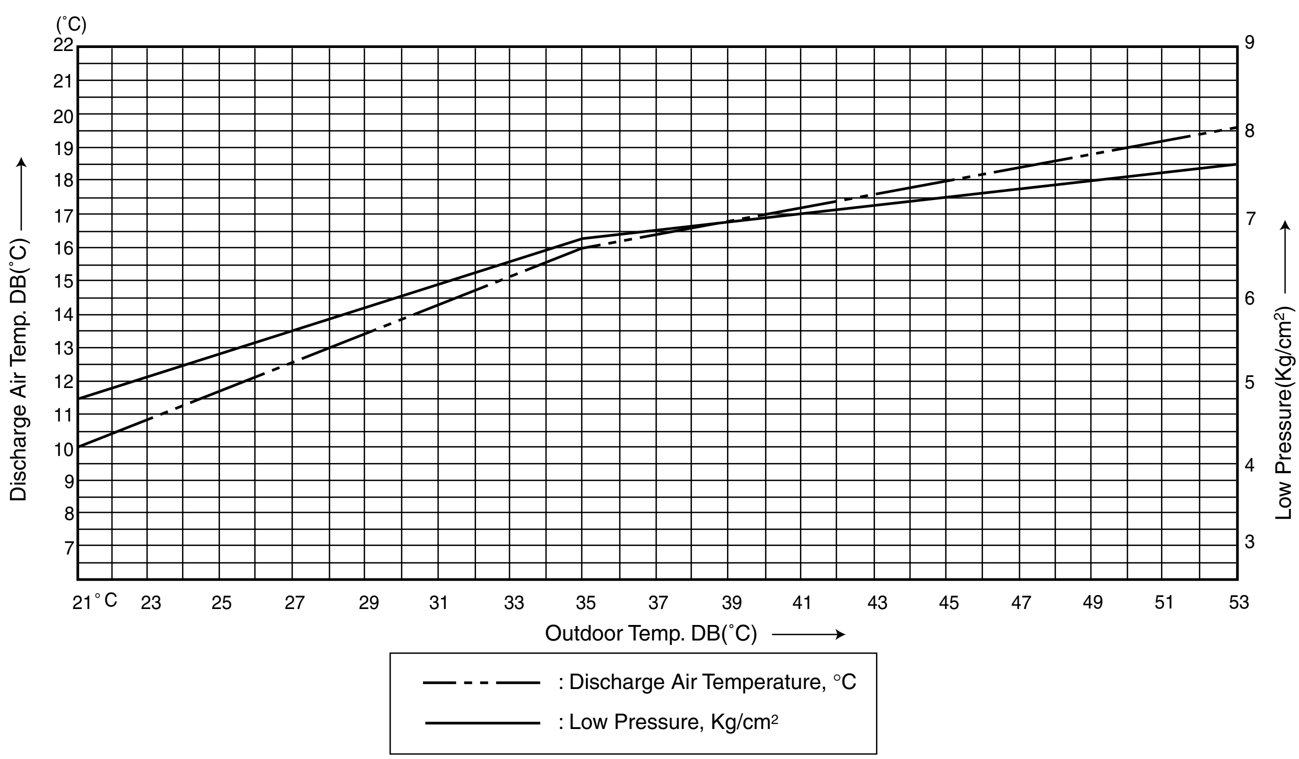
Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

11. Temperature, Pressure chart

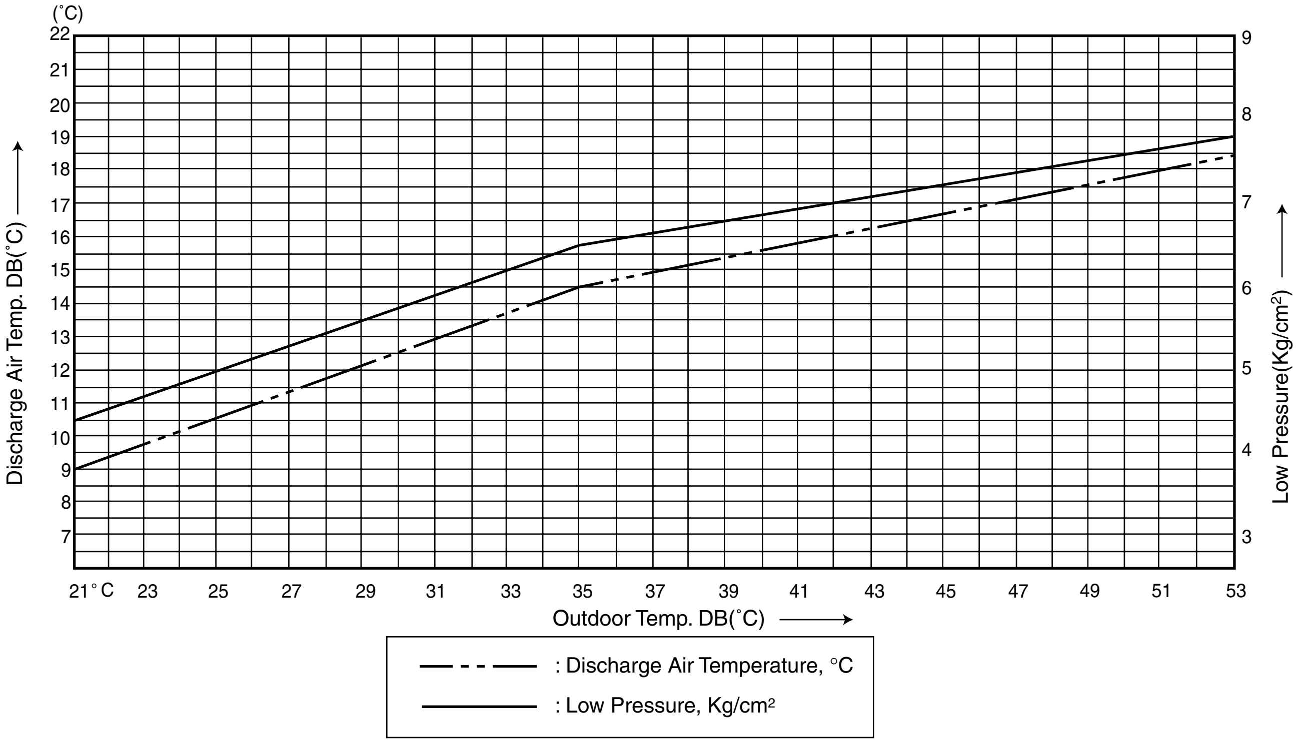
Model No.: LK-0329A(C)H/LK-C0362HA0



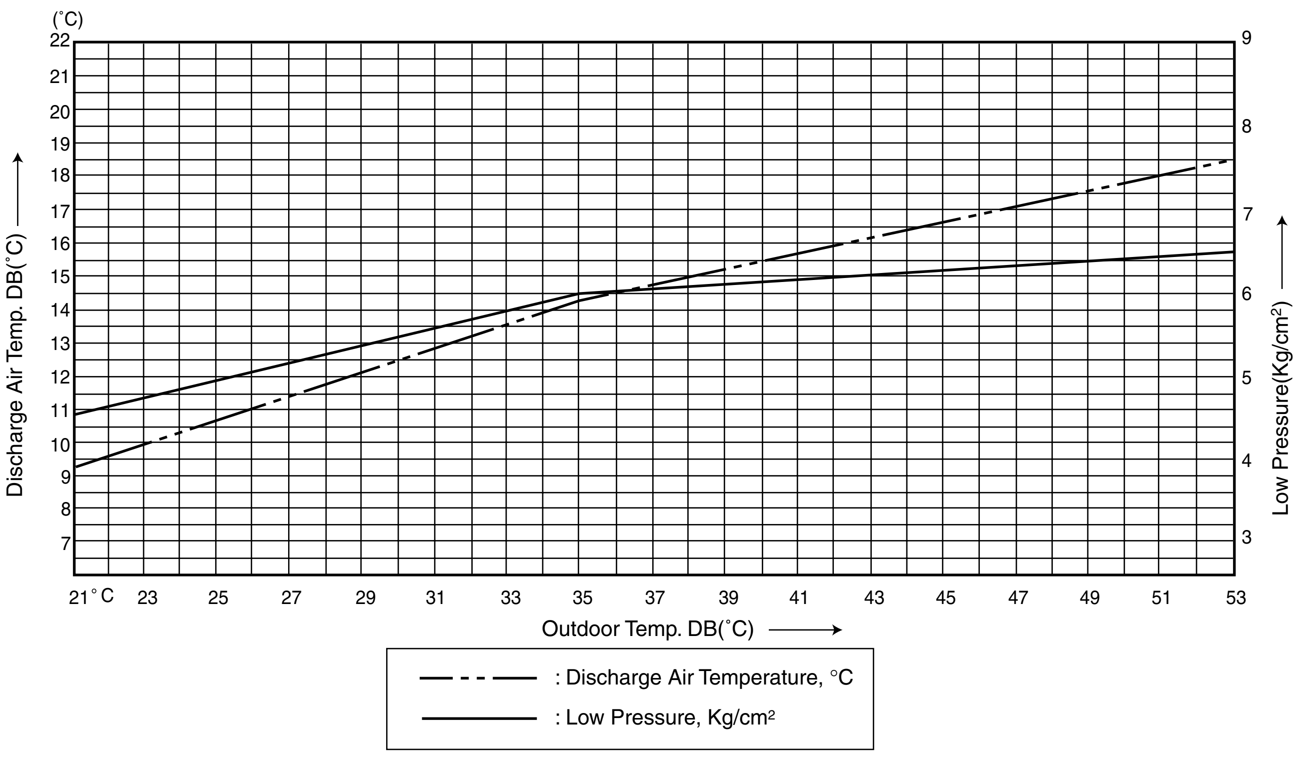
Model No.: LK-0429A(C)H/LK-C048BHA0/LK-C0482HA0



Model No.: LK-0529A(C)H/LK-H0602H00/LK-C0602HA0/LK-C060BHA0

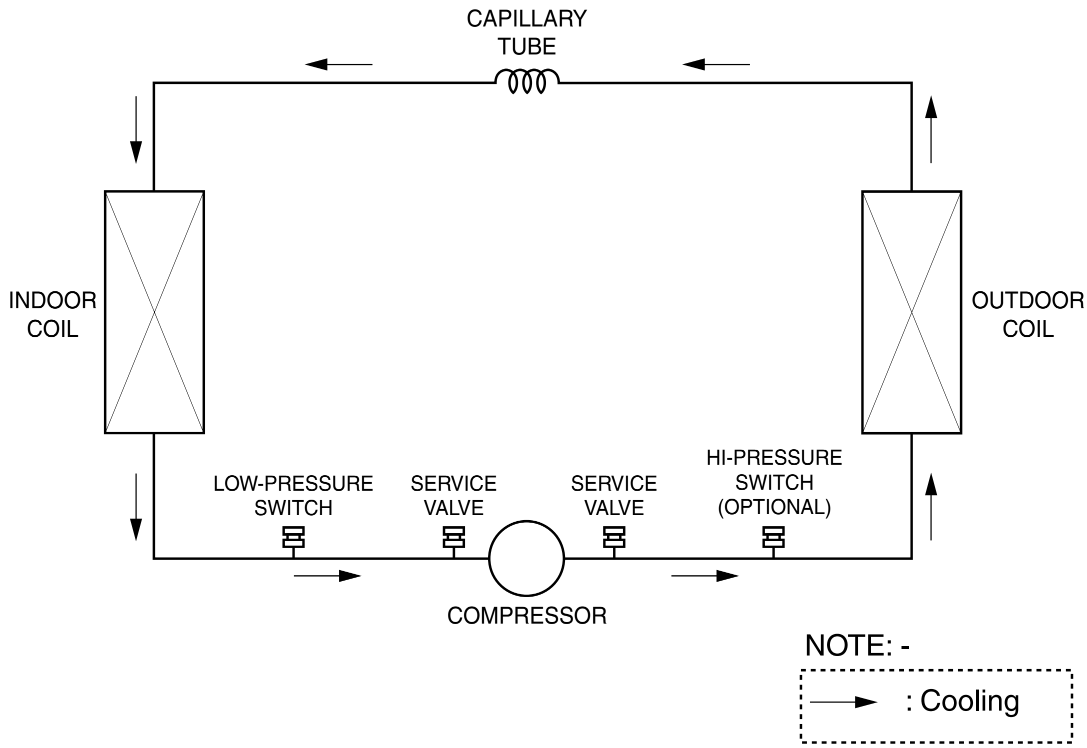


Model No.: LK-05B0CC

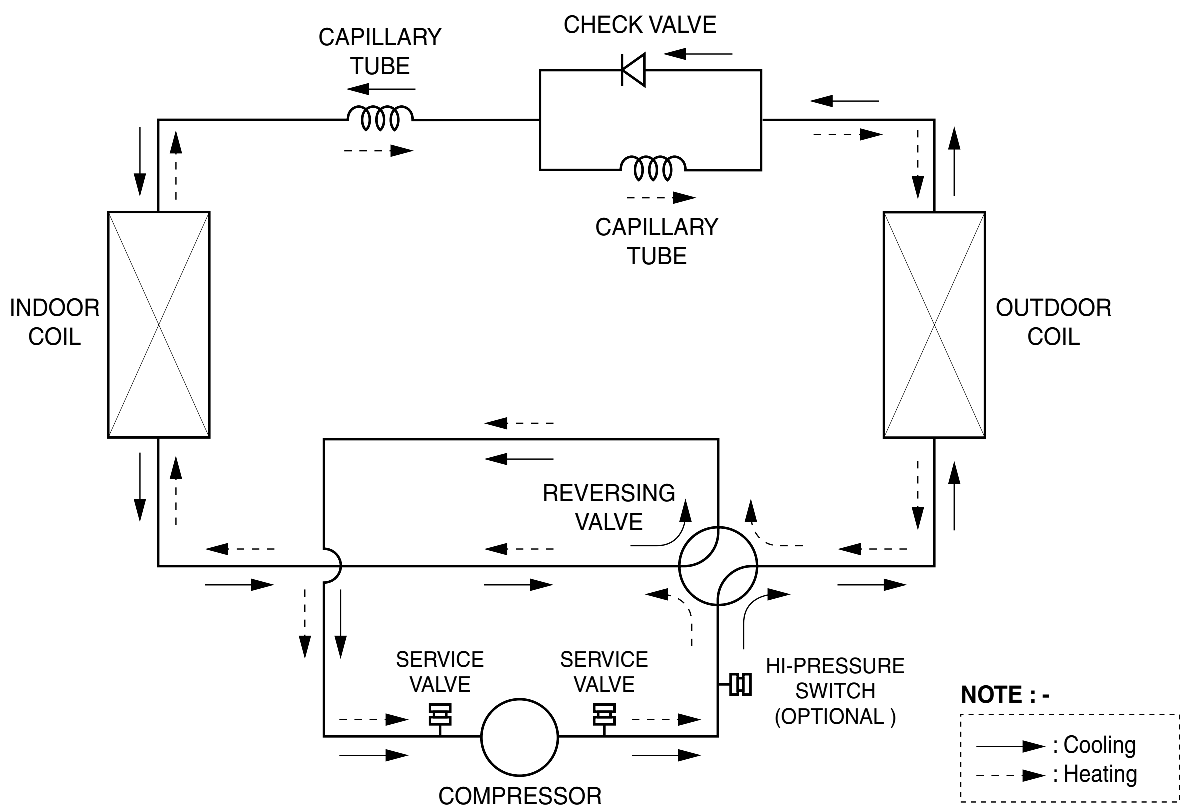


12. Piping diagrams

Model No.: LK-C036(048/060)2HA0/LK-C048HA0(1)/LK-C060BHA0/ LK-03(04/05)29A(C)H/LK-04B0A(C)H/LK-05B0CC

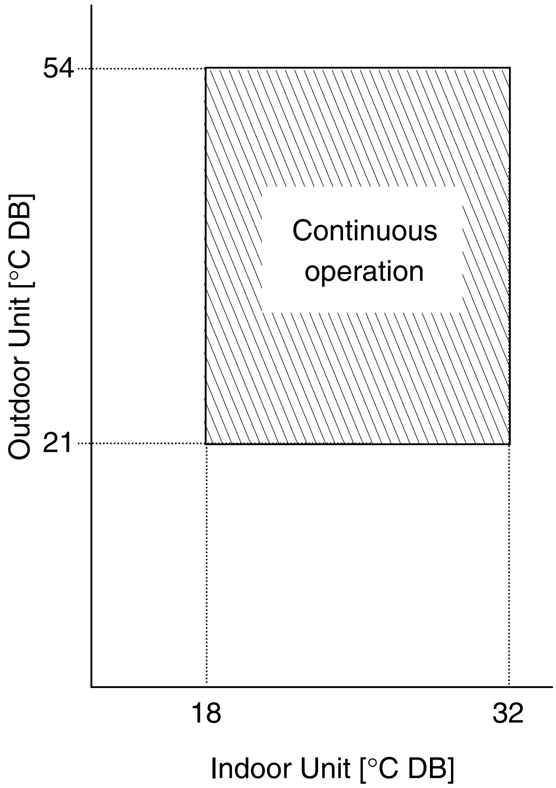


Model No.: LK-H0602H00



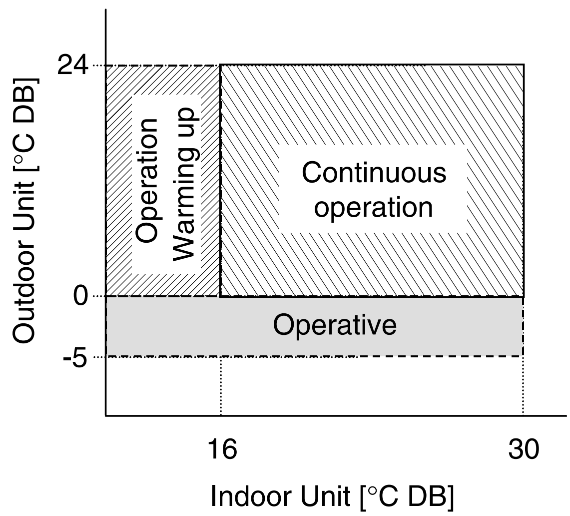
13. Operation range

Cooling



- Although low ambient kit is installed, in case outdoor temperature goes below 0°C, the cooling capacity can be dropped and operation characteristics can be slightly different.

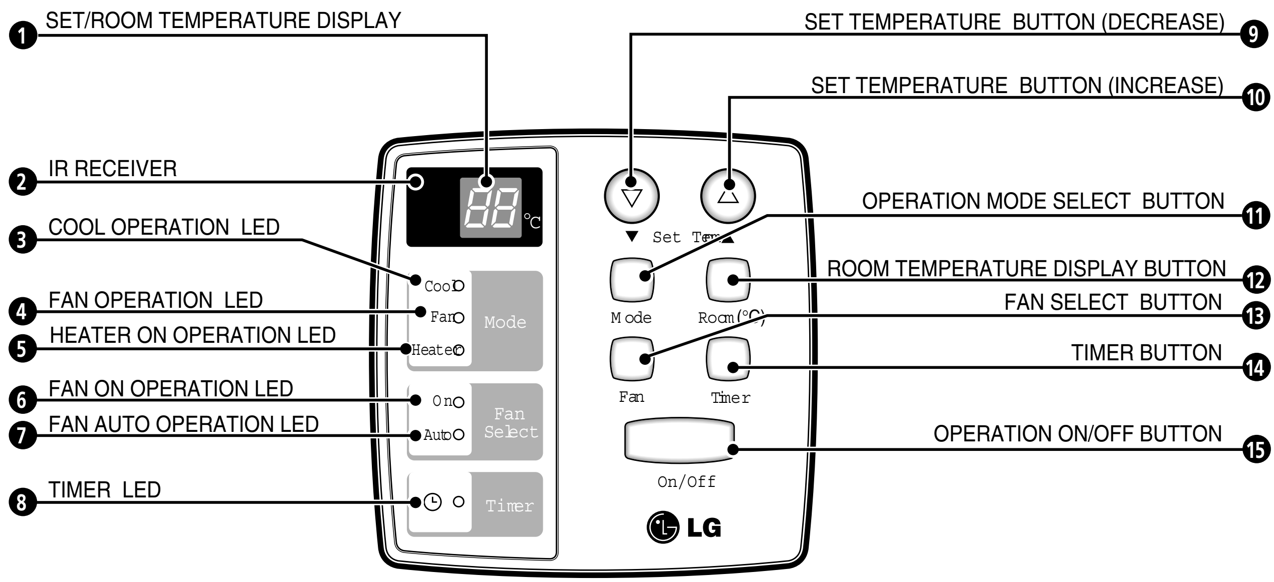
Heating



Operative: Intermittent operation according to operation condition (indoor/outdoor temperature, humidity, and load) the heating capacity can be drop

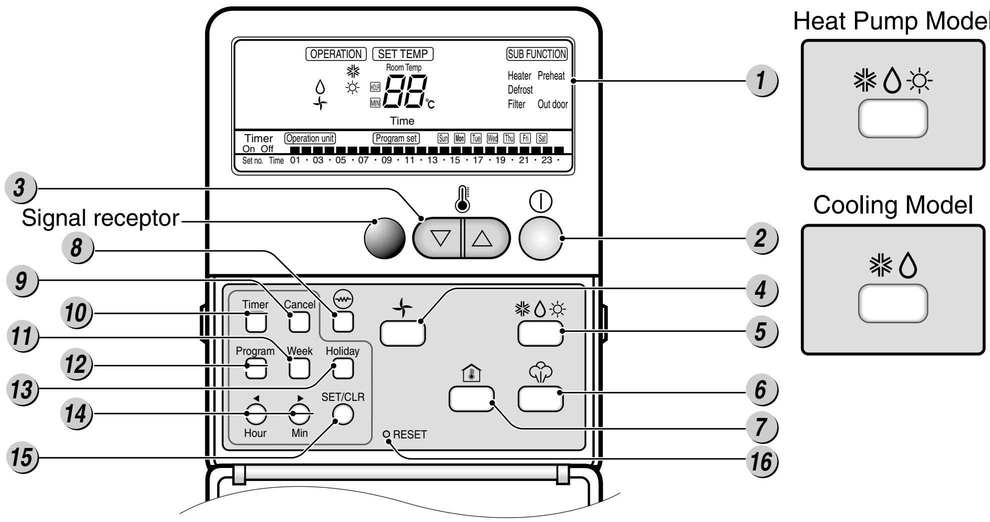
14. Controller

1) Electronic Thermostat - Mechanical control Model (Accessory)



1. **Displays the set temperature or room temperature**
2. **Receives signal from wireless remote controller**
3. **Display for cool operation state**
4. **Display for fan operation state**
5. **Display for heater operation state**
6. **Display for fan operation "On" state**
7. **Display for fan operation in "Auto" state**
8. **Display for timer select state**
9. **Decrease the set temperature**
10. **Increase the set temperature**
11. **Select operation mode - cool/fan/heater**
12. **Display for room temperature**
13. **Select fan operation**
14. **Set the timer operation**
15. **Press the operation button once to start the operation Press again to stop the operation**

2) LCD Wired Remote Controller



1 **Operation display**
Displays the operation conditions.

2 **On/Off Button**
Operation starts when this button is pressed, and stops when the button is pressed again.

3 **Set Temperature Button**
Used to set the required temperature.

4 **FAN Operation Button**
Used to circulate room air without cooling or heating.

5 **Operation Mode Selection Button**
Used to select the operation mode.
- Cooling Operation Mode
- Soft Dry Operation Mode
- Heating Operation Mode(except cooling model)

6 **Humidify Button**

7 **Room Temperature Checking Button**
Used to check the room temperature.

8 **Heater Button**

9 **Timer Cancel Button**
Used to cancel the timer.

10 **Timer Set Button**
Used to set the on/off timer.

11 **Week Button**
Used to set the day of the week.

12 **Program Button**
Used to set the weekly timer.

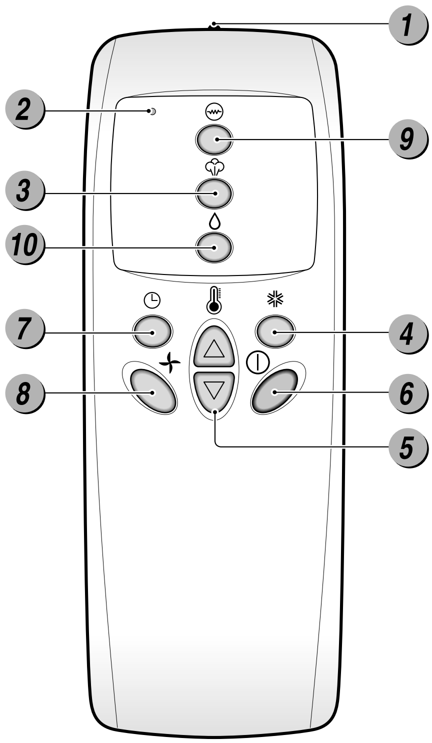
13 **Holiday Button**
Used to set the holiday of the week.

14 **Time Set Button**
Used to set the time of the day and change the time in the weekly timer Function.

15 **Set and Clear Button**
Used to set and clear the weekly timer.

16 **Reset Button**
Used to set the current time and clear the setting time.

3) Wireless Remote Controller (Accessory)



(Cooling Model)

① **Signal Transmitter**
- Transmits the signals to the air conditioner

② **Operation Display of the Remote Control**
- LED displays operation status(on or off) of air conditioner.

③ **Humidify Button**

④ **Cooling ON Button**

⑤ **Temperature Setting Buttons**

⑥ **Power ON/OFF Button**
- Operation will start when this button is pressed, and stops when the button is pressed again.

⑦ **Timer Set Button**
- Subsequent pressing of the button, changes the set time in the incremental order from 1 hr to 7 hr. If you select "0:000" the off timer function will be considered.

⑧ **Indoor Fan Operation Button**

⑨ **Electric Heater ON/OFF Button(Optional)**

⑩ **Soft Dry Operation Button**

15. Mechanical specifications

General

Factory assembled fully self contained, single piece design to operate up to 129°F in cooling with optional electric heater.

Unit shall be rated in accordance with ARI standard testing procedure, fully charged with R-22. Units shall be fully factory tested before shipment.

Casing

Unit casing shall be constructed of heavy gauge zinc coated, galvanized steel. The cabinet shall be exterior painted and weather resistance. The cabinet shall be designed to allow maintenance from one side only.

Unit shall have a water and air tight service panels with minimum number of screws per panel for easy servicing.

Filters

This units are shipped without air filter and it is the responsibity of the installer to provide a filter in the return air ductwork.

Compressors

LG single packaged units shall be direct drive hermetic compressor, scroll type with internal built in lubricating mechanism for all moving parts. Motor shall be suction gas cooled with internal temperature and over current sensitive motor over load, for maximum protection. Factory rubber shock mounted and internally spring isolation for sound and vibration control.

Refrigerant Circuits

Each refrigerant circuit shall have independent fixed capillary tube devices and service pressure ports, low pressure switches and refrigerant line filter factory-installed as standard.

Evaporator and Condenser Coils

Shall be aluminum plate fins, mechanically bonded to copper tubes.

Coil shall be factory tested for leakage and pressure.

Outdoor Fans

Statically and dynamically, direct drive outdoor fan in vertical discharge position. Permanently lubricated fan motors with built in thermal overload protection.

Indoor Fan

Direct drive indoor motor for all unit with forward curve centrifugal fans. All motors shall be thermally overload protected.

Controls

All units shall be capable to operate in heating and cooling by mechanical or elector-mechanical thermostat. Time delay PCB shall be provided time delay for compressor reliability.

Accessories

Electric Heaters – Constructed form Nickel Chromium elements. One stages heaters controlled by mechanical or electro-mechanical control. Heater shall have automatic reset high limit controller.

16. Appendix

Unit Conversion

Cooling Capacity

RT	Btu/h	kcal/h	W
1	12,000	3024.2	3516.7

Volume

CMM	CFM	l/s
1	35.3	16.67

Length

m	cm	mm	inch
1	100	1000	39.37

Power

HP	W	kW
1	746	0.746

Temperature

$$C = \frac{5}{9}(F - 32)$$

Where,

C is Temperature in °C

F is Temperature in °F

Part 2 3~5RT (13 SEER)

1. Model line up

1.1 Cooling Only

Nominal Capacity	Model		Power Supply
Ton	SEER	Model Name	Ø, V, Hz
3	13	LK-0321CC	1Ø, 220V, 60Hz
		LK-0325CC	
4		LK-0421CC	
		LK-0425CC	
5		LK-0521CC	
		LK-0525CC	

2. Nomenclature

LK-0423CH

Type of Flow	
C: Convertible	H: Horizontal

Model Type	
C: Cooling Only	A: Cooling Only + Gold Fin

Development Sequence

Electric Standard (Volts / Freq. / Phase)	
2 : 220V / 60Hz / 1ø	B : 220V / 60Hz / 3ø

Cooling / Heating Capacity		
03 : 3 ton	04 : 4 ton	05 : 5 ton

Type of Air Conditioner
LK: LG Single Package Air Conditioner

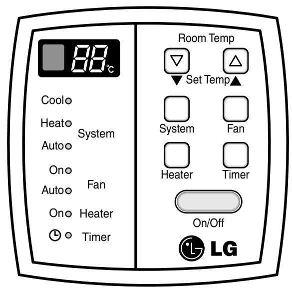
3. Features & Benefits

Cooling & Fan Operation :

- LG Single Package air conditioners can provide cooling & fan operation. In the cooling mode, it cools the air with an operation range of 18~30°C. In the fan operation mode, only indoor fan at the selected speed will run, outdoor fan and compressor will be off.

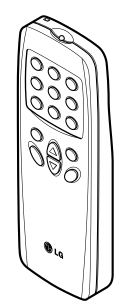
Time Delay Safety Function :

- It delays restarting of the compressor by three minutes thereby preventing damage to the compressor .



Electronic Thermostat :(Accessory)

- It provides on/off timer up to 24 hours. Also self-diagnose the problem.



Wireless Remote Control : (Accessory)

- It provides ease of control.

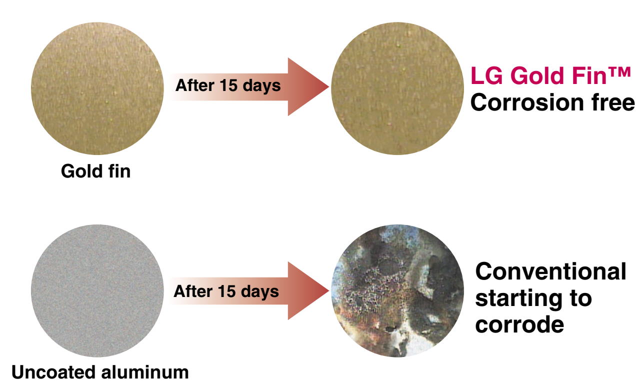
Electric Heater :(Accessory)

- Electric Heater can be used to provide heat in addition to cycle heat. It also provides quick heating. It can also work as a stand alone heater with only fan operation.

Energy Saving Gold Fin :(Optional)

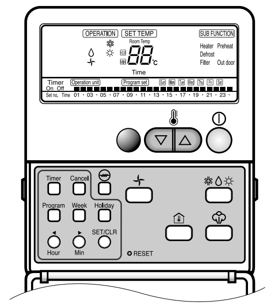
- Single Package Heat Exchanger fins are coated with anticorrosive & hydrophilic layers. It prevents the corrosion of heat exchanger. Fins remains as new even after long time and maintain efficiency. Saves power & maintenance Cost.

[Salt spray test for 15 days]



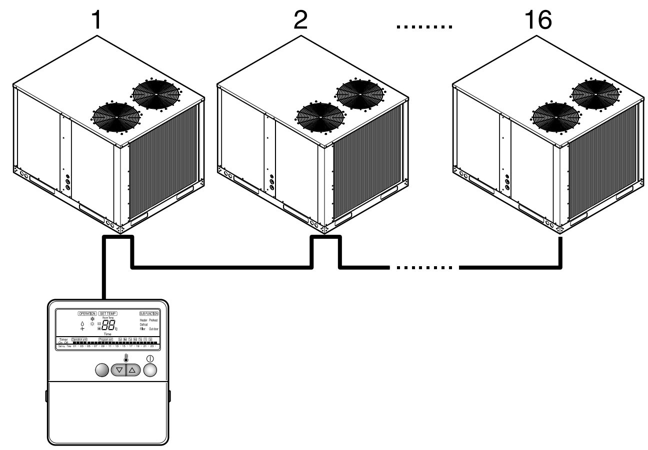
LCD Wired Remote Control:

- It can control all the functions of the unit. You can check/set temperature, change operation mode, set timer, holiday & also diagnose the error of the unit. It also has the option of weekly program.



Group Control:

- It enables to control up to 16 units with the help of one wired Remote Controller. All units will follow same setting of temperature & other sub functions.

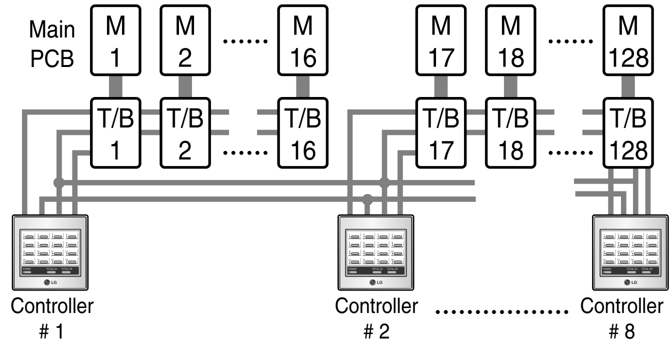


Two Thermistor Control(Return Air Control):(Accessory)

- There may be a significant difference between the return air temperature in the duct and the room temperature. Return air sensing tempeaturee is designed to control temperature more accurately by applying additional thermistor which senses the return air temperature inside the duct specially.
  After selecting the duct thermistor, which is connected to the main PCB, the room temperature measurement by LCD wired remote control thermistor is neglected. It helps to control the room temperature more accurately.(Thermistor is a field-installed accessory)

Central Control :(Accessory)

- It enables to control 16 x 8=128 units with the help of 8 controllers. All units can be put on/off from one Central Room. For setting temperature, fan speed and other sub functions, access the LCD wired remote controller of each unit.



(T/B: Terminal Block)

4. List of functions

Features \ Model No.	LK-0321CC	LK-0325CC
Cooling & Fan Operation	O	O
Time Delay Safety Function	O	O
Electronic Thermostat	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory
Electric Heater	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional

Features \ Model No.	LK-0421CC	LK-0425CC
Cooling & Fan Operation	O	O
Time Delay Safety Function	O	O
Electronic Thermostat	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory
Electric Heater	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional

Features \ Model No.	LK-0521CC	LK-0525CC
Cooling & Fan Operation	o	o
Time Delay Safety Function	o	o
Electronic Thermostat	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory
Electric Heater	Accessory	Accessory
Energy Saving Gold Fin	Optional	Optional

Notes:
- O: Basic
- Optional: Factory-installed
- Accessory: Field-installed

5. Specifications

	Nominal ton	(Ton)	3	3	4
Models			LK-0321CC	LK-0325CC	LK-0421CC
Capacity	Gross Cooling Capacity	Btu/h	39,800	39,800	54,000
		kcal/h(W)	10,029(11,664)	10,029(11,664)	13,608(15,826)
	Net Cooling Capacity	Btu/h	38,000	38,000	52,000
		kcal/h(W)	9,576(11,137)	9,576(11,137)	13,104(15,240)
Electrical Data	Power Supply	V,PH,Hz	220,1, 60	220,1, 60	220,1, 60
	M.C.A(with standard motor)	Amps	26.6	26.6	31.4
	Power Input	W	3,200	3,200	4,300
Performance	Air Circulation	CFM	1,200	1,200	1,500
	SEER	Btu/h W	13	13.0	13.0
	Sound Rating	Bell	7.6	7.6	7.6
Indoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		3R/18FPI	3R/18FPI	3R/18FPI
	Length	inch	21 21/32	23 7/32	21 21/32
		mm	550	590	550
	Face Area	sq.ft	4.21	4.52	5.71
		m^2	0.39	0.42	0.53
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blowe
	No. Used		1EA	1EA	1EA
	Diameter/Width	inch	11 (11)	11 (11)	11 (11)
	Drive Type/Motor Step		Direct/2	Direct/2	Direct/2
	No.motors		1EA	1EA	1EA
	Motor Phase		1 Phase	1 Phase	1 Phase
	Motor output(standard/oversized)	Hp	0.3Hp / N.A	0.3 Hp/ N.A	0.4Hp / N.A
	Motor rpm(Standard/oversized)	rpm	930/N.A	930/N.A	1,030/N.A
Compressor	Type		Scroll	Scroll	Scroll
	Quantity		1	1	1
	Model		SQ032KAA	SQ032KAA	SQ042KAA
	Maker		LG	LG	LG
	Capacity	kcal/h(Btu/h)	8,191(32,500)	8,191(32,500)	10,206(40,500)
	Motor type		PSC	PSC	PSC
	Motor Input	W	2955	2,955	3,750
	Oil Type		SONTEK 200LT	SONTEK 200LT	SONTEK 200LT
	Oil Charge	cc	1100	1,100	1,100
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		2R/18FPI	2R/18FPI	2R/18FPI
	Length	inch	54 11/32	54 11/32	54 11/32
		mm	1380	1,380	1,380
	Face Area	sq.ft	10.56	10.56	14.34
		m^2	0.98	0.98	1.33
Outdoor Fan	Type		Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/18	2EA/18	2EA/18
	Drive Type		Direct	Direct	Direct
	CFM		3300	3,300	3,300
	Motor Phase		1 Phase	1 Phase	1 Phase
	No. Motor/Motor output(Hp)		2/0.15	2/0.15	2/0.15
	Motor RPM		1000	1,000	1,000
Dehumidification Rate		l/h	3.5	3.5	4.4
Drain Connection Size		inch	3/4	3/4	3/4
Refrigerant	Refrigerant Charge	kg	3.3	3.3	4.3
		lbs	7.3	7.30	9.50
		Type	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	50 13/32 * 31 7/8 * 43 11/16	50 13/32 * 31 7/8 * 43 11/16	50 13/32 * 41 15/16 * 43 11/16
		mm	1280*810*1110	1280*810*1110	1280*1065*1110
Net Weight		kg	170	170	200
		lbs	375	375	441
Stuffing Quantity	Without S/Parts	(20ft/10ft/40ft HI)	16/26/54	16/36/54	16/36/36

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB
2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed without notification.

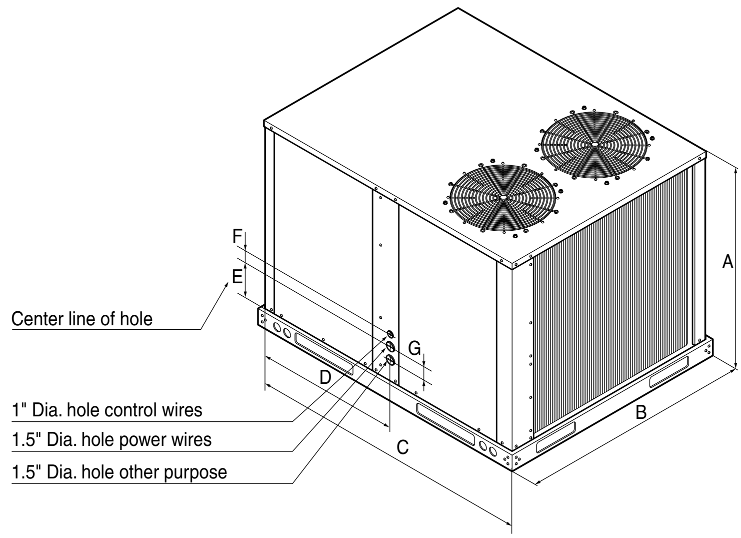
	Nominal ton	(Ton)	4	5	5
Models			LK-0425CC	LK-0521CC	LK-0525CC
Capacity	Gross Cooling Capacity	Btu/h	54,000	62200	62200
		kcal/h(W)	13,608(15,826)	15,674(18,229)	15,674(18,229)
	Net Cooling Capacity	Btu/h	52,000	60000	61000
		kcal/h(W)	13,104(15,240)	15,120(17,854)	15,371(17,877)
Electrical Data	Power Supply	V,PH,Hz	220,1, 60	220,1, 60	220,1, 60
	M.C.A(with standard motor)	Amps	31.4	39.5	39.5
	Power Input	W	4,300	5,100	5,100
Performance	Air Circulation	CFM	1,550	1,600	1,600
	SEER	Btu/h W	13.0	13	13
	Sound Rating	Bell	7.6	8	8
Indoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		3R/18FPI	4R/18FPI	4R/18FPI
	Length	inch	21 21/32	21 2/3	23 7/32
		mm	550	550	590
	Face Area	sq.ft	5.71	5.71	6.14
		m^2	0.53	0.53	0.57
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA
	Diameter/Width	inch	11 (11)	11 (11)	11 (11)
	Drive Type/Motor Step		Direct/2	Direct/2	Direct/2
	No.motors		1EA	1EA	1EA
	Motor Phase		1 Phase	1 Phase	1 Phase
	Motor output(standard/oversized)	Hp	0.4Hp / N.A	0.5Hp / N.A	0.5Hp / N.A
	Motor rpm(Standard/oversized)	rpm	1,030/N.A	1,090/N.A	1,090/N.A
Compressor	Type		Scroll	Scroll	Scroll
	Quantity		1	1	1
	Model		SQ042KAA	ZR54KC-PFV-501	ZR54KC-PFV-501
	Maker		LG	Copeland	Copeland
	Capacity	kcal/h(Btu/h)	10,206(40,500)	13,583(53,902)	13,583(53,902)
	Motor type		PSC	PSC	PSC
	Motor Input	W	3,750	4900	4900
	Oil Type		SONTEK 200LT	SONTEK 200LT	SONTEK 200LT
	Oil Charge	cc	1,100	1656	1656
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		3R/18FPI	3R/18FPI	3R/18FPI
	Length	inch	54 1/8	54 1/8	54 1/8
		mm	1,375	1375	1375
	Face Area	sq.ft	14.28	14.28	14.28
		m^2	1.33	1.33	1.33
Outdoor Fan	Type		Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/18	2EA/18	2EA/18
	Drive Type		Direct	Direct	Direct
	CFM		3,300	3300	3300
	Motor Phase		1 Phase	1 Phase	1 Phase
	No. Motor/Motor output(Hp)		2/0.15	2/0.15	2/0.15
	Motor RPM		1,000	1000	1000
Dehumidification Rate		l/h	4.4	6.1	6.1
Drain Connection Size		inch	3/4	3/4	3/4
Refrigerant	Refrigerant Charge	kg	5.8	5.8	5.4
		lbs	12.70	12.8	11.8
		Type	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	50 13/32 * 41 15/16 * 43 11/16	50 13/32 * 41 15/16 * 43 11/16	50 13/32 * 41 15/16 * 43 11/16
		mm	1280*1065*1110	1280*1065*1110	1280*1065*1110
Net Weight		kg	200	220	220
		lbs	441	485	485
Stuffing Quantity	Without S/Parts	(20ft/10ft/40ft HI)	16/36/36	16/36/36	16/36/36

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB
2. Nominal CFM : Fan operation mode with clean filter, dry coil.
3. Due to our policy of innovation some specifications may be changed without notification.

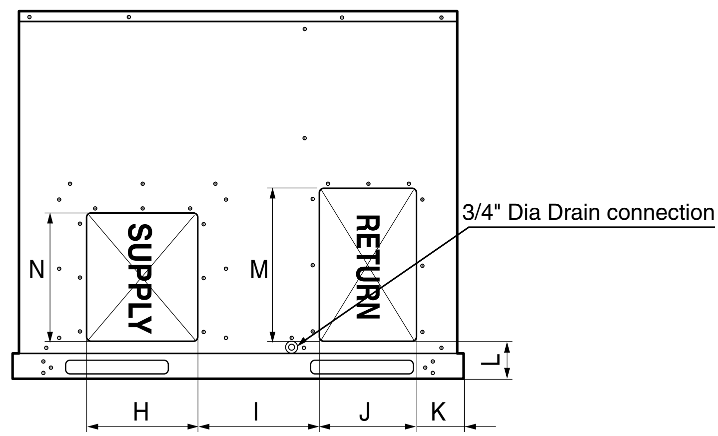
6. Dimensions

Model No.: LK-0321CC/0325CC

Dimension \ Unit	mm	inch
A	810	31.89
B	1100	43.31
C	1280	50.39
D	749	29.49
E	245	9.65
F	60	2.36
G	70	2.76

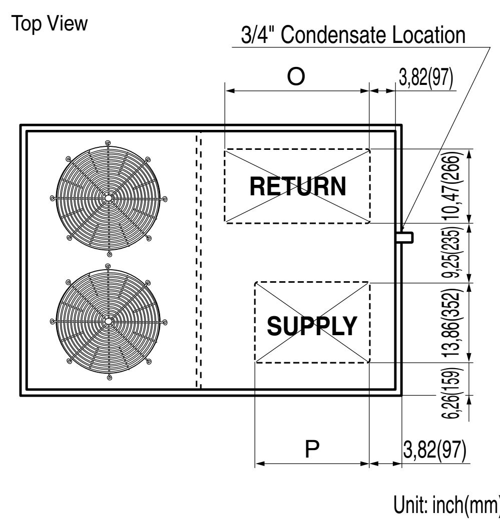


Dimension \ Unit	mm	inch
H	352	13.86
I	234	9.21
J	266	10.47
K	98	3.86
L	110	4.33
M	496	19.53
N	366	14.41



Horizontal Applocation Unit
(Rear View Showing duct opening for horizontal air flow)

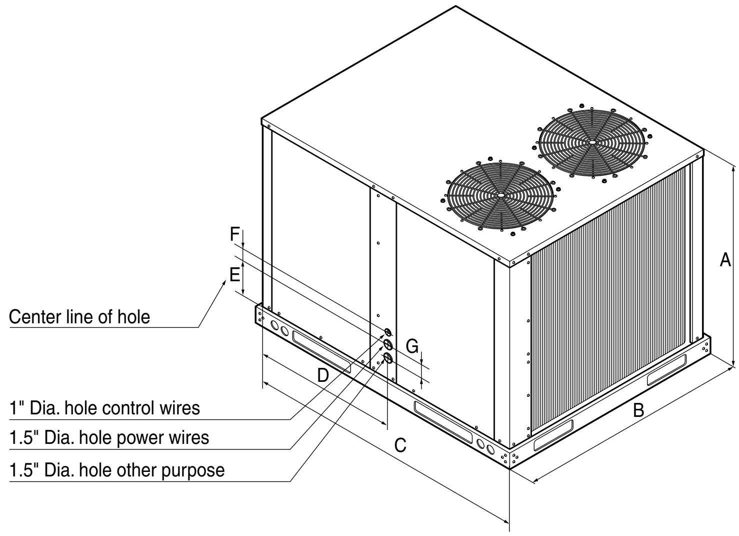
Dimension \ Unit	mm	inch
O	496	19.53
P	366	14.41



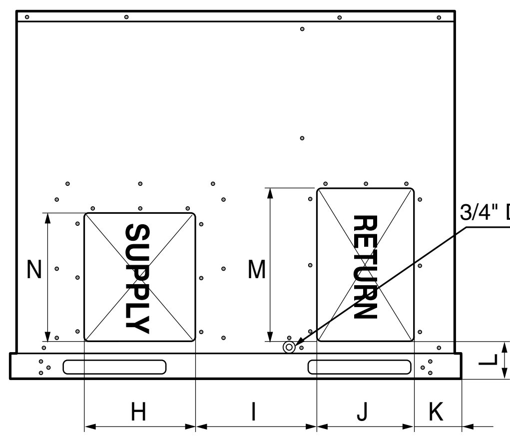
Down Flow Application Unit

Model No.: LK-0421CC/0425CC/0521CC/0525CC

Unit / Dimension	mm	inch
A	1065	41.93
B	1110	43.70
C	1280	50.39
D	749	29.49
E	245	9.65
F	60	2.36
G	70	2.76

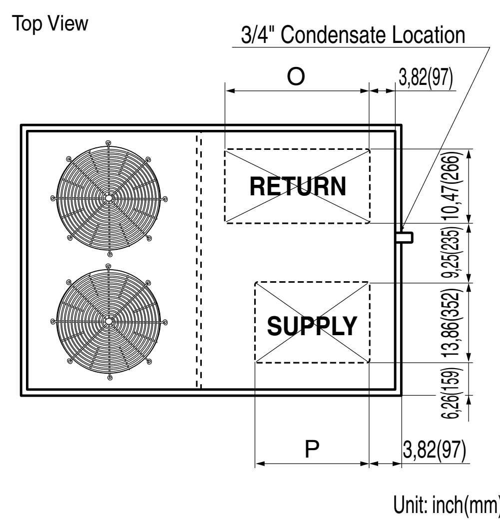


Unit / Dimension	mm	inch
H	352	13.86
I	234	9.21
J	266	10.47
K	98	3.86
L	110	4.33
M	566	22.28
N	416	16.38



Horizontal Applocation Unit
(Rear View Showing duct opening for horizontal air flow)

Unit / Dimension	mm	inch
O	566	22.28
P	416	16.38



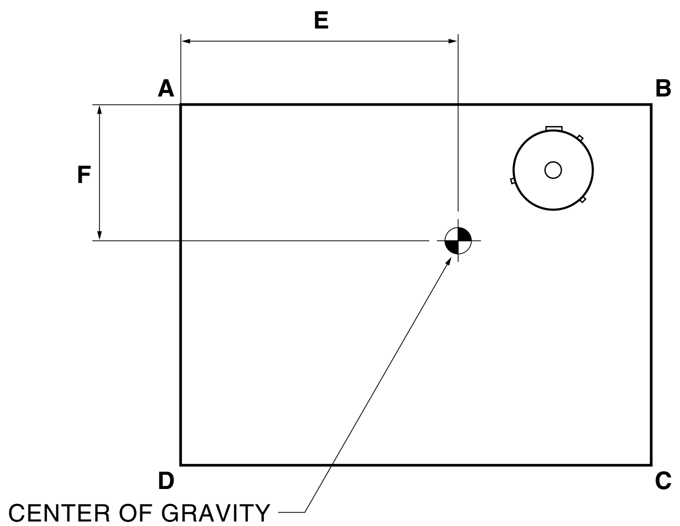
Down Flow Application Unit

Weights

Maximum Unit and Corner Weights (lbs) and Center of Gravity Dimensions (In.)

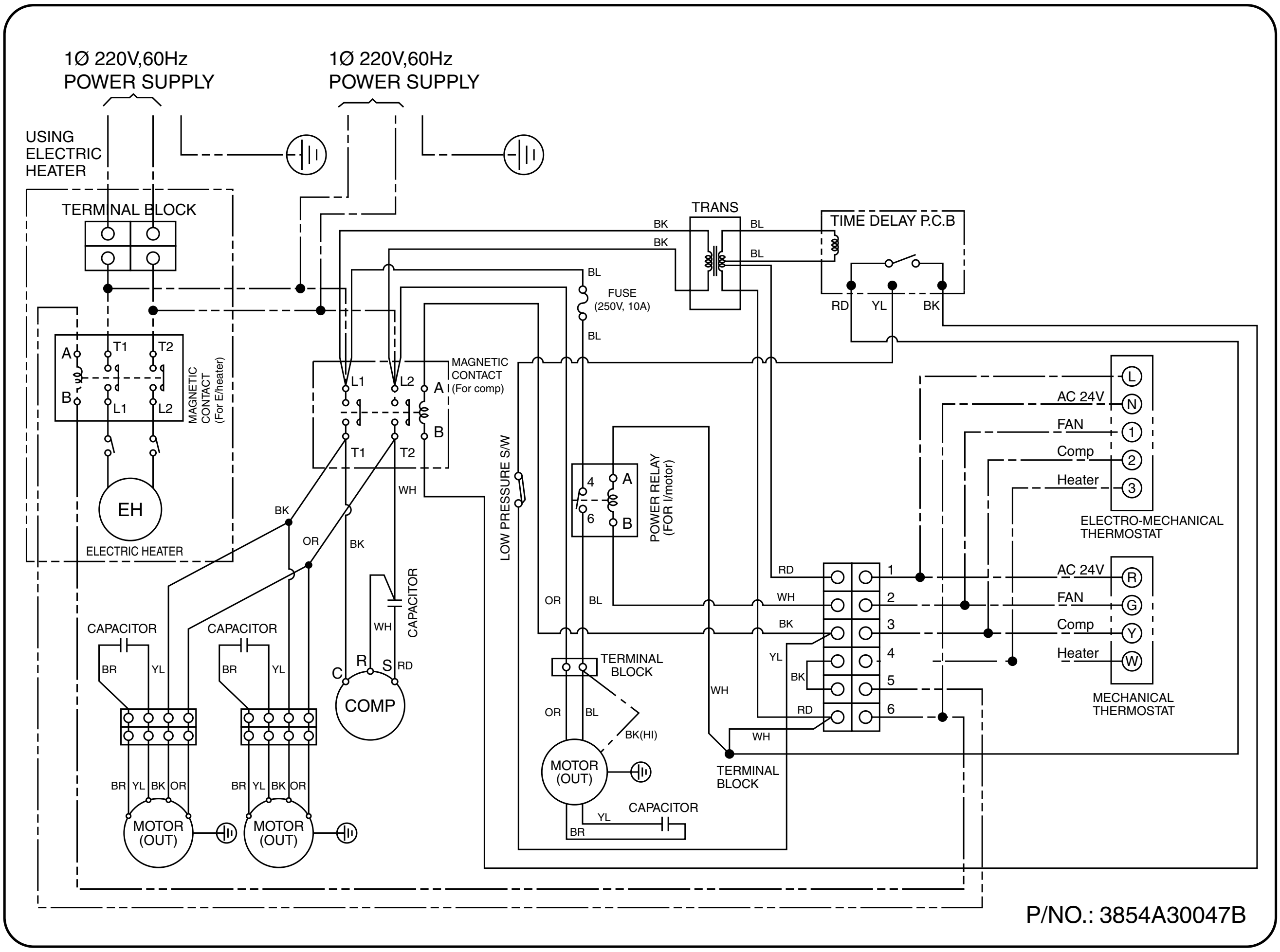
Tons	Unit Model No.	Maximum Weights (lbs)		Corner Weights (lbs)				Center of Gravity (In.)	
		Shipping	Net	A	B	C	D	E	F
3	LK-0321CC	397	375	129	104	79	85	23	20
3	LK-0325CC	397	375	129	104	79	85	23	20
4	LK-0421CC	463	441	148	122	93	99	23	20
4	LK-0425CC	463	441	148	122	93	99	23	20
5	LK-0521CC	507	485	169	131	97	110	22	20
5	LK-0525CC	507	485	169	131	97	110	22	20

Note: 1.Corner weights are given for information only.
2. Weights are approximate.



7. Wiring diagrams

Model No.: LK-0321CC/0325CC/0421CC/0425CC/0521CC/0525CC



Notes:

EH	ELECTRIC HEATER	COMP	COMPRESSOR	BK	BLACK
OR	ORANGE	YL	YELLOW	BR	BROWN
RD	RED	BL	BLUE	WH	WHITE
———	FACTORY WIRING	—- - -—	OPTIONAL WIRING	–·–·–·–	FIELD WIRING

8. Selection procedure

Selection procedure-Cooling only(English)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....34,000 Btu/h
b. Sensible Cooling Capacity..24,000 Btu/h
c. Heating Capacity ....32,000 Btu/h
d. Outdoor Entering-air Temperature ....95°F
e. Indoor Entering-air Temp.(D.B/W.B) ....80°F/67°F
f. Indoor air-flow..1200 CFM
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure ....0.62 in.Aq.

Step 2. Select unit based on required cooling capacity.

Based on Total Cooling Capacity, choose suitable Model from specifications table.

3RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Selection procedure

Step 3. From Gross Cooling Capacity (MBH) LK-0321CC/0325CC (English) table, at 1200 CFM and 95°F DB outdoor ambient temperature, with 80°F DB. 67°F WB air entering temperature.
Total cooling capacity= 39,800 Btu/h, Sensible capacity = 30,600 Btu/h

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of CFM & static pressure. To determine the total unit static pressure.

External Static(Duct system)	0.62 in.Aq.
Standard Filter	0.03 in.Aq.
Electric heater size 10kW	0.01 in.Aq.
Total static pressure	0.66 in.Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 0.63 in.Aq.
With 1,200 CFM and 0.63 in.Aq, Evaporator Fan Performance Data LK-0321CC/0325CC (English) table shows 0.36 BHP for this unit.
FAN MOTOR HEAT;
5.09 x BHP = MBH
5.09 x 0.36 = 1.8 MBH
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	39.8 MBH - 1.8 MBH = 38.0 MBH
Net sensible cooling	30.6 MBH - 1.8 MBH = 28.8 MBH

• MBH = 1000 Btu/h

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 32,000 Btu/h.
The electric heat accessory capacities are listed in Electrical Data Unit Wiring with Electric Heating table.
From the Electric Heating Capacity table select, 10 kW electric heater with output
34.14 MBH = 34.140 Btu/h.

Selection procedure - Cooling Only(SI)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....10 kW
b. Sensible Cooling Capacity..7 kW
c. Heating Capacity ....9.4 kW
d. Outdoor Entering-air Temperature ....35°C
e. Indoor Entering-air Temp.(D.B/W.B) ....26.7°C/19.4°C
f. Indoor air-flow...566 l/s
g. Electrical Characteristics(V-Ph-Hz) 220-1-60
h. External static pressure..15.83mm Aq.

Step 2. Select unit based on required cooling capacity.

Based on total cooling capacity, choose suitable Model from specifications table.

3RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (kW) LK-0321CC/0325CC (SI) table, at 566 l/s and 35°C DB ambient temperature, with 26.7°C DB. 19.4°C WB air entering temperature.
Total cooling capacity= 11.7 kW, Sensible capacity = 9.0 kW

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Selection procedure

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of l/s & static pressure. To determine the total unit static pressure.

External Static(Duct system)	15.83 mm Aq.
Standard Filter	0.76 mm Aq.
Electric heater size 10kW	0.25 mm Aq.
Total static pressure	16.84 mm Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit. Therefore, the actual total static pressure is 16.08 mm Aq.
With 566 l/s and 16.08mm Aq., Evaporator Fan Performance Data LK-0321CC/0325CC (SI) table shows 0.27 BkW for this unit.
FAN MOTOR HEAT;
2 x BkW = kW
2x 0.27 = 0.54 kW
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	11.7 kW - 0.54 kW = 11.16 kW
Net sensible cooling	9 kW - 0.54 kW = 8.46 kW

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

9. Performance data

Gross Cooling Capacity (kW) LK-0321CC/0325CC (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	10.0	7.8	2.31	11.1	5.9	2.39	11.9	2.6	2.43	9.6	8.0	2.55	10.7	6.0	2.63	11.5	2.7	2.68
	26.7	10.4	9.0	2.32	11.3	7.4	2.39	11.9	4.8	2.44	10.1	9.1	2.56	10.9	7.5	2.64	11.5	4.9	2.69
	29.4	10.8	9.8	2.33	11.4	8.9	2.40	11.9	6.7	2.45	10.4	10.0	2.57	11.0	9.1	2.65	11.4	6.8	2.70
	32.2	11.2	10.3	2.34	11.5	9.9	2.41	11.8	8.2	2.45	10.8	10.5	2.58	11.1	10.1	2.66	11.4	8.3	2.71
510	23.9	10.5	8.4	2.33	11.6	6.3	2.41	12.5	2.8	2.45	10.1	8.5	2.57	11.2	6.5	2.65	12.1	2.9	2.70
	26.7	11.0	9.6	2.34	11.8	7.9	2.42	12.5	5.2	2.46	10.6	9.8	2.58	11.4	8.1	2.66	12.1	5.3	2.71
	29.4	11.4	10.5	2.35	12.0	9.6	2.42	12.5	7.2	2.47	11.0	10.7	2.59	11.6	9.7	2.67	12.0	7.3	2.72
	32.2	11.8	11.1	2.36	12.1	10.6	2.43	12.4	8.8	2.47	11.3	11.3	2.60	11.7	10.8	2.68	12.0	8.9	2.73
566	23.9	10.7	9.3	2.35	11.9	7.0	2.43	12.8	3.1	2.47	10.4	9.5	2.60	11.5	7.2	2.68	12.3	3.2	2.73
	26.7	11.2	10.7	2.36	12.1	8.8	2.44	12.8	5.8	2.48	10.8	10.8	2.61	11.7	9.0	2.69	12.3	5.9	2.74
	29.4	11.6	11.6	2.37	12.3	10.6	2.44	12.7	8.0	2.49	11.2	11.2	2.62	11.8	10.8	2.70	12.3	8.1	2.75
	32.2	12.0	12.0	2.38	12.4	11.8	2.45	12.7	9.7	2.50	11.6	11.6	2.63	12.0	12.0	2.71	12.2	9.9	2.76
623	23.9	11.0	9.1	2.37	12.1	6.9	2.45	13.1	3.0	2.49	10.6	9.2	2.61	11.7	7.0	2.70	12.6	3.1	2.75
	26.7	11.5	10.4	2.38	12.4	8.6	2.46	13.1	5.6	2.50	11.1	10.6	2.62	11.9	8.8	2.70	12.6	5.7	2.75
	29.4	11.9	11.4	2.39	12.5	10.4	2.46	13.0	7.8	2.51	11.5	11.5	2.63	12.1	10.6	2.71	12.6	7.9	2.76
	32.2	12.3	12.0	2.40	12.7	11.5	2.47	12.9	9.5	2.52	11.8	11.8	2.64	12.2	11.7	2.72	12.5	9.7	2.77
680	23.9	11.1	9.3	2.39	12.2	7.1	2.47	13.2	3.1	2.52	10.7	9.5	2.63	11.8	7.2	2.72	12.7	3.2	2.77
	26.7	11.5	10.7	2.40	12.5	8.8	2.48	13.2	5.8	2.52	11.1	10.7	2.64	12.0	9.0	2.72	12.7	5.9	2.77
	29.4	12.0	11.7	2.41	12.6	10.6	2.48	13.1	8.0	2.53	11.6	11.6	2.65	12.2	10.8	2.73	12.7	8.2	2.78
	32.2	12.4	12.3	2.42	12.8	11.8	2.49	13.0	9.7	2.54	11.9	11.9	2.66	12.3	12.0	2.74	12.6	9.9	2.79

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
453	23.9	9.1	7.6	2.75	10.1	5.8	2.83	10.8	2.5	2.89	8.5	7.3	2.91	9.4	5.5	3.00	10.1	2.4	3.05	7.8	6.9	3.04	8.7	5.2	3.14	9.3	2.3	3.19
	26.7	9.5	8.7	2.75	10.3	7.2	2.84	10.9	4.7	2.89	8.9	8.4	2.91	9.6	6.9	3.01	10.1	4.5	3.06	8.2	7.9	3.05	8.8	6.6	3.14	9.3	4.3	3.20
	29.4	9.9	9.6	2.76	10.4	8.7	2.85	10.8	6.5	2.90	9.2	9.2	2.92	9.7	8.4	3.02	10.1	6.3	3.07	8.5	8.5	3.06	8.9	7.9	3.15	9.3	5.9	3.21
	32.2	10.2	10.1	2.77	10.5	9.6	2.86	10.8	7.9	2.91	9.5	9.5	2.93	9.8	9.3	3.02	10.1	7.7	3.08	8.8	8.8	3.07	9.0	8.8	3.16	9.2	7.2	3.22
510	23.9	9.6	8.1	2.77	10.6	6.2	2.85	11.4	2.7	2.91	9.0	7.9	2.93	9.9	5.9	3.02	10.7	2.6	3.07	8.2	7.4	3.06	9.1	5.6	3.16	9.8	2.5	3.21
	26.7	10.0	9.4	2.77	10.8	7.7	2.86	11.4	5.1	2.92	9.4	9.0	2.93	10.1	7.4	3.03	10.7	4.9	3.08	8.6	8.5	3.07	9.3	7.0	3.17	9.8	4.6	3.22
	29.4	10.4	10.3	2.78	11.0	9.3	2.87	11.4	7.0	2.92	9.7	9.7	2.94	10.2	9.0	3.04	10.6	6.7	3.09	8.9	8.9	3.08	9.4	8.5	3.18	9.8	6.4	3.23
	32.2	10.7	10.7	2.79	11.1	10.3	2.88	11.3	8.5	2.93	10.0	10.0	2.95	10.4	10.0	3.05	10.6	8.2	3.10	9.2	9.2	3.09	9.5	9.4	3.18	9.7	7.8	3.24
566	23.9	9.8	9.0	2.79	10.8	6.9	2.87	11.7	3.0	2.93	9.2	8.7	2.95	10.1	6.6	3.04	10.9	2.9	3.09	8.4	8.2	3.08	9.3	6.2	3.18	10.0	2.8	3.24
	26.7	10.2	10.2	2.79	11.0	8.6	2.88	11.7	5.6	2.94	9.6	9.6	2.95	10.3	8.3	3.05	10.9	5.4	3.10	8.8	8.8	3.09	9.5	7.8	3.19	10.0	5.1	3.25
	29.4	10.6	10.6	2.80	11.2	10.3	2.89	11.6	7.8	2.94	9.9	9.9	2.96	10.5	10.0	3.06	10.9	7.7	3.11	9.1	9.1	3.10	9.6	9.4	3.20	10.0	7.1	3.26
	32.2	11.0	11.0	2.81	11.3	11.3	2.90	11.6	9.5	2.95	10.2	10.2	2.97	10.6	10.6	3.07	10.8	9.4	3.12	9.4	9.4	3.11	9.7	9.7	3.21	9.9	8.6	3.26
623	23.9	10.0	8.8	2.81	11.1	6.7	2.89	11.9	3.0	2.95	9.4	8.5	2.97	10.4	6.4	3.06	11.1	2.8	3.12	8.6	8.0	3.10	9.5	6.1	3.20	10.2	2.7	3.26
	26.7	10.5	10.1	2.81	11.3	8.4	2.90	11.9	5.5	2.96	9.8	9.8	2.97	10.5	8.1	3.07	11.1	5.3	3.13	9.0	9.0	3.11	9.7	7.6	3.21	10.2	5.0	3.27
	29.4	10.9	10.9	2.82	11.4	10.1	2.91	11.9	7.6	2.97	10.1	10.1	2.98	10.7	9.7	3.08	11.1	7.3	3.13	9.3	9.3	3.12	9.8	9.2	3.22	10.2	6.9	3.28
	32.2	11.2	11.2	2.83	11.6	11.2	2.92	11.8	9.2	2.97	10.5	10.5	2.99	10.8	10.8	3.09	11.0	8.9	3.14	9.6	9.6	3.13	9.9	9.9	3.23	10.1	8.4	3.29
680	23.9	10.1	9.1	2.83	11.2	6.9	2.92	12.0	3.0	2.97	9.4	8.7	2.99	10.4	6.6	3.08	11.2	2.9	3.14	8.7	8.3	3.12	9.6	6.3	3.22	10.3	2.8	3.28
	26.7	10.5	10.4	2.83	11.4	8.6	2.92	12.0	5.6	2.98	9.8	9.8	2.99	10.6	8.3	3.09	11.2	5.4	3.15	9.0	9.0	3.13	9.7	7.8	3.23	10.3	5.1	3.29
	29.4	10.9	10.9	2.84	11.5	10.4	2.93	12.0	7.8	2.99	10.2	10.2	3.00	10.8	10.0	3.10	11.2	7.5	3.16	9.4	9.4	3.14	9.9	9.4	3.24	10.3	7.1	3.30
	32.2	11.3	11.3	2.85	11.7	11.5	2.94	11.9	9.5	3.00	10.6	10.6	3.01	10.9	10.9	3.11	11.1	9.1	3.17	9.7	9.7	3.15	10.0	10.0	3.25	10.2	8.6	3.31

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(Unit : kW)
5. SHC = Sensible Heat Capacity(Unit : kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0421CC (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
566	23.9	13.6	10.6	3.25	15.0	8.0	3.35	16.1	3.5	3.41	13.1	10.8	3.58	14.5	8.2	3.70	15.6	3.6	3.77
	26.7	14.2	12.2	3.26	15.3	10.0	3.36	16.1	6.6	3.42	13.7	12.4	3.59	14.7	10.2	3.71	15.6	6.7	3.78
	29.4	14.7	13.3	3.27	15.5	12.1	3.37	16.1	9.1	3.43	14.2	13.6	3.60	14.9	12.3	3.72	15.5	9.3	3.79
	32.2	15.2	14.0	3.28	15.7	13.4	3.38	16.0	11.1	3.44	14.6	14.3	3.62	15.1	13.7	3.73	15.4	11.3	3.80
637	23.9	14.3	11.4	3.28	15.8	8.6	3.38	17.0	3.8	3.44	13.8	11.6	3.61	15.2	8.8	3.73	16.4	3.9	3.79
	26.7	14.9	13.0	3.29	16.1	10.8	3.39	17.0	7.1	3.45	14.4	13.3	3.62	15.5	11.0	3.74	16.4	7.2	3.81
	29.4	15.5	14.3	3.30	16.3	13.0	3.40	16.9	9.8	3.46	14.9	14.6	3.63	15.7	13.2	3.75	16.3	9.9	3.82
	32.2	16.0	15.0	3.31	16.5	14.4	3.41	16.8	11.9	3.47	15.4	15.3	3.64	15.9	14.7	3.76	16.2	12.1	3.83
708	23.9	14.6	12.0	3.30	16.1	9.1	3.41	17.3	4.0	3.47	14.1	12.2	3.65	15.5	9.2	3.77	16.7	4.1	3.84
	26.7	15.2	13.7	3.31	16.4	11.3	3.42	17.3	7.4	3.48	14.7	14.0	3.66	15.8	11.6	3.78	16.7	7.6	3.85
	29.4	15.8	15.0	3.32	16.6	13.7	3.43	17.3	10.3	3.49	15.2	15.2	3.68	16.1	13.9	3.79	16.7	10.5	3.86
	32.2	16.3	15.8	3.33	16.8	15.2	3.44	17.2	12.5	3.50	15.7	15.7	3.69	16.2	15.5	3.80	16.6	12.7	3.87
779	23.9	14.9	12.3	3.33	16.5	9.3	3.44	17.7	4.1	3.50	14.4	12.5	3.67	15.9	9.5	3.78	17.1	4.2	3.85
	26.7	15.5	14.1	3.34	16.8	11.7	3.45	17.7	7.6	3.51	15.0	14.4	3.68	16.2	11.9	3.79	17.1	7.8	3.87
	29.4	16.1	15.5	3.35	17.0	14.1	3.46	17.7	10.6	3.52	15.6	15.6	3.69	16.4	14.3	3.81	17.0	10.8	3.88
	32.2	16.7	16.3	3.36	17.2	15.6	3.47	17.6	12.9	3.53	16.1	16.1	3.70	16.6	15.9	3.82	16.9	13.1	3.89
849	23.9	15.0	12.6	3.36	16.6	9.6	3.47	17.8	4.2	3.53	14.5	12.9	3.70	16.0	9.7	3.81	17.2	4.3	3.88
	26.7	15.7	14.5	3.37	16.9	12.0	3.48	17.9	7.8	3.54	15.1	14.5	3.71	16.3	12.2	3.82	17.2	8.0	3.89
	29.4	16.3	15.9	3.38	17.1	14.4	3.49	17.8	10.9	3.55	15.7	15.7	3.72	16.5	14.7	3.84	17.2	11.1	3.91
	32.2	16.8	16.7	3.39	17.3	16.0	3.50	17.7	13.2	3.56	16.2	16.2	3.73	16.7	16.3	3.85	17.1	13.5	3.92

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
566	23.9	12.4	10.3	3.85	13.7	7.8	3.98	14.7	3.4	4.05	11.6	9.9	4.08	12.8	7.5	4.21	13.8	3.3	4.29	10.6	9.4	4.27	11.7	7.1	4.40	12.6	3.1	4.48
	26.7	12.9	11.8	3.87	13.9	9.8	3.99	14.7	6.4	4.06	12.1	11.4	4.09	13.0	9.4	4.22	13.8	6.2	4.30	11.1	10.8	4.28	11.9	8.9	4.41	12.6	5.8	4.50
	29.4	13.4	13.0	3.88	14.1	11.8	4.00	14.7	8.9	4.07	12.5	12.5	4.10	13.2	11.3	4.23	13.7	8.5	4.31	11.5	11.5	4.29	12.1	10.7	4.43	12.6	8.1	4.51
	32.2	13.8	13.7	3.89	14.3	13.1	4.01	14.6	10.8	4.09	12.9	12.9	4.12	13.4	12.6	4.25	13.6	10.4	4.32	11.9	11.9	4.30	12.3	11.9	4.44	12.5	9.8	4.52
637	23.9	13.0	11.1	3.88	14.4	8.4	4.01	15.5	3.7	4.08	12.2	10.7	4.11	13.5	8.1	4.24	14.5	3.6	4.31	11.2	10.1	4.29	12.3	7.6	4.43	13.3	3.4	4.51
	26.7	13.6	12.7	3.89	14.7	10.5	4.02	15.5	6.9	4.09	12.7	12.2	4.12	13.7	10.1	4.25	14.5	6.6	4.33	11.7	11.6	4.31	12.6	9.5	4.44	13.3	6.3	4.53
	29.4	14.1	13.9	3.91	14.9	12.6	4.03	15.4	9.5	4.10	13.2	13.2	4.13	13.9	12.2	4.26	14.4	9.2	4.34	12.1	12.1	4.32	12.7	11.5	4.46	13.2	8.7	4.54
	32.2	14.6	14.6	3.92	15.0	14.0	4.04	15.4	11.6	4.12	13.6	13.6	4.14	14.0	13.5	4.27	14.3	11.1	4.35	12.5	12.5	4.33	12.9	12.8	4.47	13.2	10.5	4.55
708	23.9	13.3	11.6	3.91	14.7	8.8	4.03	15.8	3.9	4.11	12.4	11.2	4.13	13.7	8.5	4.27	14.8	3.7	4.34	11.4	10.6	4.32	12.6	8.0	4.46	13.6	3.5	4.54
	26.7	13.9	13.4	3.92	15.0	11.0	4.05	15.8	7.2	4.12	13.0	12.9	4.15	14.0	10.6	4.28	14.8	7.0	4.36	11.9	11.9	4.34	12.8	10.1	4.47	13.6	6.6	4.56
	29.4	14.4	14.4	3.93	15.2	13.3	4.06	15.8	10.0	4.13	13.5	13.5	4.16	14.2	12.8	4.29	14.7	9.9	4.37	12.3	12.3	4.35	13.0	12.1	4.49	13.5	9.1	4.57
	32.2	14.9	14.9	3.95	15.4	14.8	4.07	15.7	12.2	4.15	13.9	13.9	4.17	14.3	14.2	4.30	14.7	12.1	4.38	12.8	12.8	4.36	13.2	13.2	4.50	13.4	11.1	4.58
779	23.9	13.6	12.0	3.94	15.0	9.1	4.06	16.2	4.0	4.14	12.7	11.5	4.16	14.1	8.7	4.29	15.1	3.9	4.37	11.7	10.9	4.35	12.9	8.3	4.49	13.9	3.6	4.57
	26.7	14.2	13.8	3.95	15.3	11.4	4.08	16.2	7.4	4.15	13.3	13.3	4.18	14.3	11.0	4.31	15.1	7.2	4.39	12.2	12.2	4.36	13.1	10.4	4.50	13.9	6.8	4.59
	29.4	14.7	14.7	3.96	15.5	13.7	4.09	16.1	10.3	4.16	13.8	13.8	4.19	14.5	13.2	4.32	15.1	9.9	4.40	12.6	12.6	4.38	13.3	12.5	4.52	13.8	9.4	4.60
	32.2	15.2	15.2	3.97	15.7	15.2	4.10	16.0	12.5	4.18	14.2	14.2	4.20	14.7	14.7	4.33	15.0	12.1	4.41	13.0	13.0	4.39	13.5	13.5	4.53	13.7	11.4	4.61
849	23.9	13.7	12.3	3.97	15.2	9.3	4.09	16.3	4.1	4.17	12.8	11.9	4.19	14.2	9.0	4.32	15.2	4.0	4.40	11.8	11.2	4.38	13.0	8.5	4.52	14.0	3.7	4.60
	26.7	14.3	14.1	3.98	15.4	11.7	4.10	16.3	7.6	4.18	13.4	13.4	4.20	14.4	11.2	4.34	15.2	7.4	4.42	12.3	12.3	4.39	13.2	10.6	4.53	14.0	7.0	4.61
	29.4	14.8	14.8	3.99	15.6	14.0	4.12	16.3	10.6	4.19	13.9	13.9	4.22	14.6	13.5	4.35	15.2	10.2	4.43	12.7	12.7	4.41	13.4	12.8	4.54	13.9	9.6	4.63
	32.2	15.3	15.3	4.00	15.8	15.6	4.13	16.2	12.9	4.21	14.3	14.3	4.23	14.8	14.8	4.36	15.1	12.4	4.44	13.1	13.1	4.42	13.6	13.6	4.56	13.8	11.7	4.64

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(Unit : kW)
5. SHC = Sensible Heat Capacity(Unit : kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0425CC (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
585	23.9	13.6	10.6	3.25	15.0	8.0	3.35	16.1	3.5	3.41	13.1	10.8	3.58	14.5	8.2	3.70	15.6	3.6	3.77
	26.7	14.2	12.2	3.26	15.3	10.0	3.36	16.1	6.6	3.42	13.7	12.4	3.59	14.7	10.2	3.71	15.6	6.7	3.78
	29.4	14.7	13.3	3.27	15.5	12.1	3.37	16.1	9.1	3.43	14.2	13.6	3.60	14.9	12.3	3.72	15.5	9.3	3.79
	32.2	15.2	14.0	3.28	15.7	13.4	3.38	16.0	11.1	3.44	14.6	14.3	3.62	15.1	13.7	3.73	15.4	11.3	3.80
658	23.9	14.3	11.4	3.28	15.8	8.6	3.38	17.0	3.8	3.44	13.8	11.6	3.61	15.2	8.8	3.73	16.4	3.9	3.79
	26.7	14.9	13.0	3.29	16.1	10.8	3.39	17.0	7.1	3.45	14.4	13.3	3.62	15.5	11.0	3.74	16.4	7.2	3.81
	29.4	15.5	14.3	3.30	16.3	13.0	3.40	16.9	9.8	3.46	14.9	14.6	3.63	15.7	13.2	3.75	16.3	9.9	3.82
	32.2	16.0	15.0	3.31	16.5	14.4	3.41	16.8	11.9	3.47	15.4	15.3	3.64	15.9	14.7	3.76	16.2	12.1	3.83
731	23.9	14.6	12.0	3.30	16.1	9.1	3.41	17.3	4.0	3.47	14.1	12.2	3.65	15.5	9.2	3.77	16.7	4.1	3.84
	26.7	15.2	13.7	3.31	16.4	11.3	3.42	17.3	7.4	3.48	14.7	14.0	3.66	15.8	11.6	3.78	16.7	7.6	3.85
	29.4	15.8	15.0	3.32	16.6	13.7	3.43	17.3	10.3	3.49	15.2	15.2	3.68	16.1	13.9	3.79	16.7	10.5	3.86
	32.2	16.3	15.8	3.33	16.8	15.2	3.44	17.2	12.5	3.50	15.7	15.7	3.69	16.2	15.5	3.80	16.6	12.7	3.87
805	23.9	14.9	12.3	3.33	16.5	9.3	3.44	17.7	4.1	3.50	14.4	12.5	3.67	15.9	9.5	3.78	17.1	4.2	3.85
	26.7	15.5	14.1	3.34	16.8	11.7	3.45	17.7	7.6	3.51	15.0	14.4	3.68	16.2	11.9	3.79	17.1	7.8	3.87
	29.4	16.1	15.5	3.35	17.0	14.1	3.46	17.7	10.6	3.52	15.6	15.6	3.69	16.4	14.3	3.81	17.0	10.8	3.88
	32.2	16.7	16.3	3.36	17.2	15.6	3.47	17.6	12.9	3.53	16.1	16.1	3.70	16.6	15.9	3.82	16.9	13.1	3.89
878	23.9	15.0	12.6	3.36	16.6	9.6	3.47	17.8	4.2	3.53	14.5	12.9	3.70	16.0	9.7	3.81	17.2	4.3	3.88
	26.7	15.7	14.5	3.37	16.9	12.0	3.48	17.9	7.8	3.54	15.1	14.5	3.71	16.3	12.2	3.82	17.2	8.0	3.89
	29.4	16.3	15.9	3.38	17.1	14.4	3.49	17.8	10.9	3.55	15.7	15.7	3.72	16.5	14.7	3.84	17.2	11.1	3.91
	32.2	16.8	16.7	3.39	17.3	16.0	3.50	17.7	13.2	3.56	16.2	16.2	3.73	16.7	16.3	3.85	17.1	13.5	3.92

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
585	23.9	12.4	10.3	3.85	13.7	7.8	3.98	14.7	3.4	4.05	11.6	9.9	4.08	12.8	7.5	4.21	13.8	3.3	4.29	10.6	9.4	4.27	11.7	7.1	4.40	12.6	3.1	4.48
	26.7	12.9	11.8	3.87	13.9	9.8	3.99	14.7	6.4	4.06	12.1	11.4	4.09	13.0	9.4	4.22	13.8	6.2	4.30	11.1	10.8	4.28	11.9	8.9	4.41	12.6	5.8	4.50
	29.4	13.4	13.0	3.88	14.1	11.8	4.00	14.7	8.9	4.07	12.5	12.5	4.10	13.2	11.3	4.23	13.7	8.5	4.31	11.5	11.5	4.29	12.1	10.7	4.43	12.6	8.1	4.51
	32.2	13.8	13.7	3.89	14.3	13.1	4.01	14.6	10.8	4.09	12.9	12.9	4.12	13.4	12.6	4.25	13.6	10.4	4.32	11.9	11.9	4.30	12.3	11.9	4.44	12.5	9.8	4.52
658	23.9	13.0	11.1	3.88	14.4	8.4	4.01	15.5	3.7	4.08	12.2	10.7	4.11	13.5	8.1	4.24	14.5	3.6	4.31	11.2	10.1	4.29	12.3	7.6	4.43	13.3	3.4	4.51
	26.7	13.6	12.7	3.89	14.7	10.5	4.02	15.5	6.9	4.09	12.7	12.2	4.12	13.7	10.1	4.25	14.5	6.6	4.33	11.7	11.6	4.31	12.6	9.5	4.44	13.3	6.3	4.53
	29.4	14.1	13.9	3.91	14.9	12.6	4.03	15.4	9.5	4.10	13.2	13.2	4.13	13.9	12.2	4.26	14.4	9.2	4.34	12.1	12.1	4.32	12.7	11.5	4.46	13.2	8.7	4.54
	32.2	14.6	14.6	3.92	15.0	14.0	4.04	15.4	11.6	4.12	13.6	13.6	4.14	14.0	13.5	4.27	14.3	11.1	4.35	12.5	12.5	4.33	12.9	12.8	4.47	13.2	10.5	4.55
731	23.9	13.3	11.6	3.91	14.7	8.8	4.03	15.8	3.9	4.11	12.4	11.2	4.13	13.7	8.5	4.27	14.8	3.7	4.34	11.4	10.6	4.32	12.6	8.0	4.46	13.6	3.5	4.54
	26.7	13.9	13.4	3.92	15.0	11.0	4.05	15.8	7.2	4.12	13.0	12.9	4.15	14.0	10.6	4.28	14.8	7.0	4.36	11.9	11.9	4.34	12.8	10.1	4.47	13.6	6.6	4.56
	29.4	14.4	14.4	3.93	15.2	13.3	4.06	15.8	10.0	4.13	13.5	13.5	4.16	14.2	12.8	4.29	14.7	9.9	4.37	12.3	12.3	4.35	13.0	12.1	4.49	13.5	9.1	4.57
	32.2	14.9	14.9	3.95	15.4	14.8	4.07	15.7	12.2	4.15	13.9	13.9	4.17	14.3	14.2	4.30	14.7	12.1	4.38	12.8	12.8	4.36	13.2	13.2	4.50	13.4	11.1	4.58
805	23.9	13.6	12.0	3.94	15.0	9.1	4.06	16.2	4.0	4.14	12.7	11.5	4.16	14.1	8.7	4.29	15.1	3.9	4.37	11.7	10.9	4.35	12.9	8.3	4.49	13.9	3.6	4.57
	26.7	14.2	13.8	3.95	15.3	11.4	4.08	16.2	7.4	4.15	13.3	13.3	4.18	14.3	11.0	4.31	15.1	7.2	4.39	12.2	12.2	4.36	13.1	10.4	4.50	13.9	6.8	4.59
	29.4	14.7	14.7	3.96	15.5	13.7	4.09	16.1	10.3	4.16	13.8	13.8	4.19	14.5	13.2	4.32	15.1	9.9	4.40	12.6	12.6	4.38	13.3	12.5	4.52	13.8	9.4	4.60
	32.2	15.2	15.2	3.97	15.7	15.2	4.10	16.0	12.5	4.18	14.2	14.2	4.20	14.7	14.7	4.33	15.0	12.1	4.41	13.0	13.0	4.39	13.5	13.5	4.53	13.7	11.4	4.61
878	23.9	13.7	12.3	3.97	15.2	9.3	4.09	16.3	4.1	4.17	12.8	11.9	4.19	14.2	9.0	4.32	15.2	4.0	4.40	11.8	11.2	4.38	13.0	8.5	4.52	14.0	3.7	4.60
	26.7	14.3	14.1	3.98	15.4	11.7	4.10	16.3	7.6	4.18	13.4	13.4	4.20	14.4	11.2	4.34	15.2	7.4	4.42	12.3	12.3	4.39	13.2	10.6	4.53	14.0	7.0	4.61
	29.4	14.8	14.8	3.99	15.6	14.0	4.12	16.3	10.6	4.19	13.9	13.9	4.22	14.6	13.5	4.35	15.2	10.2	4.43	12.7	12.7	4.41	13.4	12.8	4.54	13.9	9.6	4.63
	32.2	15.3	15.3	4.00	15.8	15.6	4.13	16.2	12.9	4.21	14.3	14.3	4.23	14.8	14.8	4.36	15.1	12.4	4.44	13.1	13.1	4.42	13.6	13.6	4.56	13.8	11.7	4.64

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(Unit : kW)
5. SHC = Sensible Heat Capacity(Unit : kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0521CC/0525CC (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	15.6	12.2	3.92	17.3	9.2	4.04	18.6	4.1	4.12	15.1	12.4	4.32	16.7	9.4	4.46	17.9	4.2	4.54
	26.7	16.3	14.0	3.93	17.6	11.6	4.06	18.6	7.6	4.13	15.7	14.3	4.34	17.0	11.8	4.47	17.9	7.7	4.56
	29.4	16.9	15.3	3.94	17.8	13.9	4.07	18.5	10.5	4.14	16.3	15.6	4.35	17.2	14.2	4.49	17.9	10.7	4.57
	32.2	17.5	16.2	3.96	18.0	15.5	4.08	18.4	12.8	4.16	16.9	16.5	4.36	17.4	15.8	4.50	17.8	13.0	4.58
680	23.9	16.4	13.1	3.95	18.2	9.9	4.08	19.5	4.4	4.15	15.9	13.3	4.36	17.5	10.1	4.50	18.8	4.5	4.58
	26.7	17.2	15.0	3.97	18.5	12.4	4.09	19.5	8.1	4.17	16.5	15.3	4.37	17.8	12.6	4.51	18.9	8.3	4.59
	29.4	17.8	16.5	3.98	18.8	14.9	4.10	19.5	11.2	4.18	17.2	16.8	4.38	18.1	15.2	4.52	18.8	11.4	4.61
	32.2	18.4	17.3	3.99	19.0	16.6	4.12	19.4	13.7	4.19	17.7	17.7	4.40	18.3	16.9	4.54	18.7	13.9	4.62
755	23.9	16.8	13.2	3.99	18.6	10.0	4.11	20.0	4.4	4.19	16.2	13.5	4.41	17.9	10.2	4.55	19.3	4.5	4.63
	26.7	17.5	15.2	4.00	18.9	12.5	4.13	20.0	8.2	4.20	16.9	15.5	4.42	18.2	12.8	4.56	19.3	8.4	4.65
	29.4	18.2	16.6	4.01	19.2	15.1	4.14	19.9	11.3	4.21	17.5	16.9	4.43	18.5	15.4	4.57	19.2	11.6	4.66
	32.2	18.8	17.5	4.02	19.4	16.8	4.15	19.8	13.8	4.23	18.1	17.8	4.45	18.7	17.1	4.59	19.1	14.1	4.67
831	23.9	17.2	14.2	4.02	19.0	10.7	4.15	20.4	4.7	4.23	16.6	14.4	4.43	18.3	10.9	4.57	19.7	4.8	4.65
	26.7	17.9	16.3	4.03	19.3	13.4	4.16	20.4	8.8	4.24	17.3	16.6	4.44	18.6	13.7	4.58	19.7	9.0	4.66
	29.4	18.6	17.8	4.05	19.6	16.2	4.17	20.4	12.2	4.25	17.9	17.9	4.45	18.9	16.5	4.59	19.6	12.4	4.68
	32.2	19.2	18.8	4.06	19.8	18.0	4.19	20.2	14.8	4.26	18.5	18.5	4.47	19.1	18.3	4.61	19.5	15.1	4.69
906	23.9	17.3	14.6	4.06	19.1	11.0	4.18	20.6	4.9	4.26	16.7	14.8	4.46	18.4	11.2	4.60	19.8	5.0	4.69
	26.7	18.0	16.7	4.07	19.5	13.8	4.20	20.6	9.0	4.27	17.4	16.7	4.47	18.8	14.1	4.61	19.8	9.2	4.70
	29.4	18.7	18.3	4.08	19.7	16.6	4.21	20.5	12.5	4.29	18.1	18.1	4.49	19.1	16.9	4.63	19.8	12.7	4.71
	32.2	19.3	19.3	4.09	20.0	18.5	4.22	20.4	15.2	4.30	18.7	18.7	4.50	19.3	18.8	4.64	19.7	15.5	4.73

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
604	23.9	14.3	11.9	4.65	15.8	9.0	4.80	17.0	4.0	4.89	13.3	11.4	4.92	14.7	8.7	5.08	15.8	3.8	5.17	12.2	10.8	5.15	13.5	8.2	5.31	14.5	3.6	5.41
	26.7	14.9	13.6	4.66	16.1	11.3	4.81	17.0	7.4	4.90	13.9	13.1	4.94	15.0	10.9	5.09	15.9	7.1	5.19	12.8	12.4	5.16	13.8	10.3	5.33	14.5	6.7	5.43
	29.4	15.4	14.9	4.68	16.3	13.6	4.83	16.9	10.2	4.92	14.4	14.4	4.95	15.2	13.1	5.11	15.8	9.8	5.20	13.2	13.2	5.18	14.0	12.4	5.34	14.5	9.3	5.44
	32.2	16.0	15.7	4.69	16.5	15.1	4.84	16.8	12.4	4.93	14.9	14.9	4.97	15.4	14.5	5.12	15.7	12.0	5.22	13.7	13.7	5.19	14.1	13.7	5.36	14.4	11.3	5.46
680	23.9	15.0	12.7	4.68	16.6	9.6	4.83	17.8	4.3	4.92	14.0	12.3	4.95	15.5	9.3	5.11	16.7	4.1	5.21	12.9	11.6	5.18	14.2	8.8	5.35	15.3	3.9	5.44
	26.7	15.7	14.6	4.70	16.9	12.1	4.85	17.8	7.9	4.94	14.6	14.1	4.97	15.8	11.6	5.13	16.7	7.6	5.22	13.4	13.3	5.20	14.5	11.0	5.36	15.3	7.2	5.46
	29.4	16.2	16.0	4.71	17.1	14.5	4.86	17.8	10.9	4.95	15.2	15.2	4.98	16.0	14.0	5.14	16.6	10.5	5.24	13.9	13.9	5.21	14.7	13.2	5.38	15.3	10.0	5.48
	32.2	16.8	16.8	4.73	17.3	16.2	4.88	17.7	13.3	4.97	15.7	15.7	5.00	16.2	15.6	5.16	16.5	12.8	5.25	14.4	14.4	5.23	14.8	14.7	5.39	15.2	12.1	5.49
755	23.9	15.3	12.9	4.72	16.9	9.7	4.87	18.2	4.3	4.96	14.3	12.4	4.99	15.8	9.4	5.15	17.0	4.1	5.24	13.1	11.7	5.22	14.5	8.9	5.38	15.6	3.9	5.48
	26.7	16.0	14.8	4.73	17.2	12.2	4.88	18.2	8.0	4.97	14.9	14.2	5.00	16.1	11.8	5.16	17.0	7.7	5.26	13.7	13.4	5.23	14.8	11.1	5.40	15.6	7.3	5.50
	29.4	16.6	16.2	4.75	17.5	14.7	4.90	18.2	11.0	4.99	15.5	15.5	5.02	16.4	14.2	5.18	17.0	11.0	5.27	14.2	14.2	5.25	15.0	13.4	5.41	15.6	10.1	5.51
	32.2	17.1	17.0	4.76	17.7	16.3	4.91	18.1	13.4	5.00	16.0	16.0	5.03	16.5	15.7	5.19	16.9	13.4	5.29	14.7	14.7	5.26	15.2	14.9	5.43	15.5	12.3	5.53
831	23.9	15.7	13.8	4.75	17.3	10.5	4.90	18.6	4.6	4.99	14.6	13.3	5.02	16.2	10.1	5.18	17.4	4.4	5.28	13.4	12.6	5.25	14.8	9.5	5.42	16.0	4.2	5.52
	26.7	16.3	15.9	4.77	17.6	13.1	4.92	18.6	8.6	5.01	15.3	15.3	5.04	16.5	12.6	5.20	17.4	8.3	5.29	14.0	14.0	5.27	15.1	11.9	5.43	16.0	7.8	5.53
	29.4	17.0	17.0	4.78	17.9	15.8	4.93	18.6	11.9	5.02	15.9	15.9	5.05	16.7	15.2	5.21	17.4	11.4	5.31	14.5	14.5	5.28	15.3	14.4	5.45	15.9	10.8	5.55
	32.2	17.5	17.5	4.80	18.1	17.5	4.95	18.5	14.4	5.04	16.4	16.4	5.07	16.9	16.9	5.23	17.3	13.9	5.33	15.0	15.0	5.30	15.5	15.5	5.46	15.8	13.2	5.57
906	23.9	15.8	14.2	4.79	17.5	10.7	4.94	18.8	4.7	5.03	14.8	13.7	5.06	16.3	10.3	5.22	17.5	4.6	5.31	13.5	12.9	5.28	15.0	9.8	5.45	16.1	4.3	5.55
	26.7	16.5	16.3	4.80	17.8	13.4	4.95	18.8	8.8	5.04	15.4	15.4	5.07	16.6	12.9	5.23	17.5	8.5	5.33	14.1	14.1	5.30	15.2	12.2	5.47	16.1	8.0	5.57
	29.4	17.1	17.1	4.82	18.0	16.2	4.97	18.7	12.2	5.06	16.0	16.0	5.09	16.8	15.6	5.25	17.5	11.7	5.34	14.7	14.7	5.32	15.5	14.7	5.48	16.0	11.1	5.58
	32.2	17.7	17.7	4.83	18.2	18.0	4.98	18.6	14.8	5.07	16.5	16.5	5.10	17.0	17.0	5.26	17.4	14.3	5.36	15.1	15.1	5.33	15.6	15.6	5.50	16.0	13.5	5.60

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(Unit : kW)
5. SHC = Sensible Heat Capacity(Unit : kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0321CC/0325CC (English)

Outdoor	DB(°F)	85									95								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	34.1	26.6	2.31	37.7	20.2	2.39	40.6	8.9	2.43	32.9	27.1	2.55	36.4	20.5	2.63	39.1	9.1	2.68
	80	35.6	30.6	2.32	38.4	25.3	2.39	40.6	16.5	2.44	34.3	31.2	2.56	37.0	25.7	2.64	39.1	16.9	2.69
	85	36.9	33.5	2.33	39.0	30.4	2.40	40.5	22.9	2.45	35.6	34.2	2.57	37.6	31.0	2.65	39.0	23.3	2.70
	90	38.2	35.3	2.34	39.4	33.8	2.41	40.2	27.9	2.45	36.8	36.0	2.58	38.0	34.4	2.66	38.8	28.4	2.71
1080	75	35.9	28.6	2.33	39.7	21.6	2.41	42.7	9.5	2.45	34.6	29.1	2.57	38.3	22.0	2.65	41.2	9.7	2.70
	80	37.4	32.8	2.34	40.4	27.1	2.42	42.7	17.7	2.46	36.1	33.4	2.58	39.0	27.6	2.66	41.2	18.1	2.71
	85	38.9	35.9	2.35	41.0	32.6	2.42	42.6	24.5	2.47	37.5	36.6	2.59	39.5	33.2	2.67	41.1	25.0	2.72
	90	40.1	37.8	2.36	41.4	36.2	2.43	42.3	29.9	2.47	38.7	38.6	2.60	40.0	36.9	2.68	40.8	30.4	2.73
1200	75	36.7	31.7	2.35	40.5	24.0	2.43	43.6	10.6	2.47	35.4	32.3	2.60	39.1	24.5	2.68	42.0	10.8	2.73
	80	38.2	36.4	2.36	41.3	30.1	2.44	43.6	19.7	2.48	36.9	36.9	2.61	39.8	30.6	2.69	42.1	20.1	2.74
	85	39.7	39.7	2.37	41.9	36.2	2.44	43.5	27.2	2.49	38.3	38.3	2.62	40.4	36.9	2.70	41.9	27.8	2.75
	90	41.0	41.0	2.38	42.3	40.2	2.45	43.2	33.2	2.50	39.5	39.5	2.63	40.8	40.8	2.71	41.7	33.8	2.76
1320	75	37.5	31.0	2.37	41.4	23.4	2.45	44.5	10.3	2.49	36.1	31.5	2.61	40.0	23.9	2.70	43.0	10.5	2.75
	80	39.1	35.5	2.38	42.2	29.4	2.46	44.6	19.2	2.50	37.7	36.2	2.62	40.7	29.9	2.70	43.0	19.6	2.75
	85	40.6	39.0	2.39	42.8	35.4	2.46	44.4	26.6	2.51	39.1	39.1	2.63	41.3	36.0	2.71	42.9	27.1	2.76
	90	41.9	41.0	2.40	43.2	39.3	2.47	44.2	32.4	2.52	40.4	40.4	2.64	41.7	40.0	2.72	42.6	33.0	2.77
1440	75	37.8	31.8	2.39	41.8	24.1	2.47	44.9	10.6	2.52	36.4	32.4	2.63	40.3	24.5	2.72	43.3	10.8	2.77
	80	39.4	36.5	2.40	42.5	30.1	2.48	44.9	19.7	2.52	38.0	36.5	2.64	41.0	30.7	2.72	43.3	20.1	2.77
	85	40.9	40.0	2.41	43.1	36.3	2.48	44.8	27.3	2.53	39.4	39.4	2.65	41.6	37.0	2.73	43.2	27.8	2.78
	90	42.2	42.1	2.42	43.6	40.3	2.49	44.5	33.2	2.54	40.7	40.7	2.66	42.0	41.1	2.74	42.9	33.9	2.79

Outdoor	DB(°F)	105									115									125								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
960	75	31.1	25.9	2.75	34.4	19.6	2.83	37.0	8.7	2.89	29.1	25.0	2.91	32.2	18.9	3.00	34.6	8.4	3.05	26.7	23.6	3.04	29.5	17.9	3.14	31.7	7.9	3.19
	80	32.5	29.8	2.75	35.1	24.6	2.84	37.0	16.1	2.89	30.4	28.7	2.91	32.8	23.7	3.01	34.6	15.5	3.06	27.9	27.1	3.05	30.1	22.4	3.14	31.8	14.7	3.20
	85	33.7	32.6	2.76	35.6	29.6	2.85	36.9	22.3	2.90	31.5	31.4	2.92	33.2	28.5	3.02	34.5	21.5	3.07	28.9	28.9	3.06	30.5	27.0	3.15	31.7	20.3	3.21
	90	34.8	34.4	2.77	35.9	32.9	2.86	36.7	27.1	2.91	32.5	32.5	2.93	33.6	31.7	3.02	34.3	26.1	3.08	29.9	29.9	3.07	30.8	30.0	3.16	31.5	24.7	3.22
1080	75	32.8	27.8	2.77	36.2	21.1	2.85	38.9	9.3	2.91	30.6	26.8	2.93	33.8	20.3	3.02	36.4	9.0	3.07	28.1	25.3	3.06	31.0	19.2	3.16	33.4	8.5	3.21
	80	34.2	31.9	2.77	36.9	26.4	2.86	39.0	17.3	2.92	31.9	30.8	2.93	34.5	25.4	3.03	36.4	16.6	3.08	29.3	29.1	3.07	31.6	24.0	3.17	33.4	15.7	3.22
	85	35.5	35.0	2.78	37.4	31.8	2.87	38.8	23.9	2.92	33.1	33.1	2.94	35.0	30.6	3.04	36.3	23.0	3.09	30.4	30.4	3.08	32.1	28.9	3.18	33.3	21.8	3.23
	90	36.6	36.6	2.79	37.8	35.3	2.88	38.6	29.1	2.93	34.2	34.2	2.95	35.3	34.0	3.05	36.1	28.0	3.10	31.4	31.4	3.09	32.4	32.1	3.18	33.1	26.5	3.24
1200	75	33.5	30.9	2.79	37.0	23.4	2.87	39.8	10.3	2.93	31.3	29.8	2.95	34.6	22.5	3.04	37.2	9.9	3.09	28.7	28.1	3.08	31.7	21.3	3.18	34.1	9.4	3.24
	80	34.9	34.9	2.79	37.7	29.3	2.88	39.8	19.2	2.94	32.6	32.6	2.95	35.2	28.2	3.05	37.2	18.5	3.10	29.9	29.9	3.09	32.3	26.7	3.19	34.1	17.5	3.25
	85	36.2	36.2	2.80	38.2	35.3	2.89	39.7	26.5	2.94	33.9	33.9	2.96	35.7	34.0	3.06	37.1	26.3	3.11	31.1	31.1	3.10	32.7	32.1	3.20	34.0	24.2	3.26
	90	37.4	37.4	2.81	38.6	38.6	2.90	39.4	32.3	2.95	35.0	35.0	2.97	36.1	36.1	3.07	36.9	32.1	3.12	32.1	32.1	3.11	33.1	33.1	3.21	33.8	29.4	3.26
1320	75	34.2	30.1	2.81	37.8	22.8	2.89	40.7	10.1	2.95	32.0	29.0	2.97	35.3	22.0	3.06	38.0	9.7	3.12	29.3	27.5	3.10	32.4	20.8	3.20	34.9	9.2	3.26
	80	35.7	34.6	2.81	38.5	28.6	2.90	40.7	18.7	2.96	33.3	33.3	2.97	36.0	27.5	3.07	38.0	18.0	3.13	30.6	30.6	3.11	33.0	26.0	3.21	34.9	17.1	3.27
	85	37.0	37.0	2.82	39.0	34.4	2.91	40.6	25.9	2.97	34.6	34.6	2.98	36.5	33.2	3.08	37.9	25.0	3.13	31.7	31.7	3.12	33.5	31.4	3.22	34.8	23.6	3.28
	90	38.2	38.2	2.83	39.5	38.2	2.92	40.3	31.5	2.97	35.7	35.7	2.99	36.9	36.9	3.09	37.7	30.4	3.14	32.8	32.8	3.13	33.8	33.8	3.23	34.6	28.7	3.29
1440	75	34.5	30.9	2.83	38.1	23.4	2.92	41.0	10.3	2.97	32.2	29.8	2.99	35.6	22.6	3.08	38.3	10.0	3.14	29.5	28.2	3.12	32.7	21.3	3.22	35.1	9.4	3.28
	80	36.0	35.5	2.83	38.8	29.3	2.92	41.0	19.2	2.98	33.6	33.6	2.99	36.3	28.3	3.09	38.3	18.5	3.15	30.8	30.8	3.13	33.3	26.7	3.23	35.1	17.5	3.29
	85	37.3	37.3	2.84	39.4	35.3	2.93	40.9	26.6	2.99	34.9	34.9	3.00	36.8	34.0	3.10	38.2	25.6	3.16	32.0	32.0	3.14	33.7	32.2	3.24	35.0	24.2	3.30
	90	38.5	38.5	2.85	39.8	39.2	2.94	40.6	32.4	3.00	36.0	36.0	3.01	37.2	37.2	3.11	38.0	31.2	3.17	33.0	33.0	3.15	34.1	34.1	3.25	34.8	29.5	3.31

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(Unit : MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(Unit : MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0421CC (English)

Outdoor	DB(°F)	85									95								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1200	75	46.3	36.1	3.25	51.2	27.4	3.35	55.0	12.1	3.41	44.7	36.8	3.58	49.4	27.9	3.70	53.1	12.3	3.77
	80	48.3	41.5	3.26	52.1	34.3	3.36	55.1	22.4	3.42	46.6	42.3	3.59	50.3	34.9	3.71	53.1	22.9	3.78
	85	50.1	45.5	3.27	52.9	41.3	3.37	54.9	31.0	3.43	48.4	46.3	3.60	51.0	42.0	3.72	53.0	31.6	3.79
	90	51.8	47.9	3.28	53.4	45.8	3.38	54.6	37.8	3.44	49.9	48.8	3.62	51.5	46.7	3.73	52.6	38.5	3.80
1350	75	48.7	38.7	3.28	53.8	29.3	3.38	57.9	12.9	3.44	47.0	39.5	3.61	51.9	29.9	3.73	55.8	13.2	3.79
	80	50.8	44.5	3.29	54.8	36.7	3.39	57.9	24.1	3.45	49.0	45.3	3.62	52.9	37.4	3.74	55.9	24.5	3.81
	85	52.7	48.8	3.30	55.6	44.2	3.40	57.7	33.3	3.46	50.9	49.7	3.63	53.6	45.1	3.75	55.7	33.9	3.82
	90	54.5	51.3	3.31	56.2	49.2	3.41	57.4	40.5	3.47	52.5	52.3	3.64	54.2	50.1	3.76	55.4	41.3	3.83
1500	75	49.7	40.8	3.30	55.0	30.9	3.41	59.1	13.6	3.47	48.0	41.6	3.65	53.0	31.5	3.77	57.0	13.9	3.84
	80	51.9	46.8	3.31	56.0	38.7	3.42	59.1	25.3	3.48	50.1	47.7	3.66	54.0	39.4	3.78	57.1	25.8	3.85
	85	53.8	51.3	3.32	56.8	46.6	3.43	59.0	35.0	3.49	51.9	51.9	3.68	54.8	47.5	3.79	56.9	35.7	3.86
	90	55.6	54.1	3.33	57.4	51.8	3.44	58.6	42.7	3.50	53.7	53.7	3.69	55.4	52.7	3.80	56.5	43.5	3.87
1650	75	50.8	42.0	3.33	56.2	31.8	3.44	60.4	14.0	3.50	49.0	42.8	3.67	54.2	32.4	3.78	58.3	14.3	3.85
	80	53.0	48.2	3.34	57.2	39.8	3.45	60.5	26.1	3.51	51.2	49.1	3.68	55.2	40.6	3.79	58.3	26.6	3.87
	85	55.0	52.9	3.35	58.0	48.0	3.46	60.3	36.1	3.52	53.1	53.1	3.69	56.0	48.9	3.81	58.2	36.8	3.88
	90	56.9	55.7	3.36	58.7	53.3	3.47	59.9	43.9	3.53	54.8	54.8	3.70	56.6	54.3	3.82	57.8	44.8	3.89
1800	75	51.2	43.1	3.36	56.6	32.6	3.47	60.9	14.4	3.53	49.4	43.9	3.70	54.6	33.3	3.81	58.8	14.7	3.88
	80	53.5	49.5	3.37	57.7	40.9	3.48	60.9	26.8	3.54	51.6	49.5	3.71	55.6	41.7	3.82	58.8	27.3	3.89
	85	55.5	54.2	3.38	58.5	49.2	3.49	60.8	37.0	3.55	53.5	53.5	3.72	56.4	50.2	3.84	58.6	37.7	3.91
	90	57.3	57.1	3.39	59.1	54.7	3.50	60.4	45.1	3.56	55.3	55.3	3.73	57.0	55.7	3.85	58.3	46.0	3.92

Outdoor	DB(°F)	105									115									125								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1200	75	42.3	35.2	3.85	46.7	26.6	3.98	50.2	11.8	4.05	39.5	33.9	4.08	43.7	25.7	4.21	46.9	11.3	4.29	36.2	32.0	4.27	40.1	24.3	4.40	43.1	10.7	4.48
	80	44.1	40.4	3.87	47.6	33.4	3.99	50.3	21.8	4.06	41.2	38.9	4.09	44.4	32.1	4.22	47.0	21.1	4.30	37.8	36.8	4.28	40.8	30.4	4.41	43.1	19.9	4.50
	85	45.8	44.3	3.88	48.2	40.2	4.00	50.1	30.2	4.07	42.8	42.7	4.10	45.1	38.7	4.23	46.8	29.1	4.31	39.2	39.2	4.29	41.4	36.6	4.43	43.0	27.5	4.51
	90	47.3	46.6	3.89	48.8	44.6	4.01	49.8	36.8	4.09	44.2	44.2	4.12	45.6	43.0	4.25	46.5	35.5	4.32	40.5	40.5	4.30	41.8	40.7	4.44	42.7	33.5	4.52
1350	75	44.4	37.7	3.88	49.1	28.6	4.01	52.8	12.6	4.08	41.5	36.4	4.11	45.9	27.5	4.24	49.4	12.2	4.31	38.1	34.4	4.29	42.1	26.0	4.43	45.3	11.5	4.51
	80	46.4	43.3	3.89	50.0	35.8	4.02	52.9	23.4	4.09	43.3	41.7	4.12	46.7	34.5	4.25	49.4	22.6	4.33	39.8	39.5	4.31	42.9	32.6	4.44	45.3	21.3	4.53
	85	48.1	47.5	3.91	50.7	43.1	4.03	52.7	32.4	4.10	45.0	45.0	4.13	47.4	41.5	4.26	49.3	31.2	4.34	41.3	41.3	4.32	43.5	39.2	4.46	45.2	29.5	4.54
	90	49.7	49.7	3.92	51.3	47.9	4.04	52.4	39.5	4.12	46.4	46.4	4.14	47.9	46.1	4.27	49.0	38.0	4.35	42.6	42.6	4.33	44.0	43.6	4.47	44.9	35.9	4.55
1500	75	45.4	39.7	3.91	50.2	30.1	4.03	54.0	13.3	4.11	42.4	38.3	4.13	46.9	29.0	4.27	50.4	12.8	4.34	38.9	36.2	4.32	43.0	27.4	4.46	46.3	12.1	4.54
	80	47.4	45.6	3.92	51.1	37.7	4.05	54.0	24.7	4.12	44.3	44.0	4.15	47.7	36.3	4.28	50.5	23.8	4.36	40.6	40.6	4.34	43.8	34.3	4.47	46.3	22.5	4.56
	85	49.2	49.2	3.93	51.8	45.4	4.06	53.8	34.1	4.13	45.9	45.9	4.16	48.4	43.7	4.29	50.3	33.9	4.37	42.1	42.1	4.35	44.4	41.3	4.49	46.1	31.1	4.57
	90	50.8	50.8	3.95	52.4	50.4	4.07	53.5	41.5	4.15	47.4	47.4	4.17	49.0	48.6	4.30	50.0	41.3	4.38	43.5	43.5	4.36	44.9	44.9	4.50	45.9	37.8	4.58
1650	75	46.4	40.9	3.94	51.3	31.0	4.06	55.2	13.7	4.14	43.4	39.4	4.16	47.9	29.8	4.29	51.5	13.2	4.37	39.8	37.2	4.35	44.0	28.2	4.49	47.3	12.4	4.57
	80	48.4	47.0	3.95	52.2	38.8	4.08	55.2	25.4	4.15	45.2	45.2	4.18	48.8	37.4	4.31	51.6	24.5	4.39	41.5	41.5	4.36	44.8	35.3	4.50	47.3	23.1	4.59
	85	50.2	50.2	3.96	53.0	46.7	4.09	55.0	35.1	4.16	47.0	47.0	4.19	49.5	45.0	4.32	51.4	33.9	4.40	43.1	43.1	4.38	45.4	42.5	4.52	47.2	32.0	4.60
	90	51.9	51.9	3.97	53.5	51.9	4.10	54.7	42.8	4.18	48.5	48.5	4.20	50.0	50.0	4.33	51.1	41.2	4.41	44.5	44.5	4.39	45.9	45.9	4.53	46.9	39.0	4.61
1800	75	46.8	42.0	3.97	51.7	31.8	4.09	55.6	14.0	4.17	43.7	40.4	4.19	48.3	30.6	4.32	51.9	13.5	4.40	40.1	38.2	4.38	44.3	28.9	4.52	47.7	12.8	4.60
	80	48.8	48.2	3.98	52.6	39.8	4.10	55.6	26.1	4.18	45.6	45.6	4.20	49.2	38.4	4.34	52.0	25.1	4.42	41.8	41.8	4.39	45.1	36.3	4.53	47.7	23.7	4.61
	85	50.6	50.6	3.99	53.4	47.9	4.12	55.5	36.1	4.19	47.3	47.3	4.22	49.9	46.2	4.35	51.8	34.7	4.43	43.4	43.4	4.41	45.8	43.7	4.54	47.5	32.8	4.63
	90	52.3	52.3	4.00	54.0	53.3	4.13	55.1	43.9	4.21	48.9	48.9	4.23	50.4	50.4	4.36	51.5	42.3	4.44	44.8	44.8	4.42	46.3	46.3	4.56	47.3	40.0	4.64

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(Unit : MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(Unit : MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0425CC (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1240	75	46.3	36.1	3.25	51.2	27.4	3.35	55.0	12.1	3.41	44.7	36.8	3.58	49.4	27.9	3.70	53.1	12.3	3.77
	80	48.3	41.5	3.26	52.1	34.3	3.36	55.1	22.4	3.42	46.6	42.3	3.59	50.3	34.9	3.71	53.1	22.9	3.78
	85	50.1	45.5	3.27	52.9	41.3	3.37	54.9	31.0	3.43	48.4	46.3	3.60	51.0	42.0	3.72	53.0	31.6	3.79
	90	51.8	47.9	3.28	53.4	45.8	3.38	54.6	37.8	3.44	49.9	48.8	3.62	51.5	46.7	3.73	52.6	38.5	3.80
1395	75	48.7	38.7	3.28	53.8	29.3	3.38	57.9	12.9	3.44	47.0	39.5	3.61	51.9	29.9	3.73	55.8	13.2	3.79
	80	50.8	44.5	3.29	54.8	36.7	3.39	57.9	24.1	3.45	49.0	45.3	3.62	52.9	37.4	3.74	55.9	24.5	3.81
	85	52.7	48.8	3.30	55.6	44.2	3.40	57.7	33.3	3.46	50.9	49.7	3.63	53.6	45.1	3.75	55.7	33.9	3.82
	90	54.5	51.3	3.31	56.2	49.2	3.41	57.4	40.5	3.47	52.5	52.3	3.64	54.2	50.1	3.76	55.4	41.3	3.83
1550	75	49.7	40.8	3.30	55.0	30.9	3.41	59.1	13.6	3.47	48.0	41.6	3.65	53.0	31.5	3.77	57.0	13.9	3.84
	80	51.9	46.8	3.31	56.0	38.7	3.42	59.1	25.3	3.48	50.1	47.7	3.66	54.0	39.4	3.78	57.1	25.8	3.85
	85	53.8	51.3	3.32	56.8	46.6	3.43	59.0	35.0	3.49	51.9	51.9	3.68	54.8	47.5	3.79	56.9	35.7	3.86
	90	55.6	54.1	3.33	57.4	51.8	3.44	58.6	42.7	3.50	53.7	53.7	3.69	55.4	52.7	3.80	56.5	43.5	3.87
1705	75	50.8	42.0	3.33	56.2	31.8	3.44	60.4	14.0	3.50	49.0	42.8	3.67	54.2	32.4	3.78	58.3	14.3	3.85
	80	53.0	48.2	3.34	57.2	39.8	3.45	60.5	26.1	3.51	51.2	49.1	3.68	55.2	40.6	3.79	58.3	26.6	3.87
	85	55.0	52.9	3.35	58.0	48.0	3.46	60.3	36.1	3.52	53.1	53.1	3.69	56.0	48.9	3.81	58.2	36.8	3.88
	90	56.9	55.7	3.36	58.7	53.3	3.47	59.9	43.9	3.53	54.8	54.8	3.70	56.6	54.3	3.82	57.8	44.8	3.89
1860	75	51.2	43.1	3.36	56.6	32.6	3.47	60.9	14.4	3.53	49.4	43.9	3.70	54.6	33.3	3.81	58.8	14.7	3.88
	80	53.5	49.5	3.37	57.7	40.9	3.48	60.9	26.8	3.54	51.6	49.5	3.71	55.6	41.7	3.82	58.8	27.3	3.89
	85	55.5	54.2	3.38	58.5	49.2	3.49	60.8	37.0	3.55	53.5	53.5	3.72	56.4	50.2	3.84	58.6	37.7	3.91
	90	57.3	57.1	3.39	59.1	54.7	3.50	60.4	45.1	3.56	55.3	55.3	3.73	57.0	55.7	3.85	58.3	46.0	3.92

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1240	75	42.3	35.2	3.85	46.7	26.6	3.98	50.2	11.8	4.05	39.5	33.9	4.08	43.7	25.7	4.21	46.9	11.3	4.29	36.2	32.0	4.27	40.1	24.3	4.40	43.1	10.7	4.48
	80	44.1	40.4	3.87	47.6	33.4	3.99	50.3	21.8	4.06	41.2	38.9	4.09	44.4	32.1	4.22	47.0	21.1	4.30	37.8	36.8	4.28	40.8	30.4	4.41	43.1	19.9	4.50
	85	45.8	44.3	3.88	48.2	40.2	4.00	50.1	30.2	4.07	42.8	42.7	4.10	45.1	38.7	4.23	46.8	29.1	4.31	39.2	39.2	4.29	41.4	36.6	4.43	43.0	27.5	4.51
	90	47.3	46.6	3.89	48.8	44.6	4.01	49.8	36.8	4.09	44.2	44.2	4.12	45.6	43.0	4.25	46.5	35.5	4.32	40.5	40.5	4.30	41.8	40.7	4.44	42.7	33.5	4.52
1395	75	44.4	37.7	3.88	49.1	28.6	4.01	52.8	12.6	4.08	41.5	36.4	4.11	45.9	27.5	4.24	49.4	12.2	4.31	38.1	34.4	4.29	42.1	26.0	4.43	45.3	11.5	4.51
	80	46.4	43.3	3.89	50.0	35.8	4.02	52.9	23.4	4.09	43.3	41.7	4.12	46.7	34.5	4.25	49.4	22.6	4.33	39.8	39.5	4.31	42.9	32.6	4.44	45.3	21.3	4.53
	85	48.1	47.5	3.91	50.7	43.1	4.03	52.7	32.4	4.10	45.0	45.0	4.13	47.4	41.5	4.26	49.3	31.2	4.34	41.3	41.3	4.32	43.5	39.2	4.46	45.2	29.5	4.54
	90	49.7	49.7	3.92	51.3	47.9	4.04	52.4	39.5	4.12	46.4	46.4	4.14	47.9	46.1	4.27	49.0	38.0	4.35	42.6	42.6	4.33	44.0	43.6	4.47	44.9	35.9	4.55
1550	75	45.4	39.7	3.91	50.2	30.1	4.03	54.0	13.3	4.11	42.4	38.3	4.13	46.9	29.0	4.27	50.4	12.8	4.34	38.9	36.2	4.32	43.0	27.4	4.46	46.3	12.1	4.54
	80	47.4	45.6	3.92	51.1	37.7	4.05	54.0	24.7	4.12	44.3	44.0	4.15	47.7	36.3	4.28	50.5	23.8	4.36	40.6	40.6	4.34	43.8	34.3	4.47	46.3	22.5	4.56
	85	49.2	49.2	3.93	51.8	45.4	4.06	53.8	34.1	4.13	45.9	45.9	4.16	48.4	43.7	4.29	50.3	33.9	4.37	42.1	42.1	4.35	44.4	41.3	4.49	46.1	31.1	4.57
	90	50.8	50.8	3.95	52.4	50.4	4.07	53.5	41.5	4.15	47.4	47.4	4.17	49.0	48.6	4.30	50.0	41.3	4.38	43.5	43.5	4.36	44.9	44.9	4.50	45.9	37.8	4.58
1705	75	46.4	40.9	3.94	51.3	31.0	4.06	55.2	13.7	4.14	43.4	39.4	4.16	47.9	29.8	4.29	51.5	13.2	4.37	39.8	37.2	4.35	44.0	28.2	4.49	47.3	12.4	4.57
	80	48.4	47.0	3.95	52.2	38.8	4.08	55.2	25.4	4.15	45.2	45.2	4.18	48.8	37.4	4.31	51.6	24.5	4.39	41.5	41.5	4.36	44.8	35.3	4.50	47.3	23.1	4.59
	85	50.2	50.2	3.96	53.0	46.7	4.09	55.0	35.1	4.16	47.0	47.0	4.19	49.5	45.0	4.32	51.4	33.9	4.40	43.1	43.1	4.38	45.4	42.5	4.52	47.2	32.0	4.60
	90	51.9	51.9	3.97	53.5	51.9	4.10	54.7	42.8	4.18	48.5	48.5	4.20	50.0	50.0	4.33	51.1	41.2	4.41	44.5	44.5	4.39	45.9	45.9	4.53	46.9	39.0	4.61
1860	75	46.8	42.0	3.97	51.7	31.8	4.09	55.6	14.0	4.17	43.7	40.4	4.19	48.3	30.6	4.32	51.9	13.5	4.40	40.1	38.2	4.38	44.3	28.9	4.52	47.7	12.8	4.60
	80	48.8	48.2	3.98	52.6	39.8	4.10	55.6	26.1	4.18	45.6	45.6	4.20	49.2	38.4	4.34	52.0	25.1	4.42	41.8	41.8	4.39	45.1	36.3	4.53	47.7	23.7	4.61
	85	50.6	50.6	3.99	53.4	47.9	4.12	55.5	36.1	4.19	47.3	47.3	4.22	49.9	46.2	4.35	51.8	34.7	4.43	43.4	43.4	4.41	45.8	43.7	4.54	47.5	32.8	4.63
	90	52.3	52.3	4.00	54.0	53.3	4.13	55.1	43.9	4.21	48.9	48.9	4.23	50.4	50.4	4.36	51.5	42.3	4.44	44.8	44.8	4.42	46.3	46.3	4.56	47.3	40.0	4.64

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(Unit : MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(Unit : MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0521CC/0525CC (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	53.3	41.6	3.92	59.0	31.5	4.04	63.4	13.9	4.12	51.4	42.4	4.32	56.9	32.1	4.46	61.1	14.2	4.54
	80	55.6	47.8	3.93	60.0	39.5	4.06	63.4	25.8	4.13	53.7	48.7	4.34	57.9	40.2	4.47	61.2	26.3	4.56
	85	57.7	52.4	3.94	60.9	47.5	4.07	63.2	35.7	4.14	55.7	53.4	4.35	58.7	48.4	4.49	61.0	36.4	4.57
	90	59.6	55.1	3.96	61.5	52.8	4.08	62.9	43.5	4.16	57.5	56.2	4.36	59.4	53.8	4.50	60.6	44.4	4.58
1440	75	56.1	44.6	3.95	62.0	33.8	4.08	66.7	14.9	4.15	54.1	45.5	4.36	59.8	34.4	4.50	64.3	15.2	4.58
	80	58.5	51.2	3.97	63.1	42.3	4.09	66.7	27.7	4.17	56.5	52.2	4.37	60.9	43.1	4.51	64.3	28.2	4.59
	85	60.7	56.2	3.98	64.0	51.0	4.10	66.5	38.3	4.18	58.6	57.2	4.38	61.8	51.9	4.52	64.2	39.1	4.61
	90	62.7	59.1	3.99	64.7	56.6	4.12	66.1	46.7	4.19	60.5	60.3	4.40	62.4	57.7	4.54	63.8	47.6	4.62
1600	75	57.3	45.1	3.99	63.3	34.1	4.11	68.1	15.1	4.19	55.3	45.9	4.41	61.1	34.8	4.55	65.7	15.3	4.63
	80	59.8	51.7	4.00	64.5	42.7	4.13	68.1	28.0	4.20	57.7	52.7	4.42	62.2	43.5	4.56	65.7	28.5	4.65
	85	62.0	56.7	4.01	65.4	51.5	4.14	67.9	38.7	4.21	59.8	57.8	4.43	63.1	52.4	4.57	65.5	39.4	4.66
	90	64.1	59.7	4.02	66.1	57.2	4.15	67.5	47.1	4.23	61.8	60.8	4.45	63.8	58.3	4.59	65.1	48.0	4.67
1760	75	58.6	48.4	4.02	64.7	36.6	4.15	69.6	16.2	4.23	56.5	49.3	4.43	62.5	37.3	4.57	67.1	16.5	4.65
	80	61.1	55.5	4.03	65.9	45.9	4.16	69.6	30.0	4.24	58.9	56.6	4.44	63.6	46.7	4.58	67.2	30.6	4.66
	85	63.4	60.9	4.05	66.9	55.2	4.17	69.4	41.6	4.25	61.2	61.2	4.45	64.5	56.3	4.59	67.0	42.3	4.68
	90	65.5	64.1	4.06	67.6	61.4	4.19	69.0	50.6	4.26	63.2	63.2	4.47	65.2	62.6	4.61	66.6	51.6	4.69
1920	75	59.0	49.6	4.06	65.2	37.6	4.18	70.1	16.6	4.26	56.9	50.6	4.46	62.9	38.3	4.60	67.7	16.9	4.69
	80	61.6	57.0	4.07	66.4	47.1	4.20	70.2	30.8	4.27	59.4	57.0	4.47	64.1	48.0	4.61	67.7	31.4	4.70
	85	63.9	62.5	4.08	67.4	56.7	4.21	70.0	42.6	4.29	61.6	61.6	4.49	65.0	57.8	4.63	67.5	43.5	4.71
	90	66.0	65.8	4.09	68.1	63.0	4.22	69.6	51.9	4.30	63.7	63.7	4.50	65.7	64.2	4.64	67.1	52.9	4.73

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1280	75	48.7	40.5	4.65	53.8	30.7	4.80	57.9	13.5	4.89	45.5	39.0	4.92	50.3	29.6	5.08	54.1	13.1	5.17	41.7	36.9	5.15	46.1	27.9	5.31	49.6	12.3	5.41
	80	50.8	46.5	4.66	54.8	38.4	4.81	57.9	25.2	4.90	47.5	44.8	4.94	51.2	37.0	5.09	54.1	24.3	5.19	43.5	42.4	5.16	47.0	35.0	5.33	49.6	22.9	5.43
	85	52.7	51.0	4.68	55.6	46.3	4.83	57.7	34.8	4.92	49.3	49.1	4.95	51.9	44.6	5.11	53.9	33.5	5.20	45.2	45.2	5.18	47.6	42.2	5.34	49.5	31.7	5.44
	90	54.4	53.7	4.69	56.2	51.4	4.84	57.4	42.4	4.93	50.9	50.9	4.97	52.5	49.5	5.12	53.6	40.8	5.22	46.7	46.7	5.19	48.2	46.8	5.36	49.2	38.6	5.46
1440	75	51.2	43.4	4.68	56.6	32.9	4.83	60.9	14.5	4.92	47.8	41.9	4.95	52.9	31.7	5.11	56.9	14.0	5.21	43.9	39.6	5.18	48.5	30.0	5.35	52.2	13.2	5.44
	80	53.4	49.9	4.70	57.6	41.2	4.85	60.9	27.0	4.94	49.9	48.1	4.97	53.8	39.7	5.13	56.9	26.0	5.22	45.8	45.4	5.20	49.4	37.5	5.36	52.2	24.6	5.46
	85	55.4	54.7	4.71	58.4	49.6	4.86	60.7	37.3	4.95	51.8	51.8	4.98	54.6	47.8	5.14	56.7	36.0	5.24	47.5	47.5	5.21	50.1	45.2	5.38	52.0	34.0	5.48
	90	57.2	57.2	4.73	59.1	55.1	4.88	60.3	45.4	4.97	53.5	53.5	5.00	55.2	53.1	5.16	56.4	43.8	5.25	49.1	49.1	5.23	50.6	50.2	5.39	51.7	41.4	5.49
1600	75	52.3	43.9	4.72	57.8	33.2	4.87	62.2	14.7	4.96	48.9	42.3	4.99	54.0	32.0	5.15	58.1	14.1	5.24	44.8	40.0	5.22	49.6	30.3	5.38	53.3	13.4	5.48
	80	54.6	50.4	4.73	58.9	41.6	4.88	62.2	27.2	4.97	51.0	48.5	5.00	55.0	40.1	5.16	58.1	26.3	5.26	46.8	45.9	5.23	50.5	37.9	5.40	53.3	24.8	5.50
	85	56.6	55.2	4.75	59.7	50.1	4.90	62.0	37.7	4.99	52.9	52.9	5.02	55.8	48.3	5.18	57.9	37.4	5.27	48.5	48.5	5.25	51.2	45.6	5.41	53.2	34.3	5.51
	90	58.5	58.1	4.76	60.3	55.7	4.91	61.6	45.9	5.00	54.6	54.6	5.03	56.4	53.6	5.19	57.6	45.6	5.29	50.1	50.1	5.26	51.7	50.7	5.43	52.8	41.8	5.53
1760	75	53.5	47.1	4.75	59.1	35.7	4.90	63.5	15.7	4.99	50.0	45.4	5.02	55.2	34.4	5.18	59.4	15.2	5.28	45.8	42.9	5.25	50.7	32.5	5.42	54.5	14.3	5.52
	80	55.8	54.1	4.77	60.2	44.7	4.92	63.6	29.3	5.01	52.1	52.1	5.04	56.2	43.0	5.20	59.4	28.2	5.29	47.8	47.8	5.27	51.6	40.7	5.43	54.5	26.6	5.53
	85	57.9	57.9	4.78	61.0	53.8	4.93	63.4	40.5	5.02	54.1	54.1	5.05	57.0	51.8	5.21	59.2	39.0	5.31	49.6	49.6	5.28	52.3	49.0	5.45	54.3	36.9	5.55
	90	59.8	59.8	4.80	61.7	59.8	4.95	63.0	49.3	5.04	55.9	55.9	5.07	57.6	57.6	5.23	58.9	47.5	5.33	51.2	51.2	5.30	52.9	52.9	5.46	54.0	44.9	5.57
1920	75	53.9	48.3	4.79	59.6	36.6	4.94	64.0	16.2	5.03	50.3	46.6	5.06	55.7	35.3	5.22	59.8	15.6	5.31	46.2	44.0	5.28	51.1	33.3	5.45	54.9	14.7	5.55
	80	56.2	55.5	4.80	60.6	45.8	4.95	64.1	30.0	5.04	52.5	52.5	5.07	56.7	44.2	5.23	59.9	28.9	5.33	48.2	48.2	5.30	52.0	41.8	5.47	54.9	27.3	5.57
	85	58.3	58.3	4.82	61.5	55.2	4.97	63.9	41.5	5.06	54.5	54.5	5.09	57.5	53.2	5.25	59.7	40.0	5.34	50.0	50.0	5.32	52.7	50.3	5.48	54.8	37.8	5.58
	90	60.2	60.2	4.83	62.2	61.3	4.98	63.5	50.6	5.07	56.3	56.3	5.10	58.1	58.1	5.26	59.3	48.7	5.36	51.6	51.6	5.33	53.3	53.3	5.50	54.4	46.1	5.60

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(Unit : MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(Unit : MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Evaporator Fan Performance Data LK-0321CC/0325CC (SI)

l/s	High Speed		Low Speed	
	ESP(mm Aq.)	BkW	ESP(mm Aq.)	BkW
425	23.62	0.22	17.54	0.20
472	21.11	0.23	14.60	0.22
519	18.59	0.25	11.66	0.23
566	16.08	0.27	8.73	0.24
614	13.56	0.28	5.79	0.25
661	11.04	0.30	2.85	0.27
708	8.53	0.32	-	-
755	6.01	0.34	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0321CC/0325CC (English)

CFM	High Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
900	0.93	0.29	0.69	0.27
1,000	0.83	0.31	0.57	0.29
1,100	0.73	0.34	0.46	0.31
1,200	0.63	0.36	0.34	0.32
1,300	0.53	0.38	0.23	0.34
1,400	0.43	0.40	0.11	0.36
1,500	0.34	0.43	-	-
1,600	0.24	0.45	-	-

• Fan motor heat(MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0421C/0425CC (SI)

l/s	High Speed		Low Speed	
	ESP(mm Aq.)	BkW	ESP(mm Aq.)	BkW
566	21.23	0.29	16.85	0.26
614	18.66	0.31	13.90	0.28
661	16.09	0.32	10.96	0.30
708	13.51	0.34	8.01	0.31
755	10.94	0.35	5.07	0.33
802	8.37	0.37	2.12	0.34
849	5.80	0.39	-	-
897	3.22	0.40	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0421C/0425CC (English)

CFM	High Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1,200	0.84	0.39	0.66	0.35
1,300	0.73	0.41	0.55	0.37
1,400	0.63	0.43	0.43	0.40
1,500	0.53	0.45	0.32	0.42
1,600	0.43	0.47	0.20	0.44
1,700	0.33	0.49	0.08	0.46
1,800	0.23	0.52	-	-
1,900	0.13	0.54	-	-

• Fan motor heat(MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0521CC/0525CC (SI)

l/s	High Speed		Low Speed	
	ESP(mm Aq.)	BkW	ESP(mm Aq.)	BkW
614	16.83	0.32	13.84	0.28
661	14.68	0.34	11.33	0.31
708	12.53	0.35	8.81	0.32
755	10.39	0.37	6.29	0.34
802	8.24	0.39	3.77	0.35
849	6.09	0.40	1.25	0.37
897	3.94	0.42	-	-
944	1.79	0.43	-	-

• Fan motor heat (kW) = 2 x Fan BkW
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance Data LK-0521CC/0525CC (English)

CFM	High Speed		Low Speed	
	ESP(in.Aq.)	BHP	ESP(in.Aq.)	BHP
1,300	0.66	0.43	0.55	0.38
1,400	0.58	0.45	0.45	0.41
1,500	0.49	0.47	0.35	0.43
1,600	0.41	0.49	0.25	0.45
1,700	0.32	0.52	0.15	0.47
1,800	0.24	0.54	0.05	0.50
1,900	0.16	0.56	-	-
2,000	0.07	0.58	-	-

• Fan motor heat(MBH)= 5.09 x Fan BHP
• Test Condition: ❶ Voltage : 220V
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Accessory Static Pressure Drops

Model No.	CFM	l/s	Standard Filter		Electric Heater							
					5KW		9KW		10KW		15KW	
			in. Aq.	mm Aq.	in. Aq.	mm Aq.	in. Aq.	mm Aq.	in. Aq.	mm Aq.	in. Aq.	mm Aq.
LK-0321CC LK-0325CC	960	453	0.02	0.51	0.01	0.25	-	-	0.01	0.25	0.02	0.51
	1200	566	0.03	0.76	0.01	0.25	-	-	0.01	0.25	0.02	0.51
	1440	680	0.03	0.76	0.02	0.51	-	-	0.02	0.51	0.03	0.76
LK-0421CC LK-0425CC	1200	566	0.03	0.76	0.01	0.25	-	-	0.01	0.25	0.03	0.76
	1500	708	0.03	0.76	0.02	0.51	-	-	0.02	0.51	0.04	1.02
	1800	849	0.05	1.27	0.03	0.76	-	-	0.04	1.02	0.07	1.78
LK-0521CC LK-0525CC	1280	604	0.03	0.76	0.02	0.51	-	-	0.02	0.51	0.03	0.76
	1600	755	0.05	1.27	0.03	0.76	-	-	0.04	1.02	0.06	1.52
	1920	906	0.07	1.78	0.04	1.02	-	-	0.05	1.27	0.09	2.29

Electric Heating Capacity

Model No.	Total		No. of Stages	Stage 1	
	Input(kw)	Output(MBH)		Input(kw)	Output(MBH)
LK-0321CC/LK-0325CC	5	17.07	1	5	17.07
	10	34.14	1	10	34.14
	15	68.28	1	15	68.28
LK-0421CC/LK-0425CC	5	17.07	1	5	17.07
	10	34.14	1	10	34.14
	15	68.28	1	15	68.28
LK-0521CC/LK-0525CC	5	17.07	1	5	17.07
	10	34.14	1	10	34.14
	15	68.28	1	15	68.28

Note: 1. The output ratings shown above is at 240V.
For other voltage, Output = Capacity Multiplier x Rated Output
2. E/heater Voltage range is 208~240V.

Voltage	Capacity Multiplier
208	0.75
220	0.84
230	0.92
240	1.00

Air Temperature Rise Across Electric Heater(°F)

Capacity	Stage	LK-0321CC LK-0325CC (1200CFM)	LK-0421CC (1500CFM)	LK-0425CC (1550CFM)	LK-0521CC LK-0525CC (1600CFM)
5kW	1	13.2	10.5	10.2	9.9
9kW	1	-	-	-	-
10kW	1	26.3	21.1	20.4	19.8
15kW	1	39.5	31.6	30.6	29.6

• Temp. Rise across Electric Heater $= \frac{(KW \times 3413)}{(1.08 \times CFM)}$

• If you want to take temp rise at different airflow use above equation.

10. Electrical data

Electrical Data Unit Wiring

Tons	Model No.	Unit Operating Voltage Range	Standard indoor fan motor		
			*M.C.A.	*M.F.S.	*M.C.B
3	LK-0321CC LK-0325CC	187~253	26.6	30.0	30.0
4	LK-0421CC LK-0425CC	187~253	31.4	40.0	40.0
5	LK-0521CC LK-0525CC	187~253	39.5	50.0	50.0

Note: *M.C.A.: Minimum Circuit Ampacity
*M.F.S.: Maximum Fuse Size
*M.C.B.: Maximum Circuit Breaker
*:The values depend on the model.

Electrical Data Unit Wiring with Electric Heating

Model No.	HEATER MODEL NO.	HEATER CAPACITY(kW)	POWER SUPPLY	Standard indoor fan motor		
				*M.C.A.	*M.F.S.	*M.C.B
LK-0321CC LK-0325CC	LKAEH0521	5	220V / 60Hz / 1Ø	28.5	40.0	40.0
	LKAEH1021	10		54.6	60.0	60.0
	LKAEH1521	15		80.6	90.0	90.0
LK-0421CC LK-0425CC	LKAEH0521	5	220V / 60Hz / 1Ø	29.0	40.0	40.0
	LKAEH1021	10		55.1	60.0	60.0
	LKAEH1521	15		81.1	90.0	90.0
LK-0521CC LK-0525CC	LKAEH0521	5	220V / 60Hz / 1Ø	29.1	40.0	40.0
	LKAEH1021	10		55.2	60.0	60.0
	LKAEH1521	15		81.2	90.0	90.0

Note: ❶ The heater Capacity shown above is at 240V.
❷ Voltage range is 208~240V.
*M.C.A.: Minimum Circuit Ampacity
*M.F.S.: Maximum Fuse Size
*M.C.B.: Maximum Circuit Breaker
* : The values depend on the model.

Electrical Characteristics --- Evaporator Fan Motor --- 60 Hz

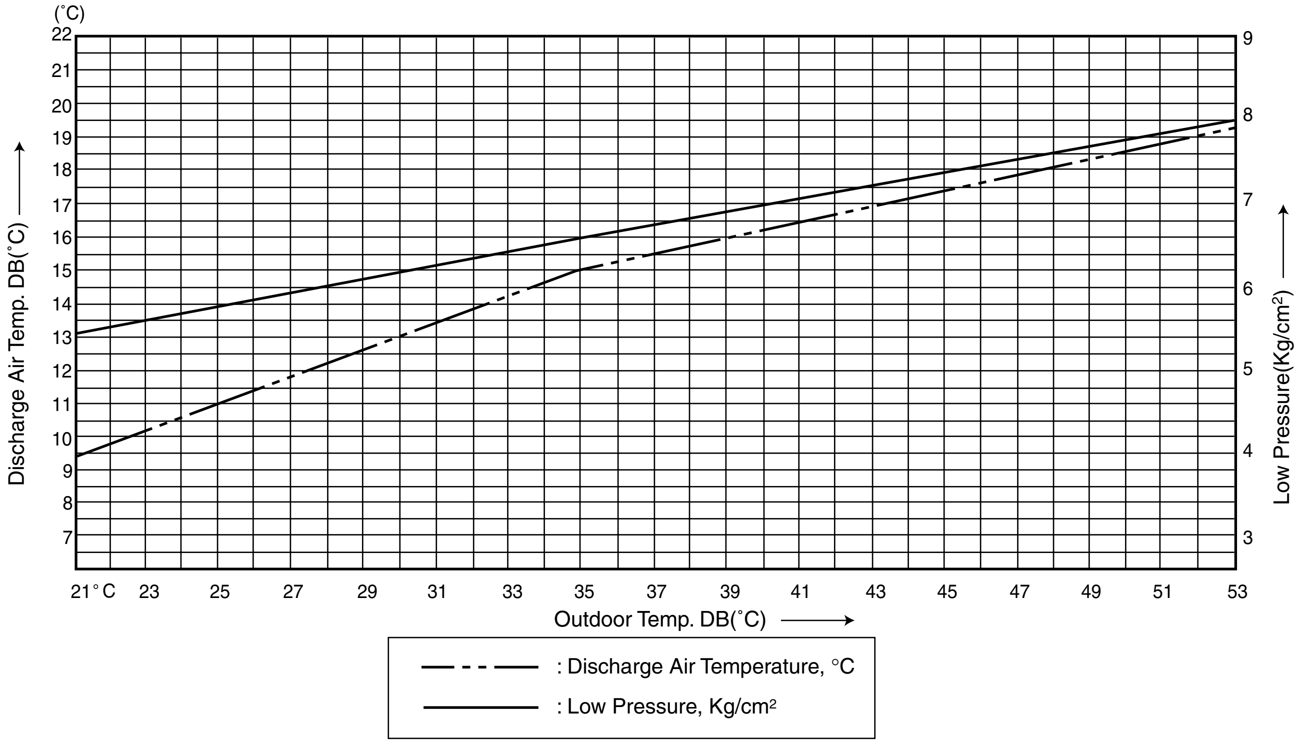
Model No.	Standard indoor fan motor					
	No	Volts	Phase	HP	FLA	LRA
LK-0321CC LK-0325CC	1	220	1	0.30	2.5	4.0
LK-0421CC LK-0425CC	1	220	1	0.40	3.0	7.0
LK-0521CC LK-0525CC	1	220	1	0.50	3.1	8.0

Electrical Characteristics --- Compressor and Outdoor Fan Motor --- 60 Hz

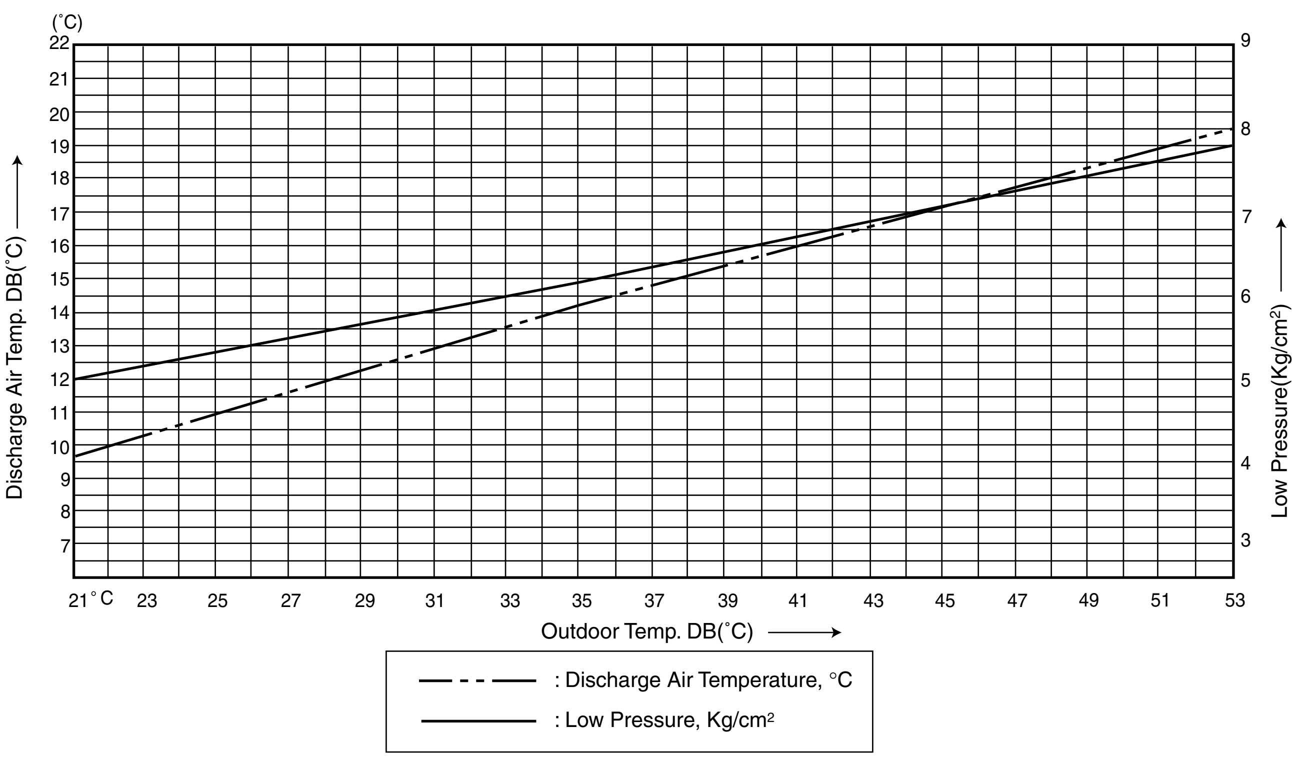
Model No.	COMPRESSOR						OUTDOOR FAN MOTOR					
	No	Volts	Phase	HP	FLA	LRA	No	Volts	Phase	HP	FLA	LRA
LK-0321CC LK-0325CC	1	208~230	1	3.0	17.9	88	2	220	1	0.15	0.9	14
LK-0421CC LK-0425CC	1	208~230	1	4.0	21.4	131	2	220	1	0.15	0.9	14
LK-0521CC LK-0525CC	1	208~230	1	4.5	28.0	169	2	220	1	0.15	0.9	14

11. Temperature, Pressure chart

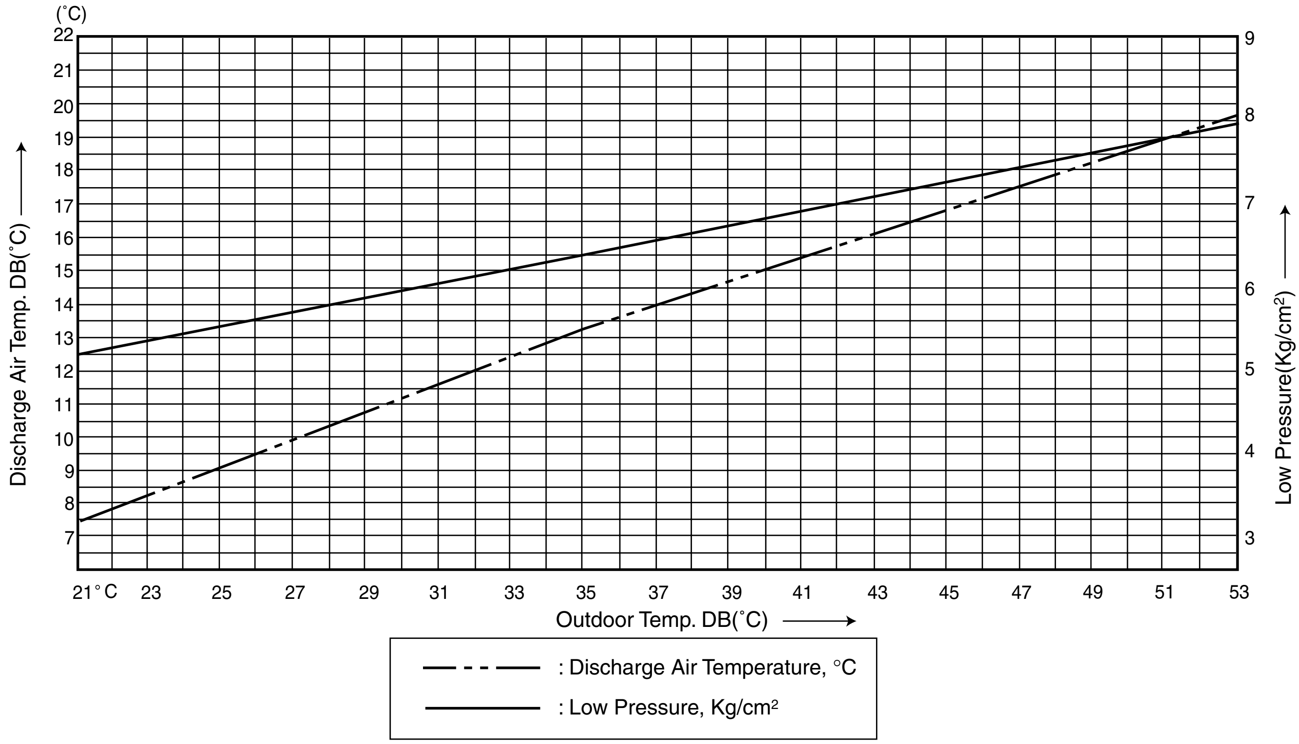
Model No.: LK-0321CC/0325CC



Model No.: LK-0421CC/0425CC

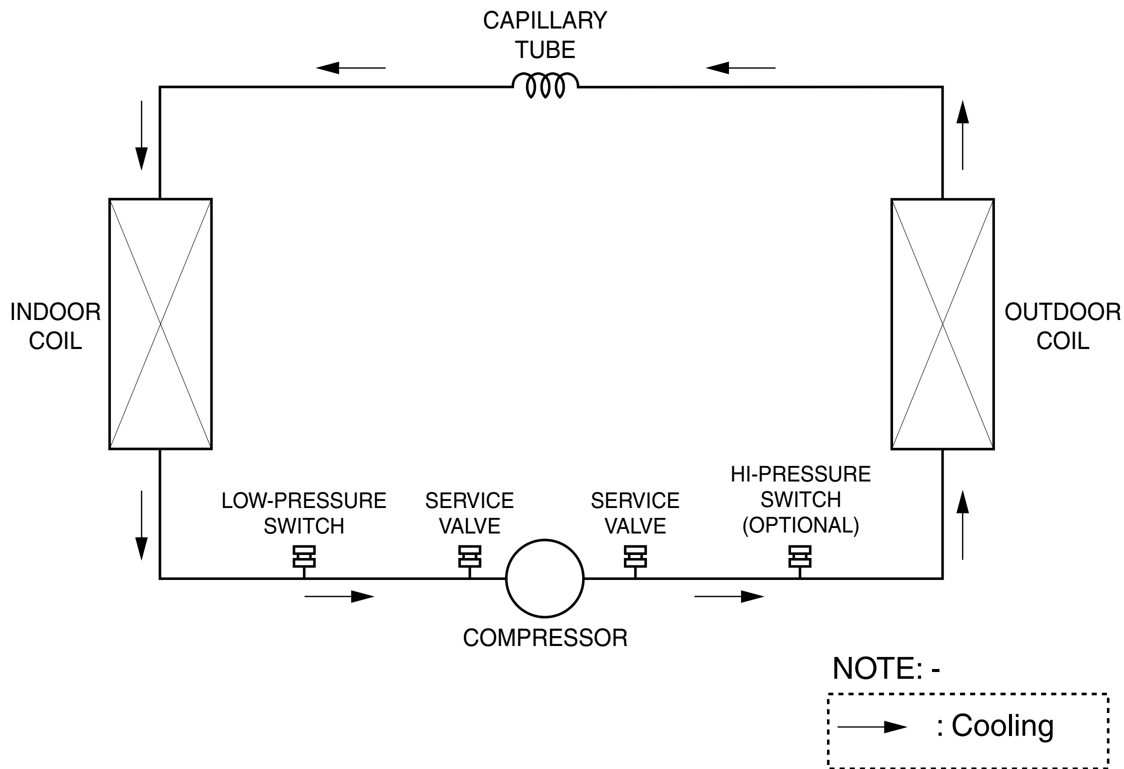


Model No.: LK-0521CC/0525CC



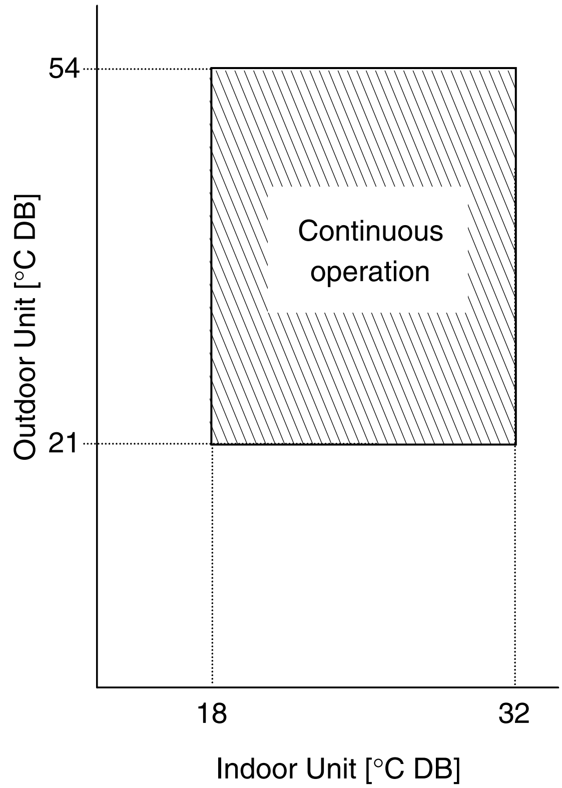
12. Piping diagrams

Cooling Only



13. Operation range

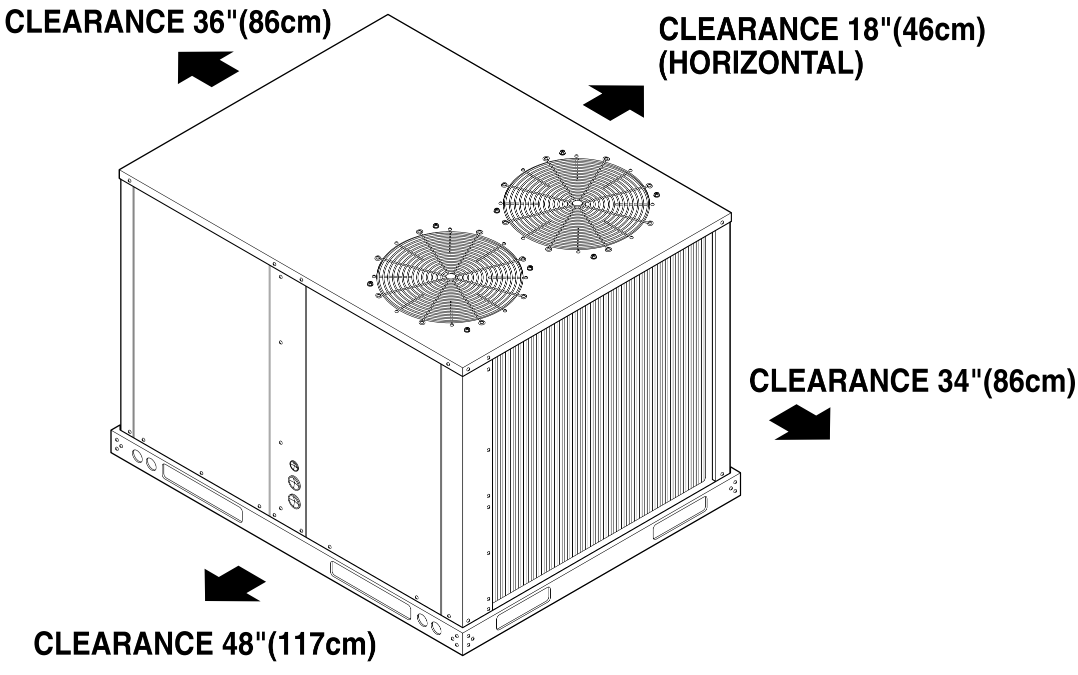
Cooling



- Although low ambient kit is installed, in case outdoor temperature goes below 0°C, the cooling capacity can be dropped and operation characteristics can be slightly different.

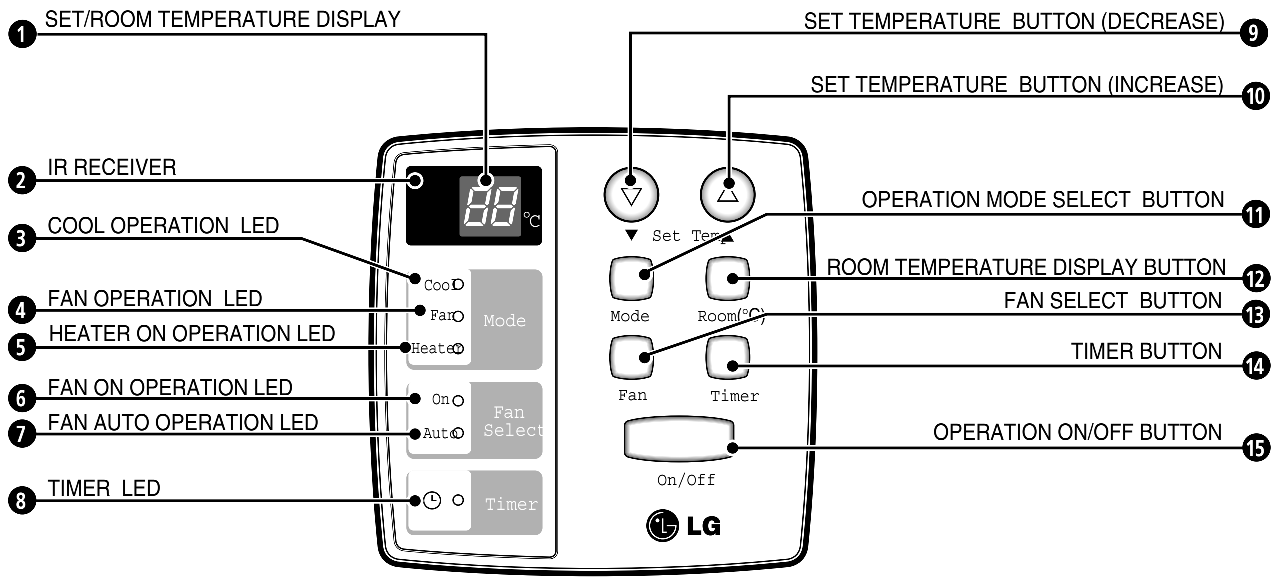
14. Clearance space

Model No.: LK-0321CC/0325CC/0421CC/0425CC/05B0CC/0521CC/0525CC



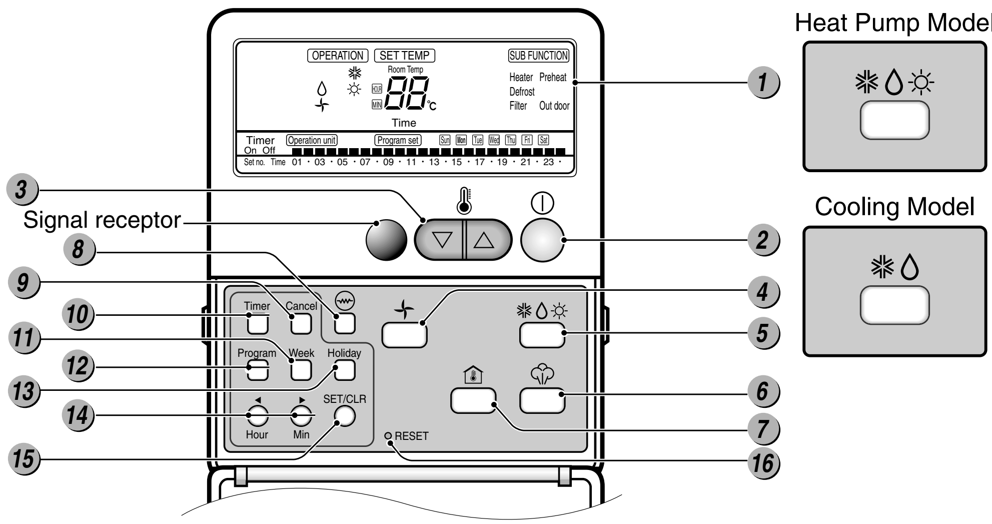
15. Controller

1) Electronic Thermostat - Mechanical control Model(Accessory)



1. Displays the set temperature or room temperature
2. Receives signal from wireless remote controller
3. Display for cool operation state
4. Display for fan operation state
5. Display for heater operation state
6. Display for fan operation "On" state
7. Display for fan operation in "Auto" state
8. Display for timer select state
9. Decrease the set temperature
10. Increase the set temperature
11. Select operation mode - cool/fan/heater
12. Display for room temperature
13. Select fan operation
14. Set the timer operation
15. Press the operation button once to start the operation Press again to stop the operation

2) LCD Wired Remote Control- MICOM Control Model



1 **Operation display**
Displays the operation conditions.

2 **On/Off Button**
Operation starts when this button is pressed, and stops when the button is pressed again.

3 **Set Temperature Button**
Used to set the required temperature.

4 **FAN Operation Button**
Used to circulate room air without cooling or heating.

5 **Operation Mode Selection Button**
Used to select the operation mode.
- Cooling Operation Mode
- Soft Dry Operation Mode
- Heating Operation Mode(except cooling model)

6 **Humidify Button**

7 **Room Temperature Checking Button**
Used to check the room temperature.

8 **Heater Button**

9 **Timer Cancel Button**
Used to cancel the timer.

10 **Timer Set Button**
Used to set the on/off timer.

11 **Week Button**
Used to set the day of the week.

12 **Program Button**
Used to set the weekly timer.

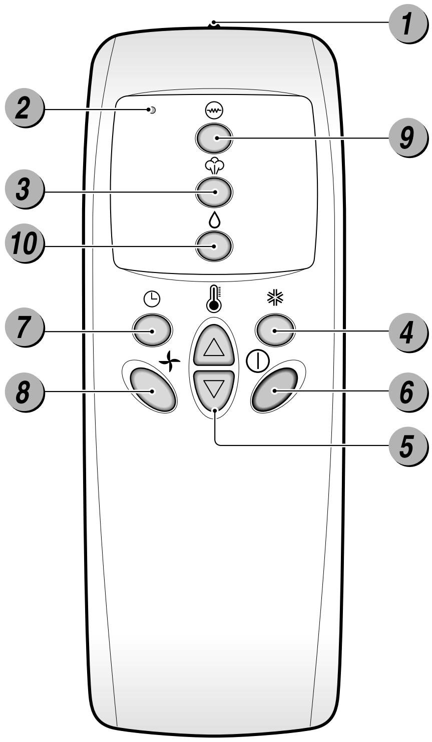
13 **Holiday Button**
Used to set the holiday of the week.

14 **Time Set Button**
Used to set the time of the day and change the time in the weekly timer Function.

15 **Set and Clear Button**
Used to set and clear the weekly timer.

16 **Reset Button**
Used to set the current time and clear the setting time.

3) Wireless Remote Control (accessory)



(Cooling Model)

1. **Signal Transmitter**
   • Transmits the signals to the air conditioner
2. **Operation Display of the Remote Control**
   • LED displays operation status(on or off) of air conditioner.
3. **Humidify Button**
4. **Cooling ON Button**
5. **Temperature Setting Buttons**
6. **Power ON/OFF Button**
   • Operation will start when this button is pressed, and stops when the button is pressed again.
7. **Timer Set Button**
   • Subsequent pressing of the button, changes the set time in the incremental order from 1 hr to 7 hr. If you select "0:000" the off timer function will be considered.
8. **Indoor Fan Operation Button**
9. **Electric Heater ON/OFF Button(Optional)**
10. **Soft Dry Operation Button**

16. Mechanical specifications

General
Factory assembled fully self contained, single piece design to operate up to 129°F in cooling with optional electric heater.
Unit shall be rated in accordance with ARI standard testing procedure, fully charged with R-22. Units shall be fully factory tested before shipment.

Casing
Unit casing shall be constructed of heavy gauge zinc coated, galvanized steel. The cabinet shall be exterior painted and weather resistance. The cabinet shall be designed to allow maintenance from one side only.
Unit shall have a water and air tight service panels with minimum number of screws per panel for easy servicing.

Filters
This units are shipped without air filter and it is the responsibity of the installer to provide a filter in the return air ductwork.

Compressors
LG single packaged units shall be direct drive hermetic compressor, scroll type with internal built in lubricating mechanism for all moving parts. Motor shall be suction gas cooled with internal temperature and over current sensitive motor over load, for maximum protection. Factory rubber shock mounted and internally spring isolation for sound and vibration control.

Refrigerant Circuits
Each refrigerant circuit shall have independent fixed capillary tube devices and service pressure ports, low pressure switches and refrigerant line filter factory-installed as standard.

Evaporator and Condenser Coils
Shall be aluminum plate fins, mechanically bonded to copper tubes.
Coil shall be factory tested for leakage and pressure.

Outdoor Fans
Statically and dynamically, direct drive outdoor fan in vertical discharge position. Permanently lubricated fan motors with built in thermal overload protection.

Indoor Fan
Direct drive indoor motor for all unit with forward curve centrifugal fans. All motors shall be thermally overload protected.

Controls
All units shall be capable to operate in heating and cooling by mechanical or elector-mechanical thermostat.
Time delay PCB shall be provided time delay for compressor reliability.

Accessories
Electric Heaters – Constructed form Nickel Chromium elements. One stages heaters controlled by mechanical or electro-mechanical control. Heater shall have automatic reset high limit controller.

17. Appendix

Unit Conversion

Cooling Capacity

RT	Btu/h	kcal/h	W
1	12,000	3024.2	3516.7

Volume

CMM	CFM	l/s
1	35.3	16.67

Length

m	cm	mm	inch
1	100	1000	39.37

Power

HP	W	kW
1	746	0.746

Temperature

$$C = \frac{5}{9}(F - 32)$$

Where,

C is Temperature in °C

F is Temperature in °F

Part 3 6.25~25RT (GEN I)

1. Model line up

1.1 Cooling Only

Nominal Capacity	Model		Power Supply
Ton	Refrigerant	Model Name	Ø, V, Hz
6.25	R22	LK-06B0CH	3Ø, 220V, 60Hz
7.5		LK-08B0CH	3Ø, 220V, 60Hz
		LK-0890CH	3Ø, 380V, 60Hz
8.5		LK-09B0CH	3Ø, 220V, 60Hz
10		LK-10B0CH	
		LK-1090CH	3Ø, 380V, 60Hz
12.5		LK-13B0CH	3Ø, 220V, 60Hz
15		LK-15B0CH	3Ø, 220V, 60Hz
		LK-1590CH	3Ø, 380V, 60Hz
17.5		LK-18B0CH	3Ø, 220V, 60Hz
20		LK-20B0CH	3Ø, 220V, 60Hz
25		LK-25B0CH	3Ø, 220V, 60Hz
		LK-2590CH	3Ø, 380V, 60Hz

2. Nomenclature

LK - 08 B 0 C H

Type of Flow

H: Horizontal Flow C: Convertible

Model Type

C: Cooling Only A: Cooling Only + Gold Fin

Development Sequence

Electric Standard (Volts / Freq. / Phase)

B : 220V / 60Hz / 3ø 9 : 380V / 60Hz / 3ø
2 : 220V / 60Hz / 1ø

Cooling / Heating Capacity

03 : 3 ton	04 : 4 ton	05 : 5 ton
06 : 6.25 ton	08 : 7.5 ton	09 : 8.5 ton
10 : 10 ton	13 : 12.5 ton	15 : 15 ton
18 : 17.5 ton	20 : 20 ton	25 : 25 ton

Type of Air Conditioner

LK: LG Single Package Air Conditioner

3. Features & Benefits

Cooling & Fan Operation :

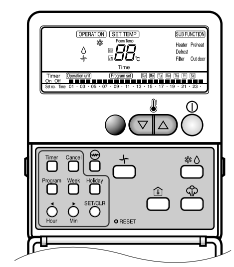
- LG air conditioners can provide cooling & fan operation. In the cooling mode, it cools the air with an operation range of 18~30°C. In the fan operation mode, only indoor fan at the selected speed will run, outdoor fan and compressor will be off.

Auto Restart Operation :

- Whenever there is electricity failure to the unit and after resumption of the power, unit will start in the same mode prior to the power failure. Memorized condition are on/off condition, operating mode (cooling/heating), set temperature and fan speed.

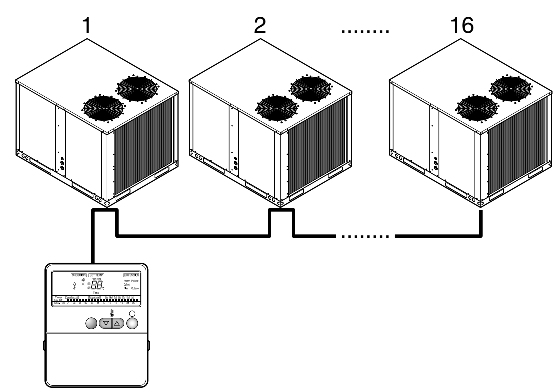
LCD Wired Remote Control:

- It can control all the functions of the unit. You can check/set temperature, change operation mode, set timer & also diagnose the error of the unit. It also has the option of weekly program.



Two Thermistor Control (Return Air Control):(Accessory)

- There may be a significant difference between the return air temperature in the duct and the room temperature. Return air sensing tempeaturee is designed to control temperature more accurately by applying additional thermistor which senses the return air temperature inside the duct specially.
  After selecting the duct thermistor, which is connected to the main PCB, the room temperature measurement by LCD wired remote control thermistor is neglected. It helps to control the room temperature more accurately.(Thermistor is a field-installed accessory)

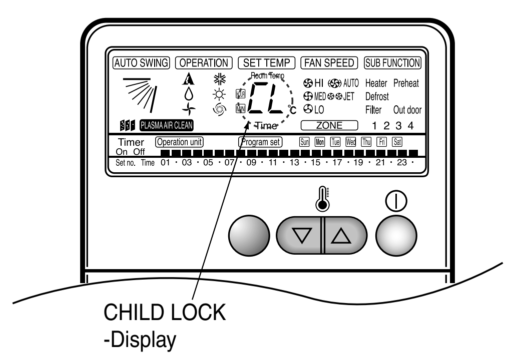


Group Control:

- It enables to control up to 16 units with the help of one wired Remote Controller. All units will follow same setting of temperature & other sub functions.

Child Lock Function :

- It prevents the children or others from tampering with the control buttons. Unit can be controlled by the wireless remote controller. This can be easily set by pressing timer key & Min key simultaneously. After child lock is set, pressing any key will display CL on the LCD for 3 seconds and all the keys are ineffective.

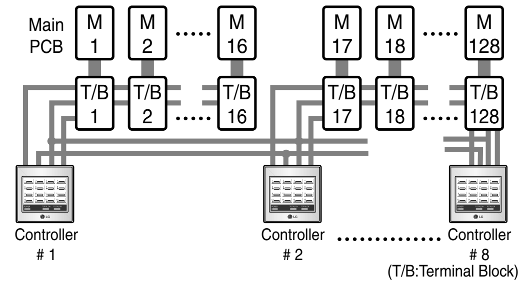


Self Diagnosis Function :

- This function provides diagnosis of the unit. An error code will be displayed on the LCD wired remote controller & diagnosis can be done as per the code indication. The same is also printed on key cover of the LCD wired remote controller.

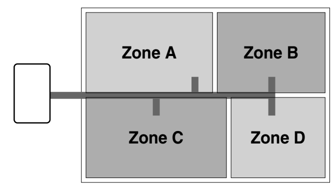
Central Control :(Accessory)

- It enables to control 16 x 8=128 units with the help of 8 controllers. All units can be put on/off from one central room. For setting temperature, fan speed and other sub functions, access the, respective LCD wired remote controller of each unit.



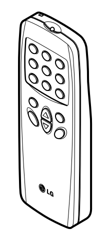
Zone Control :(Accessory)

- It controls the temperature of each zone. Opening or closing of the damper is controlled by sensing the temperature of each zone. In the cooling mode, if the temperature of a particular zone is lower than set temperature then the damper is closed. On the other hand if the temperature of a particular zone is higher then the set temperature damper is open to provide cooling to the zone.



Wireless Remote Control:(Accessory)

- It provides ease of control.



Weekly Program :

- It provides on/off schedule of operation for a period of one week.

Electric Heater :(Accessory)

- Electric Heater can be used to provide heat in addition to cycle heat. It also provides quick heating. It can also work as a stand alone heater with only fan operation.

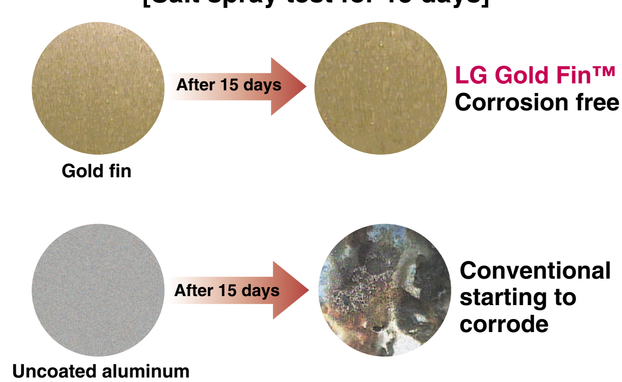
Fire Alarm Function :

- By purchasing a fire alarm locally, installation of the fire alarm is possible. In case of any fire, alarm will sound and the unit will be completely stopped.

Energy Saving Gold Fin :(Optional)

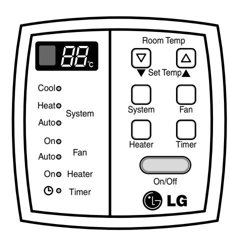
- Single Package Heat Exchanger fins are coated with anticorrosive & hydrophilic layers. It prevents the corrosion of heat exchanger. Fins remain as new even after long time of operation and maintains efficiency of heat exchanger constant. It also saves power & maintenance Cost.

[Salt spray test for 15 days]



Electronic Thermostat :(Accessory)

- It provides on/off timer up to 24 hours. Also self-diagnose the problem.



4. List of functions

Features \ Model No.	LK-06B0CH	LK-0890CH	LK-08B0CH	LK-09B0CH	LK-1090CH	LK-10B0CH
Cooling & Fan Operation	O	O	O	O	O	O
Auto Restart Operation	O	O	O	O	O	O
LCD Wired Remote Control	O	O	O	O	O	O
Two Thermistor Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Group Control	O	O	O	O	O	O
Child Lock Function	O	O	O	O	O	O
Self Diagnosis Function	O	O	O	O	O	O
Central Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Zone Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Wireless Remote Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Weekly Program	O	O	O	O	O	O
Electric Heater	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Fire Alarm Interlocking	O	O	O	O	O	O
Energy Saving Gold Fin	Optional	Optional	Optional	Optional	Optional	Optional
Anti Fungus Filter	O	O	O	O	O	O
High Pressure Switch	-	-	-	-	-	-
Low Pressure Switch	-	-	-	-	-	-
Phase Failure Protector	-	-	-	-	-	-
Phase Reverse Protector	-	-	-	-	-	-

Features \ Model No.	LK-13B0CH	LK-1590CH	LK-15B0CH	LK-18B0CH	LK-20B0CH	LK-2590CH	LK-25B0CH
Cooling & Fan Operation	O	O	O	O	O	O	O
Auto Restart Operation	O	O	O	O	O	O	O
LCD Wired Remote Control	O	O	O	O	O	O	O
Two Thermistor Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Group Control	O	O	O	O	O	O	O
Child Lock Function	O	O	O	O	O	O	O
Self Diagnosis Function	O	O	O	O	O	O	O
Central Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Zone Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Wireless Remote Control	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Weekly Program	O	O	O	O	O	O	O
Electric Heater	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory
Fire Alarm Interlocking	O	O	O	O	O	O	O
Energy Saving Gold Fin	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Anti Fungus Filter	O	O	O	O	O	O	O
High Pressure Switch	-	-	-	-	-	-	-
Low Pressure Switch	-	-	-	-	-	-	-
Phase Failure Protector	-	-	-	-	-	-	-
Phase Reverse Protector	-	-	-	-	-	-	-

5. Specifications

	Nominal ton	(Ton)	6.25	7.5	7.5	8.5
Models			LK-06B0CH	LK-0890CH	LK-08B0CH	LK-09B0CH
Capacity	Gross	Btu/hr	75,000	92,000	92,000	107,000
		W	-	-	-	-
		kcal/hr	18,901(21,980)	23,184(26,963)	23,184(26,963)	26,964(31,359)
	Net	Btu/hr	72,000	90,000	88,000	102,000
		W	-	-	-	-
		kcal/hr	18,145(21,101)	22,681(26,376)	22,177(25,790)	25,706(29,893)
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	380, 3, 60	220, 3, 60	220, 3, 60
	M.C.A(with standard motor)	Amps	35	26	43	52.6
	Power Input	W	7,650	10,400	9,750	11,090
Performance	Air Circulation	CFM	2,500	3,000	3,000	3,400
	EER	Btu/hr W	9.4	8.7	9	9.2
	Sound Rating	Bell	8.8	8.8	8.8	9.2
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	2R/16FPI
	Length	inch	37 29/32	42 1/8	42 1/8	37 29/32
		mm	963	1,070	1,070	963
	Face Area	sq.ft	7.11	7.9	7.9	9.48
		m^2	0.66	0.73	0.73	0.88
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	13 (13)	13 (13)	13 (13)	15 (13)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	1.5 / 3.0	1.5 / 3.0	1.5 / 3.0	3.0 / NA
	Motor rpm(Standard/oversized)	rpm	1700/1730	1700/1730	1700/1730	1730/1750
Compressor	Type		Reciprocating	Reciprocating	Reciprocating	Reciprocating
	Quantity		1	1	1	2
	Model		H26A72QDBLA	H25G104DBVE	H25G094DBDE	H25A54QDBLA
	Maker		Bristol	Bristol	Bristol	Bristol
	Capacity	kcal/hr(Btu/hr)	17,892(71,000)	25,099(99,600)	22,806(90,501)	13,482(53,500)
	Motor Type		3Ø induction	3Ø INDUCTION	3Ø induction	3Ø induction
	Motor Input	W	6,340	9,445	8,380	4,635
	Oil Type		SUNISO 3GS	CALUMET RO15 or WITCO 3GS	ZEROL 150W/3% SYN-O-AD	SUNISO 3GS
	Oil Charge	cc	1,922	2,722	2,842	1,924
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI	2R/16FPI	2R/16FPI
	Length	inch	53 5/32	55 29/32	55 29/32	66 15/16
		mm	1,350	1,420	1,420	1,700
	Face Area	sq.ft	11.81	12.42	12.42	17.66
		m^2	1.1	1.15	1.15	1.64
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		1EA/24	1EA/24	1EA/24	1EA/26
	Drive Type		Direct	Direct	Direct	Direct
	CFM		4,600	4,600	4,600	7,000
	No. Motor/Motor output(Hp)		1/0.5	1/0.5	1/0.5	1/1.3
	Motor RPM		1130	1130	1130	1130
Dehumidification Rate		l/h	6.8	7.5	7.5	9.2
Drain Connection Size(in.)			3/4	3/4	3/4	3/4
Refrigerant	Refrigerant Charge	kg	4.6	5.06	4.7	3.5/circuit
		lbs	10.1	11.2	10.4	7.7/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	85 7/16 * 35 1/32 * 45 5/8	85 7/16 * 35 1/32 * 45 5/8	85 7/16 * 35 1/32 * 45 5/8	85 7/16 * 41 11/32 * 48 7/8
		mm	2170*890*1159	2170*890*1159	2170*890*1159	2170*1050*1242
Net Weight		kg	260	280	280	330
		lbs	573	617	617	728
Filter	Size /No Used	mm	742 * 668 /1EA	742 * 668 /1EA	742 * 668 /1EA	938 * 408 /2EA
	Size /No Used	mm	500 * 668 /1EA	500 * 668 /1EA	500 * 668 /1EA	-
	Filter Rack Thickness		1 inch	1 inch	1 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	8/18/18	8/18/18	8/18/18	4/16/16

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

Nominal ton		(Ton)	10	10	12.5	15
Models			LK-1090CH	LK-10B0CH	LK-13B0CH	LK-1590CH
Capacity	Gross	Btu/hr	125,900	125,900	151,000	183,000
		W	-	-	-	-
		kcal/hr	31,726(36,898)	31,726(36,898)	38,051(44,254)	46,115(53,632)
	Net	Btu/hr	118,000	118,000	142,000	172,000
		W	-	-	-	-
		kcal/hr	29,738(34,582)	29,738(34,582)	35,786(41,616)	43,347(50,408)
Electrical Data	Power Supply	V,PH,Hz	380, 3, 60	220, 3, 60	220, 3, 60	380, 3, 60
	M.C.A(with standard motor)	Amps	40	57.6	73	51.1
	Power Input	W	12,800	12,800	16,500	20,000
Performance	Air Circulation	CFM	4,000	4,000	5,000	6,000
	EER	Btu/hr W	9.2	9.2	8.6	8.6
	Sound Rating	Bell	9.2	9.2	9.5	9.5
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	37 29/32	37 29/32	45 9/32	44 7/8
		mm	963	963	1,150	1,140
	Face Area	sq.ft	9.48	9.48	11.32	13.09
		m^2	0.88	0.88	1.05	1.22
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	15 (13)	15 (13)	15 (15)	15 (15)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0	4.0 / 5.0
	Motor rpm(Standard/oversized)	rpm	1730/1750	1730/1750	1730/3500	1730/3500
Compressor	Type		Scroll	Reciprocating	Reciprocating	Reciprocating
	Quantity		2	2	2	2
	Model		SR061U	H25A62QDBLA	H26A72QDBLA	H25G094DBEE
	Maker		LG	Bristol	Bristol	Bristol
	Capacity	kcal/hr(Btu/hr)	15,498(61,500)	15,372(61,000)	17,892(71,000)	22,276(88,400)
	Motor Type		3Ø induction	3Ø induction	3Ø induction	3 Ø induction
	Motor Input	W	5,590	5,375	6,340	8,380
	Oil Type		SUNISO 4GSI	SUNISO 3GS	SUNISO 3GS	CALUMET RO15 or WITCO 3GS
	Oil Charge	cc	1,800	1,922	1922	2,722
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI	2R/16FPI	2R/16FPI
	Length	inch	66 15/16	66 15/16	86 5/8	72 27/32
		mm	1,700	1,700	2,200	1,850
	Face Area	sq.ft	17.66	17.66	22.86	22.26
		m^2	1.64	1.64	2.12	2.07
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		1EA/26	1EA/26	1EA/26	2EA/26
	Drive Type		Direct	Direct	Direct	Direct
	CFM		7,000	7,000	7,800	10,800
	No. Motor/Motor output(Hp)		1/1.3	1/1.3	1/1.3	2/1.3
	Motor RPM		1130	1130	1,130	1,130
Dehumidification Rate		l/h	11	11	13.5	16.5
Drain Connection Size(in.)			3/4	3/4	3/4	1
Refrigerant	Refrigerant Charge	kg	3.0/circuit	3.3/circuit	3.9/circuit	4.0/circuit
		lbs	6.6/circuit	7.3/circuit	8.6/circuit	8.8/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	85 7/16 * 41 11/32 * 48 7/8	85 7/16 * 41 11/32 * 48 7/8	85 7/16 * 41 11/32 * 61 1/32	96 * 48 7/16 * 69 17/32
		mm	2170*1050*1242	2170*1050*1242	2170*1050*1550	2438*1230*1766
Net Weight		kg	350	350	400	550
		lbs	772	772	882	1,213
Filter	Size /No Used	mm	938 * 408 /2EA	938 * 408 /2EA	1110 * 408 /2EA	1374*485 /2EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch	1,2 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	4/16/16	4/16/16	3/14/14	2/4/4

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

Nominal ton		(Ton)	15	17.5	20
Models			LK-15B0CH	LK-18B0CH	LK-20B0CH
Capacity	Gross	Btu/hr	183,000	208,000	270,000
		W	-	-	-
		kcal/hr	46,115(53,632)	52,415(60,959)	68,039(79,129)
	Net	Btu/hr	172,000	192,000	260,000
		W	-	-	-
		kcal/hr	43,347(50,408)	48,387(56,269)	65,524(76,198)
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	220, 3, 60	220, 3, 60
	M.C.A(with standard motor)	Amps	86	102	124
	Power Input	W	20,600	22,590	26,600
Performance	Air Circulation	CFM	6,000	7,000	8,000
	EER	Btu/hr W	8.6	8.5	9.8
	Sound Rating	Bell	9.5	9.5	9.5
Indoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	2R/16FPI
	Length	inch	44 7/8	55 1/8	55 29/32
		mm	1,140	1,400	1,420
	Face Area	sq.ft	13.09	16.08	23.29
		m^2	1.22	1.49	2.16
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA
	Diameter(Width)	inch	15 (15)	15 (15)	18 (18)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	4.0 / 5.0	5.0 / 7.5	5.0 / 7.5
	Motor rpm(Standard/oversized)	rpm	1730/3500	1750/3500	3500/3510
Compressor	Type		Reciprocating	Reciprocating	Reciprocating
	Quantity		2	2	2
	Model		H25G094DBDE	H25G104DBDE	H25G124DBDE
	Maker		Bristol	Bristol	Bristol
	Capacity	kcal/hr(Btu/hr)	22,806(90,500)	25,754(102,200)	29,736(118,000)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	8,380	9,445	11,030
	Oil Type		ZEROL 150W/3% SYN-O-AD	ZEROL 150W/3% SYN-O-AD	ZEROL 150W/3% SYN-O-AD
	Oil Charge	cc	2,842	2,842	2,842
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8
		mm	9.52	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI	2R/16FPI
	Length	inch	72 27/32	85 1/32	78 3/4
		mm	1,850	2,160	2,000
	Face Area	sq.ft	22.26	25.98	32.81
		m^2	2.07	2.41	3.05
Outdoor Fan	Type		Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/26	2EA/26	2EA/26
	Drive Type		Direct	Direct	Direct
	CFM		10,800	14,100	14,800
	No. Motor/Motor output(Hp)		2/1.3	2/1.3	2/1.3
	Motor RPM		1,130	1,130	1,130
Dehumidification Rate		l/h	16.5	18.1	20
Drain Connection Size(in.)			1	1	1
Refrigerant	Refrigerant Charge	kg	4.8/circuit	5.2/circuit	6.3/circuit
		lbs	10.6/circuit	11.5/circuit	13.9/circuit
		Type	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	96 * 48 7/16 * 69 17/32	96 * 48 7/16 * 69 17/32	109 7/32 * 65 11/32 * 74 1/32
		mm	2438*1230*1766	2438*1230*1766	2774*1660*1880
Net Weight		kg	550	600	820
		lbs	1,213	1,323	1,808
Filter	Size /No Used	mm	1374*485 /2EA	1374*485 /2EA	750*717 /4EA
	Size /No Used	mm	-	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	2/4/4	2/4/4	1/4/4

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

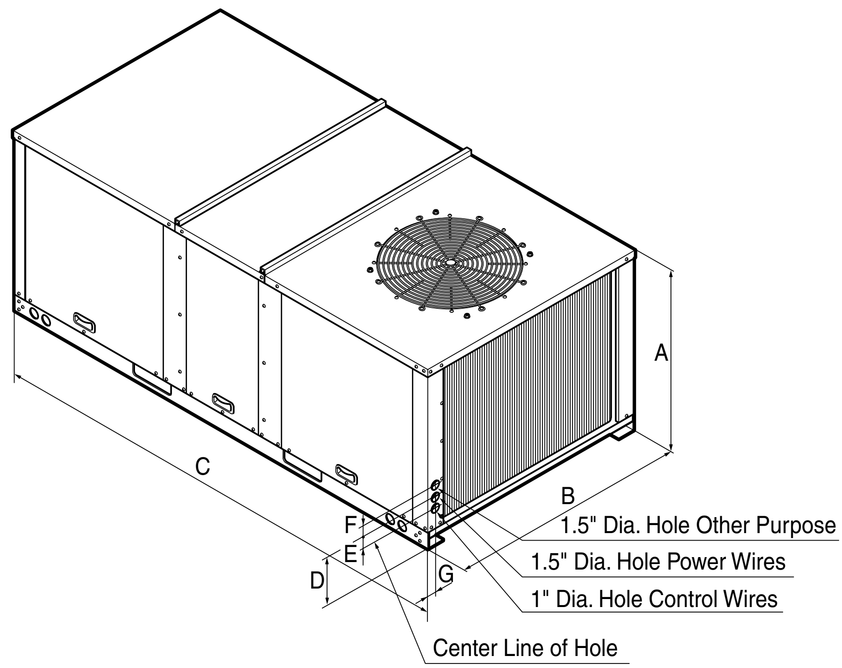
Nominal ton		(Ton)	25	25
Models			LK-2590CH	LK-25B0CH
Capacity	Gross	Btu/hr	313,000	333,000
		W	-	-
		kcal/hr	78,875(91,731)	83,915(97,593)
	Net	Btu/hr	300,000	320,000
		W	-	-
		kcal/hr	75,605(87,921)	80,645(93,782)
Electrical Data	Power Supply	V,PH,Hz	380, 3, 60	220, 3, 60
	M.C.A(with standard motor)	Amps	79	133
	Power Input	W	31,500	33,000
Performance	Air Circulation	CFM	10,000	10,000
	EER	Btu/hr W	9.5	9.7
	Sound Rating	Bell	9.2	9.5
Indoor Coil	Type		High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8
		mm	9.52	9.52
	Row/FPI		2R/16FPI	3R/16FPI
	Length	inch	55 29/32	55 29/32
		mm	1,420	1,420
	Face Area	sq.ft	23.29	23.29
		m^2	2.16	2.16
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA
	Diameter(Width)	inch	18 (18)	18 (18)
	Drive Type/Motor Step		Belt/1	Belt/1
	No.motors		1EA	1EA
	Motor output(standard/oversized)	Hp	7.5 / N.A	7.5 / N.A
	Motor rpm(Standard/oversized)	rpm	3510/N.A	3510/N.A
Compressor	Type		Reciprocating	Reciprocating
	Quantity		3	2
	Model		H25G104DBVE	H25G144DBDE
	Maker		Bristol	Bristol
	Capacity	kcal/hr(Btu/hr)	25,099(99,600)	35,280(140,000)
	Motor Type		3 Ø induction	3 Ø induction
	Motor Input	W	9,445	13,860
	Oil Type		CALUMET RO15 or WITCO 3GS	ZEROL 150W/3% SYN-O-AD
	Oil Charge	cc	2,722	2,842
Outdoor Coil	Type		High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8
		mm	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI
	Length	inch	86 5/8	86 5/8
		mm	2,200	2,200
	Face Area	sq.ft	36.09	36.09
		m^2	3.35	3.35
Outdoor Fan	Type		Propeller	Propeller
	No. Used/Diameter(in.)		2EA/28	2EA/28
	Drive Type		Direct	Direct
	CFM		16,700	16,700
	No. Motor/Motor output(Hp)		2/2.0	2/2.0
	Motor RPM		1130	1130
Dehumidification Rate		l/h	24.8	24.8
Drain Connection Size(in.)			1	1
Refrigerant	Refrigerant Charge	kg	4.7/circuit	7.1/circuit
		lbs	10.4/circuit	15.7/circuit
		Type	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	109 7/32 * 65 11/32 * 74 1/32	109 7/32 * 65 11/32 * 74 1/32
		mm	2774*1660*1880	2774*1660*1880
Net Weight		kg	870	870
		lbs	1,918	1,918
Filter	Size /No Used	mm	750*717 /4EA	750*717 /4EA
	Size /No Used	mm	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	1/4/4	1/4/4

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

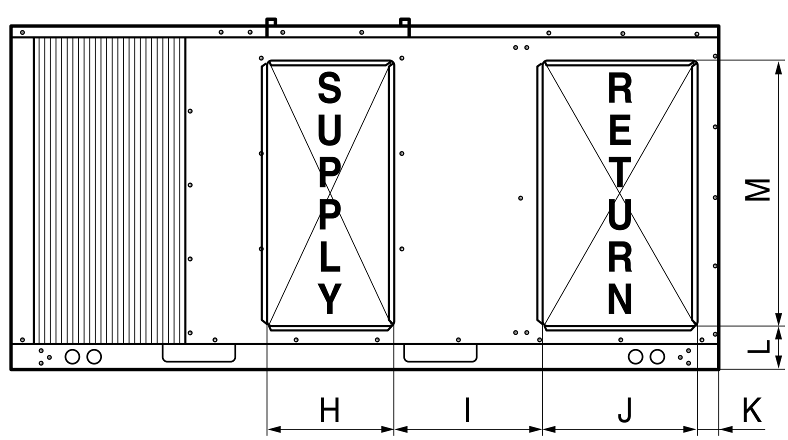
2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

6. Dimensions

Model No.: LK-06B0CH/LK-08B0CH/LK-0890CH

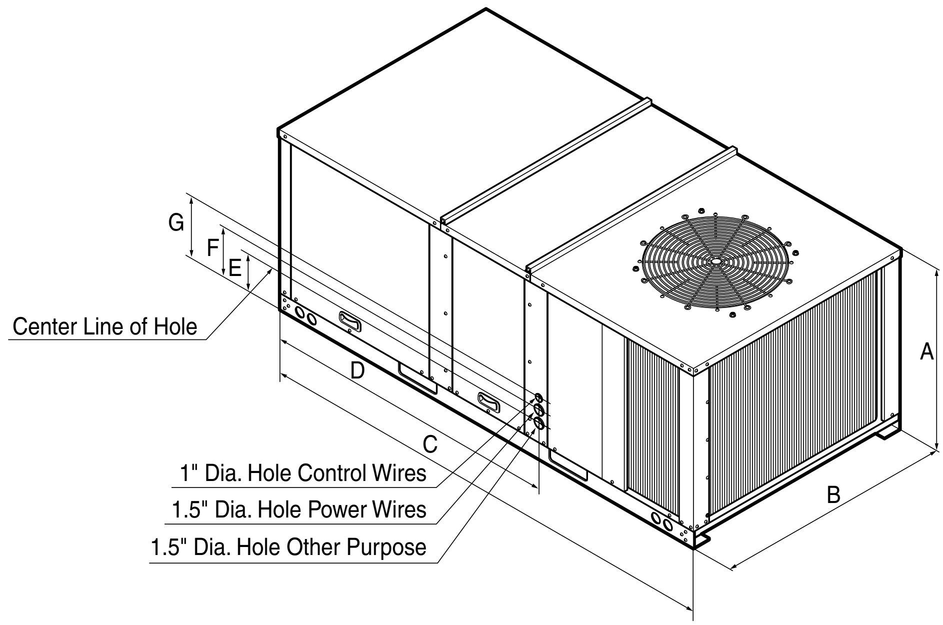


Unit \ Dimension	A	B	C	D	E	F	G
mm	890	1159	2170	265	70	60	90
inch	35.04	46.93	85.43	10.43	2.76	2.36	3.54

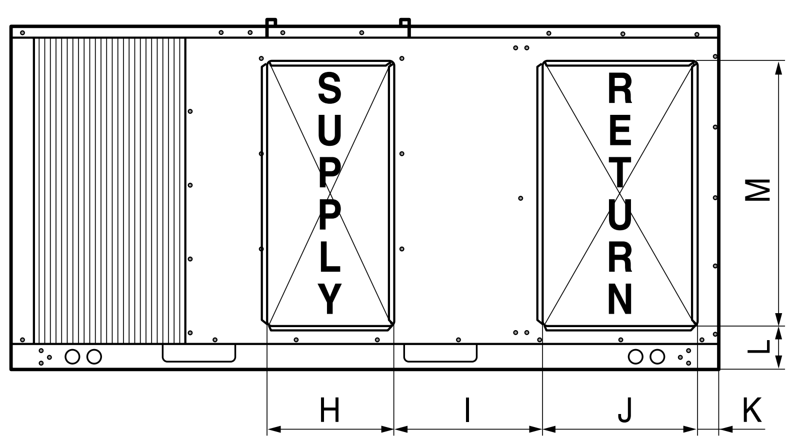


Unit \ Dimension	H	I	J	K	L	M
mm	393	411	478	61	136	683
inch	15.47	16.18	18.82	2.40	5.35	26.89

Model No.: LK-09B0CH/LK-10B0CH/LK-1090CH

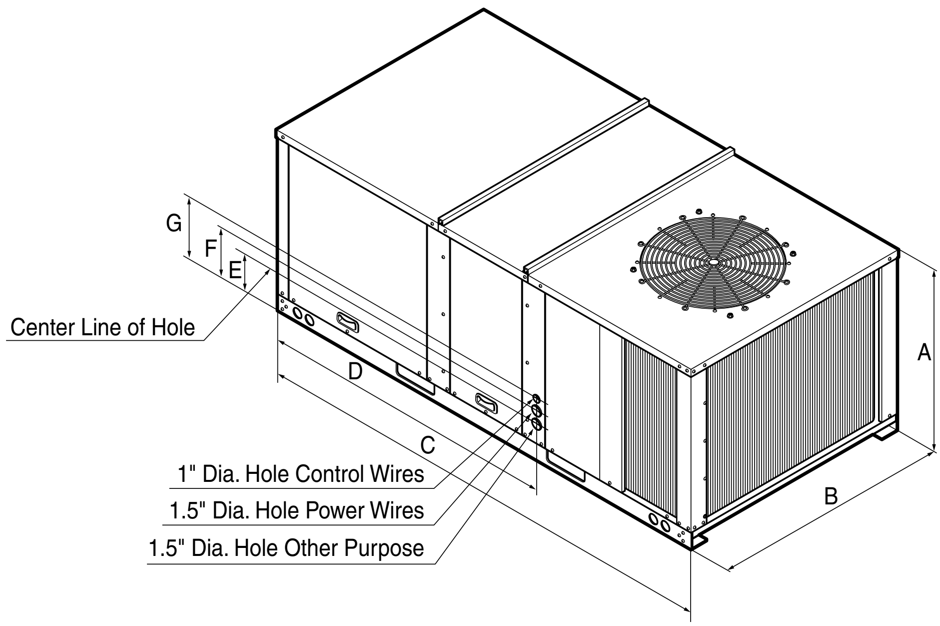


Unit \ Dimension	A	B	C	D	E	F	G
mm	1050	1242	2170	1397	155	215	265
inch	41.34	48.89	85.43	55.0	6.10	8.46	10.43

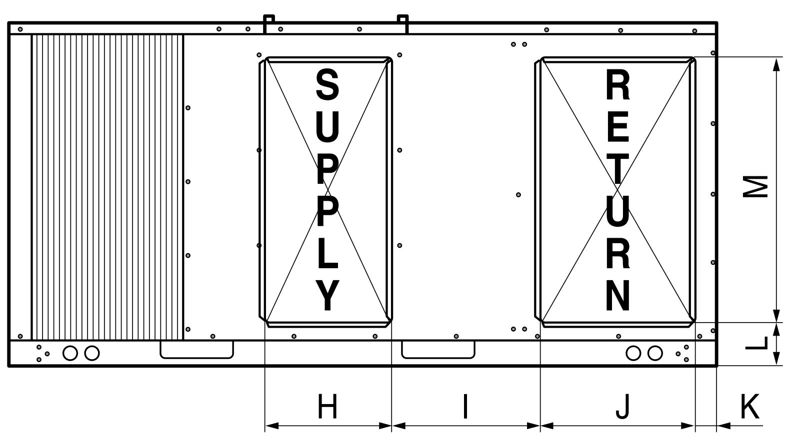


Unit \ Dimension	H	I	J	K	L	M
mm	408	356	512	62	51	872
inch	16.06	14.02	20.16	2.44	2.01	34.33

Model No.: LK-13B0CH

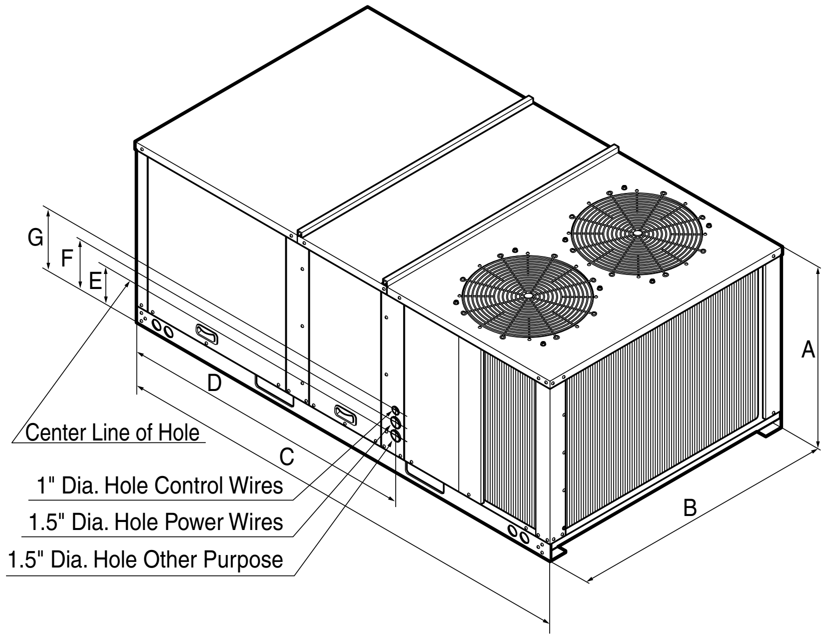


Unit \ Dimension	A	B	C	D	E	F	G
mm	1050	1550	2170	1399	155	215	265
inch	41.34	61.02	85.43	55.08	6.10	8.46	10.43

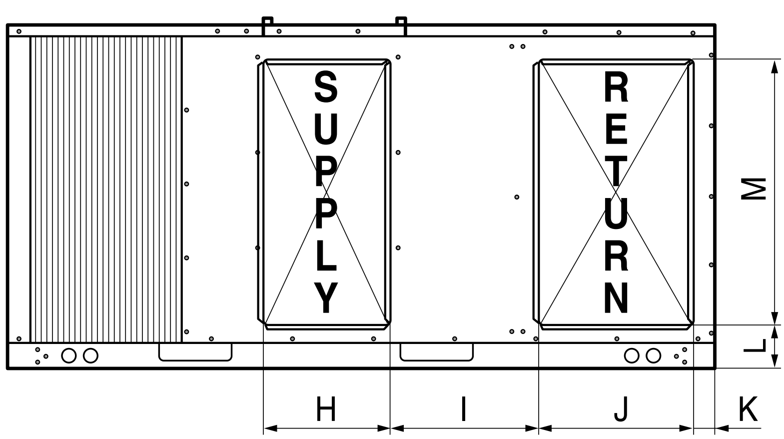


Unit \ Dimension	H	I	J	K	L	M
mm	468	296	512	62	125	874
inch	18.43	11.65	20.16	2.44	4.92	64.41

Model No.: LK-1590CH/LK-15B0CH/LK-18B0CH

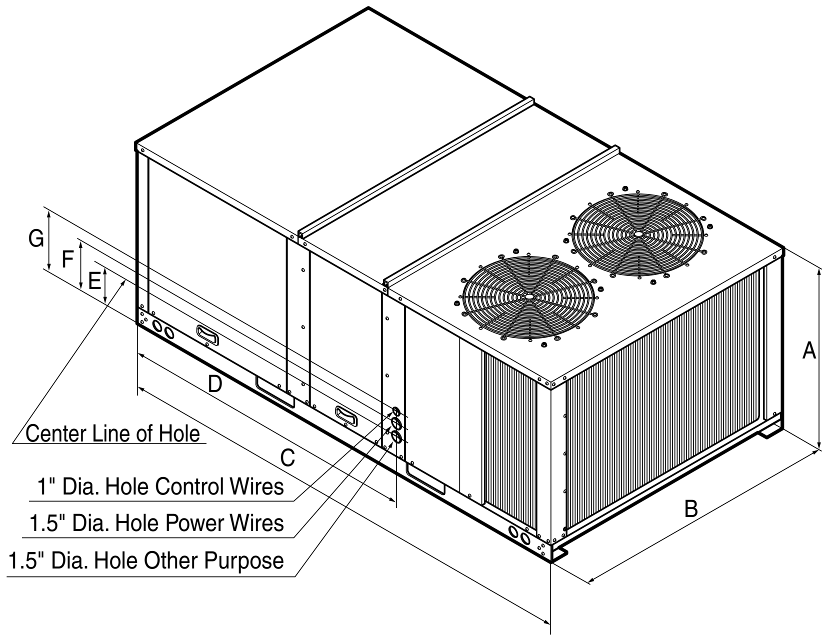


Unit \ Dimension	A	B	C	D	E	F	G
mm	1205	1766	2438	1603	160	220	280
inch	47.44	69.53	95.98	63.11	6.29	8.66	11.02

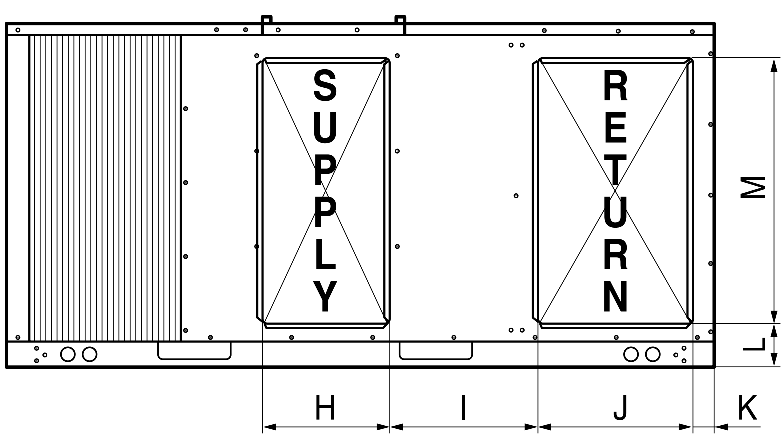


Unit \ Dimension	H	I	J	K	L	M
mm	623	233	623	60	129	1022
inch	24.53	9.17	24.53	2.36	5.08	40.24

Model No.: LK-20B0CH/LK-2590CH/LK-25B0CH

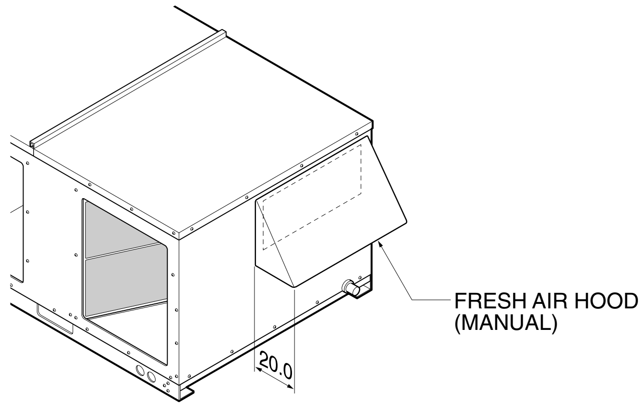


Unit \ Dimension	A	B	C	D	E	F	G
mm	1660	1880	2774	1770	195	302	-
inch	65.35	74.02	109.21	69.69	7.68	11.89	-



Unit \ Dimension	H	I	J	K	L	M
mm	649.5	388	694.5	61	155	1450
inch	25.57	15.28	27.34	2.40	6.10	57.09

6.25~25 Ton Accessories

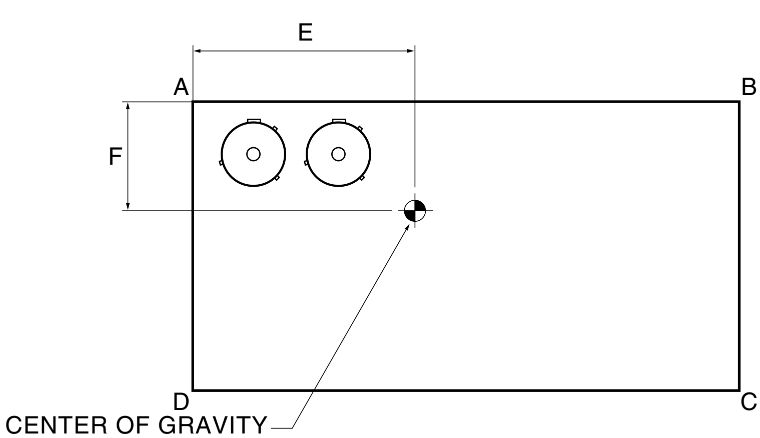


Weights

Maximum Unit and Corner Weights (lbs) and Center of Gravity Dimensions (In.)

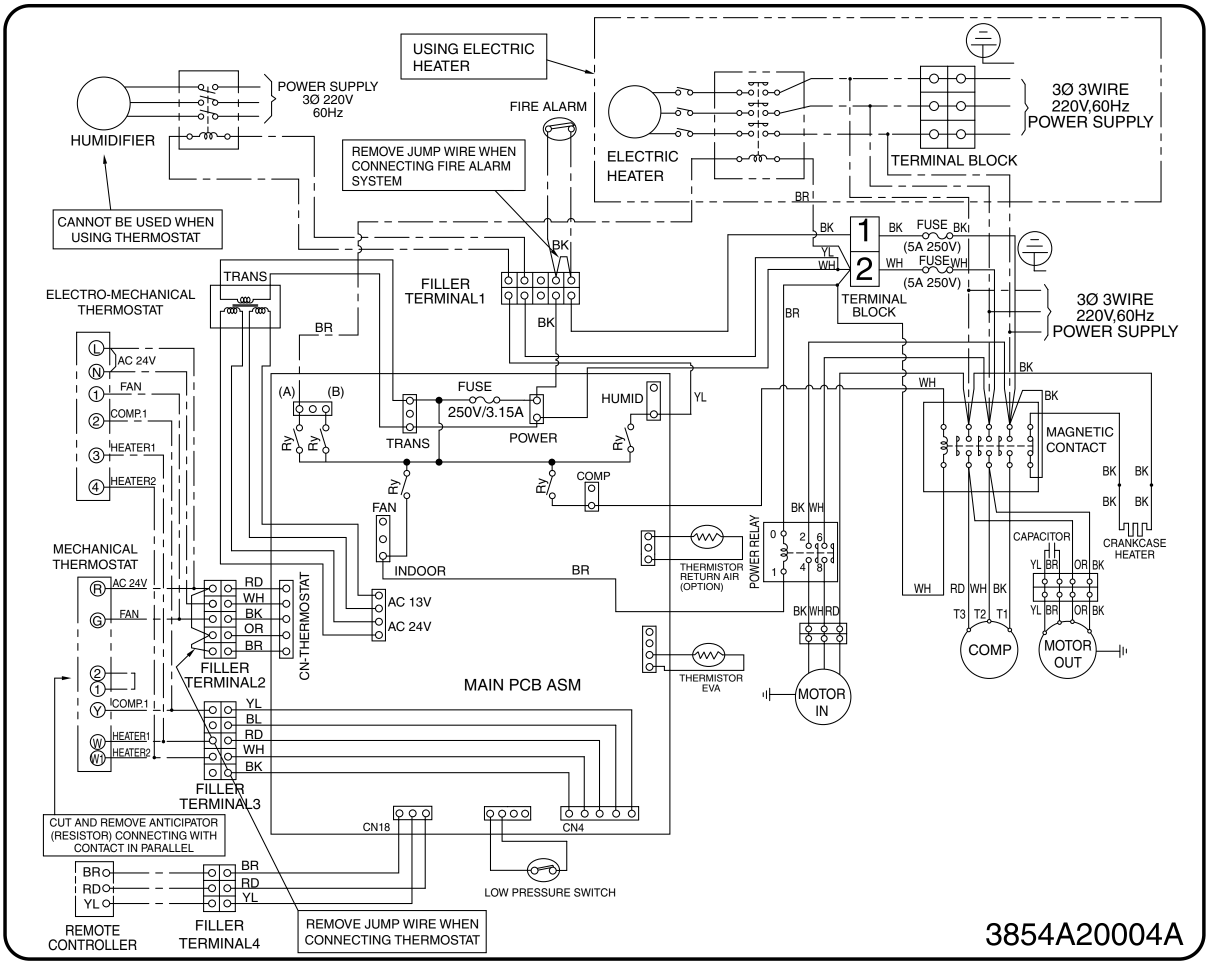
Tons	Unit Model No.	Maximum Weights (lbs)		Corner Weights (lbs)				Center of Gravity (In.)	
		Shipping	Net	A	B	C	D	E	F
6.25	LK-06B0CH	728	573	190	151	111	122	39	18
7.5	LK-0890CH LK-08B0CH	772	617	209	161	116	132	38	17
8.5	LK-09B0CH	926	728	248	187	135	157	37	19
10	LK-1090CH LK-10B0CH	970	772	261	197	145	168	37	20
12.5	LK-13B0CH	1036	882	299	225	166	193	36	25
15	LK-1590CH LK-15B0CH	1455	1213	411	310	228	264	40	28
17.5	LK-18B0CH	1565	1323	450	343	248	282	42	29
20	LK-20B0CH	2171	1808	639	438	320	411	43	31
25	LK-2590CH LK-25B0CH	2281	1918	697	460	328	433	42	30

Note: 1.Corner weights are given for information only.
2. Weights are approximate.



7. Wiring diagrams

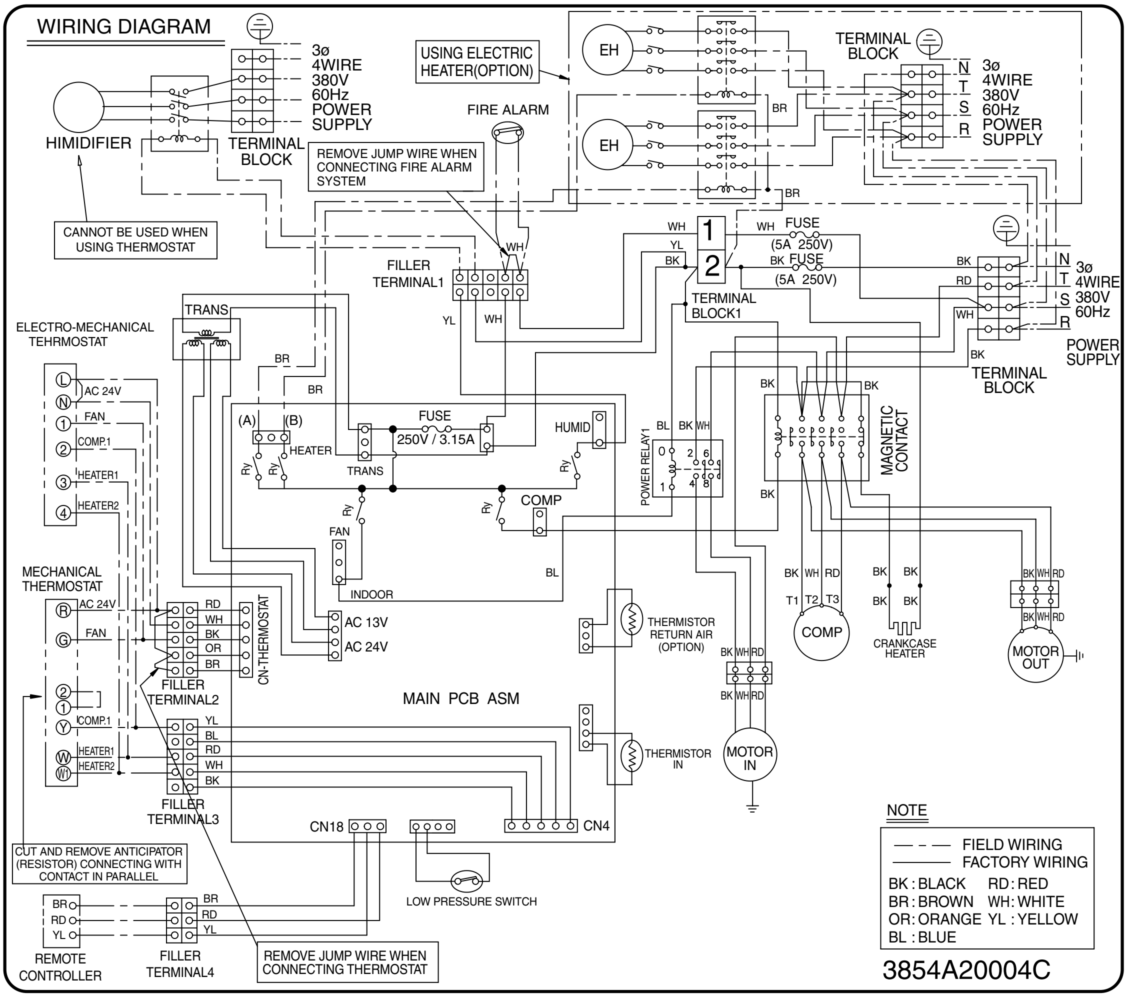
Model No.: LK-06B0CH/LK-08B0CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—-–—	FIELD WIRING

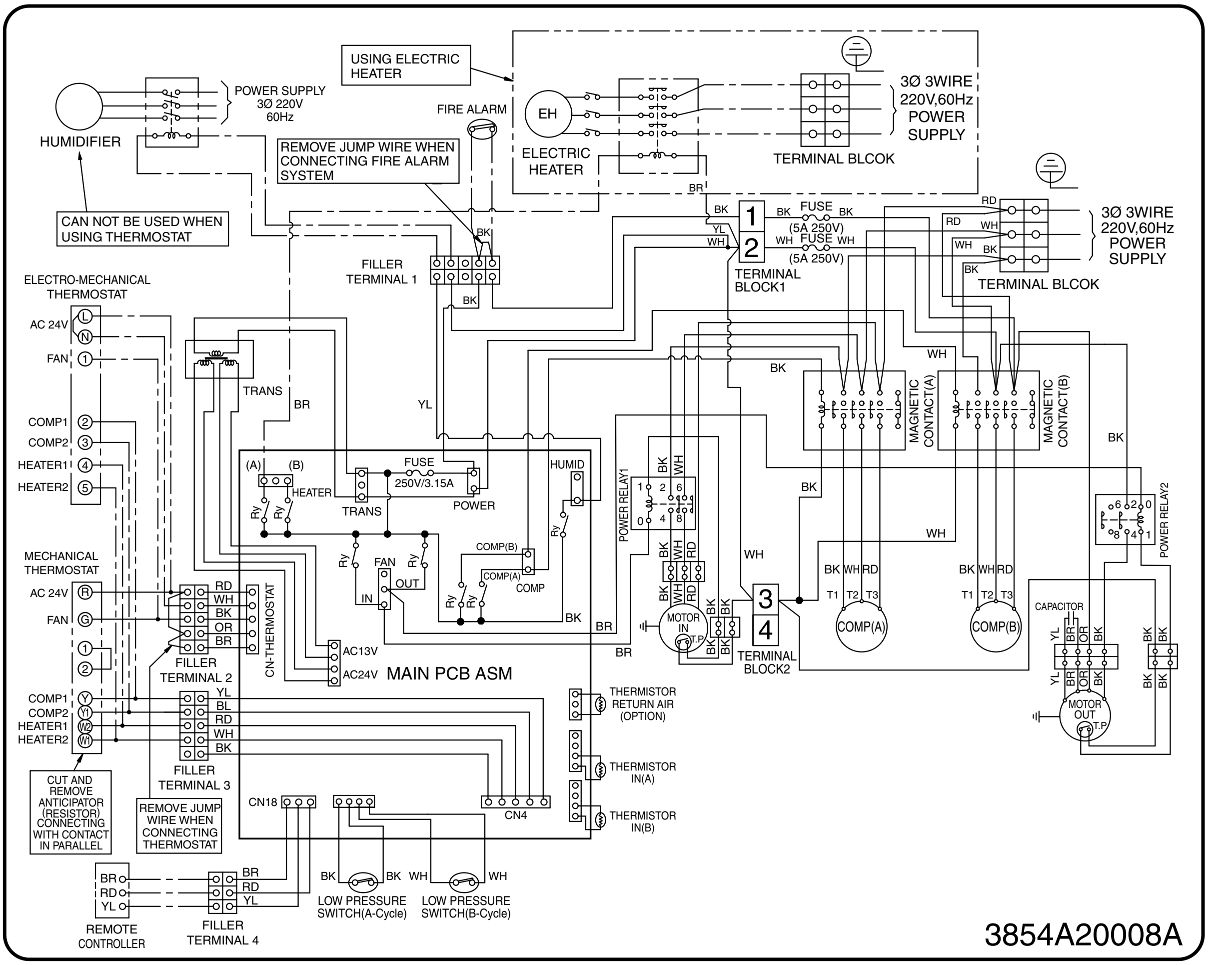
Model No.: LK-0890CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	— – —	FIELD WIRING

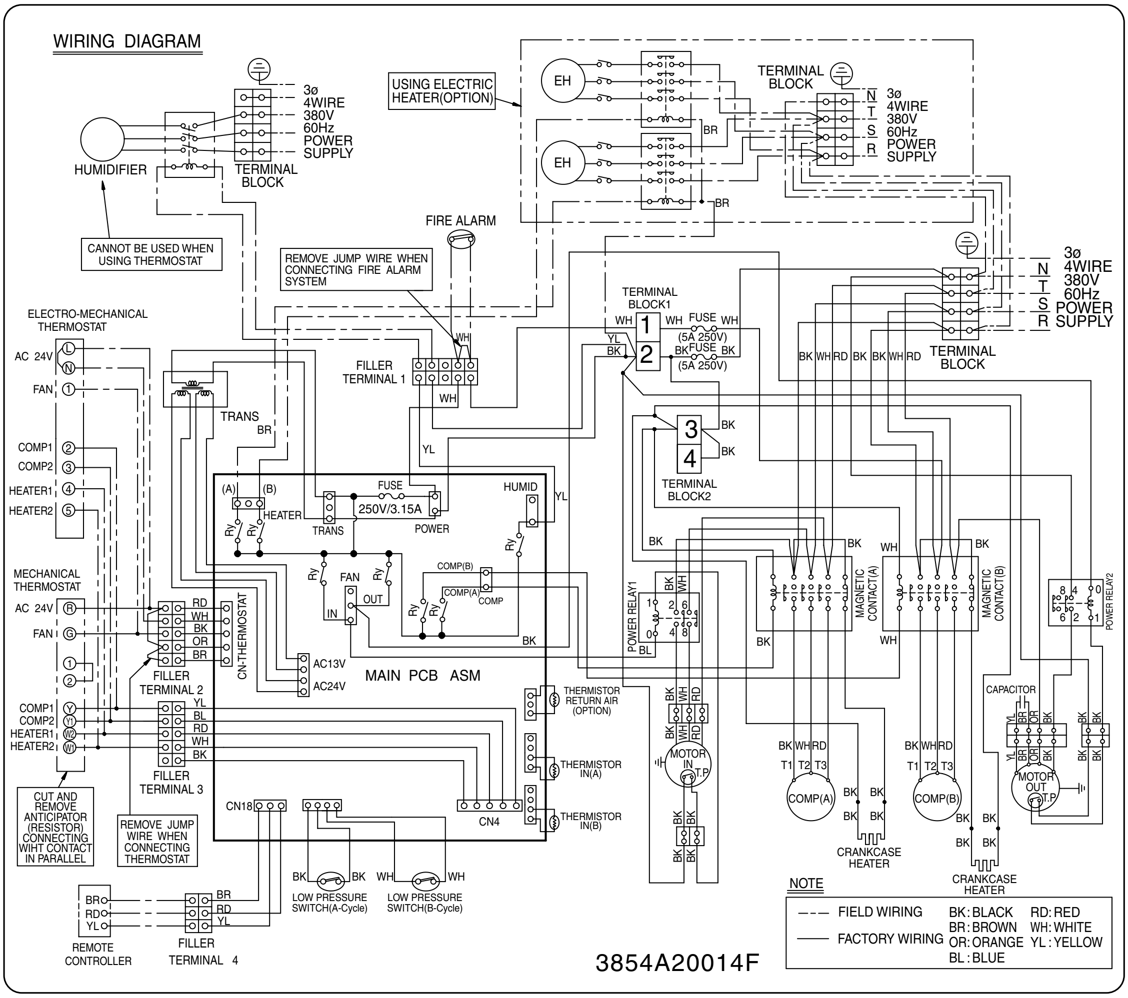
Model No.: LK-09B0CH/LK-10B0CH/LK-13B0CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—– – —	FIELD WIRING

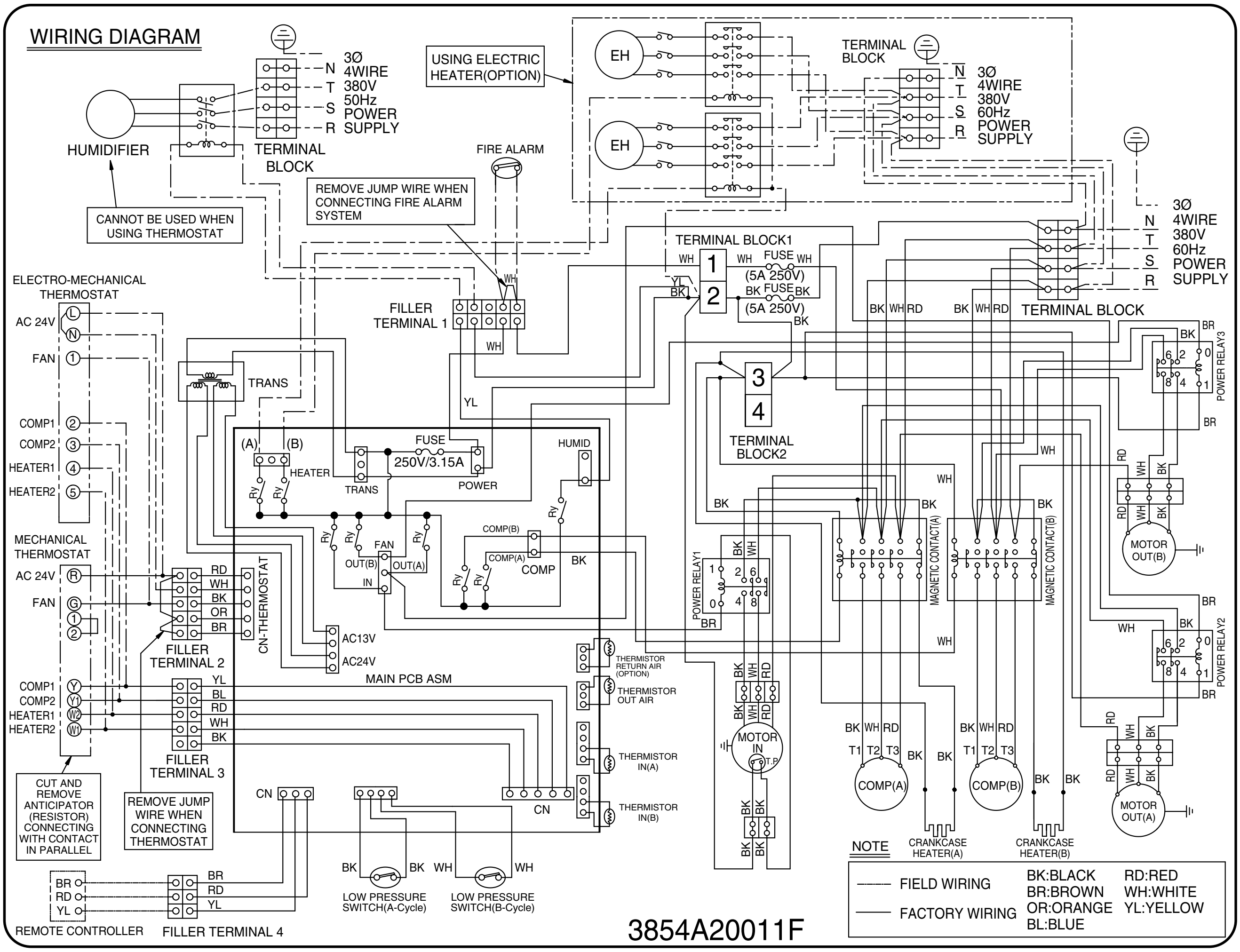
Model No.: LK-1090CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—-- —	FIELD WIRING

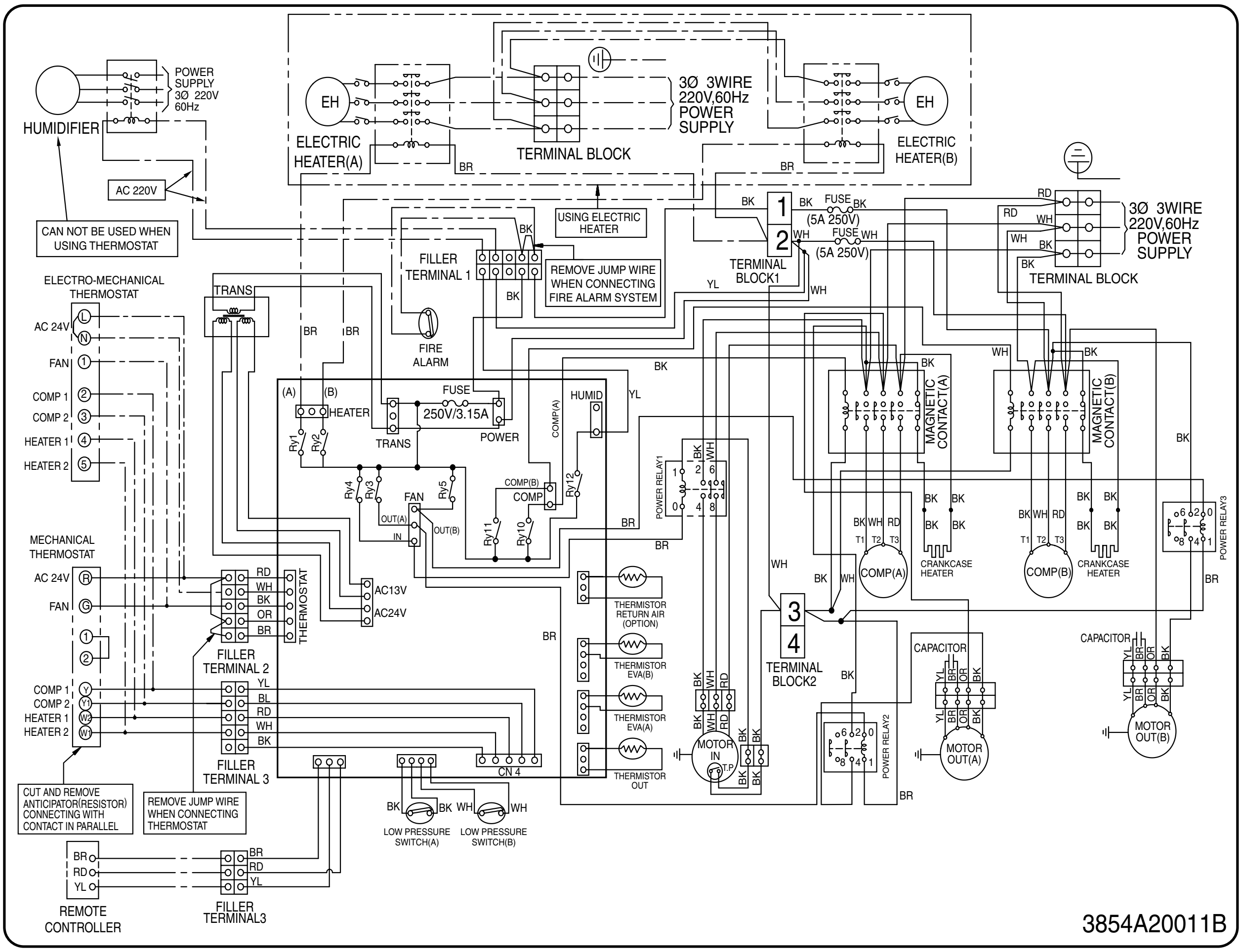
Model No.: LK-1590CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

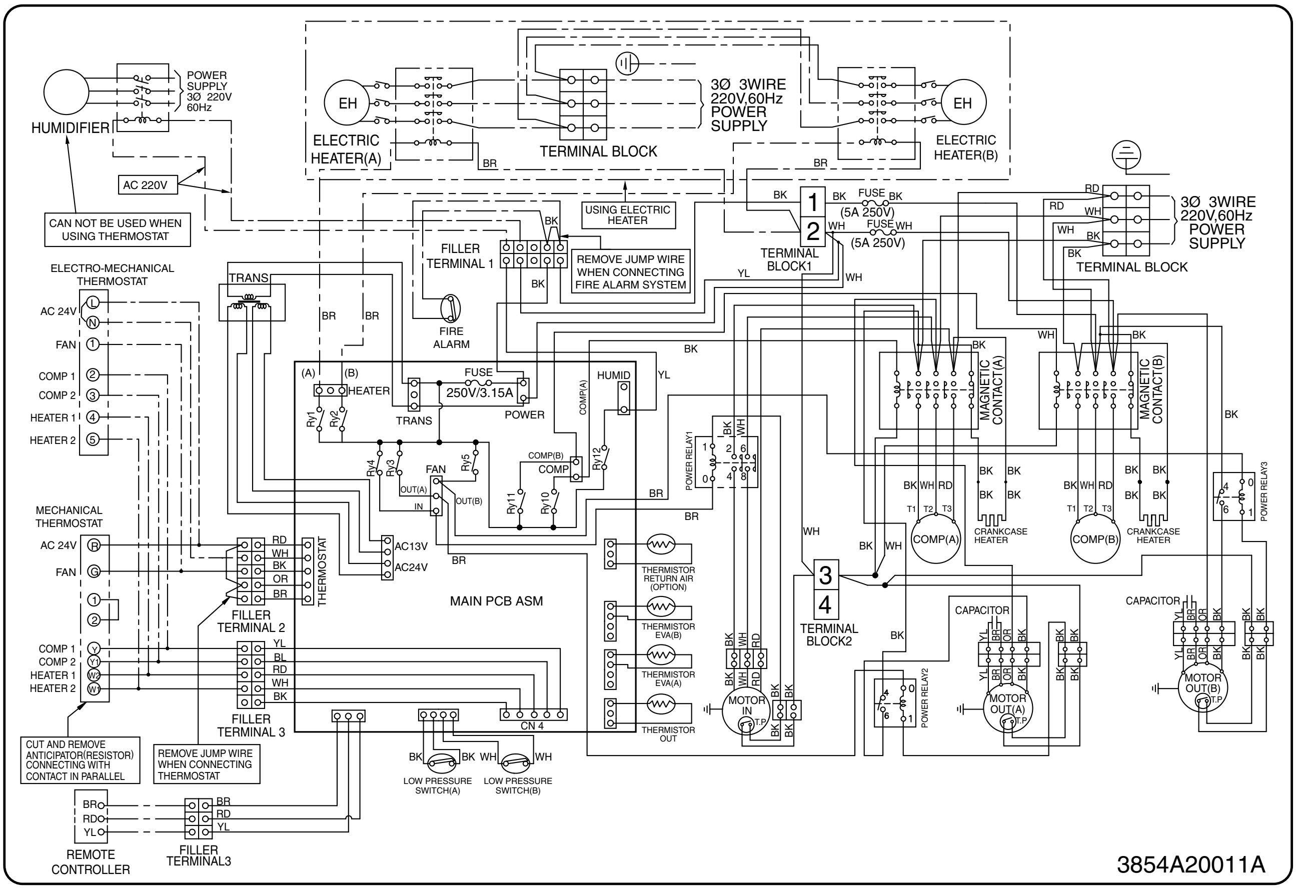
Model No.: LK-15B0CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

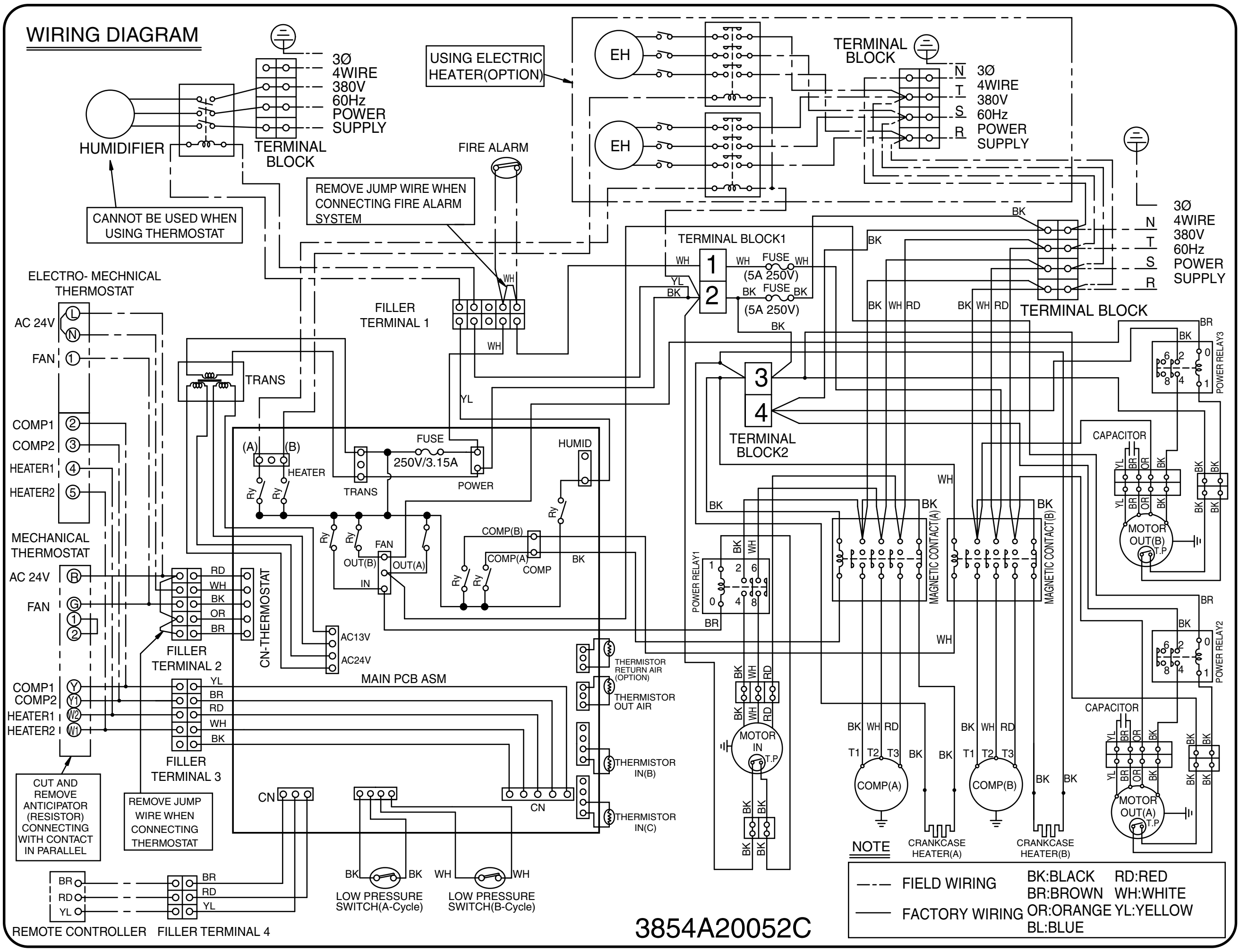
Model No.: LK-18B0CH/LK-20B0CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

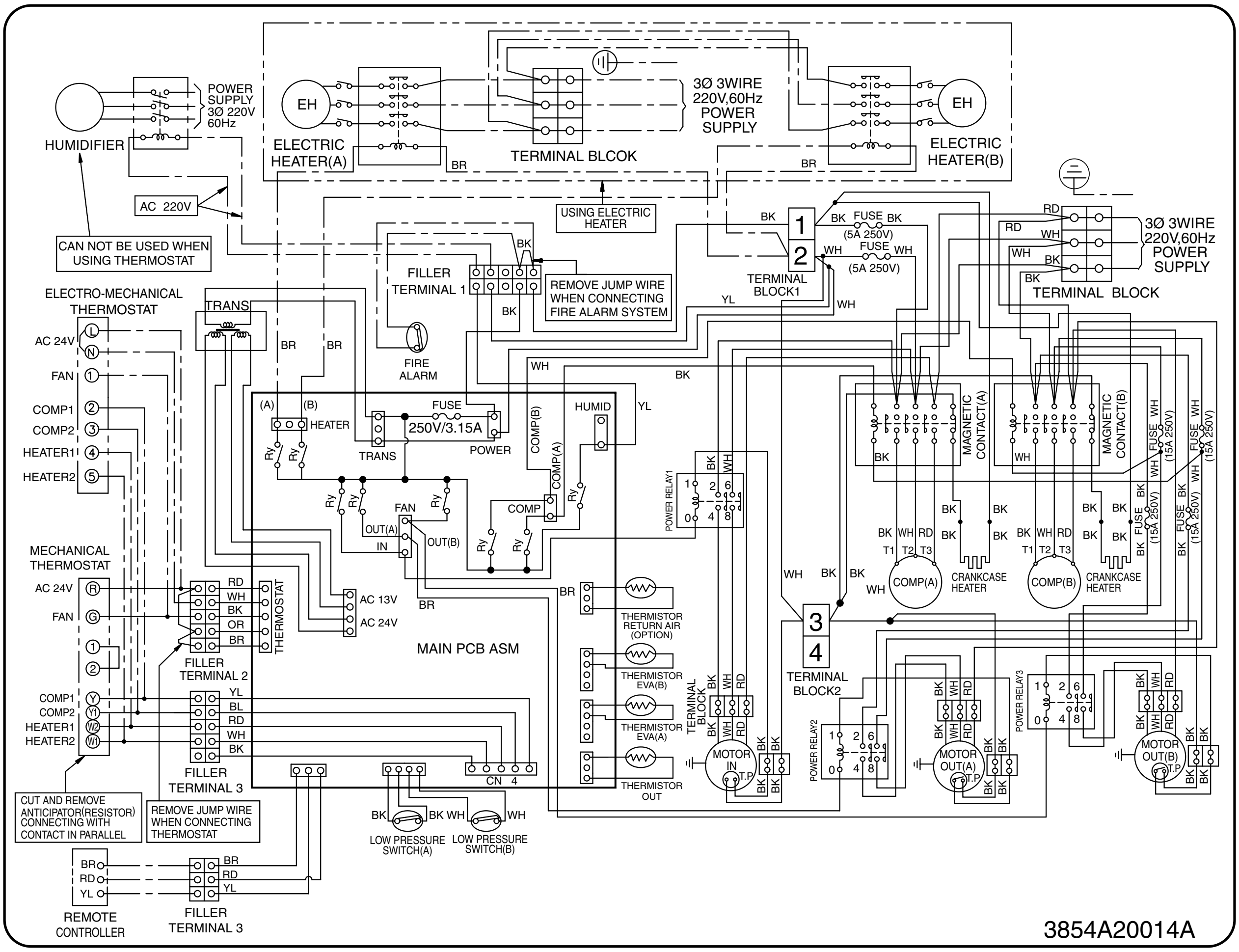
Model No.: LK-2590CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

Model No.: LK-25B0CH



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

8. Selection procedure

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....83,000 Btu/h
b. Sensible Cooling Capacity..58,000 Btu/h
c. Heating Capacity ....60,000 Btu/h
d. Outdoor Entering-air Temperature ....95°F
e. Indoor Entering-air Temp.(D.B/W.B) ....80°F/67°F
f. Indoor air-flow...3,000 CFM
g. Electrical Characteristics(V-Ph-Hz) 220-3-60
h. External static pressure ....0.57 in.Aq.

Step 2. Select unit based on required cooling capacity.

Based on Total Cooling Capacity, choose suitable Model from Specifications table.

7.5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (MBH) LK-0890CH/LK-08B0CH (English) table, at 3,000 CFM and 95°F DB outdoor ambient temperature, with 80°F DB. 67°F WB air entering temperature. Total cooling capacity= 92,000 Btu/h, Sensible capacity = 68,100 Btu/h

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of CFM & static pressure. To determine the total unit static pressure.

External Static(Duct system)	0.57 in.Aq.
Standard Filter	0.08 in.Aq.
Electric heater size 18kW	0.03 in.Aq.
Total static pressure	0.68 in.Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 0.60 in.Aq.
With 3,000 CFM and 0.60 in.Aq., Evaporator Fan Performance LK-0890CH/LK-08B0CH (English) table shows 1.27 BHP for this unit.
FAN MOTOR HEAT;
3.26 x BHP = MBH
3.26 x 1.27 = 4.1 MBH
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	92.0 MBH - 4.1 MBH = 87.9 MBH
Net sensible cooling	68.1 MBH - 4.1MBH = 64.0 MBH

• MBH = 1000 Btu/h

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Step 6. Verify the motor size(standard/oversize) from Evaporator Fan Performance LK-0890CH/LK-08B0CH (English) table, based on CFM & ESP, HP=1.27 at 888 rpm, 1.5 HP standard motor.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 60,000 Btu/h.
The electric heat acessory capacities are listed in Electric Heating Capacity table.
From the Electric Heating Capacity table select, 18 kW electric heater with output 61.43 MBH = 61,430 Btu/h.

Cooling

Step 1. **Based on building's cooling load calculation from ASHRAE or any approved standard method.**

a. Cooling Capacity ....24.3 kW
b. Sensible Cooling Capacity..17.0 kW
c. Heating Capacity ....17.6 kW
d. Outdoor Entering-air Temperature ....35°C
e. Indoor Entering-air Temp.(D.B/W.B) ....26.7°C/19.4°C
f. Indoor air-flow..1416 l/s
g. Electrical Characteristics(V-Ph-Hz) 220-3-60
h. External static pressure ....14.5mmAq.

Step 2. **Select unit based on required cooling capacity.**

Based on total cooling capacity, choose suitable Model from Specifications table.

7.5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (kW) LK-0890CH/LK-08B0CH (SI) table, at 1416 l/s and 35°C DB outdoor ambient temperature, with 26.7°C DB. 19.4°C WB air entering temperature.
Total cooling capacity= 27.0 kW, Sensible capacity = 20.0 kW

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of l/s & static pressure. To determine the total unit static pressure.

External Static(Duct system)	14.50 mm Aq
Standard Filter	2.03 mm Aq
Electric heater size 18kW	0.76 mm Aq
Total static pressure	17.29 mm Aq

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 15.26 mmAq.
With 1416 l/s and 15.26mmAq., Evaporator Fan Performance LK-0890CH/LK-08B0CH (SI) table shows 0.95 BkW for this unit.
FAN MOTOR HEAT;
1.28 x BkW = kW
1.28 x 0.95 = 1.2 kW
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	27.0 kW - 1.2 kW = 25.8 kW
Net sensible cooling	20.0 kW - 1.2 kW = 18.8 kW

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Step 6. Verify the motor size(standard/oversized) from Evaporator Fan Performance LK-0890CH/LK-08B0CH (SI) table, based on l/s & ESP, kW=0.95 at 888 rpm, 1.5 HP standard motor.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 17.6kW (given).

$$17.6\text{kW} = \frac{12}{3.5167} \times 17.6 = 60.05 \text{ MBH}$$

The electric heat accessory capacities are listed in Electric Heating Capacity table. From the table select, 18kW Electric Heater with output 61.43 MBH.

9. Performance data

Gross Cooling Capacity (kW) LK-06B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
944	23.9	18.8	14.7	5.79	20.8	11.1	5.97	22.4	4.9	6.08	18.2	15.0	6.39	20.1	11.3	6.59	21.6	5.0	6.71
	26.7	19.7	16.9	5.81	21.2	13.9	5.99	22.4	9.1	6.10	19.0	17.2	6.41	20.5	14.2	6.61	21.6	9.3	6.73
	29.4	20.4	18.5	5.82	21.5	16.8	6.01	22.3	12.6	6.12	19.7	18.9	6.43	20.8	17.1	6.63	21.6	12.9	6.75
	32.2	21.1	19.5	5.84	21.7	18.7	6.03	22.2	15.4	6.14	20.3	19.9	6.44	21.0	19.0	6.65	21.4	15.7	6.77
1062	23.9	19.8	15.8	5.84	21.9	11.9	6.02	23.6	5.3	6.14	19.1	16.1	6.44	21.1	12.2	6.64	22.7	5.4	6.76
	26.7	20.7	18.1	5.86	22.3	15.0	6.04	23.6	9.8	6.15	19.9	18.5	6.46	21.5	15.2	6.66	22.7	10.0	6.78
	29.4	21.5	19.8	5.88	22.6	18.0	6.06	23.5	13.5	6.17	20.7	20.2	6.48	21.8	18.4	6.68	22.7	13.8	6.80
	32.2	22.2	20.9	5.89	22.9	20.0	6.08	23.4	16.5	6.19	21.4	21.3	6.49	22.1	20.4	6.70	22.5	16.8	6.82
1180	23.9	20.2	16.6	5.89	22.4	12.6	6.08	24.1	5.5	6.19	19.5	16.9	6.51	21.6	12.8	6.72	23.2	5.7	6.84
	26.7	21.1	19.1	5.91	22.8	15.7	6.09	24.1	10.3	6.21	20.4	19.4	6.53	22.0	16.0	6.74	23.2	10.5	6.86
	29.4	21.9	20.9	5.93	23.1	19.0	6.11	24.0	14.3	6.23	21.1	21.1	6.55	22.3	19.3	6.76	23.2	14.5	6.88
	32.2	22.6	22.0	5.94	23.4	21.1	6.13	23.9	17.4	6.24	21.8	21.8	6.57	22.5	21.5	6.78	23.0	17.7	6.90
1298	23.9	20.7	17.1	5.94	22.9	12.9	6.13	24.6	5.7	6.24	20.0	17.4	6.54	22.1	13.2	6.74	23.7	5.8	6.87
	26.7	21.6	19.6	5.96	23.3	16.2	6.15	24.6	10.6	6.26	20.8	20.0	6.56	22.5	16.5	6.76	23.7	10.8	6.89
	29.4	22.4	21.5	5.98	23.6	19.5	6.16	24.5	14.7	6.28	21.6	21.6	6.58	22.8	19.9	6.78	23.7	15.0	6.91
	32.2	23.1	22.7	5.99	23.9	21.7	6.18	24.4	17.9	6.30	22.3	22.3	6.60	23.0	22.1	6.80	23.5	18.2	6.93
1416	23.9	20.9	17.5	5.99	23.1	13.3	6.18	24.8	5.9	6.29	20.1	17.9	6.59	22.2	13.5	6.79	23.9	6.0	6.92
	26.7	21.8	20.1	6.01	23.5	16.6	6.20	24.8	10.9	6.31	21.0	20.2	6.61	22.6	17.0	6.82	23.9	11.1	6.94
	29.4	22.6	22.1	6.03	23.8	20.0	6.22	24.7	15.1	6.33	21.8	21.8	6.63	23.0	20.4	6.84	23.9	15.4	6.96
	32.2	23.3	23.3	6.04	24.1	22.3	6.23	24.6	18.4	6.35	22.5	22.5	6.65	23.2	22.7	6.86	23.7	18.7	6.98

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
944	23.9	17.2	14.3	6.87	19.0	10.8	7.09	20.4	4.8	7.22	16.1	13.8	7.27	17.8	10.5	7.50	19.1	4.6	7.64	14.7	13.0	7.60	16.3	9.9	7.84	17.5	4.4	7.99
	26.7	17.9	16.4	6.89	19.4	13.6	7.11	20.5	8.9	7.24	16.8	15.8	7.29	18.1	13.1	7.52	19.1	8.6	7.66	15.4	15.0	7.63	16.6	12.4	7.87	17.5	8.1	8.01
	29.4	18.6	18.0	6.91	19.6	16.4	7.13	20.4	12.3	7.26	17.4	17.4	7.31	18.4	15.8	7.54	19.1	11.9	7.68	16.0	16.0	7.65	16.8	14.9	7.89	17.5	11.2	8.04
	32.2	19.2	19.0	6.93	19.8	18.2	7.15	20.3	15.0	7.28	18.0	18.0	7.33	18.6	17.5	7.57	18.9	14.4	7.71	16.5	16.5	7.67	17.0	16.5	7.91	17.4	13.6	8.06
1062	23.9	18.1	15.4	6.92	20.0	11.6	7.14	21.5	5.1	7.27	16.9	14.8	7.32	18.7	11.2	7.55	20.1	4.9	7.69	15.5	14.0	7.65	17.1	10.6	7.90	18.4	4.7	8.04
	26.7	18.9	17.6	6.94	20.4	14.6	7.16	21.5	9.5	7.29	17.6	17.0	7.34	19.0	14.0	7.57	20.1	9.2	7.71	16.2	16.1	7.68	17.5	13.3	7.92	18.4	8.7	8.07
	29.4	19.6	19.3	6.96	20.7	17.5	7.18	21.5	13.2	7.31	18.3	18.3	7.36	19.3	16.9	7.60	20.0	12.7	7.74	16.8	16.8	7.70	17.7	16.0	7.94	18.4	12.0	8.09
	32.2	20.2	20.2	6.98	20.9	19.5	7.20	21.3	16.1	7.34	18.9	18.9	7.38	19.5	18.8	7.62	19.9	15.5	7.76	17.3	17.3	7.72	17.9	17.7	7.97	18.3	14.6	8.11
1180	23.9	18.5	16.2	6.97	20.4	12.2	7.19	22.0	5.4	7.32	17.3	15.6	7.37	19.1	11.8	7.60	20.5	5.2	7.74	15.8	14.7	7.70	17.5	11.2	7.95	18.8	4.9	8.09
	26.7	19.3	18.6	6.99	20.8	15.3	7.21	22.0	10.0	7.35	18.0	17.9	7.39	19.4	14.8	7.62	20.5	9.7	7.77	16.5	16.5	7.73	17.8	14.0	7.97	18.8	9.1	8.12
	29.4	20.0	20.0	7.01	21.1	18.5	7.23	21.9	13.9	7.37	18.7	18.7	7.41	19.7	17.8	7.65	20.5	13.4	7.79	17.2	17.2	7.75	18.1	16.8	8.00	18.8	12.7	8.14
	32.2	20.7	20.7	7.03	21.3	20.5	7.25	21.8	16.9	7.39	19.3	19.3	7.44	19.9	19.8	7.67	20.4	16.3	7.81	17.7	17.7	7.77	18.3	18.3	8.02	18.7	15.4	8.17
1298	23.9	18.9	16.6	7.02	20.9	12.6	7.24	22.5	5.6	7.38	17.7	16.0	7.42	19.5	12.1	7.65	21.0	5.4	7.80	16.2	15.2	7.75	17.9	11.5	8.00	19.2	5.1	8.15
	26.7	19.7	19.1	7.04	21.3	15.8	7.26	22.5	10.3	7.40	18.4	18.4	7.44	19.9	15.2	7.68	21.0	10.0	7.82	16.9	16.9	7.78	18.2	14.4	8.02	19.3	9.4	8.17
	29.4	20.5	20.5	7.06	21.6	19.0	7.29	22.4	14.3	7.42	19.1	19.1	7.46	20.2	18.3	7.70	20.9	13.8	7.84	17.5	17.5	7.80	18.5	17.3	8.05	19.2	13.0	8.20
	32.2	21.1	21.1	7.08	21.8	21.1	7.31	22.3	17.4	7.44	19.7	19.7	7.49	20.4	20.4	7.72	20.8	16.8	7.87	18.1	18.1	7.82	18.7	18.7	8.07	19.1	15.9	8.22
1416	23.9	19.0	17.1	7.07	21.0	12.9	7.29	22.6	5.7	7.43	17.8	16.5	7.47	19.7	12.5	7.70	21.1	5.5	7.85	16.3	15.6	7.80	18.0	11.8	8.05	19.4	5.2	8.20
	26.7	19.9	19.6	7.09	21.4	16.2	7.32	22.6	10.6	7.45	18.6	18.6	7.49	20.0	15.6	7.73	21.2	10.2	7.87	17.0	17.0	7.83	18.4	14.8	8.07	19.4	9.7	8.22
	29.4	20.6	20.6	7.11	21.7	19.5	7.34	22.6	14.7	7.47	19.3	19.3	7.51	20.3	18.8	7.75	21.1	14.1	7.89	17.7	17.7	7.85	18.6	17.8	8.10	19.4	13.4	8.25
	32.2	21.3	21.3	7.13	22.0	21.7	7.36	22.4	17.9	7.50	19.9	19.9	7.54	20.5	20.5	7.77	21.0	17.2	7.92	18.2	18.2	7.87	18.8	18.8	8.12	19.2	16.3	8.27

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-0890CH/LK-08B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1133	23.9	23.1	18.0	7.73	25.6	13.7	7.97	27.5	6.0	8.12	22.3	18.4	8.52	24.7	13.9	8.79	26.5	6.1	8.96
	26.7	24.1	20.7	7.75	26.0	17.1	7.99	27.5	11.2	8.14	23.3	21.1	8.55	25.1	17.4	8.82	26.5	11.4	8.98
	29.4	25.0	22.7	7.77	26.4	20.6	8.02	27.4	15.5	8.17	24.1	23.1	8.57	25.5	21.0	8.84	26.4	15.8	9.01
	32.2	25.9	23.9	7.80	26.7	22.9	8.04	27.2	18.9	8.19	24.9	24.4	8.60	25.7	23.3	8.87	26.3	19.2	9.04
1274	23.9	24.3	19.3	7.79	26.9	14.6	8.04	28.9	6.5	8.19	23.5	19.7	8.59	25.9	14.9	8.86	27.9	6.6	9.03
	26.7	25.4	22.2	7.82	27.4	18.3	8.06	28.9	12.0	8.21	24.5	22.6	8.62	26.4	18.7	8.89	27.9	12.2	9.05
	29.4	26.3	24.3	7.84	27.8	22.1	8.09	28.8	16.6	8.24	25.4	24.8	8.64	26.8	22.5	8.91	27.8	16.9	9.08
	32.2	27.2	25.6	7.86	28.1	24.5	8.11	28.7	20.2	8.26	26.2	26.1	8.67	27.1	25.0	8.94	27.6	20.6	9.11
1416	23.9	24.8	20.6	7.86	27.5	15.6	8.11	29.5	6.9	8.26	24.0	21.0	8.69	26.5	15.9	8.96	28.5	7.0	9.13
	26.7	25.9	23.7	7.88	27.9	19.6	8.13	29.5	12.8	8.28	25.0	24.2	8.72	27.0	20.0	8.99	28.5	13.1	9.16
	29.4	26.9	26.0	7.91	28.4	23.6	8.16	29.4	17.7	8.31	25.9	25.9	8.74	27.4	24.0	9.02	28.4	18.1	9.18
	32.2	27.8	27.4	7.93	28.7	26.2	8.18	29.3	21.6	8.33	26.8	26.8	8.77	27.6	26.7	9.04	28.2	22.0	9.21
1557	23.9	25.4	21.0	7.93	28.1	15.9	8.18	30.2	7.0	8.33	24.5	21.4	8.72	27.1	16.2	9.00	29.1	7.1	9.17
	26.7	26.5	24.1	7.95	28.6	19.9	8.20	30.2	13.0	8.35	25.6	24.5	8.75	27.6	20.3	9.03	29.1	13.3	9.19
	29.4	27.5	26.4	7.97	29.0	23.9	8.23	30.1	18.0	8.38	26.5	26.5	8.78	28.0	24.4	9.05	29.0	18.4	9.22
	32.2	28.4	27.8	8.00	29.3	26.6	8.25	29.9	21.9	8.40	27.4	27.4	8.80	28.3	27.1	9.08	28.9	22.4	9.25
1699	23.9	25.6	21.5	7.99	28.3	16.3	8.25	30.4	7.2	8.40	24.7	21.9	8.79	27.3	16.6	9.07	29.3	7.3	9.24
	26.7	26.7	24.7	8.02	28.8	20.4	8.27	30.4	13.4	8.42	25.7	24.7	8.82	27.8	20.8	9.09	29.3	13.6	9.26
	29.4	27.7	27.1	8.04	29.2	24.6	8.30	30.3	18.5	8.45	26.7	26.7	8.84	28.2	25.1	9.12	29.3	18.8	9.29
	32.2	28.6	28.5	8.07	29.5	27.3	8.32	30.2	22.5	8.47	27.6	27.6	8.87	28.5	27.8	9.15	29.1	22.9	9.32

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1133	23.9	21.1	17.6	9.17	23.3	13.3	9.46	25.1	5.9	9.63	19.7	16.9	9.70	21.8	12.8	10.01	23.4	5.7	10.19	"18.1	16.0	10.15	20.0	12.1	10.47	21.5	5.3	10.66
	26.7	22.0	20.2	9.20	23.7	16.7	9.49	25.1	10.9	9.66	20.6	19.4	9.73	22.2	16.1	10.04	23.4	10.5	10.22	18.9	18.4	10.18	20.4	15.2	10.50	21.5	9.9	10.69
	29.4	22.8	22.1	9.22	24.1	20.1	9.51	25.0	15.1	9.69	21.4	21.3	9.76	22.5	19.3	10.07	23.4	14.5	10.25	19.6	19.6	10.21	20.7	18.3	10.53	21.5	13.7	10.73
	32.2	23.6	23.3	9.25	24.3	22.3	9.54	24.9	18.4	9.72	22.1	22.1	9.79	22.8	21.5	10.10	23.2	17.7	10.28	20.2	20.2	10.24	20.9	20.3	10.56	21.3	16.7	10.76
1274	23.9	22.2	18.8	9.23	24.5	14.3	9.53	26.4	6.3	9.70	20.7	18.2	9.77	22.9	13.7	10.08	24.7	6.1	10.26	19.0	17.2	10.21	21.0	13.0	10.54	22.6	5.7	10.73
	26.7	23.2	21.6	9.26	25.0	17.9	9.55	26.4	11.7	9.73	21.6	20.8	9.80	23.3	17.2	10.11	24.7	11.3	10.29	19.8	19.7	10.25	21.4	16.3	10.57	22.6	10.7	10.76
	29.4	24.0	23.7	9.29	25.3	21.5	9.58	26.3	16.2	9.76	22.5	22.5	9.83	23.7	20.7	10.14	24.6	15.6	10.32	20.6	20.6	10.28	21.7	19.6	10.60	22.6	14.7	10.80
	32.2	24.8	24.8	9.32	25.6	23.9	9.61	26.2	19.7	9.79	23.2	23.2	9.86	23.9	23.0	10.17	24.4	19.0	10.35	21.3	21.3	10.31	22.0	21.8	10.63	22.4	17.9	10.83
1416	23.9	22.7	20.1	9.30	25.1	15.2	9.59	26.9	6.7	9.77	21.2	19.4	9.83	23.4	14.7	10.14	25.2	6.5	10.33	19.4	18.3	10.28	21.5	13.9	10.61	23.1	6.1	10.80
	26.7	23.6	23.1	9.33	25.5	19.1	9.62	27.0	12.5	9.80	22.1	22.1	9.86	23.8	18.4	10.17	25.2	12.0	10.36	20.3	20.3	10.31	21.9	17.4	10.64	23.1	11.4	10.83
	29.4	24.5	24.5	9.36	25.9	23.0	9.65	26.9	17.3	9.83	22.9	22.9	9.89	24.2	22.1	10.21	25.1	16.6	10.39	21.0	21.0	10.34	22.2	20.9	10.67	23.0	15.7	10.87
	32.2	25.3	25.3	9.39	26.2	25.5	9.68	26.7	21.0	9.86	23.7	23.7	9.92	24.4	24.4	10.24	25.0	20.3	10.43	21.7	21.7	10.37	22.4	22.4	10.70	22.9	19.2	10.90
1557	23.9	23.2	20.4	9.37	25.6	15.5	9.66	27.5	6.8	9.84	21.7	19.7	9.90	23.9	14.9	10.21	25.7	6.6	10.40	19.9	18.6	10.35	22.0	14.1	10.67	23.6	6.2	10.87
	26.7	24.2	23.4	9.40	26.1	19.4	9.69	27.6	12.7	9.87	22.6	22.6	9.93	24.4	18.7	10.24	25.8	12.2	10.43	20.7	20.7	10.38	22.4	17.6	10.71	23.6	11.6	10.91
	29.4	25.1	25.1	9.42	26.5	23.3	9.72	27.5	17.5	9.90	23.4	23.4	9.96	24.7	22.5	10.27	25.7	16.9	10.47	21.5	21.5	10.41	22.7	21.2	10.74	23.6	16.0	10.94
	32.2	25.9	25.9	9.45	26.7	25.9	9.75	27.3	21.4	9.93	24.2	24.2	9.99	25.0	25.0	10.31	25.5	20.6	10.50	22.2	22.2	10.44	22.9	22.9	10.77	23.4	19.5	10.97
1699	23.9	23.4	21.0	9.43	25.8	15.9	9.73	27.8	7.0	9.91	21.8	20.2	9.97	24.1	15.3	10.28	25.9	6.8	10.47	20.0	19.1	10.41	22.1	14.5	10.74	23.8	6.4	10.94
	26.7	24.4	24.1	9.46	26.3	19.9	9.76	27.8	13.0	9.94	22.8	22.8	10.00	24.6	19.2	10.31	26.0	12.5	10.50	20.9	20.9	10.45	22.5	18.1	10.78	23.8	11.9	10.98
	29.4	25.3	25.3	9.49	26.7	23.9	9.79	27.7	18.0	9.97	23.6	23.6	10.03	24.9	23.1	10.34	25.9	17.3	10.54	21.7	21.7	10.48	22.9	21.8	10.81	23.7	16.4	11.01
	32.2	26.1	26.1	9.52	26.9	26.6	9.82	27.5	21.9	10.00	24.4	24.4	10.06	25.2	25.2	10.37	25.7	21.1	10.57	22.4	22.4	10.51	23.1	23.1	10.84	23.6	20.0	11.04

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-09B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1284	23.9	26.9	21.0	7.95	29.7	15.9	8.20	32.0	7.0	8.35	25.9	21.4	8.77	28.7	16.2	9.05	30.8	7.1	9.21
	26.7	28.1	24.1	7.97	30.3	19.9	8.23	32.0	13.0	8.38	27.1	24.6	8.80	29.2	20.3	9.07	30.8	13.3	9.24
	29.4	29.1	26.4	8.00	30.7	24.0	8.25	31.9	18.0	8.40	28.1	26.9	8.82	29.6	24.4	9.10	30.8	18.4	9.27
	32.2	30.1	27.8	8.02	31.0	26.6	8.28	31.7	21.9	8.43	29.0	28.3	8.85	29.9	27.1	9.13	30.6	22.4	9.30
1444	23.9	28.3	22.5	8.02	31.3	17.0	8.27	33.6	7.5	8.43	27.3	22.9	8.84	30.2	17.4	9.12	32.4	7.7	9.29
	26.7	29.5	25.8	8.04	31.8	21.3	8.30	33.6	14.0	8.45	28.5	26.3	8.87	30.7	21.7	9.14	32.4	14.2	9.31
	29.4	30.6	28.3	8.07	32.3	25.7	8.32	33.5	19.3	8.48	29.5	28.9	8.89	31.1	26.2	9.17	32.3	19.7	9.34
	32.2	31.6	29.8	8.09	32.6	28.5	8.35	33.3	23.5	8.50	30.5	30.4	8.92	31.5	29.1	9.20	32.2	24.0	9.37
1604	23.9	28.9	23.7	8.09	31.9	17.9	8.34	34.3	7.9	8.50	27.9	24.1	8.94	30.8	18.3	9.22	33.1	8.1	9.39
	26.7	30.1	27.2	8.11	32.5	22.5	8.37	34.3	14.7	8.52	29.1	27.7	8.97	31.4	22.9	9.25	33.1	15.0	9.42
	29.4	31.3	29.8	8.14	33.0	27.1	8.39	34.3	20.3	8.55	30.2	30.2	8.99	31.8	27.6	9.28	33.0	20.7	9.45
	32.2	32.3	31.4	8.16	33.3	30.1	8.42	34.0	24.8	8.57	31.2	31.2	9.02	32.2	30.6	9.31	32.8	25.3	9.48
1765	23.9	29.5	24.4	8.16	32.6	18.5	8.41	35.1	8.2	8.57	28.5	24.9	8.98	31.5	18.8	9.26	33.9	8.3	9.43
	26.7	30.8	28.0	8.18	33.2	23.1	8.44	35.1	15.1	8.60	29.7	28.5	9.00	32.1	23.6	9.29	33.9	15.4	9.46
	29.4	32.0	30.7	8.21	33.7	27.9	8.46	35.0	21.0	8.62	30.8	30.8	9.03	32.5	28.4	9.32	33.8	21.4	9.49
	32.2	33.0	32.3	8.23	34.1	30.9	8.49	34.8	25.5	8.65	31.9	31.9	9.06	32.9	31.5	9.34	33.6	26.0	9.52
1925	23.9	29.8	25.0	8.23	32.9	19.0	8.48	35.4	8.4	8.64	28.7	25.5	9.04	31.7	19.3	9.33	34.1	8.5	9.50
	26.7	31.0	28.7	8.25	33.5	23.7	8.51	35.4	15.5	8.67	29.9	28.8	9.07	32.3	24.2	9.36	34.1	15.8	9.53
	29.4	32.2	31.5	8.27	34.0	28.6	8.54	35.3	21.5	8.69	31.1	31.1	9.10	32.8	29.1	9.39	34.0	21.9	9.56
	32.2	33.3	33.2	8.30	34.3	31.8	8.56	35.1	26.2	8.72	32.1	32.1	9.13	33.1	32.4	9.41	33.8	26.7	9.59

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1284	23.9	24.5	20.4	9.43	27.1	15.5	9.73	29.2	6.8	9.91	22.9	19.7	9.98	25.4	14.9	10.30	27.3	6.6	10.49	21.0	18.6	10.44	23.3	14.1	10.77	25.0	6.2	10.97
	26.7	25.6	23.5	9.46	27.6	19.4	9.76	29.2	12.7	9.94	23.9	22.6	10.01	25.8	18.7	10.33	27.3	12.2	10.52	21.9	21.4	10.47	23.7	17.6	10.80	25.0	11.6	11.00
	29.4	26.6	25.7	9.49	28.0	23.3	9.79	29.1	17.5	9.97	24.8	24.8	10.04	26.2	22.5	10.36	27.2	16.9	10.55	22.8	22.8	10.50	24.0	21.3	10.84	24.9	16.0	11.04
	32.2	27.4	27.1	9.52	28.3	25.9	9.82	28.9	21.4	10.00	25.6	25.6	10.07	26.5	25.0	10.39	27.0	20.6	10.58	23.5	23.5	10.54	24.3	23.6	10.87	24.8	19.5	11.07
1444	23.9	25.8	21.9	9.50	28.5	16.6	9.80	30.7	7.3	9.98	24.1	21.1	10.05	26.7	16.0	10.37	28.7	7.1	10.56	22.1	20.0	10.51	24.5	15.1	10.84	26.3	6.7	11.04
	26.7	26.9	25.2	9.53	29.0	20.8	9.83	30.7	13.6	10.01	25.2	24.2	10.08	27.1	20.0	10.40	28.7	13.1	10.59	23.1	22.9	10.54	24.9	18.9	10.87	26.3	12.4	11.08
	29.4	27.9	27.6	9.56	29.5	25.0	9.86	30.6	18.8	10.04	26.1	26.1	10.11	27.5	24.1	10.43	28.6	18.1	10.62	24.0	24.0	10.57	25.3	22.8	10.91	26.2	17.1	11.11
	32.2	28.9	28.9	9.59	29.8	27.8	9.89	30.4	22.9	10.07	27.0	27.0	10.14	27.8	26.8	10.46	28.4	22.1	10.65	24.7	24.7	10.61	25.5	25.3	10.94	26.1	20.9	11.14
1604	23.9	26.4	23.1	9.57	29.1	17.5	9.87	31.3	7.7	10.06	24.6	22.2	10.12	27.2	16.8	10.44	29.3	7.4	10.63	22.6	21.0	10.58	25.0	15.9	10.91	26.9	7.0	11.12
	26.7	27.5	26.5	9.60	29.7	21.9	9.90	31.4	14.3	10.09	25.7	25.5	10.15	27.7	21.1	10.47	29.3	13.8	10.66	23.6	23.6	10.61	25.4	19.9	10.95	26.9	13.0	11.15
	29.4	28.5	28.5	9.63	30.1	26.3	9.93	31.3	19.8	10.12	26.7	26.7	10.18	28.1	25.4	10.50	29.2	19.1	10.70	24.5	24.5	10.64	25.8	24.0	10.98	26.8	18.0	11.18
	32.2	29.5	29.5	9.66	30.4	29.3	9.96	31.1	24.1	10.15	27.6	27.6	10.21	28.4	28.2	10.53	29.0	23.3	10.73	25.3	25.3	10.67	26.1	26.1	11.01	26.6	22.0	11.22
1765	23.9	26.9	23.7	9.64	29.8	18.0	9.94	32.0	7.9	10.13	25.2	22.9	10.19	27.8	17.3	10.51	29.9	7.6	10.70	23.1	21.6	10.65	25.5	16.4	10.98	27.5	7.2	11.19
	26.7	28.1	27.3	9.67	30.3	22.5	9.97	32.0	14.7	10.16	26.3	26.3	10.22	28.3	21.7	10.54	29.9	14.2	10.74	24.1	24.1	10.68	26.0	20.5	11.02	27.5	13.4	11.22
	29.4	29.2	29.2	9.70	30.8	27.1	10.00	32.0	20.4	10.19	27.3	27.3	10.25	28.8	26.1	10.57	29.9	19.7	10.77	25.0	25.0	10.71	26.4	24.7	11.05	27.4	18.6	11.25
	32.2	30.1	30.1	9.73	31.1	30.1	10.03	31.8	24.8	10.22	28.2	28.2	10.28	29.1	29.0	10.60	29.7	23.9	10.80	25.8	25.8	10.74	26.7	26.7	11.08	27.2	22.6	11.29
1925	23.9	27.2	24.4	9.71	30.0	18.5	10.01	32.3	8.1	10.20	25.4	23.5	10.26	28.1	17.8	10.58	30.2	7.9	10.78	23.3	22.2	10.72	25.7	16.8	11.05	27.7	7.4	11.26
	26.7	28.3	28.0	9.74	30.6	23.1	10.04	32.3	15.1	10.23	26.5	26.5	10.29	28.6	22.3	10.61	30.2	14.6	10.81	24.3	24.3	10.75	26.2	21.1	11.09	27.7	13.8	11.29
	29.4	29.4	29.4	9.77	31.0	27.8	10.07	32.2	20.9	10.26	27.5	27.5	10.32	29.0	26.8	10.64	30.1	20.2	10.84	25.2	25.2	10.78	26.6	25.4	11.12	27.6	19.1	11.33
	32.2	30.4	30.4	9.80	31.3	30.9	10.11	32.0	25.5	10.29	28.4	28.4	10.35	29.3	29.3	10.68	29.9	24.6	10.87	26.0	26.0	10.81	26.9	26.9	11.15	27.4	23.2	11.36

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-1090CH/LK-10B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1510	23.9	31.6	24.7	9.62	35.0	18.7	9.93	37.6	8.3	10.11	30.5	25.2	10.62	33.7	19.1	10.95	36.3	8.4	11.15
	26.7	33.0	28.3	9.65	35.6	23.4	9.96	37.6	15.3	10.14	31.8	28.9	10.65	34.3	23.9	10.98	36.3	15.6	11.19
	29.4	34.3	31.1	9.68	36.1	28.2	9.99	37.5	21.2	10.17	33.0	31.7	10.68	34.8	28.7	11.02	36.2	21.6	11.22
	32.2	35.4	32.7	9.71	36.5	31.3	10.02	37.3	25.8	10.20	34.1	33.3	10.71	35.2	31.9	11.05	36.0	26.3	11.25
1699	23.9	33.3	26.5	9.71	36.8	20.0	10.01	39.5	8.8	10.20	32.1	27.0	10.70	35.5	20.4	11.04	38.2	9.0	11.24
	26.7	34.7	30.4	9.74	37.4	25.1	10.04	39.6	16.4	10.23	33.5	31.0	10.73	36.1	25.6	11.07	38.2	16.8	11.28
	29.4	36.0	33.3	9.77	38.0	30.2	10.07	39.5	22.7	10.26	34.8	34.0	10.76	36.6	30.8	11.10	38.1	23.2	11.31
	32.2	37.2	35.1	9.80	38.4	33.6	10.10	39.2	27.7	10.29	35.9	35.8	10.80	37.0	34.2	11.14	37.8	28.2	11.34
1888	23.9	34.0	29.0	9.79	37.6	22.0	10.10	40.4	9.7	10.29	32.8	29.6	10.82	36.2	22.4	11.16	39.0	9.9	11.37
	26.7	35.5	33.3	9.82	38.2	27.5	10.13	40.4	18.0	10.32	34.2	34.0	10.86	36.9	28.0	11.20	39.0	18.4	11.41
	29.4	36.8	36.5	9.85	38.8	33.1	10.16	40.3	24.9	10.35	35.5	35.5	10.89	37.4	33.8	11.23	38.9	25.4	11.44
	32.2	38.0	38.0	9.88	39.2	36.8	10.19	40.1	30.4	10.38	36.7	36.7	10.92	37.8	37.5	11.27	38.6	30.9	11.47
2076	23.9	34.7	28.7	9.87	38.4	21.7	10.19	41.3	9.6	10.37	33.5	29.2	10.87	37.1	22.1	11.21	39.8	9.8	11.42
	26.7	36.2	33.0	9.90	39.1	27.2	10.22	41.3	17.8	10.41	35.0	33.6	10.90	37.7	27.7	11.24	39.9	18.2	11.45
	29.4	37.6	36.1	9.93	39.7	32.8	10.25	41.2	24.7	10.44	36.3	36.3	10.93	38.3	33.4	11.28	39.7	25.1	11.49
	32.2	38.8	38.0	9.96	40.1	36.4	10.28	40.9	30.0	10.47	37.5	37.5	10.96	38.7	37.1	11.31	39.5	30.6	11.52
2265	23.9	35.0	29.5	9.96	38.7	22.3	10.27	41.6	9.8	10.46	33.8	30.0	10.95	37.3	22.7	11.29	40.1	10.0	11.50
	26.7	36.5	33.8	9.99	39.4	27.9	10.30	41.6	18.3	10.49	35.2	33.8	10.98	38.0	28.5	11.33	40.2	18.6	11.54
	29.4	37.9	37.1	10.02	40.0	33.6	10.33	41.5	25.3	10.52	36.6	36.6	11.01	38.6	34.3	11.36	40.1	25.8	11.57
	32.2	39.2	39.0	10.05	40.4	37.4	10.36	41.3	30.8	10.56	37.8	37.8	11.05	39.0	38.1	11.40	39.8	31.4	11.61

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1510	23.9	28.9	24.0	11.42	31.9	18.2	11.78	34.3	8.0	12.00	27.0	23.2	12.08	29.8	17.5	12.46	32.1	7.7	12.70	24.8	21.9	12.64	27.4	16.6	13.04	29.4	7.3	13.28
	26.7	30.1	27.6	11.45	32.5	22.8	11.81	34.3	14.9	12.03	28.2	26.6	12.12	30.4	22.0	12.50	32.1	14.4	12.73	25.8	25.1	12.68	27.9	20.8	13.08	29.4	13.6	13.32
	29.4	31.3	30.2	11.49	33.0	27.5	11.85	34.2	20.6	12.07	29.2	29.2	12.16	30.8	26.5	12.54	32.0	19.9	12.77	26.8	26.8	12.72	28.3	25.0	13.12	29.4	18.8	13.36
	32.2	32.3	31.9	11.52	33.3	30.5	11.89	34.0	25.1	12.11	30.2	30.2	12.19	31.1	29.4	12.58	31.8	24.2	12.81	27.7	27.7	12.75	28.6	27.8	13.16	29.2	22.9	13.40
1699	23.9	30.4	25.8	11.50	33.6	19.5	11.87	36.1	8.6	12.09	28.4	24.8	12.17	31.4	18.8	12.55	33.7	8.3	12.78	26.0	23.5	12.72	28.8	17.8	13.12	30.9	7.8	13.37
	26.7	31.7	29.6	11.54	34.2	24.4	11.90	36.1	16.0	12.12	29.6	28.5	12.20	31.9	23.6	12.59	33.8	15.4	12.82	27.2	27.0	12.76	29.3	22.3	13.16	31.0	14.6	13.41
	29.4	32.9	32.4	11.57	34.7	29.4	11.94	36.0	22.1	12.16	30.7	30.7	12.24	32.4	28.4	12.63	33.7	21.3	12.86	28.2	28.2	12.80	29.7	26.8	13.20	30.9	20.2	13.45
	32.2	34.0	34.0	11.61	35.0	32.7	11.97	35.8	27.0	12.19	31.7	31.7	12.28	32.8	31.5	12.66	33.5	26.0	12.90	29.1	29.1	12.84	30.0	29.8	13.24	30.7	24.6	13.49
1888	23.9	31.0	28.3	11.59	34.3	21.4	11.95	36.9	9.4	12.17	29.0	27.2	12.25	32.1	20.6	12.64	34.5	9.1	12.87	26.6	25.7	12.81	29.4	19.5	13.21	31.6	8.6	13.46
	26.7	32.4	32.4	11.62	34.9	26.8	11.99	36.9	17.5	12.21	30.2	30.2	12.29	32.6	25.8	12.67	34.5	16.9	12.91	27.7	27.7	12.84	29.9	24.4	13.25	31.6	16.0	13.50
	29.4	33.6	33.6	11.66	35.4	32.3	12.02	36.8	24.3	12.25	31.4	31.4	12.32	33.1	31.1	12.71	34.4	23.4	12.95	28.8	28.8	12.88	30.4	29.4	13.29	31.5	22.1	13.54
	32.2	34.7	34.7	11.69	35.8	35.8	12.06	36.6	29.6	12.28	32.4	32.4	12.36	33.5	33.5	12.75	34.2	28.5	12.99	29.7	29.7	12.92	30.7	30.7	13.33	31.3	26.9	13.58
2076	23.9	31.7	27.9	11.67	35.1	21.2	12.04	37.7	9.3	12.26	29.6	26.9	12.33	32.8	20.4	12.72	35.2	9.0	12.96	27.2	25.5	12.89	30.1	19.3	13.30	32.3	8.5	13.54
	26.7	33.1	32.1	11.70	35.7	26.5	12.07	37.7	17.4	12.30	30.9	30.9	12.37	33.4	25.5	12.76	35.2	16.7	13.00	28.4	28.4	12.93	30.6	24.1	13.34	32.3	15.8	13.58
	29.4	34.3	34.3	11.74	36.2	31.9	12.11	37.6	24.0	12.33	32.1	32.1	12.41	33.8	30.8	12.80	35.1	23.1	13.04	29.4	29.4	12.97	31.0	29.1	13.38	32.2	21.9	13.62
	32.2	35.5	35.5	11.77	36.6	35.5	12.15	37.4	29.2	12.37	33.1	33.1	12.44	34.2	34.2	12.84	34.9	28.2	13.07	30.4	30.4	13.01	31.4	31.4	13.42	32.0	26.6	13.67
2265	23.9	32.0	28.7	11.75	35.3	21.7	12.12	38.0	9.6	12.35	29.9	27.6	12.42	33.0	20.9	12.81	35.5	9.2	13.04	27.4	26.1	12.97	30.3	19.8	13.38	32.6	8.7	13.63
	26.7	33.3	32.9	11.79	36.0	27.2	12.16	38.0	17.8	12.38	31.2	31.2	12.45	33.6	26.2	12.85	35.5	17.2	13.08	28.6	28.6	13.01	30.8	24.8	13.42	32.6	16.2	13.67
	29.4	34.6	34.6	11.82	36.5	32.8	12.20	37.9	24.6	12.42	32.3	32.3	12.49	34.1	31.6	12.88	35.4	23.7	13.12	29.7	29.7	13.05	31.3	29.8	13.46	32.5	22.4	13.71
	32.2	35.7	35.7	11.86	36.9	36.4	12.23	37.7	30.0	12.46	33.4	33.4	12.53	34.5	34.5	12.92	35.2	28.9	13.16	30.6	30.6	13.09	31.6	31.6	13.50	32.3	27.3	13.75

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-13B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1888	23.9	37.9	29.6	12.39	41.9	22.4	12.79	45.1	9.9	13.02	36.6	30.2	13.67	40.5	22.8	14.10	43.5	10.1	14.36
	26.7	39.6	34.0	12.43	42.7	28.1	12.82	45.1	18.4	13.06	38.2	34.6	13.71	41.2	28.6	14.15	43.5	18.7	14.41
	29.4	41.1	37.3	12.47	43.3	33.8	12.86	45.0	25.4	13.10	39.6	38.0	13.75	41.8	34.5	14.19	43.4	25.9	14.45
	32.2	42.4	39.2	12.51	43.8	37.6	12.90	44.7	31.0	13.14	40.9	40.0	13.79	42.2	38.3	14.23	43.1	31.6	14.49
2124	23.9	39.9	31.7	12.50	44.1	24.0	12.90	47.4	10.6	13.13	38.5	32.4	13.78	42.6	24.5	14.21	45.8	10.8	14.48
	26.7	41.6	36.5	12.54	44.9	30.1	12.93	47.5	19.7	13.17	40.2	37.2	13.82	43.3	30.7	14.26	45.8	20.1	14.52
	29.4	43.2	40.0	12.58	45.6	36.3	12.97	47.3	27.3	13.21	41.7	40.7	13.86	44.0	37.0	14.30	45.7	27.8	14.56
	32.2	44.6	42.1	12.61	46.1	40.3	13.01	47.0	33.2	13.25	43.1	42.9	13.90	44.4	41.1	14.34	45.4	33.8	14.61
2360	23.9	40.8	34.3	12.61	45.1	26.0	13.01	48.4	11.5	13.25	39.3	35.0	13.94	43.5	26.5	14.38	46.7	11.7	14.65
	26.7	42.5	39.4	12.65	45.9	32.6	13.05	48.5	21.3	13.29	41.0	40.2	13.98	44.3	33.2	14.42	46.8	21.7	14.69
	29.4	44.1	43.2	12.68	46.5	39.2	13.08	48.3	29.5	13.33	42.6	42.6	14.02	44.9	40.0	14.46	46.6	30.1	14.73
	32.2	45.6	45.5	12.72	47.0	43.6	13.12	48.0	35.9	13.37	44.0	44.0	14.06	45.4	44.4	14.51	46.3	36.6	14.78
2595	23.9	41.7	34.4	12.72	46.1	26.1	13.12	49.5	11.5	13.36	40.2	35.1	13.99	44.4	26.6	14.43	47.8	11.7	14.70
	26.7	43.5	39.5	12.75	46.9	32.6	13.16	49.5	21.4	13.40	41.9	40.3	14.04	45.2	33.3	14.48	47.8	21.8	14.75
	29.4	45.1	43.3	12.79	47.6	39.3	13.20	49.4	29.6	13.44	43.5	43.5	14.08	45.9	40.1	14.52	47.7	30.1	14.79
	32.2	46.6	45.6	12.83	48.1	43.7	13.24	49.1	36.0	13.48	44.9	44.9	14.12	46.4	44.5	14.56	47.4	36.7	14.84
2831	23.9	42.0	35.3	12.82	46.4	26.8	13.23	49.9	11.8	13.47	40.5	36.0	14.10	44.8	27.3	14.55	48.1	12.0	14.82
	26.7	43.8	40.6	12.86	47.3	33.5	13.27	49.9	21.9	13.51	42.3	40.6	14.14	45.6	34.1	14.59	48.2	22.4	14.86
	29.4	45.5	44.5	12.90	47.9	40.3	13.31	49.8	30.3	13.55	43.9	43.9	14.19	46.2	41.1	14.63	48.0	30.9	14.90
	32.2	47.0	46.8	12.94	48.5	44.8	13.35	49.5	37.0	13.59	45.3	45.3	14.23	46.7	45.7	14.68	47.7	37.7	14.95

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1888	23.9	34.6	28.8	14.71	38.3	21.8	15.17	41.2	9.6	15.45	32.4	27.8	15.56	35.8	21.0	16.05	38.5	9.3	16.35	29.7	26.3	16.28	32.8	19.9	16.79	35.3	8.8	17.10
	26.7	36.1	33.1	14.75	39.0	27.3	15.22	41.2	17.9	15.50	33.8	31.9	15.61	36.4	26.3	16.10	38.5	17.3	16.40	31.0	30.2	16.33	33.4	24.9	16.84	35.3	16.3	17.15
	29.4	37.5	36.3	14.79	39.5	32.9	15.26	41.1	24.8	15.54	35.0	35.0	15.65	37.0	31.7	16.15	38.4	23.9	16.45	32.1	32.1	16.38	33.9	30.0	16.89	35.2	22.6	17.21
	32.2	38.7	38.2	14.84	40.0	36.6	15.31	40.8	30.2	15.59	36.2	36.2	15.70	37.3	35.3	16.20	38.1	29.1	16.50	33.2	33.2	16.42	34.3	33.3	16.94	35.0	27.5	17.26
2124	23.9	36.4	30.9	14.81	40.3	23.4	15.28	43.3	10.3	15.56	34.0	29.8	15.67	37.6	22.6	16.16	40.5	10.0	16.46	31.2	28.2	16.38	34.5	21.3	16.90	37.1	9.4	17.22
	26.7	38.0	35.5	14.86	41.0	29.3	15.33	43.3	19.2	15.61	35.5	34.2	15.71	38.3	28.3	16.21	40.5	18.5	16.51	32.6	32.3	16.43	35.1	26.7	16.95	37.1	17.5	17.27
	29.4	39.4	38.9	14.90	41.6	35.3	15.37	43.2	26.6	15.66	36.9	36.9	15.76	38.9	34.0	16.26	40.4	25.6	16.56	33.8	33.8	16.48	35.7	32.2	17.00	37.0	24.2	17.32
	32.2	40.7	40.7	14.95	42.0	39.2	15.42	42.9	32.3	15.70	38.1	38.1	15.81	39.3	37.8	16.31	40.1	31.2	16.61	34.9	34.9	16.53	36.0	35.7	17.05	36.8	29.5	17.37
2360	23.9	37.2	33.4	14.92	41.1	25.3	15.39	44.2	11.2	15.68	34.8	32.2	15.77	38.4	24.4	16.27	41.3	10.8	16.57	31.9	30.5	16.49	35.3	23.1	17.01	37.9	10.2	17.33
	26.7	38.8	38.4	14.96	41.9	31.7	15.44	44.2	20.8	15.72	36.3	36.3	15.82	39.1	30.6	16.32	41.3	20.0	16.62	33.3	33.3	16.54	35.9	28.9	17.06	37.9	18.9	17.38
	29.4	40.3	40.3	15.01	42.5	38.2	15.48	44.1	28.7	15.77	37.6	37.6	15.87	39.7	36.8	16.37	41.2	27.7	16.67	34.5	34.5	16.59	36.4	34.8	17.11	37.8	26.2	17.43
	32.2	41.6	41.6	15.05	42.9	42.4	15.53	43.8	35.0	15.82	38.9	38.9	15.92	40.1	40.1	16.42	41.0	33.7	16.72	35.7	35.7	16.64	36.8	36.8	17.17	37.6	31.9	17.48
2595	23.9	38.0	33.5	15.03	42.0	25.4	15.50	45.2	11.2	15.79	35.5	32.3	15.88	39.3	24.5	16.38	42.2	10.8	16.69	32.6	30.5	16.60	36.0	23.1	17.12	38.8	10.2	17.44
	26.7	39.7	38.5	15.07	42.8	31.8	15.55	45.2	20.8	15.84	37.1	37.1	15.93	40.0	30.6	16.43	42.3	20.1	16.74	34.0	34.0	16.65	36.7	28.9	17.17	38.8	19.0	17.49
	29.4	41.2	41.2	15.12	43.4	38.3	15.59	45.1	28.8	15.88	38.5	38.5	15.98	40.6	36.9	16.48	42.1	27.7	16.79	35.3	35.3	16.70	37.2	34.9	17.23	38.7	26.2	17.55
	32.2	42.5	42.5	15.16	43.9	42.5	15.64	44.8	35.1	15.93	39.7	39.7	16.02	41.0	41.0	16.53	41.9	33.8	16.84	36.5	36.5	16.75	37.6	37.6	17.28	38.4	31.9	17.60
2831	23.9	38.3	34.4	15.13	42.4	26.0	15.61	45.6	11.5	15.90	35.8	33.1	15.99	39.6	25.1	16.49	42.6	11.1	16.80	32.9	31.3	16.71	36.3	23.7	17.23	39.1	10.5	17.55
	26.7	40.0	39.5	15.18	43.1	32.6	15.66	45.6	21.4	15.95	37.4	37.4	16.04	40.3	31.4	16.54	42.6	20.6	16.85	34.3	34.3	16.76	37.0	29.7	17.29	39.1	19.5	17.61
	29.4	41.5	41.5	15.23	43.8	39.3	15.71	45.4	29.5	16.00	38.8	38.8	16.08	40.9	37.9	16.59	42.5	28.5	16.90	35.6	35.6	16.81	37.5	35.8	17.34	39.0	26.9	17.66
	32.2	42.9	42.9	15.27	44.2	43.6	15.75	45.2	36.0	16.05	40.1	40.1	16.13	41.3	41.3	16.64	42.2	34.7	16.95	36.7	36.7	16.86	37.9	37.9	17.39	38.7	32.8	17.71

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-1590CH/LK-15B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2265	23.9	46.0	35.9	16.19	50.8	27.2	16.71	54.7	12.0	17.02	44.4	36.6	17.86	49.0	27.7	18.43	52.7	12.2	18.77
	26.7	48.0	41.2	16.24	51.8	34.0	16.76	54.7	22.3	17.07	46.3	42.0	17.92	49.9	34.7	18.48	52.8	22.7	18.83
	29.4	49.8	45.2	16.29	52.5	41.0	16.81	54.5	30.8	17.12	48.0	46.0	17.97	50.6	41.8	18.54	52.6	31.4	18.88
	32.2	51.4	47.6	16.34	53.1	45.5	16.86	54.2	37.5	17.17	49.6	48.5	18.03	51.2	46.4	18.59	52.3	38.3	18.94
2548	23.9	48.4	38.5	16.33	53.5	29.1	16.85	57.5	12.9	17.16	46.7	39.2	18.00	51.6	29.7	18.57	55.5	13.1	18.92
	26.7	50.5	44.2	16.38	54.4	36.5	16.90	57.5	23.9	17.21	48.7	45.0	18.06	52.5	37.2	18.63	55.5	24.4	18.97
	29.4	52.4	48.4	16.43	55.2	43.9	16.95	57.4	33.1	17.27	50.5	49.3	18.11	53.3	44.8	18.68	55.3	33.7	19.03
	32.2	54.1	51.0	16.48	55.8	48.8	17.00	57.0	40.2	17.32	52.2	52.0	18.17	53.8	49.8	18.74	55.0	41.0	19.09
2831	23.9	49.4	41.6	16.47	54.6	31.5	16.99	58.7	13.9	17.31	47.7	42.4	18.21	52.7	32.1	18.79	56.6	14.2	19.14
	26.7	51.5	47.8	16.52	55.6	39.5	17.05	58.7	25.9	17.36	49.7	48.7	18.27	53.6	40.2	18.84	56.7	26.3	19.19
	29.4	53.5	52.4	16.57	56.4	47.5	17.10	58.6	35.8	17.41	51.6	51.6	18.32	54.4	48.4	18.90	56.5	36.4	19.25
	32.2	55.2	55.2	16.62	57.0	52.8	17.15	58.2	43.5	17.47	53.3	53.3	18.38	55.0	53.8	18.96	56.2	44.4	19.31
3115	23.9	50.5	41.7	16.61	55.8	31.6	17.14	60.0	13.9	17.46	48.7	42.5	18.28	53.9	32.2	18.86	57.9	14.2	19.21
	26.7	52.7	47.9	16.66	56.8	39.6	17.19	60.0	25.9	17.51	50.8	48.8	18.34	54.8	40.3	18.92	57.9	26.4	19.27
	29.4	54.7	52.5	16.71	57.7	47.6	17.24	59.9	35.8	17.56	52.7	52.7	18.39	55.6	48.5	18.97	57.8	36.5	19.33
	32.2	56.5	55.3	16.76	58.3	52.9	17.29	59.5	43.6	17.61	54.5	54.5	18.45	56.2	53.9	19.03	57.4	44.5	19.38
3398	23.9	50.9	42.8	16.76	56.3	32.4	17.28	60.5	14.3	17.60	49.1	43.6	18.42	54.3	33.0	19.01	58.4	14.6	19.36
	26.7	53.1	49.2	16.81	57.3	40.6	17.34	60.5	26.6	17.66	51.2	49.2	18.48	55.3	41.4	19.06	58.4	27.1	19.42
	29.4	55.1	53.9	16.86	58.1	48.9	17.39	60.3	36.8	17.71	53.2	53.2	18.54	56.1	49.8	19.12	58.2	37.5	19.47
	32.2	56.9	56.7	16.91	58.7	54.3	17.44	60.0	44.8	17.76	54.9	54.9	18.59	56.7	55.4	19.18	57.9	45.6	19.53

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2265	23.9	42.0	34.9	19.22	46.4	26.5	19.82	49.9	11.7	20.19	39.2	33.7	20.33	43.4	25.5	20.97	46.6	11.3	21.36	36.0	31.8	21.27	39.8	24.1	21.94	42.8	10.6	22.35
	26.7	43.8	40.1	19.27	47.2	33.1	19.88	49.9	21.7	20.25	40.9	38.7	20.39	44.1	31.9	21.04	46.6	20.9	21.43	37.5	36.5	21.33	40.5	30.2	22.01	42.8	19.8	22.41
	29.4	45.4	44.0	19.33	47.9	39.9	19.94	49.8	30.0	20.31	42.5	42.4	20.45	44.8	38.5	21.10	46.5	28.9	21.49	39.0	39.0	21.40	41.1	36.3	22.07	42.7	27.3	22.48
	32.2	46.9	46.3	19.39	48.4	44.3	20.00	49.5	36.5	20.37	43.9	43.9	20.52	45.3	42.7	21.16	46.2	35.2	21.56	40.2	40.2	21.46	41.5	40.4	22.14	42.4	33.3	22.55
2548	23.9	44.1	37.5	19.36	48.8	28.4	19.97	52.5	12.5	20.34	41.3	36.1	20.47	45.6	27.3	21.12	49.0	12.1	21.51	37.8	34.1	21.41	41.8	25.8	22.08	45.0	11.4	22.49
	26.7	46.1	43.0	19.41	49.7	35.5	20.03	52.5	23.3	20.40	43.0	41.5	20.53	46.4	34.2	21.18	49.1	22.4	21.57	39.5	39.2	21.47	42.6	32.4	22.15	45.0	21.2	22.56
	29.4	47.8	47.1	19.47	50.4	42.8	20.09	52.3	32.2	20.46	44.7	44.7	20.59	47.1	41.2	21.24	48.9	31.0	21.64	41.0	41.0	21.54	43.2	39.0	22.22	44.9	29.3	22.63
	32.2	49.4	49.4	19.53	50.9	47.5	20.15	52.0	39.2	20.52	46.1	46.1	20.66	47.6	45.8	21.31	48.6	37.8	21.70	42.3	42.3	21.60	43.7	43.3	22.28	44.6	35.7	22.70
2831	23.9	45.1	40.5	19.50	49.9	30.7	20.11	53.6	13.5	20.48	42.1	39.1	20.61	46.6	29.6	21.26	50.1	13.1	21.66	38.7	36.9	21.55	42.7	28.0	22.23	45.9	12.3	22.64
	26.7	47.0	46.5	19.55	50.7	38.4	20.17	53.6	25.2	20.55	44.0	44.0	20.67	47.4	37.0	21.33	50.1	24.3	21.72	40.3	40.3	21.61	43.5	35.0	22.30	46.0	22.9	22.71
	29.4	48.8	48.8	19.61	51.5	46.3	20.23	53.5	34.8	20.61	45.6	45.6	20.74	48.1	44.6	21.39	50.0	33.6	21.79	41.9	41.9	21.68	44.1	42.2	22.36	45.8	31.7	22.78
	32.2	50.4	50.4	19.67	52.0	51.4	20.29	53.1	42.4	20.67	47.1	47.1	20.80	48.6	48.6	21.45	49.7	40.9	21.85	43.2	43.2	21.74	44.6	44.6	22.43	45.6	38.6	22.85
3115	23.9	46.1	40.6	19.64	51.0	30.8	20.25	54.8	13.6	20.63	43.1	39.1	20.75	47.6	29.6	21.41	51.2	13.1	21.80	39.5	37.0	21.69	43.7	28.0	22.37	47.0	12.4	22.79
	26.7	48.1	46.6	19.69	51.9	38.5	20.32	54.8	25.2	20.69	44.9	44.9	20.81	48.5	37.1	21.47	51.2	24.3	21.87	41.2	41.2	21.75	44.5	35.1	22.44	47.0	23.0	22.86
	29.4	49.9	49.9	19.75	52.6	46.4	20.38	54.7	34.9	20.76	46.6	46.6	20.88	49.2	44.7	21.54	51.1	33.6	21.93	42.8	42.8	21.82	45.1	42.3	22.51	46.9	31.8	22.93
	32.2	51.5	51.5	19.81	53.2	51.5	20.44	54.3	42.5	20.82	48.2	48.2	20.94	49.7	49.7	21.60	50.8	40.9	22.00	44.2	44.2	21.89	45.6	45.6	22.58	46.6	38.7	22.99
3398	23.9	46.5	41.7	19.78	51.4	31.6	20.40	55.2	13.9	20.78	43.4	40.2	20.89	48.0	30.4	21.55	51.6	13.4	21.95	39.8	38.0	21.83	44.0	28.8	22.52	47.3	12.7	22.94
	26.7	48.5	47.9	19.84	52.3	39.5	20.46	55.2	25.9	20.84	45.3	45.3	20.95	48.9	38.1	21.62	51.6	25.0	22.02	41.5	41.5	21.90	44.8	36.0	22.59	47.4	23.6	23.01
	29.4	50.3	50.3	19.89	53.0	47.6	20.52	55.1	35.8	20.90	47.0	47.0	21.02	49.6	45.9	21.68	51.5	34.5	22.08	43.1	43.1	21.96	45.5	43.4	22.65	47.2	32.6	23.07
	32.2	51.9	51.9	19.95	53.6	52.9	20.58	54.7	43.6	20.97	48.5	48.5	21.08	50.1	50.1	21.75	51.2	42.0	22.15	44.5	44.5	22.03	46.0	46.0	22.72	46.9	39.7	23.14

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-18B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2643	23.9	52.3	40.8	17.39	57.8	30.9	17.93	62.1	13.6	18.27	50.4	41.6	19.18	55.7	31.5	19.78	59.9	13.9	20.15
	26.7	54.5	46.8	17.44	58.8	38.7	17.99	62.2	25.3	18.32	52.6	47.7	19.23	56.7	39.4	19.84	60.0	25.8	20.21
	29.4	56.6	51.3	17.49	59.7	46.6	18.04	62.0	35.0	18.38	54.6	52.3	19.29	57.6	47.5	19.90	59.8	35.7	20.27
	32.2	58.4	54.0	17.54	60.3	51.7	18.10	61.6	42.7	18.43	56.4	55.1	19.35	58.2	52.7	19.96	59.4	43.5	20.33
2973	23.9	55.0	43.7	17.54	60.8	33.1	18.09	65.3	14.6	18.42	53.0	44.6	19.33	58.6	33.8	19.94	63.0	14.9	20.31
	26.7	57.4	50.2	17.59	61.9	41.5	18.14	65.4	27.2	18.48	55.3	51.2	19.39	59.7	42.3	20.00	63.1	27.7	20.37
	29.4	59.5	55.0	17.64	62.8	49.9	18.20	65.2	37.6	18.54	57.4	56.1	19.44	60.5	50.9	20.06	62.9	38.3	20.43
	32.2	61.5	58.0	17.69	63.4	55.5	18.25	64.8	45.7	18.59	59.3	59.1	19.50	61.2	56.6	20.12	62.5	46.6	20.49
3303	23.9	56.1	46.7	17.69	62.1	35.3	18.24	66.7	15.6	18.58	54.2	47.6	19.55	59.9	36.0	20.17	64.4	15.9	20.54
	26.7	58.6	53.6	17.74	63.2	44.3	18.30	66.8	29.0	18.64	56.5	54.6	19.61	61.0	45.1	20.23	64.4	29.5	20.60
	29.4	60.8	58.7	17.79	64.1	53.3	18.35	66.6	40.1	18.69	58.6	58.6	19.67	61.8	54.3	20.29	64.2	40.9	20.67
	32.2	62.8	61.9	17.85	64.8	59.2	18.41	66.2	48.8	18.75	60.6	60.6	19.73	62.5	60.4	20.35	63.8	49.8	20.73
3634	23.9	57.4	47.4	17.84	63.5	35.9	18.40	68.2	15.8	18.74	55.4	48.3	19.63	61.2	36.6	20.25	65.8	16.1	20.62
	26.7	59.9	54.4	17.89	64.6	45.0	18.45	68.3	29.4	18.80	57.8	55.5	19.69	62.3	45.8	20.31	65.8	30.0	20.69
	29.4	62.1	59.7	17.94	65.5	54.1	18.51	68.1	40.7	18.85	59.9	59.9	19.75	63.2	55.2	20.37	65.7	41.5	20.75
	32.2	64.2	62.8	18.00	66.2	60.2	18.56	67.6	49.6	18.91	61.9	61.9	19.81	63.9	61.3	20.43	65.3	50.5	20.81
3964	23.9	57.8	48.7	17.99	63.9	36.8	18.55	68.8	16.3	18.90	55.8	49.6	19.78	61.7	37.6	20.40	66.3	16.6	20.78
	26.7	60.3	55.9	18.04	65.1	46.1	18.61	68.8	30.2	18.96	58.2	55.9	19.84	62.8	47.0	20.46	66.4	30.8	20.84
	29.4	62.6	61.2	18.09	66.0	55.6	18.67	68.6	41.8	19.01	60.4	60.4	19.90	63.7	56.6	20.53	66.2	42.6	20.91
	32.2	64.7	64.5	18.15	66.7	61.7	18.72	68.2	50.9	19.07	62.4	62.4	19.96	64.4	62.9	20.59	65.8	51.9	20.97

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2643	23.9	47.7	39.7	20.63	52.7	30.1	21.28	56.7	13.3	21.67	44.6	38.3	21.83	49.3	29.0	22.51	53.0	12.8	22.93	40.9	36.2	22.83	45.2	27.4	23.55	48.6	12.1	23.99
	26.7	49.8	45.6	20.69	53.7	37.7	21.34	56.7	24.7	21.74	46.5	43.9	21.89	50.2	36.3	22.58	53.0	23.8	23.00	42.7	41.5	22.90	46.0	34.3	23.62	48.6	22.5	24.06
	29.4	51.7	50.0	20.75	54.5	45.4	21.41	56.6	34.1	21.80	48.3	48.2	21.96	50.9	43.7	22.65	52.9	32.9	23.07	44.3	44.3	22.97	46.7	41.3	23.69	48.5	31.1	24.13
	32.2	53.3	52.6	20.81	55.0	50.4	21.47	56.2	41.5	21.87	49.9	49.9	22.02	51.4	48.6	22.72	52.5	40.0	23.14	45.7	45.7	23.04	47.2	45.9	23.77	48.2	37.8	24.21
2973	23.9	50.2	42.6	20.78	55.5	32.2	21.43	59.6	14.2	21.83	46.9	41.0	21.98	51.8	31.1	22.67	55.7	13.7	23.09	43.0	38.8	22.98	47.6	29.4	23.71	51.1	13.0	24.15
	26.7	52.3	48.9	20.84	56.5	40.4	21.50	59.7	26.4	21.90	48.9	47.1	22.04	52.8	38.9	22.74	55.8	25.5	23.16	44.9	44.5	23.05	48.4	36.8	23.78	51.2	24.1	24.22
	29.4	54.3	53.6	20.90	57.3	48.6	21.56	59.5	36.6	21.96	50.8	50.8	22.11	53.5	46.9	22.81	55.6	35.3	23.23	46.6	46.6	23.12	49.1	44.3	23.85	51.0	33.3	24.29
	32.2	56.1	56.1	20.97	57.9	54.0	21.63	59.1	44.5	22.03	52.4	52.4	22.17	54.1	52.1	22.87	55.3	42.9	23.30	48.1	48.1	23.19	49.6	49.2	23.92	50.7	40.6	24.37
3303	23.9	51.2	45.4	20.93	56.7	34.4	21.59	60.9	15.2	21.99	47.9	43.8	22.13	53.0	33.2	22.82	56.9	14.6	23.25	43.9	41.4	23.13	48.6	31.4	23.86	52.2	13.8	24.31
	26.7	53.5	52.2	20.99	57.7	43.1	21.65	60.9	28.2	22.06	50.0	50.0	22.19	53.9	41.5	22.89	57.0	27.2	23.32	45.8	45.8	23.20	49.4	39.3	23.93	52.2	25.7	24.38
	29.4	55.5	55.5	21.05	58.5	51.9	21.72	60.8	39.0	22.12	51.9	51.9	22.26	54.7	50.0	22.96	56.8	37.6	23.39	47.6	47.6	23.27	50.2	47.3	24.01	52.1	35.6	24.45
	32.2	57.3	57.3	21.12	59.1	57.7	21.78	60.4	47.5	22.19	53.6	53.6	22.33	55.3	55.3	23.03	56.4	45.8	23.46	49.1	49.1	23.34	50.7	50.7	24.08	51.8	43.3	24.53
3634	23.9	52.4	46.2	21.08	57.9	35.0	21.74	62.3	15.4	22.15	49.0	44.5	22.28	54.1	33.7	22.98	58.2	14.9	23.41	44.9	42.0	23.28	49.7	31.8	24.02	53.4	14.1	24.46
	26.7	54.7	53.0	21.14	59.0	43.8	21.81	62.3	28.7	22.21	51.1	51.1	22.34	55.1	42.2	23.05	58.2	27.6	23.48	46.9	46.9	23.35	50.5	39.9	24.09	53.4	26.1	24.54
	29.4	56.7	56.7	21.21	59.8	52.7	21.87	62.1	39.7	22.28	53.0	53.0	22.41	55.9	50.8	23.12	58.1	38.2	23.55	48.6	48.6	23.42	51.3	48.0	24.16	53.3	36.1	24.61
	32.2	58.6	58.6	21.27	60.5	58.6	21.94	61.7	48.3	22.35	54.7	54.7	22.48	56.5	56.4	23.19	57.7	46.5	23.62	50.2	50.2	23.49	51.8	51.8	24.23	52.9	44.0	24.68
3964	23.9	52.8	47.4	21.23	58.4	35.9	21.90	62.8	15.8	22.31	49.3	45.7	22.43	54.5	34.6	23.13	58.6	15.3	23.56	45.3	43.2	23.43	50.0	32.7	24.17	53.8	14.4	24.62
	26.7	55.1	54.4	21.29	59.4	44.9	21.96	62.8	29.4	22.37	51.5	51.5	22.49	55.5	43.3	23.20	58.7	28.4	23.64	47.2	47.2	23.50	50.9	40.9	24.25	53.8	26.8	24.70
	29.4	57.2	57.2	21.36	60.3	54.1	22.03	62.6	40.7	22.44	53.4	53.4	22.56	56.3	52.1	23.27	58.5	39.2	23.71	49.0	49.0	23.57	51.7	49.3	24.32	53.7	37.1	24.77
	32.2	59.0	59.0	21.42	60.9	60.1	22.10	62.2	49.6	22.51	55.2	55.2	22.63	56.9	56.9	23.34	58.2	47.8	23.78	50.6	50.6	23.65	52.2	52.2	24.39	53.3	45.1	24.84

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-20B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	67.8	52.9	19.19	75.0	40.1	19.79	80.6	17.7	20.16	65.5	54.0	21.16	72.4	40.9	21.83	77.8	18.0	22.24
	26.7	70.8	60.8	19.24	76.4	50.2	19.85	80.7	32.9	20.22	68.3	62.0	21.23	73.7	51.2	21.90	77.8	33.5	22.30
	29.4	73.5	66.6	19.30	77.5	60.5	19.91	80.4	45.5	20.28	70.9	67.9	21.29	74.7	61.6	21.96	77.6	46.3	22.37
	32.2	75.9	70.2	19.36	78.3	67.2	19.97	80.0	55.4	20.34	73.2	71.5	21.36	75.5	68.5	22.03	77.1	56.4	22.44
3398	23.9	71.4	56.8	19.35	78.9	43.0	19.96	84.8	19.0	20.33	68.8	57.9	21.33	76.1	43.8	22.00	81.8	19.3	22.41
	26.7	74.4	65.2	19.41	80.3	53.8	20.02	84.9	35.3	20.39	71.8	66.4	21.39	77.5	54.9	22.07	81.9	35.9	22.48
	29.4	77.3	71.4	19.47	81.5	64.8	20.08	84.6	48.8	20.46	74.5	72.8	21.46	78.6	66.1	22.14	81.6	49.7	22.55
	32.2	79.8	75.2	19.53	82.3	72.0	20.14	84.1	59.4	20.52	77.0	76.7	21.52	79.4	73.4	22.20	81.1	60.5	22.61
3775	23.9	72.9	60.6	19.52	80.6	45.9	20.13	86.6	20.3	20.51	70.3	61.7	21.58	77.7	46.8	22.26	83.6	20.6	22.67
	26.7	76.0	69.6	19.58	82.0	57.5	20.19	86.7	37.6	20.57	73.4	70.9	21.64	79.1	58.6	22.33	83.6	38.4	22.74
	29.4	78.9	76.3	19.64	83.2	69.2	20.26	86.4	52.0	20.63	76.1	76.1	21.71	80.3	70.5	22.39	83.4	53.0	22.81
	32.2	81.5	80.3	19.69	84.1	76.9	20.32	85.9	63.4	20.69	78.6	78.6	21.77	81.1	78.4	22.46	82.9	64.6	22.88
4153	23.9	74.5	61.5	19.68	82.4	46.6	20.31	88.6	20.6	20.68	71.9	62.7	21.66	79.5	47.5	22.35	85.4	21.0	22.76
	26.7	77.7	70.7	19.74	83.8	58.4	20.37	88.6	38.2	20.74	75.0	72.0	21.73	80.9	59.5	22.41	85.5	39.0	22.83
	29.4	80.7	77.5	19.80	85.1	70.3	20.43	88.3	52.9	20.81	77.8	77.8	21.79	82.1	71.6	22.48	85.2	53.9	22.90
	32.2	83.3	81.6	19.86	86.0	78.1	20.49	87.8	64.4	20.87	80.4	80.4	21.86	82.9	79.6	22.55	84.7	65.6	22.97
4530	23.9	75.1	63.2	19.85	83.0	47.8	20.48	89.2	21.1	20.86	72.4	64.4	21.83	80.1	48.7	22.52	86.1	21.5	22.93
	26.7	78.3	72.5	19.91	84.5	59.9	20.54	89.3	39.2	20.92	75.6	72.6	21.89	81.5	61.0	22.58	86.1	40.0	23.00
	29.4	81.3	79.5	19.97	85.7	72.1	20.60	89.0	54.3	20.98	78.4	78.4	21.96	82.7	73.5	22.65	85.9	55.3	23.07
	32.2	84.0	83.7	20.03	86.6	80.1	20.66	88.5	66.1	21.04	81.0	81.0	22.02	83.6	81.7	22.72	85.4	67.3	23.14

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	61.9	51.5	22.76	68.5	39.0	23.48	73.6	17.2	23.92	57.9	49.7	24.09	64.0	37.6	24.85	68.8	16.6	25.31	53.1	47.0	25.20	58.7	35.6	25.99	63.1	15.7	26.48
	26.7	64.6	59.2	22.83	69.7	48.9	23.55	73.6	32.0	23.99	60.4	57.0	24.16	65.1	47.1	24.92	68.8	30.9	25.38	55.4	53.9	25.27	59.7	44.5	26.07	63.1	29.2	26.56
	29.4	67.0	64.9	22.90	70.7	58.9	23.62	73.4	44.3	24.06	62.7	62.5	24.23	66.1	56.7	25.00	68.6	42.7	25.46	57.5	57.5	25.35	60.6	53.6	26.15	63.0	40.3	26.63
	32.2	69.2	68.3	22.97	71.5	65.4	23.70	73.0	53.9	24.13	64.7	64.7	24.30	66.8	63.0	25.07	68.2	52.0	25.54	59.4	59.4	25.43	61.3	59.6	26.23	62.6	49.1	26.71
3398	23.9	65.1	55.3	22.93	72.0	41.9	23.65	77.4	18.5	24.09	60.9	53.3	24.25	67.3	40.3	25.02	72.3	17.8	25.48	55.8	50.3	25.36	61.7	38.1	26.16	66.4	16.8	26.65
	26.7	68.0	63.5	23.00	73.3	52.4	23.73	77.5	34.3	24.17	63.5	61.2	24.33	68.5	50.5	25.09	72.4	33.1	25.56	58.3	57.8	25.44	62.8	47.7	26.24	66.4	31.3	26.73
	29.4	70.5	69.6	23.07	74.4	63.1	23.80	77.2	47.5	24.24	65.9	65.9	24.40	69.5	60.8	25.17	72.2	45.8	25.64	60.5	60.5	25.52	63.7	57.5	26.32	66.2	43.3	26.81
	32.2	72.8	72.8	23.14	75.2	70.1	23.87	76.8	57.8	24.31	68.1	68.1	24.47	70.2	67.6	25.24	71.7	55.7	25.71	62.4	62.4	25.59	64.4	63.9	26.40	65.8	52.7	26.89
3775	23.9	66.5	59.0	23.10	73.6	44.7	23.83	79.1	19.7	24.27	62.2	56.9	24.42	68.7	43.1	25.19	73.9	19.0	25.66	57.0	53.7	25.53	63.1	40.7	26.34	67.8	18.0	26.82
	26.7	69.4	67.7	23.17	74.9	55.9	23.90	79.1	36.6	24.34	64.9	64.9	24.49	70.0	53.9	25.27	73.9	35.3	25.73	59.5	59.5	25.61	64.2	51.0	26.41	67.8	33.4	26.91
	29.4	72.0	72.0	23.24	76.0	67.4	23.97	78.9	50.7	24.41	67.3	67.3	24.57	71.0	64.9	25.34	73.7	48.8	25.81	61.7	61.7	25.68	65.1	61.4	26.49	67.6	46.2	26.99
	32.2	74.4	74.4	23.31	76.8	74.9	24.04	78.4	61.7	24.49	69.5	69.5	24.64	71.7	71.7	25.42	73.3	59.5	25.89	63.8	63.8	25.76	65.8	65.8	26.57	67.2	56.2	27.07
4153	23.9	68.0	59.9	23.26	75.2	45.4	24.00	80.8	20.0	24.44	63.6	57.7	24.59	70.3	43.7	25.36	75.5	19.3	25.83	58.3	54.6	25.70	64.5	41.3	26.51	69.3	18.2	27.00
	26.7	70.9	68.8	23.33	76.5	56.8	24.07	80.9	37.2	24.52	66.3	66.3	24.66	71.5	54.8	25.44	75.6	35.9	25.91	60.8	60.8	25.77	65.6	51.8	26.59	69.3	33.9	27.08
	29.4	73.6	73.6	23.40	77.6	68.4	24.14	80.6	51.5	24.59	68.8	68.8	24.73	72.6	66.0	25.51	75.4	49.6	25.99	63.1	63.1	25.85	66.6	62.3	26.67	69.1	46.9	27.16
	32.2	76.0	76.0	23.47	78.5	76.0	24.21	80.1	62.7	24.66	71.1	71.1	24.81	73.3	73.3	25.59	74.9	60.4	26.06	65.2	65.2	25.93	67.3	67.3	26.75	68.7	57.1	27.24
4530	23.9	68.5	61.5	23.43	75.8	46.6	24.17	81.5	20.6	24.62	64.0	59.3	24.75	70.8	44.9	25.53	76.1	19.8	26.01	58.8	56.0	25.86	65.0	42.4	26.68	69.8	18.7	27.17
	26.7	71.5	70.6	23.50	77.1	58.3	24.24	81.5	38.2	24.69	66.8	66.8	24.83	72.1	56.2	25.61	76.2	36.8	26.08	61.3	61.3	25.94	66.1	53.1	26.76	69.9	34.8	27.25
	29.4	74.2	74.2	23.57	78.2	70.2	24.31	81.3	52.8	24.76	69.3	69.3	24.90	73.1	67.7	25.69	75.9	50.9	26.16	63.6	63.6	26.02	67.1	64.0	26.84	69.7	48.1	27.34
	32.2	76.6	76.6	23.64	79.1	78.0	24.39	80.8	64.3	24.84	71.6	71.6	24.97	73.9	73.9	25.76	75.5	62.0	26.24	65.7	65.7	26.10	67.8	67.8	26.92	69.2	58.6	27.42

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-25B0CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	83.7	65.3	23.21	92.5	49.4	23.95	99.5	21.8	24.39	80.7	66.5	25.61	89.2	50.4	26.41	95.9	22.2	26.90
	26.7	87.3	75.0	23.28	94.2	61.9	24.02	99.5	40.6	24.46	84.2	76.4	25.68	90.8	63.1	26.49	96.0	41.3	26.98
	29.4	90.6	82.2	23.35	95.5	74.6	24.09	99.2	56.1	24.54	87.4	83.7	25.76	92.2	76.0	26.57	95.7	57.2	27.07
	32.2	93.6	86.5	23.42	96.6	82.8	24.16	98.6	68.3	24.61	90.3	88.2	25.84	93.1	84.4	26.65	95.1	69.6	27.15
4247	23.9	88.0	70.0	23.41	97.3	53.0	24.15	104.6	23.4	24.60	84.9	71.3	25.81	93.9	54.0	26.62	100.9	23.8	27.11
	26.7	91.8	80.4	23.48	99.0	66.4	24.22	104.7	43.5	24.67	88.6	81.9	25.88	95.6	67.7	26.70	101.0	44.3	27.20
	29.4	95.3	88.1	23.55	100.5	80.0	24.30	104.4	60.1	24.75	91.9	89.8	25.96	96.9	81.5	26.78	100.7	61.3	27.28
	32.2	98.4	92.8	23.62	101.6	88.8	24.37	103.7	73.2	24.82	94.9	94.6	26.04	98.0	90.5	26.86	100.1	74.6	27.36
4719	23.9	89.9	77.8	23.61	99.4	58.9	24.36	106.8	26.0	24.81	86.7	79.2	26.11	95.9	60.0	26.93	103.1	26.5	27.43
	26.7	93.8	89.3	23.69	101.2	73.7	24.43	106.9	48.3	24.89	90.5	90.5	26.18	97.6	75.1	27.01	103.1	49.2	27.51
	29.4	97.3	97.3	23.76	102.6	88.8	24.51	106.6	66.8	24.96	93.9	93.9	26.26	99.0	90.5	27.09	102.8	68.1	27.59
	32.2	100.5	100.5	23.83	103.7	98.7	24.58	105.9	81.3	25.04	97.0	97.0	26.34	100.1	100.1	27.17	102.2	82.9	27.68
5191	23.9	91.9	75.9	23.82	101.6	57.5	24.57	109.2	25.4	25.02	88.6	77.3	26.21	98.0	58.6	27.03	105.4	25.9	27.54
	26.7	95.9	87.2	23.89	103.4	72.0	24.64	109.3	47.1	25.10	92.5	88.8	26.29	99.8	73.4	27.12	105.4	48.0	27.62
	29.4	99.5	95.5	23.96	104.9	86.7	24.71	109.0	65.2	25.17	96.0	96.0	26.37	101.2	88.3	27.20	105.1	66.4	27.70
	32.2	102.8	100.6	24.03	106.0	96.3	24.79	108.3	79.4	25.25	99.1	99.1	26.44	102.3	98.1	27.28	104.5	80.9	27.78
5663	23.9	92.6	77.9	24.02	102.4	59.0	24.77	110.1	26.0	25.23	89.3	79.4	26.41	98.8	60.1	27.24	106.2	26.5	27.75
	26.7	96.6	89.5	24.09	104.2	73.9	24.85	110.1	48.4	25.31	93.2	89.5	26.49	100.5	75.3	27.32	106.2	49.3	27.83
	29.4	100.3	98.0	24.16	105.7	89.0	24.92	109.8	66.9	25.39	96.7	96.7	26.57	102.0	90.7	27.41	105.9	68.2	27.91
	32.2	103.6	103.2	24.23	106.9	98.8	25.00	109.1	81.5	25.46	99.9	99.9	26.65	103.1	100.7	27.49	105.3	83.0	28.00

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	76.4	63.6	27.54	84.4	48.1	28.41	90.8	21.2	28.94	71.4	61.3	29.14	78.9	46.4	30.06	84.8	20.5	30.62	65.5	57.9	30.49	72.4	43.9	31.45	77.8	19.4	32.03
	26.7	79.7	73.0	27.63	86.0	60.3	28.50	90.8	39.5	29.03	74.5	70.4	29.23	80.3	58.1	30.15	84.9	38.1	30.71	68.3	66.5	30.58	73.7	54.9	31.54	77.9	36.0	32.13
	29.4	82.7	80.0	27.71	87.2	72.6	28.58	90.6	54.6	29.11	77.3	77.1	29.32	81.5	70.0	30.24	84.6	52.6	30.80	70.9	70.9	30.67	74.8	66.1	31.64	77.6	49.7	32.22
	32.2	85.4	84.3	27.79	88.1	80.7	28.67	90.0	66.5	29.20	79.8	79.8	29.41	82.4	77.7	30.33	84.1	64.1	30.90	73.2	73.2	30.76	75.6	73.5	31.73	77.2	60.6	32.32
4247	23.9	80.3	68.2	27.74	88.8	51.6	28.62	95.5	22.8	29.15	75.1	65.7	29.34	83.0	49.8	30.27	89.2	22.0	30.83	68.9	62.1	30.69	76.1	47.0	31.66	81.9	20.8	32.24
	26.7	83.8	78.3	27.83	90.4	64.6	28.70	95.5	42.3	29.24	78.3	75.4	29.43	84.5	62.3	30.36	89.3	40.8	30.92	71.8	71.3	30.78	77.5	58.9	31.75	81.9	38.6	32.34
	29.4	87.0	85.8	27.91	91.7	77.9	28.79	95.3	58.6	29.32	81.3	81.3	29.52	85.7	75.0	30.45	89.0	56.4	31.02	74.6	74.6	30.87	78.6	70.9	31.85	81.7	53.3	32.44
	32.2	89.8	89.8	27.99	92.7	86.5	28.88	94.7	71.3	29.41	83.9	83.9	29.61	86.6	83.4	30.54	88.5	68.7	31.11	77.0	77.0	30.96	79.5	78.8	31.94	81.2	65.0	32.53
4719	23.9	82.0	75.7	27.94	90.7	57.3	28.83	97.5	25.3	29.36	76.7	73.0	29.54	84.8	55.3	30.48	91.1	24.4	31.04	70.3	69.0	30.89	77.8	52.2	31.86	83.6	23.1	32.45
	26.7	85.6	85.6	28.03	92.3	71.8	28.91	97.6	47.0	29.45	80.0	80.0	29.63	86.3	69.2	30.57	91.2	45.3	31.13	73.4	73.4	30.98	79.2	65.4	31.96	83.6	42.8	32.55
	29.4	88.8	88.8	28.11	93.7	86.5	29.00	97.3	65.0	29.54	83.0	83.0	29.72	87.5	83.3	30.66	90.9	62.7	31.23	76.2	76.2	31.07	80.3	78.8	32.05	83.4	59.2	32.65
	32.2	91.7	91.7	28.20	94.7	94.7	29.09	96.7	79.2	29.63	85.7	85.7	29.81	88.5	88.5	30.75	90.4	76.3	31.32	78.7	78.7	31.17	81.2	81.2	32.15	82.9	72.1	32.75
5191	23.9	83.9	73.9	28.14	92.7	56.0	29.03	99.7	24.7	29.57	78.4	71.2	29.74	86.7	53.9	30.68	93.2	23.8	31.25	71.9	67.3	31.09	79.5	51.0	32.07	85.5	22.5	32.66
	26.7	87.5	84.9	28.23	94.4	70.1	29.12	99.7	45.9	29.66	81.8	81.8	29.83	88.2	67.5	30.78	93.2	44.2	31.35	75.0	75.0	31.18	80.9	63.8	32.17	85.5	41.8	32.76
	29.4	90.8	90.8	28.31	95.8	84.4	29.21	99.5	63.5	29.75	84.9	84.9	29.92	89.5	81.3	30.87	92.9	61.2	31.44	77.8	77.8	31.28	82.1	76.9	32.26	85.3	57.8	32.86
	32.2	93.8	93.8	28.40	96.8	93.8	29.29	98.8	77.3	29.84	87.6	87.6	30.01	90.4	90.4	30.96	92.4	74.5	31.53	80.4	80.4	31.37	83.0	83.0	32.36	84.7	70.4	32.96
5663	23.9	84.5	75.8	28.35	93.4	57.4	29.24	100.5	25.4	29.78	79.0	73.1	29.95	87.3	55.4	30.89	93.9	24.4	31.46	72.5	69.1	31.29	80.1	52.3	32.28	86.1	23.1	32.88
	26.7	88.2	87.1	28.43	95.1	71.9	29.33	100.5	47.1	29.87	82.4	82.4	30.04	88.9	69.3	30.98	93.9	45.4	31.56	75.6	75.6	31.38	81.6	65.5	32.37	86.2	42.9	32.97
	29.4	91.5	91.5	28.52	96.5	86.6	29.42	100.2	65.2	29.96	85.5	85.5	30.13	90.2	83.5	31.08	93.7	62.8	31.65	78.5	78.5	31.48	82.7	78.9	32.47	85.9	59.4	33.07
	32.2	94.5	94.5	28.60	97.5	96.2	29.50	99.6	79.3	30.05	88.3	88.3	30.22	91.2	91.2	31.17	93.1	76.5	31.75	81.0	81.0	31.57	83.6	83.6	32.57	85.4	72.3	33.17

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-2590CH (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	79.8	62.3	21.92	88.2	47.2	22.62	94.9	20.8	23.04	75.9	62.5	24.18	83.9	47.3	24.95	90.2	20.9	25.41
	26.7	83.3	71.5	21.99	89.8	59.1	22.68	94.9	38.7	23.10	79.1	71.8	24.26	85.4	59.3	25.02	90.2	38.8	25.49
	29.4	86.4	78.4	22.06	91.1	71.1	22.75	94.6	53.5	23.17	82.1	78.7	24.33	86.6	71.4	25.10	89.9	53.7	25.56
	32.2	89.2	82.5	22.12	92.1	79.0	22.82	94.1	65.1	23.24	84.8	82.9	24.40	87.5	79.3	25.17	89.4	65.4	25.64
4247	23.9	83.9	66.8	22.11	92.8	50.6	22.81	99.8	22.3	23.23	79.8	67.0	24.37	88.2	50.8	25.14	94.8	22.4	25.61
	26.7	87.6	76.7	22.18	94.5	63.3	22.88	99.8	41.5	23.30	83.2	77.0	24.45	89.8	63.6	25.22	94.9	41.6	25.69
	29.4	90.9	84.0	22.25	95.8	76.3	22.95	99.5	57.4	23.37	86.4	84.4	24.52	91.1	76.6	25.29	94.6	57.6	25.76
	32.2	93.9	88.5	22.31	96.9	84.7	23.02	98.9	69.9	23.44	89.2	88.9	24.59	92.1	85.1	25.37	94.0	70.1	25.84
4719	23.9	85.7	74.2	22.30	94.8	56.2	23.01	101.9	24.8	23.43	81.5	74.5	24.66	90.1	56.4	25.43	96.9	24.9	25.91
	26.7	89.4	85.2	22.37	96.5	70.3	23.08	102.0	46.1	23.50	85.0	85.0	24.73	91.7	70.6	25.51	96.9	46.2	25.98
	29.4	92.8	92.8	22.44	97.9	84.7	23.14	101.7	63.7	23.57	88.2	88.2	24.80	93.0	85.0	25.59	96.6	64.0	26.06
	32.2	95.9	95.9	22.50	98.9	94.1	23.21	101.0	77.6	23.64	91.1	91.1	24.88	94.0	94.0	25.66	96.0	77.9	26.14
5191	23.9	87.6	72.4	22.49	96.9	54.8	23.20	104.2	24.2	23.63	83.3	72.7	24.75	92.1	55.0	25.53	99.0	24.3	26.01
	26.7	91.4	83.1	22.56	98.6	68.6	23.27	104.2	45.0	23.70	86.9	83.5	24.83	93.7	68.9	25.61	99.1	45.1	26.09
	29.4	94.9	91.1	22.63	100.1	82.7	23.34	103.9	62.2	23.77	90.2	90.2	24.90	95.1	83.0	25.69	98.8	62.4	26.16
	32.2	98.0	95.9	22.70	101.1	91.9	23.41	103.3	75.7	23.85	93.1	93.1	24.98	96.1	92.2	25.76	98.2	76.0	26.24
5663	23.9	88.3	74.3	22.68	97.6	56.3	23.40	105.0	24.8	23.83	83.9	74.6	24.94	92.8	56.5	25.73	99.8	24.9	26.21
	26.7	92.1	85.3	22.75	99.4	70.5	23.47	105.0	46.1	23.90	87.6	84.1	25.02	94.5	70.7	25.81	99.8	46.3	26.28
	29.4	95.6	93.5	22.82	100.8	84.9	23.54	104.7	63.8	23.98	90.9	90.9	25.09	95.8	85.2	25.88	99.5	64.1	26.36
	32.2	98.8	98.5	22.89	101.9	94.3	23.61	104.1	77.7	24.05	93.9	93.9	25.17	96.9	94.7	25.96	98.9	78.0	26.44

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	71.4	59.4	26.01	78.9	45.0	26.83	84.9	19.9	27.33	66.4	57.0	27.52	73.4	43.2	28.39	78.9	19.1	28.92	58.4	51.7	28.79	64.6	39.1	29.70	69.5	17.3	30.25
	26.7	74.5	68.3	26.09	80.4	56.4	26.91	84.9	36.9	27.41	69.3	65.5	27.61	74.7	54.1	28.48	79.0	35.4	29.01	61.0	59.4	28.88	65.8	49.0	29.79	69.5	32.1	30.34
	29.4	77.3	74.8	26.17	81.5	67.9	26.99	84.7	51.1	27.50	71.9	71.7	27.69	75.8	65.1	28.56	78.7	49.0	29.09	63.3	63.3	28.97	66.7	59.0	29.88	69.3	44.4	30.43
	32.2	79.9	78.8	26.25	82.4	75.4	27.08	84.2	62.2	27.58	74.2	74.2	27.77	76.6	72.3	28.65	78.3	59.6	29.18	65.4	65.4	29.05	67.4	65.6	29.97	68.9	54.1	30.53
4247	23.9	75.1	63.7	26.20	83.0	48.3	27.03	89.3	21.3	27.53	69.8	61.1	27.71	77.2	46.3	28.59	83.0	20.4	29.12	61.5	55.4	28.98	68.0	42.0	29.90	73.1	18.5	30.45
	26.7	78.4	73.2	26.28	84.5	60.4	27.11	89.3	39.6	27.61	72.9	70.2	27.80	78.6	58.0	28.67	83.0	38.0	29.21	64.1	63.7	29.07	69.2	52.6	29.99	73.1	34.4	30.54
	29.4	81.3	80.2	26.36	85.7	72.8	27.19	89.1	54.8	27.70	75.6	75.6	27.88	79.7	69.8	28.76	82.8	52.5	29.29	66.6	66.6	29.16	70.2	63.3	30.08	72.9	47.6	30.64
	32.2	84.0	84.0	26.44	86.7	80.9	27.27	88.5	66.7	27.78	78.1	78.1	27.96	80.6	77.6	28.85	82.3	63.9	29.38	68.7	68.7	29.24	70.9	70.3	30.17	72.5	58.0	30.73
4719	23.9	76.7	70.8	26.39	84.8	53.6	27.22	91.2	23.7	27.73	71.3	67.9	27.90	78.9	51.4	28.78	84.8	22.7	29.32	62.8	61.6	29.17	69.4	46.6	30.09	74.6	20.6	30.65
	26.7	80.0	80.0	26.47	86.3	67.1	27.31	91.2	44.0	27.81	74.4	74.4	27.99	80.3	64.4	28.87	84.8	42.2	29.41	65.5	65.5	29.26	70.7	58.4	30.18	74.7	38.2	30.74
	29.4	83.1	83.1	26.55	87.6	80.8	27.39	91.0	60.8	27.90	77.2	77.2	28.07	81.4	77.5	28.96	84.6	58.3	29.49	68.0	68.0	29.35	71.7	70.3	30.27	74.5	52.9	30.84
	32.2	85.8	85.8	26.63	88.5	88.5	27.47	90.4	74.1	27.98	79.8	79.8	28.15	82.3	82.3	29.04	84.1	71.0	29.58	70.2	70.2	29.44	72.5	72.5	30.36	74.0	64.4	30.93
5191	23.9	78.4	69.1	26.58	86.7	52.3	27.42	93.2	23.1	27.93	72.9	66.3	28.09	80.6	50.2	28.98	86.7	22.1	29.52	64.2	60.1	29.36	71.0	45.5	30.29	76.3	20.1	30.85
	26.7	81.8	79.3	26.66	88.3	65.5	27.50	93.2	42.9	28.01	76.1	76.1	28.18	82.1	62.8	29.07	86.7	41.2	29.61	67.0	67.0	29.45	72.2	57.0	30.38	76.3	37.3	30.94
	29.4	84.9	84.9	26.74	89.5	78.9	27.59	93.0	59.4	28.10	78.9	78.9	28.26	83.2	75.7	29.15	86.5	56.9	29.69	69.5	69.5	29.54	73.3	68.6	30.47	76.1	51.6	31.04
	32.2	87.7	87.7	26.82	90.5	87.7	27.67	92.4	72.3	28.18	81.5	81.5	28.35	84.1	84.1	29.24	85.9	69.3	29.78	71.8	71.8	29.63	74.1	74.1	30.56	75.6	62.9	31.13
5663	23.9	79.0	70.9	26.77	87.4	53.7	27.62	93.9	23.7	28.13	73.5	68.0	28.28	81.2	51.5	29.17	87.3	22.7	29.72	64.7	61.7	29.55	71.5	46.7	30.48	76.9	20.6	31.05
	26.7	82.4	81.4	26.85	88.9	67.3	27.70	94.0	44.0	28.21	76.7	76.7	28.37	82.7	64.5	29.26	87.4	42.2	29.81	67.5	67.5	29.64	72.8	58.5	30.58	76.9	38.3	31.14
	29.4	85.6	85.6	26.93	90.2	81.0	27.78	93.7	60.9	28.30	79.6	79.6	28.45	83.9	77.7	29.35	87.1	58.4	29.89	70.0	70.0	29.73	73.9	70.4	30.67	76.7	53.0	31.24
	32.2	88.4	88.4	27.01	91.2	90.0	27.86	93.1	74.2	28.38	82.2	82.2	28.54	84.8	84.8	29.44	86.6	71.1	29.98	72.3	72.3	29.82	74.6	74.6	30.76	76.2	64.5	31.33

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-06B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2000	75	64.3	50.2	5.79	71.1	38.0	5.97	76.4	16.8	6.08	62.0	51.1	6.39	68.6	38.7	6.59	73.7	17.1	6.71
	80	67.1	57.6	5.81	72.4	47.6	5.99	76.5	31.2	6.10	64.7	58.7	6.41	69.8	48.5	6.61	73.8	31.8	6.73
	85	69.6	63.1	5.82	73.4	57.3	6.01	76.2	43.1	6.12	67.2	64.4	6.43	70.8	58.4	6.63	73.6	43.9	6.75
	90	71.9	66.5	5.84	74.2	63.7	6.03	75.8	52.5	6.14	69.4	67.8	6.44	71.6	64.9	6.65	73.1	53.5	6.77
2250	75	67.6	53.8	5.84	74.8	40.7	6.02	80.4	18.0	6.14	65.2	54.8	6.44	72.1	41.5	6.64	77.5	18.3	6.76
	80	70.6	61.8	5.86	76.1	51.0	6.04	80.4	33.4	6.15	68.1	63.0	6.46	73.4	52.0	6.66	77.6	34.1	6.78
	85	73.2	67.7	5.88	77.2	61.4	6.06	80.2	46.2	6.17	70.6	69.0	6.48	74.5	62.6	6.68	77.4	47.1	6.80
	90	75.6	71.3	5.89	78.0	68.3	6.08	79.7	56.3	6.19	73.0	72.7	6.49	75.3	69.6	6.70	76.9	57.4	6.82
2500	75	69.1	56.7	5.89	76.4	42.9	6.08	82.1	18.9	6.19	66.6	57.7	6.51	73.7	43.7	6.72	79.2	19.3	6.84
	80	72.1	65.1	5.91	77.7	53.7	6.09	82.1	35.2	6.21	69.5	66.3	6.53	75.0	54.8	6.74	79.2	35.9	6.86
	85	74.8	71.3	5.93	78.9	64.7	6.11	81.9	48.7	6.23	72.2	72.2	6.55	76.1	65.9	6.76	79.0	49.6	6.88
	90	77.2	75.1	5.94	79.7	71.9	6.13	81.4	59.3	6.24	74.5	74.5	6.57	76.9	73.3	6.78	78.5	60.4	6.90
2750	75	70.6	58.3	5.94	78.1	44.2	6.13	83.9	19.5	6.24	68.1	59.4	6.54	75.3	45.0	6.74	81.0	19.9	6.87
	80	73.7	67.0	5.96	79.5	55.3	6.15	84.0	36.2	6.26	71.1	68.3	6.56	76.7	56.4	6.76	81.0	36.9	6.89
	85	76.5	73.4	5.98	80.6	66.6	6.16	83.7	50.1	6.28	73.8	73.8	6.58	77.8	67.9	6.78	80.8	51.1	6.91
	90	79.0	77.3	5.99	81.5	74.0	6.18	83.2	61.0	6.30	76.2	76.2	6.60	78.6	75.4	6.80	80.3	62.2	6.93
3000	75	71.2	59.9	5.99	78.7	45.3	6.18	84.6	20.0	6.29	68.7	61.0	6.59	75.9	46.2	6.79	81.6	20.4	6.92
	80	74.2	68.7	6.01	80.1	56.8	6.20	84.6	37.2	6.31	71.6	68.8	6.61	77.3	57.9	6.82	81.6	37.9	6.94
	85	77.0	75.3	6.03	81.2	68.4	6.22	84.4	51.4	6.33	74.3	74.3	6.63	78.4	69.7	6.84	81.4	52.4	6.96
	90	79.6	79.3	6.04	82.1	76.0	6.23	83.9	62.6	6.35	76.8	76.8	6.65	79.2	77.4	6.86	80.9	63.8	6.98

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2000	75	58.7	48.9	6.87	64.9	37.0	7.09	69.8	16.3	7.22	54.8	47.1	7.27	60.6	35.7	7.50	65.2	15.7	7.64	50.3	44.5	7.60	55.6	33.7	7.84	59.8	14.9	7.99
	80	61.2	56.1	6.89	66.1	46.3	7.11	69.8	30.3	7.24	57.2	54.1	7.29	61.7	44.7	7.52	65.2	29.2	7.66	52.5	51.1	7.63	56.6	42.2	7.87	59.8	27.6	8.01
	85	63.5	61.5	6.91	67.0	55.8	7.13	69.6	42.0	7.26	59.4	59.3	7.31	62.6	53.8	7.54	65.0	40.4	7.68	54.5	54.5	7.65	57.4	50.8	7.89	59.7	38.2	8.04
	90	65.6	64.7	6.93	67.7	62.0	7.15	69.2	51.1	7.28	61.3	61.3	7.33	63.3	59.7	7.57	64.6	49.3	7.71	56.3	56.3	7.67	58.1	56.5	7.91	59.3	46.6	8.06
2250	75	61.7	52.4	6.92	68.2	39.7	7.14	73.4	17.5	7.27	57.7	50.5	7.32	63.8	38.2	7.55	68.6	16.9	7.69	52.9	47.7	7.65	58.5	36.1	7.90	62.9	16.0	8.04
	80	64.4	60.2	6.94	69.5	49.7	7.16	73.4	32.5	7.29	60.2	58.0	7.34	64.9	47.9	7.57	68.6	31.4	7.71	55.2	54.8	7.68	59.6	45.3	7.92	62.9	29.6	8.07
	85	66.8	65.9	6.96	70.5	59.8	7.18	73.2	45.0	7.31	62.5	62.5	7.36	65.9	57.7	7.60	68.4	43.4	7.74	57.3	57.3	7.70	60.4	54.5	7.94	62.8	41.0	8.09
	90	69.0	69.0	6.98	71.2	66.5	7.20	72.8	54.8	7.34	64.5	64.5	7.38	66.6	64.1	7.62	68.0	52.8	7.76	59.2	59.2	7.72	61.1	60.5	7.97	62.4	49.9	8.11
2500	75	63.1	55.2	6.97	69.7	41.8	7.19	74.9	18.4	7.32	58.9	53.2	7.37	65.1	40.3	7.60	70.0	17.8	7.74	54.1	50.2	7.70	59.8	38.0	7.95	64.2	16.8	8.09
	80	65.8	63.3	6.99	71.0	52.3	7.21	75.0	34.3	7.35	61.5	61.0	7.39	66.3	50.4	7.62	70.1	33.0	7.77	56.4	56.4	7.73	60.8	47.6	7.97	64.3	31.2	8.12
	85	68.3	68.3	7.01	72.0	63.0	7.23	74.8	47.4	7.37	63.8	63.8	7.41	67.3	60.7	7.65	69.9	45.7	7.79	58.5	58.5	7.75	61.7	57.4	8.00	64.1	43.2	8.14
	90	70.5	70.5	7.03	72.8	70.0	7.25	74.3	57.7	7.39	65.9	65.9	7.44	68.0	67.5	7.67	69.4	55.6	7.81	60.4	60.4	7.77	62.4	62.4	8.02	63.7	52.6	8.17
2750	75	64.5	56.8	7.02	71.3	43.0	7.24	76.6	19.0	7.38	60.2	54.7	7.42	66.6	41.4	7.65	71.6	18.3	7.80	55.3	51.7	7.75	61.1	39.2	8.00	65.7	17.3	8.15
	80	67.2	65.2	7.04	72.5	53.9	7.26	76.6	35.3	7.40	62.8	62.8	7.44	67.8	51.9	7.68	71.6	34.0	7.82	57.6	57.6	7.78	62.2	49.1	8.02	65.7	32.1	8.17
	85	69.8	69.8	7.06	73.6	64.9	7.29	76.4	48.8	7.42	65.2	65.2	7.46	68.8	62.5	7.70	71.4	47.0	7.84	59.8	59.8	7.80	63.1	59.1	8.05	65.5	44.4	8.20
	90	72.1	72.1	7.08	74.4	72.1	7.31	76.0	59.4	7.44	67.4	67.4	7.49	69.5	69.4	7.72	71.0	57.3	7.87	61.8	61.8	7.82	63.8	63.8	8.07	65.1	54.1	8.22
3000	75	65.0	58.3	7.07	71.8	44.1	7.29	77.2	19.5	7.43	60.7	56.2	7.47	67.1	42.5	7.70	72.2	18.8	7.85	55.7	53.1	7.80	61.6	40.2	8.05	66.2	17.7	8.20
	80	67.8	66.9	7.09	73.1	55.3	7.32	77.2	36.2	7.45	63.3	63.3	7.49	68.3	53.3	7.73	72.2	34.9	7.87	58.1	58.1	7.83	62.7	50.4	8.07	66.2	33.0	8.22
	85	70.3	70.3	7.11	74.2	66.6	7.34	77.0	50.1	7.47	65.7	65.7	7.51	69.3	64.2	7.75	72.0	48.3	7.89	60.3	60.3	7.85	63.6	60.6	8.10	66.0	45.6	8.25
	90	72.6	72.6	7.13	75.0	74.0	7.36	76.6	61.0	7.50	67.9	67.9	7.54	70.0	70.0	7.77	71.5	58.8	7.92	62.3	62.3	7.87	64.3	64.3	8.12	65.6	55.5	8.27

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-0890CH/LK-08B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2400	75	78.9	61.5	7.73	87.2	46.6	7.97	93.8	20.6	8.12	76.1	62.7	8.52	84.1	47.5	8.79	90.4	21.0	8.96
	80	82.3	70.7	7.75	88.8	58.4	7.99	93.8	38.2	8.14	79.4	72.0	8.55	85.6	59.5	8.82	90.5	39.0	8.98
	85	85.4	77.5	7.77	90.1	70.3	8.02	93.5	52.9	8.17	82.4	78.9	8.57	86.9	71.6	8.84	90.2	53.9	9.01
	90	88.2	81.6	7.80	91.0	78.1	8.04	93.0	64.4	8.19	85.1	83.1	8.60	87.8	79.6	8.87	89.7	65.6	9.04
2700	75	83.0	66.0	7.79	91.7	50.0	8.04	98.6	22.1	8.19	80.0	67.3	8.59	88.5	50.9	8.86	95.1	22.5	9.03
	80	86.6	75.8	7.82	93.4	62.6	8.06	98.7	41.0	8.21	83.5	77.2	8.62	90.1	63.8	8.89	95.2	41.8	9.05
	85	89.8	83.1	7.84	94.7	75.4	8.09	98.4	56.7	8.24	86.7	84.6	8.64	91.4	76.8	8.91	94.9	57.8	9.08
	90	92.8	87.5	7.86	95.7	83.7	8.11	97.8	69.0	8.26	89.5	89.1	8.67	92.4	85.3	8.94	94.3	70.4	9.11
3000	75	84.7	70.4	7.86	93.7	53.3	8.11	100.7	23.5	8.26	81.7	71.8	8.69	90.4	54.4	8.96	97.2	24.0	9.13
	80	88.4	80.9	7.88	95.4	66.8	8.13	100.8	43.8	8.28	85.3	82.4	8.72	92.0	68.1	8.99	97.2	44.6	9.16
	85	91.7	88.7	7.91	96.7	80.5	8.16	100.5	60.5	8.31	88.5	88.5	8.74	93.3	82.0	9.02	96.9	61.7	9.18
	90	94.8	93.4	7.93	97.8	89.4	8.18	99.9	73.7	8.33	91.4	91.4	8.77	94.3	91.1	9.04	96.3	75.1	9.21
3300	75	86.6	71.5	7.93	95.8	54.2	8.18	103.0	23.9	8.33	83.6	72.9	8.72	92.4	55.2	9.00	99.3	24.4	9.17
	80	90.4	82.2	7.95	97.5	67.8	8.20	103.0	44.4	8.35	87.2	83.7	8.75	94.0	69.1	9.03	99.4	45.3	9.19
	85	93.8	90.0	7.97	98.9	81.7	8.23	102.7	61.5	8.38	90.5	90.5	8.78	95.4	83.3	9.05	99.1	62.6	9.22
	90	96.9	94.8	8.00	100.0	90.8	8.25	102.1	74.8	8.40	93.4	93.4	8.80	96.4	92.5	9.08	98.5	76.3	9.25
3600	75	87.3	73.4	7.99	96.5	55.6	8.25	103.8	24.5	8.40	84.2	74.8	8.79	93.1	56.7	9.07	100.1	25.0	9.24
	80	91.1	84.3	8.02	98.2	69.6	8.27	103.8	45.6	8.42	87.9	84.4	8.82	94.8	71.0	9.09	100.1	46.5	9.26
	85	94.5	92.4	8.04	99.7	83.9	8.30	103.5	63.1	8.45	91.2	91.2	8.84	96.1	85.5	9.12	99.9	64.3	9.29
	90	97.6	97.3	8.07	100.7	93.2	8.32	102.9	76.8	8.47	94.2	94.2	8.87	97.2	95.0	9.15	99.3	78.3	9.32

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2400	75	72.0	59.9	9.17	79.6	45.4	9.46	85.6	20.0	9.63	67.3	57.8	9.70	74.4	43.7	10.01	80.0	19.3	10.19	61.7	54.6	10.15	68.2	41.3	10.47	73.4	18.2	10.66
	80	75.1	68.8	9.20	81.0	56.8	9.49	85.6	37.2	9.66	70.2	66.3	9.73	75.7	54.8	10.04	80.0	35.9	10.22	64.4	62.7	10.18	69.5	51.8	10.50	73.4	33.9	10.69
	85	77.9	75.4	9.22	82.2	68.4	9.51	85.4	51.5	9.69	72.8	72.7	9.76	76.8	66.0	10.07	79.8	49.6	10.25	66.8	66.8	10.21	70.5	62.3	10.53	73.2	46.9	10.73
	90	80.5	79.4	9.25	83.1	76.0	9.54	84.9	62.7	9.72	75.2	75.2	9.79	77.6	73.3	10.10	79.3	60.4	10.28	69.0	69.0	10.24	71.2	69.3	10.56	72.7	57.1	10.76
2700	75	75.7	64.3	9.23	83.7	48.7	9.53	90.0	21.5	9.70	70.8	61.9	9.77	78.2	46.9	10.08	84.1	20.7	10.26	64.9	58.5	10.21	71.8	44.3	10.54	77.2	19.6	10.73
	80	79.0	73.8	9.26	85.2	60.9	9.55	90.0	39.9	9.73	73.8	71.1	9.80	79.6	58.7	10.11	84.2	38.5	10.29	67.7	67.2	10.25	73.1	55.5	10.57	77.2	36.4	10.76
	85	82.0	80.9	9.29	86.5	73.4	9.58	89.8	55.2	9.76	76.6	76.6	9.83	80.8	70.7	10.14	83.9	53.2	10.32	70.3	70.3	10.28	74.1	66.9	10.60	77.0	50.3	10.80
	90	84.7	84.7	9.32	87.4	81.5	9.61	89.2	67.2	9.79	79.1	79.1	9.86	81.7	78.6	10.17	83.4	64.8	10.35	72.6	72.6	10.31	74.9	74.3	10.63	76.5	61.2	10.83
3000	75	77.3	68.6	9.30	85.5	51.9	9.59	91.9	22.9	9.77	72.3	66.1	9.83	79.9	50.1	10.14	85.9	22.1	10.33	66.3	62.5	10.28	73.3	47.3	10.61	78.8	20.9	10.80
	80	80.7	78.8	9.33	87.0	65.0	9.62	92.0	42.6	9.80	75.4	75.4	9.86	81.3	62.7	10.17	86.0	41.1	10.36	69.2	69.2	10.31	74.6	59.2	10.64	78.8	38.8	10.83
	85	83.7	83.7	9.36	88.3	78.3	9.65	91.7	58.9	9.83	78.3	78.3	9.89	82.5	75.5	10.21	85.7	56.8	10.39	71.8	71.8	10.34	75.7	71.4	10.67	78.6	53.7	10.87
	90	86.5	86.5	9.39	89.3	87.0	9.68	91.2	71.8	9.86	80.8	80.8	9.92	83.4	83.4	10.24	85.2	69.2	10.43	74.1	74.1	10.37	76.5	76.5	10.70	78.1	65.4	10.90
3300	75	79.1	69.7	9.37	87.4	52.8	9.66	94.0	23.3	9.84	73.9	67.1	9.90	81.7	50.8	10.21	87.8	22.4	10.40	67.8	63.5	10.35	74.9	48.1	10.67	80.6	21.2	10.87
	80	82.5	80.0	9.40	89.0	66.1	9.69	94.0	43.3	9.87	77.1	77.1	9.93	83.2	63.7	10.24	87.9	41.7	10.43	70.7	70.7	10.38	76.3	60.2	10.71	80.6	39.4	10.91
	85	85.6	85.6	9.42	90.3	79.6	9.72	93.8	59.8	9.90	80.0	80.0	9.96	84.4	76.7	10.27	87.6	57.7	10.47	73.4	73.4	10.41	77.4	72.5	10.74	80.4	54.5	10.94
	90	88.4	88.4	9.45	91.2	88.4	9.75	93.2	72.9	9.93	82.6	82.6	9.99	85.3	85.2	10.31	87.1	70.2	10.50	75.8	75.8	10.44	78.2	78.2	10.77	79.9	66.4	10.97
3600	75	79.7	71.5	9.43	88.1	54.1	9.73	94.7	23.9	9.91	74.5	68.9	9.97	82.3	52.2	10.28	88.5	23.0	10.47	68.3	65.1	10.41	75.5	49.3	10.74	81.2	21.8	10.94
	80	83.1	82.1	9.46	89.7	67.8	9.76	94.7	44.4	9.94	77.7	77.7	10.00	83.8	65.3	10.31	88.5	42.8	10.50	71.3	71.3	10.45	76.9	61.8	10.78	81.2	40.5	10.98
	85	86.3	86.3	9.49	91.0	81.7	9.79	94.5	61.4	9.97	80.6	80.6	10.03	85.0	78.7	10.34	88.3	59.2	10.54	74.0	74.0	10.48	78.0	74.4	10.81	81.0	55.9	11.01
	90	89.1	89.1	9.52	91.9	90.7	9.82	93.9	74.8	10.00	83.3	83.3	10.06	85.9	85.9	10.37	87.8	72.1	10.57	76.4	76.4	10.51	78.8	78.8	10.84	80.5	68.1	11.04

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-09B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2720	75	91.7	71.6	7.95	101.4	54.2	8.20	109.0	23.9	8.35	88.5	72.9	8.77	97.8	55.2	9.05	105.2	24.4	9.21
	80	95.7	82.2	7.97	103.2	67.9	8.23	109.1	44.5	8.38	92.3	83.8	8.80	99.6	69.2	9.07	105.2	45.3	9.24
	85	99.3	90.1	8.00	104.7	81.8	8.25	108.8	61.5	8.40	95.8	91.8	8.82	101.0	83.3	9.10	104.9	62.7	9.27
	90	102.6	94.9	8.02	105.9	90.8	8.28	108.1	74.9	8.43	99.0	96.7	8.85	102.1	92.6	9.13	104.3	76.3	9.30
3060	75	96.5	76.8	8.02	106.7	58.1	8.27	114.7	25.7	8.43	93.1	78.2	8.84	102.9	59.2	9.12	110.6	26.1	9.29
	80	100.7	88.1	8.04	108.6	72.8	8.30	114.7	47.7	8.45	97.1	89.8	8.87	104.8	74.2	9.14	110.7	48.6	9.31
	85	104.5	96.6	8.07	110.2	87.7	8.32	114.4	65.9	8.48	100.8	98.4	8.89	106.3	89.3	9.17	110.4	67.2	9.34
	90	107.9	101.7	8.09	111.3	97.4	8.35	113.7	80.3	8.50	104.1	103.7	8.92	107.4	99.3	9.20	109.7	81.8	9.37
3400	75	98.6	80.8	8.09	109.0	61.2	8.34	117.1	27.0	8.50	95.1	82.4	8.94	105.1	62.4	9.22	113.0	27.5	9.39
	80	102.8	92.8	8.11	110.9	76.6	8.37	117.2	50.2	8.52	99.2	94.6	8.97	107.0	78.1	9.25	113.1	51.2	9.42
	85	106.7	101.7	8.14	112.5	92.3	8.39	116.9	69.4	8.55	102.9	102.9	8.99	108.5	94.1	9.28	112.7	70.8	9.45
	90	110.2	107.1	8.16	113.7	102.6	8.42	116.2	84.5	8.57	106.3	106.3	9.02	109.7	104.5	9.31	112.1	86.2	9.48
3740	75	100.7	83.2	8.16	111.4	63.0	8.41	119.7	27.8	8.57	97.2	84.8	8.98	107.4	64.2	9.26	115.5	28.3	9.43
	80	105.1	95.6	8.18	113.4	78.9	8.44	119.8	51.7	8.60	101.4	97.4	9.00	109.4	80.4	9.29	115.6	52.7	9.46
	85	109.1	104.7	8.21	115.0	95.0	8.46	119.5	71.5	8.62	105.2	105.2	9.03	111.0	96.9	9.32	115.2	72.8	9.49
	90	112.7	110.3	8.23	116.2	105.6	8.49	118.7	87.0	8.65	108.7	108.7	9.06	112.1	107.6	9.34	114.5	88.7	9.52
4080	75	101.5	85.4	8.23	112.2	64.7	8.48	120.7	28.5	8.64	97.9	87.0	9.04	108.3	65.9	9.33	116.4	29.1	9.50
	80	105.9	98.1	8.25	114.3	81.0	8.51	120.7	53.0	8.67	102.2	98.1	9.07	110.2	82.5	9.36	116.5	54.1	9.53
	85	109.9	107.5	8.27	115.9	97.5	8.54	120.4	73.4	8.69	106.0	106.0	9.10	111.8	99.4	9.39	116.1	74.8	9.56
	90	113.5	113.2	8.30	117.2	108.4	8.56	119.7	89.3	8.72	109.5	109.5	9.13	113.0	110.4	9.41	115.4	91.0	9.59

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2720	75	83.7	69.7	9.43	92.6	52.8	9.73	99.5	23.3	9.91	78.3	67.2	9.98	86.5	50.9	10.30	93.0	22.5	10.49	71.8	63.5	10.44	79.4	48.1	10.77	85.3	21.2	10.97
	80	87.4	80.0	9.46	94.2	66.1	9.76	99.6	43.3	9.94	81.6	77.1	10.01	88.1	63.7	10.33	93.1	41.7	10.52	74.9	72.9	10.47	80.8	60.2	10.80	85.4	39.4	11.00
	85	90.7	87.7	9.49	95.6	79.6	9.79	99.3	59.9	9.97	84.7	84.5	10.04	89.3	76.7	10.36	92.8	57.7	10.55	77.7	77.7	10.50	82.0	72.5	10.84	85.1	54.5	11.04
	90	93.6	92.4	9.52	96.6	88.4	9.82	98.7	72.9	10.00	87.5	87.5	10.07	90.3	85.2	10.39	92.2	70.3	10.58	80.3	80.3	10.54	82.8	80.6	10.87	84.6	66.4	11.07
3060	75	88.1	74.7	9.50	97.4	56.6	9.80	104.7	25.0	9.98	82.3	72.0	10.05	91.0	54.5	10.37	97.8	24.1	10.56	75.5	68.1	10.51	83.5	51.6	10.84	89.7	22.8	11.04
	80	91.9	85.8	9.53	99.1	70.9	9.83	104.7	46.4	10.01	85.9	82.7	10.08	92.6	68.3	10.40	97.9	44.7	10.59	78.8	78.2	10.54	85.0	64.6	10.87	89.8	42.3	11.08
	85	95.4	94.1	9.56	100.5	85.4	9.86	104.4	64.2	10.04	89.1	89.1	10.11	94.0	82.3	10.43	97.6	61.9	10.62	81.7	81.7	10.57	86.2	77.8	10.91	89.5	58.5	11.11
	90	98.5	98.5	9.59	101.6	94.8	9.89	103.8	78.2	10.07	92.0	92.0	10.14	95.0	91.4	10.46	97.0	75.3	10.65	84.4	84.4	10.61	87.1	86.4	10.94	89.0	71.2	11.14
3400	75	90.0	78.7	9.57	99.5	59.6	9.87	106.9	26.3	10.06	84.1	75.8	10.12	92.9	57.4	10.44	99.9	25.4	10.63	77.1	71.7	10.58	85.3	54.3	10.91	91.7	24.0	11.12
	80	93.8	90.4	9.60	101.2	74.6	9.90	107.0	48.9	10.09	87.7	87.1	10.15	94.6	71.9	10.47	100.0	47.1	10.66	80.5	80.5	10.61	86.8	68.0	10.95	91.7	44.5	11.15
	85	97.4	97.4	9.63	102.7	89.9	9.93	106.7	67.6	10.12	91.0	91.0	10.18	96.0	86.6	10.50	99.7	65.2	10.70	83.5	83.5	10.64	88.0	81.9	10.98	91.4	61.6	11.18
	90	100.6	100.6	9.66	103.8	99.9	9.96	106.0	82.3	10.15	94.0	94.0	10.21	97.0	96.2	10.53	99.1	79.3	10.73	86.2	86.2	10.67	89.0	89.0	11.01	90.9	75.0	11.22
3740	75	92.0	81.0	9.64	101.7	61.4	9.94	109.3	27.1	10.13	85.9	78.1	10.19	95.0	59.1	10.51	102.1	26.1	10.70	78.8	73.8	10.65	87.2	55.9	10.98	93.7	24.7	11.19
	80	95.9	93.0	9.67	103.5	76.8	9.97	109.3	50.3	10.16	89.7	89.7	10.22	96.7	74.0	10.54	102.2	48.5	10.74	82.2	82.2	10.68	88.7	70.0	11.02	93.7	45.8	11.22
	85	99.6	99.6	9.70	105.0	92.5	10.00	109.0	69.6	10.19	93.0	93.0	10.25	98.1	89.2	10.57	101.9	67.1	10.77	85.3	85.3	10.71	90.0	84.3	11.05	93.5	63.4	11.25
	90	102.8	102.8	9.73	106.1	102.8	10.03	108.4	84.8	10.22	96.1	96.1	10.28	99.2	99.1	10.60	101.3	81.7	10.80	88.1	88.1	10.74	91.0	91.0	11.08	92.9	77.2	11.29
4080	75	92.7	83.2	9.71	102.5	63.0	10.01	110.1	27.8	10.20	86.6	80.1	10.26	95.7	60.7	10.58	102.9	26.8	10.78	79.4	75.7	10.72	87.8	57.4	11.05	94.4	25.3	11.26
	80	96.7	95.5	9.74	104.3	78.9	10.04	110.2	51.6	10.23	90.4	90.4	10.29	97.5	76.0	10.61	103.0	49.8	10.81	82.9	82.9	10.75	89.4	71.8	11.09	94.5	47.0	11.29
	85	100.3	100.3	9.77	105.8	95.0	10.07	109.9	71.4	10.26	93.8	93.8	10.32	98.9	91.5	10.64	102.7	68.8	10.84	86.0	86.0	10.78	90.7	86.5	11.12	94.2	65.1	11.33
	90	103.6	103.6	9.80	106.9	105.5	10.11	109.2	87.0	10.29	96.8	96.8	10.35	99.9	99.9	10.68	102.1	83.8	10.87	88.8	88.8	10.81	91.7	91.7	11.15	93.6	79.2	11.36

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-1090CH/LK-10B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3200	75	107.9	84.2	9.62	119.3	63.8	9.93	128.3	28.2	10.11	104.1	85.8	10.62	115.1	65.0	10.95	123.8	28.7	11.15
	80	112.6	96.7	9.65	121.5	79.9	9.96	128.4	52.3	10.14	108.6	98.6	10.65	117.2	81.4	10.98	123.8	53.3	11.19
	85	116.9	106.0	9.68	123.2	96.2	9.99	128.0	72.4	10.17	112.7	108.0	10.68	118.9	98.0	11.02	123.5	73.7	11.22
	90	120.7	111.6	9.71	124.6	106.9	10.02	127.2	88.1	10.20	116.4	113.8	10.71	120.2	108.9	11.05	122.7	89.8	11.25
3600	75	113.5	90.3	9.71	125.5	68.4	10.01	134.9	30.2	10.20	109.5	92.0	10.70	121.1	69.7	11.04	130.2	30.8	11.24
	80	118.4	103.7	9.74	127.8	85.7	10.04	135.0	56.1	10.23	114.3	105.7	10.73	123.3	87.3	11.07	130.2	57.2	11.28
	85	122.9	113.7	9.77	129.6	103.2	10.07	134.6	77.6	10.26	118.6	115.8	10.76	125.0	105.1	11.10	129.9	79.1	11.31
	90	127.0	119.7	9.80	131.0	114.6	10.10	133.8	94.5	10.29	122.5	122.0	10.80	126.4	116.8	11.14	129.1	96.3	11.34
4000	75	116.0	99.0	9.79	128.2	75.0	10.10	137.8	33.1	10.29	111.9	100.9	10.82	123.7	76.4	11.16	133.0	33.7	11.37
	80	121.0	113.7	9.82	130.5	93.9	10.13	137.9	61.5	10.32	116.7	115.9	10.86	125.9	95.7	11.20	133.0	62.7	11.41
	85	125.5	124.6	9.85	132.4	113.1	10.16	137.5	85.0	10.35	121.1	121.1	10.89	127.7	115.2	11.23	132.7	86.7	11.44
	90	129.7	129.7	9.88	133.8	125.6	10.19	136.7	103.6	10.38	125.1	125.1	10.92	129.1	128.0	11.27	131.8	105.5	11.47
4400	75	118.5	97.9	9.87	131.0	74.1	10.19	140.9	32.7	10.37	114.4	99.8	10.87	126.4	75.6	11.21	135.9	33.4	11.42
	80	123.7	112.4	9.90	133.4	92.9	10.22	141.0	60.8	10.41	119.3	114.6	10.90	128.7	94.6	11.24	136.0	62.0	11.45
	85	128.3	123.2	9.93	135.3	111.8	10.25	140.6	84.1	10.44	123.8	123.8	10.93	130.6	114.0	11.28	135.6	85.7	11.49
	90	132.5	129.8	9.96	136.8	124.2	10.28	139.7	102.4	10.47	127.9	127.9	10.96	132.0	126.6	11.31	134.8	104.4	11.52
4800	75	119.5	100.5	9.96	132.1	76.1	10.27	142.0	33.6	10.46	115.2	102.4	10.95	127.4	77.6	11.29	137.0	34.2	11.50
	80	124.6	115.4	9.99	134.4	95.3	10.30	142.1	62.4	10.49	120.2	115.5	10.98	129.7	97.1	11.33	137.0	63.6	11.54
	85	129.3	126.5	10.02	136.4	114.8	10.33	141.7	86.3	10.52	124.8	124.8	11.01	131.6	117.0	11.36	136.7	88.0	11.57
	90	133.6	133.2	10.05	137.8	127.5	10.36	140.8	105.1	10.56	128.9	128.9	11.05	133.0	129.9	11.40	135.8	107.1	11.61

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3200	75	98.5	82.0	11.42	108.9	62.1	11.78	117.1	27.4	12.00	92.1	79.0	12.08	101.8	59.9	12.46	109.4	26.4	12.70	84.5	74.7	12.64	93.4	56.6	13.04	100.4	25.0	13.28
	80	102.8	94.2	11.45	110.9	77.8	11.81	117.2	50.9	12.03	96.1	90.8	12.12	103.6	75.0	12.50	109.5	49.1	12.73	88.1	85.8	12.68	95.1	70.8	13.08	100.4	46.4	13.32
	85	106.7	103.2	11.49	112.5	93.7	11.85	116.8	70.4	12.07	99.7	99.5	12.16	105.1	90.3	12.54	109.2	67.9	12.77	91.4	91.4	12.72	96.4	85.3	13.12	100.2	64.2	13.36
	90	110.2	108.7	11.52	113.7	104.1	11.89	116.1	85.8	12.11	103.0	103.0	12.19	106.2	100.3	12.58	108.5	82.7	12.81	94.4	94.4	12.75	97.5	94.8	13.16	99.5	78.1	13.40
3600	75	103.6	87.9	11.50	114.6	66.6	11.87	123.2	29.4	12.09	96.8	84.8	12.17	107.1	64.2	12.55	115.1	28.3	12.78	88.8	80.1	12.72	98.2	60.7	13.12	105.6	26.8	13.37
	80	108.1	101.0	11.54	116.6	83.4	11.90	123.2	54.6	12.12	101.0	97.3	12.20	109.0	80.4	12.59	115.2	52.6	12.82	92.7	92.0	12.76	100.0	76.0	13.16	105.6	49.8	13.41
	85	112.2	110.7	11.57	118.3	100.4	11.94	122.9	75.5	12.16	104.9	104.9	12.24	110.6	96.8	12.63	114.8	72.8	12.86	96.2	96.2	12.80	101.4	91.5	13.20	105.3	68.8	13.45
	90	115.9	115.9	11.61	119.6	111.6	11.97	122.1	92.0	12.19	108.3	108.3	12.28	111.7	107.5	12.66	114.1	88.7	12.90	99.3	99.3	12.84	102.5	101.6	13.24	104.7	83.8	13.49
4000	75	105.8	96.4	11.59	117.0	73.0	11.95	125.8	32.2	12.17	98.9	92.9	12.25	109.4	70.4	12.64	117.6	31.1	12.87	90.7	87.8	12.81	100.3	66.5	13.21	107.9	29.4	13.46
	80	110.4	110.4	11.62	119.1	91.4	11.99	125.9	59.9	12.21	103.2	103.2	12.29	111.3	88.1	12.67	117.6	57.7	12.91	94.7	94.7	12.84	102.1	83.3	13.25	107.9	54.5	13.50
	85	114.6	114.6	11.66	120.8	110.1	12.02	125.5	82.8	12.25	107.1	107.1	12.32	112.9	106.1	12.71	117.3	79.8	12.95	98.2	98.2	12.88	103.6	100.3	13.29	107.6	75.4	13.54
	90	118.4	118.4	11.69	122.1	122.1	12.06	124.7	100.8	12.28	110.6	110.6	12.36	114.1	114.1	12.75	116.6	97.2	12.99	101.5	101.5	12.92	104.7	104.7	13.33	106.9	91.9	13.58
4400	75	108.2	95.3	11.67	119.6	72.2	12.04	128.6	31.9	12.26	101.1	91.9	12.33	111.8	69.6	12.72	120.2	30.7	12.96	92.8	86.8	12.89	102.5	65.8	13.30	110.2	29.0	13.54
	80	112.9	109.5	11.70	121.8	90.4	12.07	128.7	59.2	12.30	105.5	105.5	12.37	113.8	87.1	12.76	120.2	57.1	13.00	96.8	96.8	12.93	104.4	82.4	13.34	110.3	53.9	13.58
	85	117.1	117.1	11.74	123.5	108.9	12.11	128.3	81.9	12.33	109.5	109.5	12.41	115.4	104.9	12.80	119.9	78.9	13.04	100.4	100.4	12.97	105.9	99.2	13.38	110.0	74.6	13.62
	90	121.0	121.0	11.77	124.8	121.0	12.15	127.5	99.7	12.37	113.1	113.1	12.44	116.7	116.6	12.84	119.2	96.1	13.07	103.7	103.7	13.01	107.0	107.0	13.42	109.3	90.8	13.67
4800	75	109.0	97.8	11.75	120.5	74.1	12.12	129.6	32.7	12.35	101.9	94.3	12.42	112.7	71.4	12.81	121.1	31.5	13.04	93.5	89.1	12.97	103.3	67.5	13.38	111.1	29.8	13.63
	80	113.8	112.4	11.79	122.7	92.8	12.16	129.7	60.8	12.38	106.3	106.3	12.45	114.7	89.4	12.85	121.2	58.6	13.08	97.5	97.5	13.01	105.2	84.5	13.42	111.2	55.4	13.67
	85	118.1	118.1	11.82	124.5	111.7	12.20	129.3	84.1	12.42	110.3	110.3	12.49	116.3	107.7	12.88	120.8	81.0	13.12	101.2	101.2	13.05	106.7	101.8	13.46	110.8	76.6	13.71
	90	121.9	121.9	11.86	125.8	124.2	12.23	128.5	102.4	12.46	113.9	113.9	12.53	117.6	117.6	12.92	120.1	98.6	13.16	104.5	104.5	13.09	107.9	107.9	13.50	110.2	93.2	13.75

Notes:

1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-13B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4000	75	129.5	101.0	12.39	143.1	76.5	12.79	153.9	33.8	13.02	124.9	102.9	13.67	138.1	78.0	14.10	148.4	34.4	14.36
	80	135.1	116.0	12.43	145.7	95.8	12.82	153.9	62.7	13.06	130.3	118.2	13.71	140.6	97.6	14.15	148.5	63.9	14.41
	85	140.2	127.1	12.47	147.8	115.4	12.86	153.5	86.8	13.10	135.2	129.6	13.75	142.6	117.6	14.19	148.1	88.4	14.45
	90	144.8	133.9	12.51	149.4	128.2	12.90	152.6	105.7	13.14	139.7	136.4	13.79	144.1	130.6	14.23	147.2	107.7	14.49
4500	75	136.2	108.3	12.50	150.5	82.0	12.90	161.8	36.2	13.13	131.4	110.4	13.78	145.2	83.6	14.21	156.1	36.9	14.48
	80	142.1	124.4	12.54	153.2	102.7	12.93	161.9	67.3	13.17	137.0	126.8	13.82	147.8	104.7	14.26	156.2	68.6	14.52
	85	147.4	136.3	12.58	155.5	123.7	12.97	161.5	93.1	13.21	142.2	138.9	13.86	150.0	126.1	14.30	155.8	94.8	14.56
	90	152.3	143.6	12.61	157.1	137.4	13.01	160.5	113.3	13.25	146.9	146.3	13.90	151.6	140.1	14.34	154.8	115.5	14.61
5000	75	139.1	117.2	12.61	153.8	88.7	13.01	165.3	39.2	13.25	134.2	119.4	13.94	148.3	90.4	14.38	159.5	39.9	14.65
	80	145.1	134.6	12.65	156.5	111.1	13.05	165.4	72.8	13.29	140.0	137.1	13.98	151.0	113.3	14.42	159.5	74.2	14.69
	85	150.6	147.5	12.68	158.8	133.8	13.08	164.9	100.7	13.33	145.3	145.3	14.02	153.2	136.4	14.46	159.1	102.6	14.73
	90	155.5	155.3	12.72	160.5	148.7	13.12	163.9	122.6	13.37	150.0	150.0	14.06	154.8	151.5	14.51	158.1	124.9	14.78
5500	75	142.2	117.4	12.72	157.2	88.9	13.12	169.0	39.3	13.36	137.1	119.7	13.99	151.6	90.6	14.43	163.0	40.0	14.70
	80	148.3	134.8	12.75	160.0	111.4	13.16	169.1	72.9	13.40	143.1	137.4	14.04	154.4	113.5	14.48	163.1	74.3	14.75
	85	153.9	147.8	12.79	162.3	134.1	13.20	168.6	100.9	13.44	148.5	148.5	14.08	156.6	136.7	14.52	162.6	102.8	14.79
	90	159.0	155.6	12.83	164.1	149.0	13.24	167.6	122.8	13.48	153.4	153.4	14.12	158.3	151.9	14.56	161.6	125.2	14.84
6000	75	143.3	120.5	12.82	158.4	91.3	13.23	170.3	40.3	13.47	138.2	122.8	14.10	152.8	93.0	14.55	164.3	41.1	14.82
	80	149.5	138.4	12.86	161.2	114.3	13.27	170.4	74.9	13.51	144.2	138.5	14.14	155.6	116.5	14.59	164.4	76.3	14.86
	85	155.1	151.7	12.90	163.6	137.7	13.31	169.9	103.5	13.55	149.6	149.6	14.19	157.8	140.3	14.63	163.9	105.5	14.90
	90	160.2	159.7	12.94	165.3	152.9	13.35	168.9	126.1	13.59	154.6	154.6	14.23	159.5	155.9	14.68	162.9	128.5	14.95

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4000	75	118.2	98.4	14.71	130.6	74.5	15.17	140.5	32.9	15.45	110.4	94.8	15.56	122.1	71.8	16.05	131.3	31.7	16.35	101.3	89.6	16.28	112.0	67.8	16.79	120.4	29.9	17.10
	80	123.3	112.9	14.75	133.0	93.3	15.22	140.5	61.1	15.50	115.2	108.9	15.61	124.3	89.9	16.10	131.3	58.9	16.40	105.7	102.9	16.33	114.0	85.0	16.84	120.5	55.6	17.15
	85	127.9	123.8	14.79	134.9	112.3	15.26	140.1	84.5	15.54	119.6	119.3	15.65	126.1	108.3	16.15	130.9	81.4	16.45	109.7	109.7	16.38	115.7	102.3	16.89	120.1	77.0	17.21
	90	132.1	130.4	14.84	136.4	124.8	15.31	139.3	102.9	15.59	123.5	123.5	15.70	127.4	120.3	16.20	130.2	99.2	16.50	113.3	113.3	16.42	116.9	113.7	16.94	119.4	93.7	17.26
4500	75	124.3	105.5	14.81	137.4	79.9	15.28	147.7	35.3	15.56	116.1	101.6	15.67	128.4	77.0	16.16	138.1	34.0	16.46	106.5	96.1	16.38	117.8	72.8	16.90	126.6	32.1	17.22
	80	129.7	121.1	14.86	139.9	100.0	15.33	147.8	65.5	15.61	121.2	116.7	15.71	130.7	96.4	16.21	138.1	63.1	16.51	111.2	110.3	16.43	119.9	91.1	16.95	126.7	59.7	17.27
	85	134.6	132.7	14.90	141.9	120.5	15.37	147.4	90.6	15.66	125.8	125.8	15.76	132.6	116.1	16.26	137.7	87.3	16.56	115.4	115.4	16.48	121.6	109.7	17.00	126.3	82.5	17.32
	90	139.0	139.0	14.95	143.4	133.8	15.42	146.5	110.3	15.70	129.9	129.9	15.81	134.0	129.0	16.31	136.9	106.3	16.61	119.1	119.1	16.53	122.9	121.9	17.05	125.6	100.5	17.37
5000	75	126.9	114.1	14.92	140.3	86.4	15.39	150.9	38.1	15.68	118.6	110.0	15.77	131.2	83.3	16.27	141.0	36.8	16.57	108.8	103.9	16.49	120.3	78.7	17.01	129.4	34.7	17.33
	80	132.4	131.0	14.96	142.9	108.2	15.44	151.0	70.9	15.72	123.8	123.8	15.82	133.5	104.3	16.32	141.1	68.3	16.62	113.5	113.5	16.54	122.5	98.6	17.06	129.4	64.6	17.38
	85	137.4	137.4	15.01	144.9	130.3	15.48	150.5	98.0	15.77	128.4	128.4	15.87	135.4	125.6	16.37	140.7	94.5	16.67	117.8	117.8	16.59	124.2	118.7	17.11	129.0	89.3	17.43
	90	142.0	142.0	15.05	146.5	144.8	15.53	149.6	119.4	15.82	132.7	132.7	15.92	136.9	136.9	16.42	139.8	115.0	16.72	121.7	121.7	16.64	125.6	125.6	17.17	128.3	108.7	17.48
5500	75	129.8	114.3	15.03	143.5	86.6	15.50	154.2	38.2	15.79	121.3	110.2	15.88	134.1	83.4	16.38	144.1	36.8	16.69	111.2	104.1	16.60	123.0	78.9	17.12	132.2	34.8	17.44
	80	135.4	131.3	15.07	146.0	108.4	15.55	154.3	71.0	15.84	126.5	126.5	15.93	136.5	104.5	16.43	144.2	68.4	16.74	116.1	116.1	16.65	125.2	98.8	17.17	132.3	64.7	17.49
	85	140.5	140.5	15.12	148.2	130.6	15.59	153.9	98.2	15.88	131.3	131.3	15.98	138.5	125.9	16.48	143.8	94.7	16.79	120.4	120.4	16.70	127.0	119.0	17.23	131.9	89.5	17.55
	90	145.1	145.1	15.16	149.7	145.1	15.64	152.9	119.6	15.93	135.6	135.6	16.02	139.9	139.8	16.53	142.9	115.3	16.84	124.4	124.4	16.75	128.4	128.4	17.28	131.1	109.0	17.60
6000	75	130.8	117.3	15.13	144.6	88.9	15.61	155.4	39.2	15.90	122.2	113.1	15.99	135.1	85.6	16.49	145.3	37.8	16.80	112.1	106.9	16.71	123.9	81.0	17.23	133.3	35.7	17.55
	80	136.4	134.8	15.18	147.2	111.3	15.66	155.5	72.9	15.95	127.5	127.5	16.04	137.5	107.3	16.54	145.3	70.2	16.85	117.0	117.0	16.76	126.2	101.4	17.29	133.3	66.4	17.61
	85	141.6	141.6	15.23	149.3	134.0	15.71	155.1	100.8	16.00	132.3	132.3	16.08	139.5	129.2	16.59	144.9	97.2	16.90	121.4	121.4	16.81	128.0	122.1	17.34	132.9	91.8	17.66
	90	146.2	146.2	15.27	150.9	148.9	15.75	154.1	122.8	16.05	136.7	136.7	16.13	141.0	141.0	16.64	144.0	118.3	16.95	125.4	125.4	16.86	129.4	129.4	17.39	132.1	111.8	17.71

Notes:

1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-1590CH, LK-15B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4800	75	156.9	122.4	16.19	173.5	92.7	16.71	186.5	40.9	17.02	151.4	124.8	17.86	167.3	94.5	18.43	179.9	41.7	18.77
	80	163.7	140.6	16.24	176.6	116.1	16.76	186.6	76.0	17.07	157.9	143.3	17.92	170.3	118.3	18.48	180.0	77.5	18.83
	85	169.9	154.1	16.29	179.1	139.8	16.81	186.0	105.2	17.12	163.9	157.0	17.97	172.8	142.5	18.54	179.5	107.2	18.88
	90	175.4	162.3	16.34	181.0	155.3	16.86	184.9	128.1	17.17	169.3	165.4	18.03	174.7	158.3	18.59	178.4	130.5	18.94
5400	75	165.0	131.3	16.33	182.4	99.4	16.85	196.1	43.9	17.16	159.2	133.8	18.00	176.0	101.3	18.57	189.2	44.7	18.92
	80	172.2	150.8	16.38	185.7	124.5	16.90	196.2	81.5	17.21	166.1	153.6	18.06	179.2	126.9	18.63	189.3	83.1	18.97
	85	178.7	165.2	16.43	188.4	149.9	16.95	195.7	112.8	17.27	172.4	168.4	18.11	181.8	152.8	18.68	188.8	114.9	19.03
	90	184.5	174.0	16.48	190.4	166.6	17.00	194.5	137.3	17.32	178.0	177.3	18.17	183.7	169.8	18.74	187.6	140.0	19.09
6000	75	168.6	142.0	16.47	186.3	107.5	16.99	200.3	47.5	17.31	162.6	144.7	18.21	179.8	109.6	18.79	193.3	48.4	19.14
	80	175.8	163.1	16.52	189.7	134.7	17.05	200.4	88.2	17.36	169.6	166.2	18.27	183.0	137.3	18.84	193.4	89.9	19.19
	85	182.5	178.7	16.57	192.4	162.2	17.10	199.9	122.0	17.41	176.1	176.1	18.32	185.6	165.3	18.90	192.8	124.3	19.25
	90	188.5	188.2	16.62	194.5	180.2	17.15	198.7	148.6	17.47	181.8	181.8	18.38	187.6	183.6	18.96	191.6	151.4	19.31
6600	75	172.3	142.3	16.61	190.5	107.8	17.14	204.8	47.6	17.46	166.2	145.0	18.28	183.8	109.8	18.86	197.6	48.5	19.21
	80	179.8	163.4	16.66	193.9	135.0	17.19	204.9	88.4	17.51	173.4	166.5	18.34	187.1	137.5	18.92	197.7	90.1	19.27
	85	186.5	179.1	16.71	196.7	162.5	17.24	204.3	122.3	17.56	180.0	180.0	18.39	189.8	165.6	18.97	197.1	124.6	19.33
	90	192.7	188.6	16.76	198.8	180.6	17.29	203.1	148.9	17.61	185.9	185.9	18.45	191.8	184.0	19.03	195.9	151.7	19.38
7200	75	173.6	146.1	16.76	192.0	110.6	17.28	206.4	48.8	17.60	167.5	148.9	18.42	185.2	112.7	19.01	199.1	49.8	19.36
	80	181.2	167.7	16.81	195.4	138.5	17.34	206.5	90.7	17.66	174.8	167.8	18.48	188.5	141.2	19.06	199.2	92.5	19.42
	85	188.0	183.8	16.86	198.2	166.8	17.39	205.9	125.5	17.71	181.4	181.4	18.54	191.2	170.0	19.12	198.6	127.9	19.47
	90	194.2	193.6	16.91	200.4	185.3	17.44	204.6	152.8	17.76	187.3	187.3	18.59	193.3	188.9	19.18	197.4	155.7	19.53

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4800	75	143.2	119.2	19.22	158.3	90.3	19.82	170.2	39.8	20.19	133.8	114.9	20.33	148.0	87.0	20.97	159.1	38.4	21.36	122.8	108.6	21.27	135.7	82.2	21.94	145.9	36.3	22.35
	80	149.4	136.9	19.27	161.2	113.0	19.88	170.3	74.0	20.25	139.6	131.9	20.39	150.6	108.9	21.04	159.1	71.4	21.43	128.1	124.7	21.33	138.2	103.0	22.01	146.0	67.4	22.41
	85	155.1	150.0	19.33	163.5	136.1	19.94	169.8	102.4	20.31	144.9	144.6	20.45	152.8	131.2	21.10	158.7	98.7	21.49	132.9	132.9	21.40	140.2	124.0	22.07	145.6	93.3	22.48
	90	160.1	158.0	19.39	165.3	151.3	20.00	168.8	124.7	20.37	149.7	149.7	20.52	154.4	145.8	21.16	157.7	120.2	21.56	137.3	137.3	21.46	141.7	137.8	22.14	144.7	113.6	22.55
5400	75	150.6	127.8	19.36	166.5	96.8	19.97	179.0	42.7	20.34	140.8	123.2	20.47	155.6	93.3	21.12	167.3	41.2	21.51	129.1	116.4	21.41	142.8	88.2	22.08	153.5	38.9	22.49
	80	157.1	146.8	19.41	169.5	121.2	20.03	179.1	79.4	20.40	146.9	141.5	20.53	158.4	116.8	21.18	167.4	76.5	21.57	134.7	133.7	21.47	145.3	110.4	22.15	153.6	72.3	22.56
	85	163.1	160.9	19.47	172.0	146.0	20.09	178.6	109.8	20.46	152.4	152.4	20.59	160.7	140.7	21.24	166.9	105.8	21.64	139.8	139.8	21.54	147.4	133.0	22.22	153.1	100.0	22.63
	90	168.4	168.4	19.53	173.8	162.2	20.15	177.5	133.7	20.52	157.4	157.4	20.66	162.4	156.3	21.31	165.9	128.9	21.70	144.4	144.4	21.60	149.0	147.7	22.28	152.2	121.8	22.70
6000	75	153.8	138.3	19.50	170.1	104.7	20.11	182.9	46.2	20.48	143.8	133.3	20.61	159.0	100.9	21.26	170.9	44.5	21.66	131.9	126.0	21.55	145.8	95.4	22.23	156.8	42.1	22.64
	80	160.5	158.8	19.55	173.1	131.1	20.17	182.9	85.9	20.55	150.0	150.0	20.67	161.8	126.4	21.33	171.0	82.8	21.72	137.6	137.6	21.61	148.4	119.4	22.30	156.8	78.2	22.71
	85	166.6	166.6	19.61	175.6	157.9	20.23	182.4	118.8	20.61	155.7	155.7	20.74	164.1	152.2	21.39	170.5	114.5	21.79	142.8	142.8	21.68	150.6	143.9	22.36	156.4	108.2	22.78
	90	172.0	172.0	19.67	177.5	175.5	20.29	181.3	144.6	20.67	160.8	160.8	20.80	165.9	165.9	21.45	169.5	139.4	21.85	147.5	147.5	21.74	152.2	152.2	22.43	155.4	131.8	22.85
6600	75	157.3	138.6	19.64	173.9	104.9	20.25	186.9	46.3	20.63	147.0	133.5	20.75	162.5	101.1	21.41	174.7	44.6	21.80	134.8	126.2	21.69	149.1	95.6	22.37	160.2	42.2	22.79
	80	164.1	159.1	19.69	177.0	131.4	20.32	187.0	86.1	20.69	153.3	153.3	20.81	165.4	126.6	21.47	174.8	82.9	21.87	140.7	140.7	21.75	151.7	119.7	22.44	160.3	78.4	22.86
	85	170.3	170.3	19.75	179.5	158.3	20.38	186.5	119.0	20.76	159.1	159.1	20.88	167.8	152.5	21.54	174.3	114.7	21.93	146.0	146.0	21.82	153.9	144.2	22.51	159.9	108.4	22.93
	90	175.9	175.9	19.81	181.5	175.8	20.44	185.3	145.0	20.82	164.3	164.3	20.94	169.6	169.5	21.60	173.2	139.7	22.00	150.8	150.8	21.89	155.6	155.6	22.58	158.9	132.0	22.99
7200	75	158.5	142.2	19.78	175.2	107.7	20.40	188.4	47.5	20.78	148.1	137.1	20.89	163.8	103.8	21.55	176.0	45.8	21.95	135.9	129.5	21.83	150.2	98.1	22.52	161.5	43.3	22.94
	80	165.3	163.3	19.84	178.4	134.9	20.46	188.5	88.3	20.84	154.5	154.5	20.95	166.7	130.0	21.62	176.1	85.1	22.02	141.8	141.8	21.90	152.9	122.9	22.59	161.6	80.5	23.01
	85	171.6	171.6	19.89	180.9	162.4	20.52	187.9	122.2	20.90	160.4	160.4	21.02	169.1	156.5	21.68	175.6	117.7	22.08	147.1	147.1	21.96	155.1	148.0	22.65	161.1	111.3	23.07
	90	177.2	177.2	19.95	182.9	180.5	20.58	186.8	148.8	20.97	165.6	165.6	21.08	170.9	170.9	21.75	174.6	143.4	22.15	151.9	151.9	22.03	156.8	156.8	22.72	160.1	135.5	23.14

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-18B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
5600	75	178.3	139.1	17.39	197.2	105.4	17.93	212.0	46.5	18.27	172.0	141.8	19.18	190.2	107.4	19.78	204.5	47.4	20.15
	80	186.0	159.8	17.44	200.7	132.0	17.99	212.1	86.4	18.32	179.5	162.8	19.23	193.6	134.5	19.84	204.6	88.1	20.21
	85	193.1	175.1	17.49	203.6	158.9	18.04	211.5	119.5	18.38	186.3	178.5	19.29	196.4	162.0	19.90	204.0	121.8	20.27
	90	199.4	184.4	17.54	205.8	176.6	18.10	210.2	145.6	18.43	192.4	187.9	19.35	198.5	179.9	19.96	202.8	148.3	20.33
6300	75	187.6	149.2	17.54	207.4	113.0	18.09	222.9	49.9	18.42	180.9	152.1	19.33	200.0	115.2	19.94	215.1	50.8	20.31
	80	195.7	171.3	17.59	211.1	141.5	18.14	223.0	92.7	18.48	188.8	174.6	19.39	203.6	144.2	20.00	215.2	94.4	20.37
	85	203.1	187.8	17.64	214.1	170.4	18.20	222.4	128.2	18.54	195.9	191.4	19.44	206.6	173.7	20.06	214.6	130.6	20.43
	90	209.7	197.8	17.69	216.4	189.3	18.25	221.1	156.1	18.59	202.3	201.5	19.50	208.8	193.0	20.12	213.3	159.1	20.49
7000	75	191.6	159.3	17.69	211.8	120.6	18.24	227.7	53.2	18.58	184.8	162.3	19.55	204.3	122.9	20.17	219.7	54.3	20.54
	80	199.9	182.9	17.74	215.6	151.0	18.30	227.8	98.9	18.64	192.8	186.4	19.61	208.0	153.9	20.23	219.8	100.8	20.60
	85	207.4	200.4	17.79	218.7	181.9	18.35	227.2	136.8	18.69	200.1	200.1	19.67	211.0	185.4	20.29	219.2	139.4	20.67
	90	214.2	211.1	17.85	221.1	202.1	18.41	225.8	166.6	18.75	206.7	206.7	19.73	213.3	205.9	20.35	217.8	169.8	20.73
7700	75	195.8	161.8	17.84	216.5	122.5	18.40	232.8	54.1	18.74	188.9	164.8	19.63	208.9	124.8	20.25	224.6	55.1	20.62
	80	204.3	185.8	17.89	220.4	153.4	18.45	232.9	100.5	18.80	197.1	189.3	19.69	212.6	156.3	20.31	224.7	102.4	20.69
	85	212.0	203.6	17.94	223.6	184.7	18.51	232.2	139.0	18.85	204.5	204.5	19.75	215.7	188.3	20.37	224.0	141.6	20.75
	90	219.0	214.4	18.00	226.0	205.3	18.56	230.8	169.2	18.91	211.3	211.3	19.81	218.0	209.2	20.43	222.7	172.4	20.81
8400	75	197.4	166.0	17.99	218.2	125.7	18.55	234.6	55.5	18.90	190.4	169.2	19.78	210.5	128.1	20.40	226.3	56.6	20.78
	80	205.9	190.6	18.04	222.1	157.4	18.61	234.7	103.1	18.96	198.6	190.8	19.84	214.3	160.5	20.46	226.4	105.1	20.84
	85	213.7	208.9	18.09	225.3	189.6	18.67	234.0	142.6	19.01	206.1	206.1	19.90	217.4	193.2	20.53	225.8	145.3	20.91
	90	220.7	220.0	18.15	227.7	210.7	18.72	232.6	173.7	19.07	212.9	212.9	19.96	219.7	214.7	20.59	224.4	177.0	20.97

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
5600	75	162.8	135.5	20.63	180.0	102.6	21.28	193.5	45.3	21.67	152.1	130.6	21.83	168.2	98.9	22.51	180.8	43.6	22.93	139.5	123.4	22.83	154.3	93.5	23.55	165.9	41.3	23.99
	80	169.8	155.6	20.69	183.2	128.5	21.34	193.6	84.2	21.74	158.7	149.9	21.89	171.2	123.8	22.58	180.9	81.1	23.00	145.6	141.7	22.90	157.0	117.0	23.62	165.9	76.7	24.06
	85	176.2	170.5	20.75	185.8	154.7	21.41	193.0	116.4	21.80	164.7	164.3	21.96	173.7	149.1	22.65	180.4	112.2	23.07	151.1	151.1	22.97	159.3	141.0	23.69	165.5	106.0	24.13
	90	182.0	179.6	20.81	187.8	171.9	21.47	191.8	141.7	21.87	170.1	170.1	22.02	175.5	165.7	22.72	179.3	136.6	23.14	156.0	156.0	23.04	161.0	156.6	23.77	164.5	129.1	24.21
6300	75	171.2	145.3	20.78	189.3	110.0	21.43	203.5	48.6	21.83	160.0	140.0	21.98	176.9	106.0	22.67	190.2	46.8	23.09	146.8	132.3	22.98	162.3	100.2	23.71	174.4	44.2	24.15
	80	178.6	166.8	20.84	192.7	137.8	21.50	203.6	90.2	21.90	166.9	160.8	22.04	180.1	132.8	22.74	190.3	87.0	23.16	153.1	152.0	23.05	165.2	125.5	23.78	174.5	82.2	24.22
	85	185.4	182.8	20.90	195.5	165.9	21.56	203.0	124.8	21.96	173.2	173.2	22.11	182.7	159.9	22.81	189.7	120.3	23.23	158.9	158.9	23.12	167.6	151.1	23.85	174.0	113.7	24.29
	90	191.4	191.4	20.97	197.6	184.3	21.63	201.8	152.0	22.03	178.9	178.9	22.17	184.6	177.7	22.87	188.6	146.5	23.30	164.1	164.1	23.19	169.4	167.9	23.92	173.0	138.4	24.37
7000	75	174.9	155.1	20.93	193.3	117.4	21.59	207.8	51.8	21.99	163.4	149.4	22.13	180.7	113.2	22.82	194.2	50.0	23.25	149.9	141.3	23.13	165.7	107.0	23.86	178.2	47.2	24.31
	80	182.4	178.1	20.99	196.8	147.1	21.65	207.9	96.3	22.06	170.5	170.5	22.19	183.9	141.7	22.89	194.3	92.8	23.32	156.4	156.4	23.20	168.7	134.0	23.93	178.3	87.7	24.38
	85	189.3	189.3	21.05	199.6	177.1	21.72	207.4	133.2	22.12	176.9	176.9	22.26	186.6	170.7	22.96	193.8	128.4	23.39	162.3	162.3	23.27	171.2	161.3	24.01	177.8	121.3	24.45
	90	195.5	195.5	21.12	201.8	196.8	21.78	206.1	162.2	22.19	182.7	182.7	22.33	188.6	188.6	23.03	192.6	156.3	23.46	167.6	167.6	23.34	173.0	173.0	24.08	176.7	147.8	24.53
7700	75	178.7	157.5	21.08	197.6	119.3	21.74	212.5	52.6	22.15	167.0	151.8	22.28	184.7	114.9	22.98	198.6	50.7	23.41	153.2	143.5	23.28	169.4	108.6	24.02	182.1	48.0	24.46
	80	186.5	180.9	21.14	201.2	149.4	21.81	212.6	97.8	22.21	174.3	174.3	22.34	188.0	143.9	23.05	198.6	94.3	23.48	159.9	159.9	23.35	172.5	136.1	24.09	182.2	89.1	24.54
	85	193.5	193.5	21.21	204.1	179.9	21.87	212.0	135.3	22.28	180.9	180.9	22.41	190.7	173.4	23.12	198.1	130.4	23.55	165.9	165.9	23.42	175.0	163.9	24.16	181.7	123.2	24.61
	90	199.9	199.9	21.27	206.3	199.8	21.94	210.7	164.8	22.35	186.8	186.8	22.48	192.8	192.6	23.19	196.9	158.8	23.62	171.4	171.4	23.49	176.8	176.8	24.23	180.6	150.1	24.68
8400	75	180.1	161.6	21.23	199.2	122.4	21.90	214.1	54.0	22.31	168.3	155.8	22.43	186.1	118.0	23.13	200.1	52.1	23.56	154.4	147.2	23.43	170.7	111.5	24.17	183.6	49.2	24.62
	80	187.9	185.6	21.29	202.7	153.3	21.96	214.2	100.4	22.37	175.6	175.6	22.49	189.5	147.7	23.20	200.2	96.8	23.64	161.1	161.1	23.50	173.8	139.6	24.25	183.6	91.5	24.70
	85	195.0	195.0	21.36	205.7	184.6	22.03	213.6	138.9	22.44	182.3	182.3	22.56	192.2	177.9	23.27	199.6	133.8	23.71	167.2	167.2	23.57	176.3	168.2	24.32	183.1	126.5	24.77
	90	201.4	201.4	21.42	207.9	205.1	22.10	212.3	169.1	22.51	188.3	188.3	22.63	194.3	194.3	23.34	198.4	163.0	23.78	172.7	172.7	23.65	178.2	178.2	24.39	182.0	154.0	24.84

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-20B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75	231.5	180.6	19.19	255.9	136.8	19.79	275.1	60.4	20.16	223.3	184.1	21.16	246.9	139.4	21.83	265.4	61.5	22.24
	80	241.5	207.4	19.24	260.5	171.3	19.85	275.3	112.2	20.22	233.0	211.4	21.23	251.3	174.6	21.90	265.6	114.3	22.30
	85	250.6	227.3	19.30	264.3	206.3	19.91	274.5	155.2	20.28	241.8	231.7	21.29	255.0	210.2	21.96	264.8	158.1	22.37
	90	258.9	239.4	19.36	267.1	229.2	19.97	272.8	189.0	20.34	249.7	244.0	21.36	257.7	233.6	22.03	263.2	192.6	22.44
7200	75	243.5	193.7	19.35	269.2	146.7	19.96	289.4	64.7	20.33	234.9	197.4	21.33	259.7	149.5	22.00	279.2	66.0	22.41
	80	254.0	222.4	19.41	274.0	183.7	20.02	289.5	120.3	20.39	245.0	226.7	21.39	264.3	187.2	22.07	279.3	122.6	22.48
	85	263.6	243.8	19.47	278.0	221.2	20.08	288.7	166.4	20.46	254.3	248.4	21.46	268.2	225.4	22.14	278.5	169.6	22.55
	90	272.3	256.7	19.53	281.0	245.8	20.14	286.9	202.6	20.52	262.6	261.6	21.52	271.0	250.5	22.20	276.8	206.5	22.61
8000	75	248.7	206.7	19.52	274.9	156.6	20.13	295.6	69.1	20.51	239.9	210.7	21.58	265.2	159.5	22.26	285.2	70.4	22.67
	80	259.4	237.4	19.58	279.9	196.1	20.19	295.7	128.4	20.57	250.3	241.9	21.64	270.0	199.8	22.33	285.3	130.9	22.74
	85	269.2	260.2	19.64	283.9	236.1	20.26	294.9	177.6	20.63	259.7	259.7	21.71	273.9	240.6	22.39	284.5	181.0	22.81
	90	278.1	274.0	19.69	287.0	262.3	20.32	293.1	216.3	20.69	268.3	268.3	21.77	276.8	267.3	22.46	282.7	220.4	22.88
8800	75	254.2	210.0	19.68	281.0	159.0	20.31	302.1	70.2	20.68	245.2	214.0	21.66	271.1	162.0	22.35	291.5	71.5	22.76
	80	265.2	241.1	19.74	286.1	199.1	20.37	302.3	130.4	20.74	255.9	245.7	21.73	276.0	202.9	22.41	291.6	132.9	22.83
	85	275.2	264.3	19.80	290.2	239.8	20.43	301.4	180.4	20.81	265.5	265.5	21.79	280.0	244.4	22.48	290.8	183.8	22.90
	90	284.3	278.3	19.86	293.3	266.4	20.49	299.6	219.7	20.87	274.2	274.2	21.86	283.0	271.5	22.55	289.0	223.8	22.97
9600	75	256.2	215.5	19.85	283.2	163.2	20.48	304.5	72.0	20.86	247.1	219.6	21.83	273.2	166.3	22.52	293.8	73.4	22.93
	80	267.3	247.5	19.91	288.3	204.4	20.54	304.6	133.9	20.92	257.8	247.6	21.89	278.1	208.3	22.58	293.9	136.4	23.00
	85	277.4	271.2	19.97	292.5	246.1	20.60	303.8	185.1	20.98	267.6	267.6	21.96	282.2	250.8	22.65	293.1	188.7	23.07
	90	286.5	285.6	20.03	295.6	273.5	20.66	301.9	225.4	21.04	276.4	276.4	22.02	285.2	278.7	22.72	291.3	229.8	23.14

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75	211.3	175.9	22.76	233.6	133.2	23.48	251.1	58.8	23.92	197.5	169.5	24.09	218.3	128.4	24.85	234.7	56.7	25.31	181.1	160.2	25.20	200.3	121.3	25.99	215.3	53.5	26.48
	80	220.4	202.0	22.83	237.8	166.8	23.55	251.3	109.2	23.99	206.0	194.6	24.16	222.2	160.7	24.92	234.8	105.3	25.38	189.0	184.0	25.27	203.9	151.9	26.07	215.4	99.5	26.56
	85	228.8	221.3	22.90	241.2	200.9	23.62	250.5	151.1	24.06	213.8	213.3	24.23	225.4	193.6	25.00	234.1	145.6	25.46	196.1	196.1	25.35	206.8	183.0	26.15	214.8	137.6	26.63
	90	236.3	233.1	22.97	243.8	223.2	23.70	249.0	184.0	24.13	220.8	220.8	24.30	227.9	215.1	25.07	232.7	177.3	25.54	202.6	202.6	25.43	209.0	203.3	26.23	213.5	167.6	26.71
7200	75	222.2	188.6	22.93	245.7	142.8	23.65	264.1	63.0	24.09	207.7	181.8	24.25	229.6	137.6	25.02	246.9	60.8	25.48	190.5	171.8	25.36	210.6	130.1	26.16	226.4	57.4	26.65
	80	231.9	216.6	23.00	250.1	178.8	23.73	264.3	117.1	24.17	216.7	208.7	24.33	233.7	172.4	25.09	247.0	112.9	25.56	198.8	197.3	25.44	214.4	162.9	26.24	226.6	106.7	26.73
	85	240.6	237.3	23.07	253.7	215.4	23.80	263.5	162.0	24.24	224.9	224.9	24.40	237.1	207.6	25.17	246.3	156.1	25.64	206.3	206.3	25.52	217.5	196.2	26.32	225.9	147.6	26.81
	90	248.5	248.5	23.14	256.4	239.3	23.87	261.9	197.3	24.31	232.2	232.2	24.47	239.7	230.6	25.24	244.8	190.1	25.71	213.0	213.0	25.59	219.8	218.0	26.40	224.5	179.7	26.89
8000	75	227.0	201.3	23.10	251.0	152.4	23.83	269.8	67.3	24.27	212.1	194.0	24.42	234.5	146.9	25.19	252.1	64.8	25.66	194.6	183.4	25.53	215.1	138.9	26.34	231.3	61.3	26.82
	80	236.8	231.2	23.17	255.5	190.9	23.90	269.9	125.0	24.34	221.3	221.3	24.49	238.7	184.0	25.27	252.3	120.5	25.73	203.0	203.0	25.61	219.0	173.9	26.41	231.4	113.9	26.91
	85	245.8	245.8	23.24	259.2	229.9	23.97	269.2	172.9	24.41	229.7	229.7	24.57	242.2	221.6	25.34	251.5	166.7	25.81	210.7	210.7	25.68	222.2	209.4	26.49	230.7	157.5	26.99
	90	253.8	253.8	23.31	261.9	255.4	24.04	267.5	210.6	24.49	237.2	237.2	24.64	244.8	244.8	25.42	250.0	202.9	25.89	217.6	217.6	25.76	224.6	224.6	26.57	229.3	191.8	27.07
8800	75	232.0	204.4	23.26	256.5	154.8	24.00	275.8	68.3	24.44	216.8	197.0	24.59	239.7	149.2	25.36	257.7	65.9	25.83	198.9	186.2	25.70	219.9	141.0	26.51	236.4	62.2	27.00
	80	242.1	234.8	23.33	261.1	193.9	24.07	275.9	127.0	24.52	226.2	226.2	24.66	244.0	186.9	25.44	257.9	122.4	25.91	207.5	207.5	25.77	223.9	176.6	26.59	236.5	115.7	27.08
	85	251.2	251.2	23.40	264.9	233.5	24.14	275.1	175.6	24.59	234.8	234.8	24.73	247.6	225.0	25.51	257.1	169.3	25.99	215.4	215.4	25.85	227.1	212.7	26.67	235.9	160.0	27.16
	90	259.5	259.5	23.47	267.7	259.4	24.21	273.5	213.9	24.66	242.5	242.5	24.81	250.2	250.0	25.59	255.6	206.1	26.06	222.4	222.4	25.93	229.5	229.5	26.75	234.4	194.8	27.24
9600	75	233.8	209.8	23.43	258.5	158.9	24.17	277.9	70.1	24.62	218.5	202.2	24.75	241.6	153.1	25.53	259.7	67.6	26.01	200.5	191.1	25.86	221.6	144.7	26.68	238.3	63.9	27.17
	80	244.0	241.0	23.50	263.2	199.0	24.24	278.1	130.3	24.69	228.0	228.0	24.83	245.9	191.8	25.61	259.9	125.6	26.08	209.1	209.1	25.94	225.6	181.3	26.76	238.4	118.7	27.25
	85	253.2	253.2	23.57	267.0	239.7	24.31	277.3	180.3	24.76	236.6	236.6	24.90	249.5	231.0	25.69	259.1	173.7	26.16	217.0	217.0	26.02	228.9	218.3	26.84	237.7	164.2	27.34
	90	261.5	261.5	23.64	269.8	266.3	24.39	275.6	219.5	24.84	244.4	244.4	24.97	252.2	252.2	25.76	257.6	211.6	26.24	224.2	224.2	26.10	231.3	231.3	26.92	236.3	200.0	27.42

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-25B0CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	285.5	222.8	23.21	315.6	168.7	23.95	339.3	74.5	24.39	275.4	227.0	25.61	304.5	171.9	26.41	327.4	75.9	26.90
	80	297.9	255.8	23.28	321.3	211.3	24.02	339.5	138.4	24.46	287.3	260.7	25.68	310.0	215.3	26.49	327.5	141.0	26.98
	85	309.1	280.4	23.35	326.0	254.4	24.09	338.5	191.4	24.54	298.2	285.7	25.76	314.5	259.3	26.57	326.6	195.0	27.07
	90	319.3	295.2	23.42	329.4	282.7	24.16	336.5	233.0	24.61	308.0	300.9	25.84	317.8	288.1	26.65	324.6	237.5	27.15
9000	75	300.3	238.9	23.41	332.0	180.9	24.15	356.9	79.8	24.60	289.7	243.4	25.81	320.3	184.4	26.62	344.3	81.4	27.11
	80	313.3	274.3	23.48	337.9	226.5	24.22	357.1	148.4	24.67	302.2	279.6	25.88	326.0	230.9	26.70	344.5	151.2	27.20
	85	325.1	300.6	23.55	342.8	272.8	24.30	356.1	205.2	24.75	313.6	306.4	25.96	330.7	278.0	26.78	343.5	209.1	27.28
	90	335.8	316.6	23.62	346.5	303.1	24.37	353.9	249.9	24.82	323.9	322.6	26.04	334.3	308.9	26.86	341.4	254.7	27.36
10000	75	306.7	265.3	23.61	339.1	200.9	24.36	364.6	88.7	24.81	295.9	270.4	26.11	327.1	204.8	26.93	351.7	90.4	27.43
	80	320.0	304.7	23.69	345.2	251.6	24.43	364.7	164.8	24.89	308.7	308.7	26.18	333.0	256.4	27.01	351.8	167.9	27.51
	85	332.1	332.1	23.76	350.2	303.0	24.51	363.7	227.9	24.96	320.4	320.4	26.26	337.8	308.8	27.09	350.9	232.3	27.59
	90	343.0	343.0	23.83	353.9	336.7	24.58	361.5	277.5	25.04	330.9	330.9	26.34	341.4	341.4	27.17	348.7	282.8	27.68
11000	75	313.5	259.0	23.82	346.6	196.1	24.57	372.6	86.6	25.02	302.5	263.9	26.21	334.4	199.9	27.03	359.5	88.2	27.54
	80	327.1	297.4	23.89	352.8	245.6	24.64	372.8	160.8	25.10	315.6	303.1	26.29	340.4	250.3	27.12	359.7	163.9	27.62
	85	339.4	325.9	23.96	357.9	295.8	24.71	371.8	222.5	25.17	327.5	327.5	26.37	345.3	301.4	27.20	358.7	226.7	27.70
	90	350.6	343.2	24.03	361.8	328.6	24.79	369.5	270.9	25.25	338.2	338.2	26.44	349.0	334.9	27.28	356.5	276.1	27.78
12000	75	316.0	265.8	24.02	349.3	201.3	24.77	375.5	88.8	25.23	304.8	270.9	26.41	337.0	205.1	27.24	362.3	90.5	27.75
	80	329.6	305.2	24.09	355.6	252.1	24.85	375.7	165.1	25.31	318.0	305.4	26.49	343.0	256.9	27.32	362.5	168.2	27.83
	85	342.1	334.5	24.16	360.7	303.6	24.92	374.7	228.3	25.39	330.0	330.0	26.57	348.0	309.4	27.41	361.4	232.7	27.91
	90	353.3	352.3	24.23	364.6	337.3	25.00	372.4	278.0	25.46	340.8	340.8	26.65	351.7	343.7	27.49	359.2	283.4	28.00

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	260.6	216.9	27.54	288.1	164.3	28.41	309.7	72.5	28.94	243.5	209.0	29.14	269.2	158.3	30.06	289.5	69.9	30.62	223.4	197.6	30.49	247.0	149.6	31.45	265.5	66.0	32.03
	80	271.9	249.1	27.63	293.3	205.7	28.50	309.9	134.7	29.03	254.1	240.1	29.23	274.1	198.2	30.15	289.6	129.8	30.71	233.1	226.9	30.58	251.4	187.4	31.54	265.7	122.7	32.13
	85	282.1	273.0	27.71	297.5	247.7	28.58	309.0	186.3	29.11	263.7	263.1	29.32	278.0	238.8	30.24	288.8	179.6	30.80	241.9	241.9	30.67	255.1	225.7	31.64	264.9	169.7	32.22
	90	291.4	287.5	27.79	300.7	275.2	28.67	307.1	226.9	29.20	272.3	272.3	29.41	281.0	265.3	30.33	287.0	218.7	30.90	249.8	249.8	30.76	257.8	250.7	31.73	263.3	206.7	32.32
9000	75	274.1	232.6	27.74	303.0	176.1	28.62	325.8	77.7	29.15	256.1	224.2	29.34	283.2	169.8	30.27	304.5	74.9	30.83	235.0	211.9	30.69	259.8	160.4	31.66	279.3	70.8	32.24
	80	286.0	267.1	27.83	308.5	220.6	28.70	325.9	144.5	29.24	267.2	257.4	29.43	288.3	212.6	30.36	304.6	139.2	30.92	245.1	243.3	30.78	264.4	200.9	31.75	279.4	131.6	32.34
	85	296.8	292.7	27.91	312.9	265.6	28.79	325.0	199.8	29.32	277.3	277.3	29.52	292.4	256.0	30.45	303.7	192.6	31.02	254.4	254.4	30.87	268.3	242.0	31.85	278.6	182.0	32.44
	90	306.5	306.5	27.99	316.3	295.1	28.88	323.0	243.3	29.41	286.4	286.4	29.61	295.6	284.4	30.54	301.9	234.5	31.11	262.7	262.7	30.96	271.1	268.8	31.94	276.9	221.6	32.53
10000	75	280.0	258.3	27.94	309.5	195.6	28.83	332.7	86.3	29.36	261.6	249.0	29.54	289.2	188.5	30.48	311.0	83.2	31.04	240.0	235.3	30.89	265.3	178.2	31.86	285.3	78.7	32.45
	80	292.1	292.1	28.03	315.1	245.0	28.91	332.9	160.4	29.45	273.0	273.0	29.63	294.4	236.1	30.57	311.1	154.6	31.13	250.4	250.4	30.98	270.1	223.2	31.96	285.4	146.2	32.55
	85	303.1	303.1	28.11	319.6	295.0	29.00	332.0	221.9	29.54	283.3	283.3	29.72	298.7	284.3	30.66	310.2	213.9	31.23	259.8	259.8	31.07	274.0	268.8	32.05	284.6	202.1	32.65
	90	313.0	313.0	28.20	323.0	323.0	29.09	329.9	270.2	29.63	292.6	292.6	29.81	301.9	301.9	30.75	308.3	260.4	31.32	268.4	268.4	31.17	276.9	276.9	32.15	282.9	246.2	32.75
11000	75	286.2	252.1	28.14	316.4	190.9	29.03	340.1	84.3	29.57	267.4	243.0	29.74	295.7	184.0	30.68	317.9	81.2	31.25	245.3	229.7	31.09	271.2	173.9	32.07	291.6	76.8	32.66
	80	298.6	289.5	28.23	322.1	239.1	29.12	340.3	156.6	29.66	279.0	279.0	29.83	301.0	230.5	30.78	318.0	150.9	31.35	256.0	256.0	31.18	276.1	217.8	32.17	291.7	142.7	32.76
	85	309.8	309.8	28.31	326.7	288.0	29.21	339.3	216.6	29.75	289.6	289.6	29.92	305.3	277.5	30.87	317.1	208.8	31.44	265.6	265.6	31.28	280.1	262.3	32.26	290.9	197.3	32.86
	90	320.0	320.0	28.40	330.2	319.9	29.29	337.3	263.8	29.84	299.1	299.1	30.01	308.6	308.4	30.96	315.2	254.2	31.53	274.3	274.3	31.37	283.1	283.1	32.36	289.1	240.3	32.96
12000	75	288.4	258.8	28.35	318.8	196.0	29.24	342.8	86.5	29.78	269.5	249.4	29.95	298.0	188.9	30.89	320.3	83.4	31.46	247.2	235.7	31.29	273.3	178.5	32.28	293.9	78.8	32.88
	80	300.9	297.2	28.43	324.6	245.4	29.33	342.9	160.7	29.87	281.2	281.2	30.04	303.3	236.5	30.98	320.5	154.9	31.56	257.9	257.9	31.38	278.3	223.6	32.37	294.0	146.4	32.97
	85	312.2	312.2	28.52	329.3	295.6	29.42	342.0	222.3	29.96	291.8	291.8	30.13	307.7	284.9	31.08	319.6	214.3	31.65	267.7	267.7	31.48	282.3	269.2	32.47	293.2	202.5	33.07
	90	322.5	322.5	28.60	332.8	328.4	29.50	339.9	270.7	30.05	301.4	301.4	30.22	311.0	311.0	31.17	317.6	260.9	31.75	276.5	276.5	31.57	285.3	285.3	32.57	291.4	246.6	33.17

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-2590CH (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	272.4	212.5	21.92	301.1	161.0	22.62	323.7	71.0	23.04	258.9	213.4	24.18	286.2	161.6	24.95	307.7	71.3	25.41
	80	284.2	244.1	21.99	306.5	201.6	22.68	323.9	132.0	23.10	270.1	245.1	24.26	291.4	202.4	25.02	307.8	132.5	25.49
	85	294.9	267.5	22.06	311.0	242.7	22.75	323.0	182.6	23.17	280.3	268.6	24.33	295.6	243.7	25.10	307.0	183.3	25.56
	90	304.6	281.7	22.12	314.3	269.7	22.82	321.0	222.3	23.24	289.5	282.8	24.40	298.7	270.8	25.17	305.1	223.2	25.64
9000	75	286.5	227.9	22.11	316.7	172.6	22.81	340.5	76.2	23.23	272.3	228.8	24.37	301.0	173.3	25.14	323.6	76.5	25.61
	80	298.9	261.7	22.18	322.4	216.1	22.88	340.7	141.6	23.30	284.1	262.8	24.45	306.4	217.0	25.22	323.8	142.1	25.69
	85	310.2	286.8	22.25	327.1	260.3	22.95	339.7	195.8	23.37	294.8	288.0	24.52	310.9	261.3	25.29	322.9	196.6	25.76
	90	320.3	302.0	22.31	330.6	289.2	23.02	337.6	238.4	23.44	304.5	303.3	24.59	314.2	290.4	25.37	320.9	239.4	25.84
10000	75	292.6	253.1	22.30	323.5	191.7	23.01	347.8	84.6	23.43	278.1	254.1	24.66	307.5	192.5	25.43	330.6	84.9	25.91
	80	305.3	290.7	22.37	329.3	240.0	23.08	348.0	157.2	23.50	290.2	290.2	24.73	313.0	241.0	25.51	330.7	157.8	25.98
	85	316.8	316.8	22.44	334.1	289.1	23.14	347.0	217.4	23.57	301.1	301.1	24.80	317.5	290.3	25.59	329.8	218.3	26.06
	90	327.2	327.2	22.50	337.7	321.2	23.21	344.9	264.8	23.64	311.0	311.0	24.88	320.9	320.9	25.66	327.8	265.9	26.14
11000	75	299.1	247.1	22.49	330.7	187.1	23.20	355.5	82.6	23.63	284.3	248.1	24.75	314.3	187.9	25.53	337.9	82.9	26.01
	80	312.1	283.7	22.56	336.6	234.3	23.27	355.7	153.5	23.70	296.6	284.9	24.83	320.0	235.2	25.61	338.1	154.1	26.09
	85	323.8	310.9	22.63	341.5	282.2	23.34	354.7	212.2	23.77	307.8	307.8	24.90	324.6	283.3	25.69	337.1	213.1	26.16
	90	334.5	327.4	22.70	345.2	313.5	23.41	352.5	258.5	23.85	317.9	317.9	24.98	328.1	314.8	25.76	335.1	259.5	26.24
12000	75	301.4	253.6	22.68	333.3	192.0	23.40	358.3	84.8	23.83	286.5	254.6	24.94	316.8	192.8	25.73	340.5	85.1	26.21
	80	314.5	291.2	22.75	339.3	240.5	23.47	358.5	157.5	23.90	298.9	287.1	25.02	322.4	241.4	25.81	340.7	158.1	26.28
	85	326.4	319.1	22.82	344.2	289.6	23.54	357.4	217.8	23.98	310.2	310.2	25.09	327.1	290.8	25.88	339.7	218.7	26.36
	90	337.1	336.1	22.89	347.8	321.8	23.61	355.3	265.3	24.05	320.4	320.4	25.17	330.6	323.1	25.96	337.7	266.3	26.44

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	243.7	202.9	26.01	269.4	153.6	26.83	289.7	67.8	27.33	226.6	194.5	27.52	250.5	147.3	28.39	269.4	65.0	28.92	199.5	176.4	28.79	220.5	133.6	29.70	237.1	59.0	30.25
	80	254.3	233.0	26.09	274.3	192.4	26.91	289.8	126.0	27.41	236.4	223.4	27.61	255.0	184.5	28.48	269.5	120.8	29.01	208.1	202.6	28.88	224.5	167.3	29.79	237.2	109.6	30.34
	85	263.9	255.3	26.17	278.3	231.7	26.99	289.0	174.3	27.50	245.4	244.8	27.69	258.7	222.2	28.56	268.7	167.1	29.09	216.0	216.0	28.97	227.8	201.5	29.88	236.6	151.6	30.43
	90	272.5	268.9	26.25	281.2	257.4	27.08	287.2	212.2	27.58	253.4	253.4	27.77	261.5	246.8	28.65	267.1	203.5	29.18	223.1	223.1	29.05	230.2	223.9	29.97	235.1	184.6	30.53
9000	75	256.3	217.5	26.20	283.4	164.7	27.03	304.7	72.7	27.53	238.4	208.6	27.71	263.5	158.0	28.59	283.3	69.7	29.12	209.8	189.2	28.98	232.0	143.3	29.90	249.4	63.2	30.45
	80	267.4	249.8	26.28	288.5	206.3	27.11	304.8	135.1	27.61	248.7	239.5	27.80	268.2	197.8	28.67	283.4	129.6	29.21	218.9	217.3	29.07	236.1	179.4	29.99	249.5	117.5	30.54
	85	277.5	273.8	26.36	292.7	248.4	27.19	304.0	186.9	27.70	258.1	258.1	27.88	272.1	238.2	28.76	282.6	179.2	29.29	227.2	227.2	29.16	239.5	216.1	30.08	248.8	162.5	30.64
	90	286.6	286.6	26.44	295.8	276.0	27.27	302.1	227.6	27.78	266.5	266.5	27.96	275.0	264.7	28.85	280.9	218.2	29.38	234.6	234.6	29.24	242.1	240.1	30.17	247.3	197.9	30.73
10000	75	261.8	241.6	26.39	289.5	183.0	27.22	311.2	80.8	27.73	243.5	231.7	27.90	269.2	175.4	28.78	289.4	77.4	29.32	214.3	210.1	29.17	236.9	159.1	30.09	254.7	70.2	30.65
	80	273.2	273.2	26.47	294.7	229.1	27.31	311.3	150.1	27.81	254.0	254.0	27.99	274.0	219.7	28.87	289.5	143.9	29.41	223.6	223.6	29.26	241.2	199.3	30.18	254.8	130.5	30.74
	85	283.5	283.5	26.55	298.9	275.9	27.39	310.5	207.5	27.90	263.6	263.6	28.07	278.0	264.6	28.96	288.7	199.0	29.49	232.0	232.0	29.35	244.7	240.0	30.27	254.1	180.5	30.84
	90	292.8	292.8	26.63	302.1	302.1	27.47	308.6	252.7	27.98	272.2	272.2	28.15	280.9	280.9	29.04	286.9	242.4	29.58	239.6	239.6	29.44	247.3	247.3	30.36	252.6	219.8	30.93
11000	75	267.6	235.8	26.58	295.9	178.6	27.42	318.1	78.8	27.93	248.9	226.1	28.09	275.1	171.2	28.98	295.8	75.6	29.52	219.1	205.1	29.36	242.2	155.3	30.29	260.4	68.6	30.85
	80	279.2	270.8	26.66	301.2	223.6	27.50	318.3	146.5	28.01	259.6	259.6	28.18	280.1	214.4	29.07	295.9	140.4	29.61	228.5	228.5	29.45	246.5	194.5	30.38	260.5	127.4	30.94
	85	289.8	289.8	26.74	305.6	269.3	27.59	317.4	202.6	28.10	269.4	269.4	28.26	284.1	258.3	29.15	295.1	194.3	29.69	237.2	237.2	29.54	250.1	234.2	30.47	259.8	176.2	31.04
	90	299.3	299.3	26.82	308.8	299.2	27.67	315.4	246.7	28.18	278.3	278.3	28.35	287.2	286.9	29.24	293.3	236.6	29.78	245.0	245.0	29.63	252.8	252.8	30.56	258.2	214.5	31.13
12000	75	269.7	242.0	26.77	298.2	183.3	27.62	320.6	80.9	28.13	250.8	232.1	28.28	277.3	175.8	29.17	298.1	77.6	29.72	220.8	210.5	29.55	244.1	159.4	30.48	262.4	70.4	31.05
	80	281.4	277.9	26.85	303.6	229.5	27.70	320.7	150.3	28.21	261.7	261.7	28.37	282.3	220.1	29.26	298.2	144.2	29.81	230.3	230.3	29.64	248.5	199.6	30.58	262.5	130.7	31.14
	85	292.0	292.0	26.93	307.9	276.4	27.78	319.8	207.9	28.30	271.5	271.5	28.45	286.3	265.1	29.35	297.4	199.4	29.89	239.0	239.0	29.73	252.1	240.4	30.67	261.8	180.8	31.24
	90	301.6	301.6	27.01	311.2	307.1	27.86	317.9	253.2	28.38	280.4	280.4	28.54	289.4	289.4	29.44	295.6	242.8	29.98	246.9	246.9	29.82	254.8	254.8	30.76	260.2	220.2	31.33

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Evaporator Fan Performance LK-06B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.25		1.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,000	637	0.23	661	0.32	685	0.40	709	0.48	734	0.56	758	0.64	782	0.72	806	0.80	831	0.89	855	0.97	915	1.17	961	1.37
2,250	666	0.38	690	0.46	714	0.54	738	0.62	763	0.71	787	0.79	811	0.87	835	0.95	859	1.03	884	1.11	944	1.32	990	1.52
2,500	698	0.55	722	0.63	746	0.71	771	0.80	795	0.88	819	0.96	843	1.04	867	1.12	892	1.20	916	1.28	976	1.49	1022	1.69
2,750	734	0.75	758	0.83	782	0.91	806	1.00	831	1.08	855	1.16	879	1.24	903	1.32	927	1.40	952	1.48	1012	1.69	1058	1.89
3,000	773	0.98	797	1.06	821	1.14	845	1.22	870	1.31	894	1.39	918	1.47	942	1.55	966	1.63	991	1.71	1051	1.92	1097	2.12

1.5Hp STANDARD MOTOR & DRIVE
1.5Hp STANDARD MOTOR & HIGH STATIC DRIVE
3Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (MBH) = 3.26 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-06B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.5		5.1		7.6		10.2		12.7		15.2		17.8		20.3		22.9		25.4		27.9		30.5	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
944	637	0.17	661	0.24	685	0.30	709	0.36	734	0.42	758	0.48	782	0.54	806	0.60	831	0.66	855	0.72	915	0.87	961	1.02
1062	666	0.28	690	0.34	714	0.40	738	0.46	763	0.53	787	0.59	811	0.65	835	0.71	859	0.77	884	0.83	944	0.98	990	1.13
1180	698	0.41	722	0.47	746	0.53	771	0.60	795	0.66	819	0.72	843	0.78	867	0.84	892	0.89	916	0.95	976	1.11	1022	1.26
1298	734	0.56	758	0.62	782	0.68	806	0.75	831	0.81	855	0.87	879	0.92	903	0.98	927	1.04	952	1.10	1012	1.26	1058	1.41
1416	773	0.73	797	0.79	821	0.85	845	0.91	870	0.98	894	1.04	918	1.10	942	1.16	966	1.22	991	1.28	1051	1.43	1097	1.58

1.5Hp STANDARD MOTOR & DRIVE
1.5Hp STANDARD MOTOR & HIGH STATIC DRIVE
3Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (kW)= 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-06B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	633	683	732	782	832	881	931
Standard Motor & High Static Drive Accessory Fan Speed	722	779	835	892	948	1005	1062
Oversized Motor & Drive Fan Speed	805	855	904	954	1004	1053	1103

Evaporator Fan Performance LK-0890CH/LK-08B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.25		1.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,400	-	-	-	-	730	0.58	753	0.64	777	0.71	800	0.77	823	0.83	846	0.88	869	0.95	893	1.01	951	1.16	1009	1.32
2,700	725	0.69	748	0.75	772	0.81	795	0.87	818	0.93	841	1.00	865	1.06	888	1.11	911	1.18	934	1.24	992	1.39	1050	1.55
3,000	772	0.96	795	1.02	818	1.08	841	1.14	865	1.21	888	1.27	911	1.33	934	1.39	957	1.45	981	1.51	1039	1.67	1097	1.82
3,300	823	1.28	846	1.34	870	1.40	893	1.46	916	1.52	939	1.58	962	1.64	986	1.70	1009	1.77	1032	1.83	1090	1.98	1148	2.13
3,600	879	1.64	903	1.70	926	1.76	949	1.82	972	1.88	995	1.94	1019	2.01	1042	2.06	1065	2.13	1088	2.19	1146	2.34	1204	2.50

1.5Hp STANDARD MOTOR & DRIVE
3Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (MBH) = 3.26 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-0890CH/LK-08B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.5		5.1		7.6		10.2		12.7		15.2		17.8		20.3		22.9		25.4		27.9		30.5	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1133					730	0.43	753	0.48	777	0.53	800	0.57	823	0.62	846	0.66	869	0.71	893	0.75	951	0.87	1009	0.98
1274	725	0.51	748	0.56	772	0.61	795	0.65	818	0.70	841	0.74	865	0.79	888	0.83	911	0.88	934	0.93	992	1.04	1050	1.15
1416	772	0.72	795	0.76	818	0.81	841	0.85	865	0.90	888	0.95	911	0.99	934	1.04	957	1.08	981	1.13	1039	1.24	1097	1.36
1557	823	0.95	846	1.00	870	1.04	893	1.09	916	1.13	939	1.18	962	1.23	986	1.27	1009	1.32	1032	1.36	1090	1.48	1148	1.59
1699	879	1.22	903	1.27	926	1.31	949	1.36	972	1.40	995	1.45	1019	1.50	1042	1.54	1065	1.59	1088	1.63	1146	1.75	1204	1.86

1.5Hp STANDARD MOTOR & DRIVE
3Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-0890CH/LK-08B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	709	765	821	876	932	987	1043
Oversized Motor & Drive Fan Speed	918	975	1031	1088	1144	1201	1257

Evaporator Fan Performance LK-09B0CH (English)

CFM	External Static Pressure(in.Aq.) 0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,720	609	0.53	615	0.58	623	0.62	632	0.67	642	0.72	653	0.76	665	0.81	678	0.85	693	0.90	707	0.94	722.9	0.99	739	1.03
3,060	640	0.75	645	0.80	653	0.84	662	0.89	672	0.93	684	0.98	696	1.02	709	1.07	723	1.11	738	1.15	753.4	1.21	770	1.25
3,400	676	1.01	682	1.06	689	1.10	698	1.15	708	1.19	720	1.24	732	1.28	745	1.33	759	1.37	774	1.42	789.4	1.46	806	1.51
3,740	718	1.31	723	1.35	731	1.40	740	1.44	750	1.49	761	1.54	774	1.58	787	1.63	801	1.67	816	1.72	831.3	1.76	848	1.81
4,080	765	1.65	771	1.70	779	1.74	788	1.79	798	1.83	809	1.88	822	1.92	835	1.97	849	2.01	864	2.06	879.3	2.10	896	2.15

CFM	External Static Pressure(in.Aq.) 1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,720	756	1.08	774	1.12	792	1.17	811	1.21	831	1.26	851	1.30	872	1.35	893	1.39
3,060	787	1.30	804	1.34	823	1.39	842	1.43	861	1.48	881	1.52	902	1.57	923	1.61
3,400	823	1.55	840	1.60	859	1.64	878	1.69	897	1.73	917	1.78	938	1.82	959	1.87
3,740	865	1.85	882	1.90	901	1.94	920	1.99	939	2.03	959	2.08	980	2.12	1001	2.17
4,080	913	2.20	930	2.24	949	2.29	968	2.33	987	2.38	1007	2.42	1028	2.47		

3Hp STANDARD MOTOR & DRIVE
3Hp STANDARD MOTOR & HIGH STATIC DRIVE

- Fan motor heat (MBH) = 3.10 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-09B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1284	609	0.40	615	0.43	623	0.47	632	0.50	642	0.53	653	0.57	665	0.60	678	0.63	693	0.67	707	0.70	723	0.74	739	0.77
1444	640	0.56	645	0.59	653	0.63	662	0.66	672	0.70	684	0.73	696	0.76	709	0.80	723	0.83	738	0.86	753	0.90	770	0.93
1605	676	0.75	682	0.79	689	0.82	698	0.85	708	0.89	720	0.92	732	0.96	745	0.99	759	1.02	774	1.06	789	1.09	806	1.12
1765	718	0.98	723	1.01	731	1.04	740	1.08	750	1.11	761	1.15	774	1.18	787	1.21	801	1.25	816	1.28	831	1.31	848	1.35
1926	765	1.23	771	1.27	779	1.30	788	1.33	798	1.37	809	1.40	822	1.43	835	1.47	849	1.50	864	1.54	879	1.57	896	1.60

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.72		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1284	756	0.80	774	0.84	792	0.87	811	0.90	831	0.94	851	0.97	872	1.01	893	1.04
1444	787	0.97	804	1.00	823	1.03	842	1.07	861	1.10	881	1.13	902	1.17	923	1.20
1605	823	1.16	840	1.19	859	1.23	878	1.26	897	1.29	917	1.33	938	1.36	959	1.39
1765	865	1.38	882	1.42	901	1.45	920	1.48	939	1.52	959	1.55	980	1.58	1,001	1.62
1926	913	1.64	930	1.67	949	1.70	968	1.74	987	1.77	1,007	1.81	1,028	1.84		

3Hp STANDARD MOTOR & DRIVE

3Hp STANDARD MOTOR & HIGH STATIC DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)

  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-09B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	566	604	643	682	720	759	798
Standard Motor & High Static Drive Accessory Fan Speed	733	783	833	883	934	984	1034

- Factory set at 3 turns open.

Evaporator Fan Performance LK-1090CH/LK-10B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3,200	654	0.85	660	0.90	667	0.94	676	0.99	686	1.03	698	1.08	710	1.13	723	1.17	737	1.22	752	1.26	768	1.31	784	1.35
3,600	700	1.18	705	1.23	713	1.27	722	1.32	732	1.36	743	1.41	756	1.45	769	1.50	783	1.54	798	1.59	813	1.63	830	1.68
4,000	754	1.57	759	1.61	767	1.66	776	1.70	786	1.75	798	1.79	810	1.84	823	1.88	837	1.93	852	1.97	867	2.02	884	2.07
4,400	816	2.02	822	2.06	830	2.11	839	2.15	849	2.20	860	2.24	873	2.29	886	2.33	900	2.38	915	2.42	930	2.47	947	2.51
4,800	889	2.53	894	2.58	902	2.62	911	2.67	921	2.71	932	2.76	945	2.80	958	2.85	972	2.89	987	2.94	1002	2.98	1019	3.03

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3,200	801	1.40	819	1.44	837	1.49	856	1.53	875	1.58	895	1.62	916	1.67	937	1.71
3,600	847	1.72	864	1.77	883	1.81	902	1.86	921	1.91	941	1.95	962	2.00	983	2.04
4,000	901	2.11	918	2.16	937	2.20	956	2.25	975	2.29	995	2.34	1016	2.38	1037	2.43
4,400	964	2.56	981	2.61	1000	2.65	1019	2.70	1038	2.74	1058	2.79	1079	2.83	1100	2.88
4,800	1036	3.08	1053	3.12	1072	3.17	1091	3.21	1110	3.26	1130	3.30	1151	3.35	1172	3.39

3Hp STANDARD MOTOR & DRIVE
3Hp STANDARD MOTOR & HIGH STATIC DRIVE
5Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (MBH) = 3.10 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-1090CH/LK-10B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1510	654	0.64	660	0.67	667	0.70	676	0.74	686	0.77	698	0.81	710	0.84	723	0.87	737	0.91	752	0.94	768	0.97	784	1.01
1699	700	0.88	705	0.91	713	0.95	722	0.98	732	1.02	743	1.05	756	1.08	769	1.12	783	1.15	798	1.18	813	1.22	830	1.25
1888	754	1.17	759	1.20	767	1.24	776	1.27	786	1.30	798	1.34	810	1.37	823	1.41	837	1.44	852	1.47	867	1.51	884	1.54
2077	816	1.50	822	1.54	830	1.57	839	1.61	849	1.64	860	1.67	873	1.71	886	1.74	900	1.77	915	1.81	930	1.84	947	1.88
2265	889	1.89	894	1.92	902	1.96	911	1.99	921	2.02	932	2.06	945	2.09	958	2.12	972	2.16	987	2.19	1,002	2.23	1,019	2.26

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.73		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1510	801	1.04	819	1.08	837	1.11	856	1.14	875	1.18	895	1.21	916	1.24	937	1.28
1699	847	1.29	864	1.32	883	1.35	902	1.39	921	1.42	941	1.45	962	1.49	983	1.52
1888	901	1.57	918	1.61	937	1.64	956	1.68	975	1.71	995	1.74	1,016	1.78	1,037	1.81
2077	964	1.91	981	1.94	1,000	1.98	1,019	2.01	1,038	2.04	1,058	2.08	1,079	2.11	1,100	2.15
2265	1036	2.29	1,053	2.33	1,072	2.36	1,091	2.39	1,110	2.43	1,130	2.46	1,151	2.50	1,172	2.53

3Hp STANDARD MOTOR & DRIVE
3Hp STANDARD MOTOR & HIGH STATIC DRIVE
5Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-1090CH/LK-10B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	655	700	745	790	835	880	924
Standard Motor & High Static Drive Accessory Fan Speed	779	832	886	939	992	1046	N·A
Oversized Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	N·A

- Factory set at 3 turns open.

Evaporator Fan Performance LK-13B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,000	-	-	-	-	669	1.30	685	1.36	701	1.43	717	1.49	733	1.56	749	1.62	765	1.69	781	1.75	797	1.82	813	1.88
4,500	692	1.65	708	1.72	724	1.78	740	1.85	756	1.91	772	1.98	788	2.04	804	2.11	820	2.17	836	2.24	852	2.30	868	2.37
5,000	756	2.23	772	2.29	788	2.36	804	2.42	820	2.49	836	2.55	852	2.62	868	2.69	884	2.75	900	2.82	916	2.88	932	2.95
5,500	831	2.90	847	2.96	863	3.03	879	3.09	895	3.16	911	3.22	927	3.29	943	3.35	959	3.42	975	3.49	991	3.55	1007	3.62
6,000	917	3.67	933	3.73	949	3.80	965	3.86	981	3.93	997	3.99	1013	4.06	1029	4.12	1045	4.19	1061	4.25	1077	4.32	1093	4.38

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,000	829	1.95	845	2.01	861	2.08	877	2.14	893	2.21	909	2.27	925	2.34	941	2.40
4,500	884	2.43	900	2.50	916	2.56	932	2.63	948	2.69	964	2.76	980	2.83	996	2.89
5,000	948	3.01	964	3.08	980	3.14	996	3.21	1012	3.27	1028	3.34	1044	3.40	1060	3.47
5,500	1023	3.68	1039	3.75	1055	3.81	1071	3.88	1087	3.94	1103	4.01	1119	4.07	1135	4.14
6,000	1109	4.45	1125	4.51	1141	4.58	1157	4.64	1173	4.71	-	-	-	-	-	-

- 3Hp STANDARD MOTOR & DRIVE
- 3Hp STANDARD MOTOR & HIGH STATIC DRIVE
- 5Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (MBH) = 3.10 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-13B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1888					669	0.97	685	1.01	701	1.06	717	1.11	733	1.16	749	1.21	765	1.26	781	1.31	797	1.35	813	1.40
2124	692	1.23	708	1.28	724	1.33	740	1.38	756	1.43	772	1.48	788	1.52	804	1.57	820	1.62	836	1.67	852	1.72	868	1.77
2360	756	1.66	772	1.71	788	1.76	804	1.81	820	1.86	836	1.91	852	1.95	868	2.00	884	2.05	900	2.10	916	2.15	932	2.20
2596	831	2.16	847	2.21	863	2.26	879	2.31	895	2.36	911	2.40	927	2.45	943	2.50	959	2.55	975	2.60	991	2.65	1007	2.70
2832	971	2.73	933	2.78	949	2.83	965	2.88	981	2.93	997	2.98	1013	3.03	1029	3.07	1045	3.12	1061	3.17	1077	3.22	1093	3.27

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1888	829	1.45	845	1.50	861	1.55	877	1.60	893	1.65	909	1.69	925	1.74	941	1.79
2124	884	1.82	900	1.86	916	1.91	932	1.96	948	2.01	964	2.06	980	2.11	996	2.16
2360	948	2.25	964	2.29	980	2.34	996	2.39	1012	2.44	1028	2.49	1044	2.54	1060	2.59
2596	1023	2.74	1039	2.79	1055	2.84	1071	2.89	1087	2.94	1103	2.99	1119	3.04	1135	3.08
2832	1109	3.32	1125	3.37	1141	3.41	1157	3.46	1173	3.51	-	-	-	-	-	-

3Hp STANDARD MOTOR & DRIVE
3Hp STANDARD MOTOR & HIGH STATIC DRIVE
5Hp OVERSIZED MOTOR & DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-13B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	655	700	745	790	835	880	924
Standard Motor & High Static Drive Accessory Fan Speed	779	832	886	939	992	1046	N·A
Oversized Motor & Drive Fan Speed	831	888	945	1002	1059	1116	1173

Evaporator Fan Performance LK-1590CH/LK-15B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	646	1.58	663	1.66	679	1.73	696	1.81	713	1.88	730	1.96	747	2.03	764	2.11	780	2.18	797	2.26	814	2.33	831	2.41
5,400	695	2.16	712	2.24	729	2.31	746	2.39	763	2.46	780	2.54	796	2.61	813	2.69	830	2.76	847	2.84	864	2.91	881	2.99
6,000	754	2.85	771	2.92	788	3	805	3.07	821	3.15	838	3.22	855	3.3	872	3.37	889	3.45	906	3.52	923	3.6	939	3.67
6,600	822	3.65	839	3.72	856	3.8	873	3.87	890	3.95	906	4.02	923	4.1	940	4.17	957	4.25	974	4.32	991	4.39	1008	4.47
7,200	900	4.56	917	4.63	934	4.71	951	4.78	968	4.86	985	4.93	-	-	-	-	-	-	-	-	-	-	-	-

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	848	2.48	865	2.56	882	2.63	898	2.71	915	2.78	932	2.86	949	2.93	966	3.01
5,400	898	3.06	914	3.14	931	3.21	948	3.29	965	3.36	982	3.44	999	3.51	1015	3.59
6,000	956	3.75	973	3.82	990	3.9	1007	3.97	1024	4.05	1040	4.12	1057	4.2	1074	4.27
6,600	1024	4.54	1041	4.62	1058	4.69	1075	4.77	1092	4.84	1109	4.92	1125	4.99	-	-
7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- 4Hp STANDARD MOTOR & LOW STATIC DRIVE KIT
- 4Hp STANDARD MOTOR & DRIVE
- 5Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (MBH) = 3.10 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-1590CH/LK-15B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2265	646	1.18	663	1.24	679	1.29	696	1.35	713	1.40	730	1.46	747	1.52	764	1.57	780	1.63	797	1.68	814	1.74	831	1.79
2548	695	1.61	712	1.67	729	1.73	746	1.78	763	1.84	780	1.89	796	1.95	813	2.00	830	2.06	847	2.12	864	2.17	881	2.23
2832	754	2.12	771	2.18	788	2.24	805	2.29	821	2.35	838	2.40	855	2.46	872	2.52	889	2.57	906	2.63	923	2.68	939	2.74
3115	822	2.72	839	2.77	856	2.83	873	2.89	890	2.94	906	3.00	923	3.05	940	3.11	957	3.17	974	3.22	991	3.28	1008	3.33
3398	900	3.40	917	3.46	934	3.51	951	3.57	968	3.62	985	3.68	1001	3.73	1018	3.79	1035	3.85	1052	3.90	1069	3.96	1086	4.01

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2265	848	1.85	865	1.91	882	1.96	898	2.02	915	2.07	932	2.13	949	2.19	966	2.24
2548	898	2.28	914	2.34	931	2.40	948	2.45	965	2.51	982	2.56	999	2.62	1015	2.67
2832	956	2.79	973	2.85	990	2.91	1007	2.96	1024	3.02	1040	3.07	1057	3.13	1074	3.19
3115	1024	3.39	1041	3.44	1058	3.50	1075	3.56	1092	3.61	1109	3.67	1125	3.72	1142	3.78
3398	1103	4.07	1119	4.13	1136	4.18	1153	4.24	1170	4.29	1187	4.35	1204	4.40	1220	4.46

- 4Hp STANDARD MOTOR & LOW STATIC DRIVE KIT
- 4Hp STANDARD MOTOR & DRIVE
- 5Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (kW)= 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-1590CH/LK-15B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Low Static Drive Accessory Fan Speed	576	616	655	694	734	773	813
Standard Motor & Drive Fan Speed	692	742	792	842	893	943	993
Oversized Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	N·A

• Factory set at 3 turns open.

Evaporator Fan Performance LK-18B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5,600	692	2.58	713	2.70	733	2.81	753	2.93	774	3.05	794	3.17	814	3.28	835	3.40	855	3.52	876	3.63	896	3.75	916	3.87
6,300	769	3.47	790	3.59	810	3.71	831	3.82	851	3.94	871	4.06	892	4.17	912	4.29	933	4.41	953	4.52	973	4.64	994	4.76
7,000	861	4.52	881	4.64	902	4.76	922	4.87	942	4.99	963	5.11	983	5.22	1003	5.34	1024	5.46	1044	5.57	1065	5.69	1085	5.81
7,700	967	5.75	987	5.86	1008	5.98	1028	6.10	1048	6.21	1069	6.33	1089	6.45	1109	6.56	1130	6.68	1150	6.80	1171	6.91	1191	7.03
8,400	1088	7.15	1109	7.26	1129	7.38	1150	7.50	1170	7.61	1190	7.73	1211	7.85	1231	7.96	1251	8.08	1272	8.20	1292	8.31	-	-

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5,600	937	3.98	957	4.10	978	4.22	998	4.33	1018	4.45	1039	4.57	1059	4.68	1079	4.80
6,300	1014	4.87	1034	4.99	1055	5.11	1075	5.22	1096	5.34	1116	5.46	1136	5.57	1157	5.69
7,000	1105	5.92	1126	6.04	1146	6.16	1166	6.28	1187	6.39	1207	6.51	1228	6.63	1248	6.74
7,700	1211	7.15	1232	7.26	1252	7.38	1272	7.50	1293	7.61	-	-	-	-	-	-
8,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5Hp STANDARD MOTOR & LOW STATIC DRIVE ACCESSORY
5Hp STANDARD MOTOR & DRIVE
7.5Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (MBH) = 3.03 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-18B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2643	692	1.92	713	2.01	733	2.10	753	2.19	774	2.27	794	2.36	814	2.45	835	2.53	855	2.62	876	2.71	896	2.80	916	2.88
2973	769	2.59	790	2.68	810	2.76	831	2.85	851	2.94	871	3.02	892	3.11	912	3.20	933	3.29	953	3.37	973	3.46	994	3.55
3304	861	3.37	881	3.46	902	3.55	922	3.63	942	3.72	963	3.81	983	3.90	1003	3.98	1024	4.07	1044	4.16	1065	4.24	1085	4.33
3634	967	4.28	987	4.37	1008	4.46	1028	4.55	1048	4.63	1069	4.72	1089	4.81	1109	4.89	1130	4.98	1150	5.07	1171	5.16	1191	5.24
3964	1088	5.33	1109	5.42	1129	5.50	1150	5.59	1170	5.68	1190	5.76	1211	5.85	1231	5.94	1251	6.03	1272	6.11	1292	6.20	-	-

l/s	External Static Pressure(mmAq.)															
	33.02		35.6		38.10		40.64		43.18		45.72		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2643	937	2.97	957	3.06	978	3.14	998	3.23	1018	3.32	1039	3.41	1059	3.49	1079	3.58
2973	1014	3.63	1034	3.72	1055	3.81	1075	3.90	1096	3.98	1116	4.07	1136	4.16	1157	4.24
3304	1105	4.42	1126	4.51	1146	4.59	1166	4.68	1187	4.77	1207	4.85	1228	4.94	1248	5.03
3634	1211	5.33	1232	5.42	1252	5.50	1272	5.59	1293	5.68	-	-	-	-	-	-
3964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- 5Hp STANDARD MOTOR & LOW STATIC DRIVE ACCESSORY
- 5Hp STANDARD MOTOR & DRIVE
- 7.5Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (kW)= 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-18B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Low Static Drive Accessory Fan Speed	692	739	787	834	881	929	976
Standard Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	1257
Oversized Motor & Drive Fan Speed	1017	1086	1156	1225	1295	N·A	N·A

Evaporator Fan Performance LK-20B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6,400	-	-	-	-	-	-	-	-	477	1.18	502	1.34	526	1.51	549	1.68	573	1.87	598	2.08	620	2.30	644	2.50
7,200	-	-	-	-	-	-	497	1.68	522	1.88	545	2.06	567	2.23	589	2.42	610	2.61	638	2.80	649	3.02	671	3.25
8,000	-	-	488	2.00	517	2.23	544	2.47	568	2.70	590	2.93	611	3.13	631	3.32	651	3.52	670	3.72	687	3.94	706	4.16
8,800	507	2.72	538	2.90	565	3.15	590	3.40	614	3.66	636	3.93	656	4.17	675	4.40	694	4.62	712	4.83	728	5.05	745	5.28
9,600	559	3.74	587	3.90	613	4.24	637	4.51	660	4.79	682	5.08	702	5.36	721	5.64	739	5.89	756	6.13	772	6.37	787	6.61

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6,400	666	2.70	687	2.89	709	3.11	731	3.34	753	3.57	773	3.80	793	4.03	812	4.27
7,200	693	3.48	713	3.72	736	3.94	756	4.17	774	4.39	793	4.62	813	4.86	833	5.12
8,000	724	4.38	741	4.62	763	4.88	783	5.14	803	5.40	822	5.66	840	5.91	858	6.16
8,800	763	5.51	778	5.75	797	5.99	814	6.24	831	6.50	849	6.79	869	7.07	887	7.28
9,600	804	6.94	818	7.09	836	7.34	852	7.59	862	7.85	880	8.14	900	8.42	918	8.63

- 5Hp STANDARD MOTOR & DRIVE
- 5Hp STANDARD MOTOR & HIGH STATIC DRIVE
- 7.5Hp OVER SIZED MOTOR & DRIVE

• Fan motor heat (MBH) = 3.03 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-20B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3020	-	-	-	-	-	-	-	-	477	0.88	502	1.00	526	1.13	549	1.25	573	1.39	598	1.55	620	1.72	644	1.86
3398	-	-	-	-	-	-	497	1.25	522	1.40	545	1.54	567	1.66	589	1.80	610	1.95	638	2.09	649	2.25	671	2.42
3776	-	-	488	1.49	517	1.66	544	1.84	568	2.01	590	2.18	611	2.33	631	2.48	651	2.62	670	2.77	687	2.94	706	3.10
4153	507	2.03	538	2.16	565	2.35	590	2.54	614	2.73	636	2.93	656	3.11	675	3.28	694	3.45	712	3.60	728	3.77	745	3.94
4531	559	2.79	587	2.91	613	3.16	637	3.36	660	3.57	682	3.79	702	4.00	721	4.21	739	4.39	756	4.57	772	4.75	787	4.93

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.72		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3020	666	2.01	687	2.16	709	2.32	731	2.49	753	2.66	773	2.83	793	3.01	812	3.18
3398	693	2.60	713	2.77	736	2.94	756	3.11	774	3.27	793	3.45	813	3.62	833	3.82
3776	724	3.27	741	3.45	763	3.64	783	3.83	803	4.03	822	4.22	840	4.41	858	4.59
4153	763	4.11	778	4.29	797	4.47	814	4.65	831	4.85	849	5.06	869	5.27	887	5.43
4531	804	5.18	818	5.29	836	5.47	852	5.66	862	5.85	880	6.07	900	6.28	918	6.44

5Hp STANDARD MOTOR & DRIVE
5Hp STANDARD MOTOR & HIGH STATIC DRIVE
7.5Hp OVER SIZED MOTOR & DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-20B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	477	509	540	572	604	636	667
Standard Motor & High Static Drive Accessory Fan Speed	661	706	750	794	838	882	926
Oversized Motor & Drive Fan Speed	757	808	858	909	959	1009	N·A

- Factory set at 3 turns open.

Evaporator Fan Performance LK-2590CH/LK-25B0CH (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8,000	481	2.01	513	2.19	541	2.37	567	2.55	591	2.73	615	2.91	638	3.09	661	3.27	685	3.45	709	3.65	731	3.87	753	4.10
9,000	514	2.64	545	2.82	572	3.00	597	3.18	621	3.36	643	3.54	670	3.72	693	3.90	711	4.08	734	4.28	753	4.50	773	4.73
10,000	547	3.34	577	3.52	603	3.70	627	3.88	650	4.06	672	4.24	702	4.42	725	4.60	738	4.78	760	4.98	779	5.20	797	5.43
10,500	580	4.12	609	4.30	634	4.48	656	4.66	680	4.84	702	5.02	734	5.20	757	5.38	766	5.56	787	5.76	805	5.98	821	6.21
11,000	613	4.97	641	5.15	665	5.33	687	5.51	711	5.69	732	5.87	767	6.05	790	6.23	795	6.41	814	6.61	832	6.83	847	7.06

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8,000	773	4.32	793	4.54	812	4.76	831	4.98	849	5.20	867	5.42	885	5.64	906	5.86
9,000	792	4.77	812	5.11	830	5.34	849	5.56	867	5.78	885	6.00	903	6.22	924	6.44
10,000	813	5.37	832	5.72	849	5.98	868	6.20	886	6.42	904	6.64	922	6.86	943	7.08
10,500	837	6.08	854	6.41	870	6.66	889	6.88	907	7.10	925	7.32	943	7.54	964	7.76
11,000	863	6.87	880	7.21	894	7.45	913	7.67	931	7.89	949	8.11	967	8.33	988	8.55

- 7.5Hp STANDARD MOTOR & LOW STATIC DRIVE
- 7.5Hp STANDARD MOTOR & DRIVE
- 7.5Hp STANDARD MOTOR & HIGH STATIC DRIVE

• Fan motor heat (MBH) = 2.96 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-2590CH/LK-25B0CH (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3776	481	1.50	513	1.63	541	1.77	567	1.90	591	2.04	615	2.17	638	2.30	661	2.44	685	2.57	709	2.72	731	2.89	753	3.06
4247	514	1.97	545	2.10	572	2.24	597	2.37	621	2.51	643	2.64	670	2.77	693	2.91	711	3.04	734	3.19	753	3.36	773	3.53
4719	547	2.49	577	2.62	603	2.76	627	2.89	650	3.03	672	3.16	702	3.30	725	3.43	738	3.56	760	3.71	779	3.88	797	4.05
4955	580	3.07	609	3.21	634	3.34	656	3.47	680	3.61	702	3.74	734	3.88	757	4.01	766	4.15	787	4.30	805	4.46	821	4.63
5191	613	3.71	641	3.84	665	3.97	687	4.11	711	4.24	732	4.38	767	4.51	790	4.65	795	4.78	814	4.93	832	5.09	847	5.26

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.72		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3776	773	3.22	793	3.39	812	3.55	831	3.71	849	3.88	867	4.04	885	4.21	906	4.37
4247	792	3.56	812	3.81	830	3.98	849	4.15	867	4.31	885	4.47	903	4.64	924	4.80
4719	813	4.00	832	4.27	849	4.46	868	4.62	886	4.79	904	4.95	922	5.12	943	5.28
4955	837	4.53	854	4.78	870	4.97	889	5.13	907	5.29	925	5.46	943	5.62	964	5.79
5191	863	5.12	880	5.38	894	5.56	913	5.72	931	5.88	949	6.05	967	6.21	988	6.38

7.5Hp STANDARD MOTOR & LOW STATIC DRIVE
7.5Hp STANDARD MOTOR & DRIVE
7.5Hp STANDARD MOTOR & HIGH STATIC DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-2590CH/LK-25B0CH(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Low Static Drive Accessory Fan Speed	447	509	540	572	604	636	667
Standard Motor & Drive Fan Speed	586	625	664	703	742	781	820
Standard Motor & High Static Drive Accessory Fan Speed	757	808	858	909	959	1009	N·A

- Factory set at 3 turns open.

Accessory Static Pressure Drops

Model No.	CFM	l/s	Standard Filter		Electric Heater											
					5kW		9kW		10kW		15kW		18kW		36kW	
			in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.
LK-06B0CH	2,000	944	0.03	0.76	-	-	0.01	0.25	-	-	-	-	0.01	0.25	-	-
	2,500	1,180	0.06	1.52	-	-	0.01	0.25	-	-	-	-	0.02	0.51	-	-
	3,000	1,416	0.09	2.29	-	-	0.02	0.51	-	-	-	-	0.03	0.76	-	-
LK-0890CH LK-08B0CH	2,400	1,133	0.04	1.02	-	-	0.01	0.25	-	-	-	-	0.02	0.51	-	-
	3,000	1,416	0.08	2.03	-	-	0.01	0.25	-	-	-	-	0.03	0.76	-	-
	3,600	1,699	0.12	3.05	-	-	0.02	0.51	-	-	-	-	0.04	1.02	-	-
LK-09B0CH	2,720	1,284	0.04	1.02	-	-	0.01	0.25	-	-	-	-	0.06	1.52	-	-
	3,400	1,604	0.07	1.78	-	-	0.01	0.25	-	-	-	-	0.08	2.03	-	-
	4,080	1,925	0.09	2.29	-	-	0.02	0.51	-	-	-	-	0.11	2.79	-	-
LK-1090CH LK-10B0CH	3,200	1,510	0.06	1.52	-	-	0.01	0.25	-	-	-	-	0.07	1.78	-	-
	4,000	1,888	0.1	2.54	-	-	0.01	0.25	-	-	-	-	0.1	2.54	-	-
	4,800	2,265	0.14	3.56	-	-	0.02	0.51	-	-	-	-	0.15	2.81	-	-
LK-1380CH	4,000	1,888	0.08	2.03	-	-	-	-	-	-	-	-	0.03	0.76	-	-
	5,000	2,360	0.13	3.3	-	-	-	-	-	-	-	-	0.06	1.52	-	-
	6,000	2,831	0.18	4.57	-	-	-	-	-	-	-	-	0.09	2.29	-	-
LK-1590CH LK-15B0CH	4,800	2,265	0.06	1.52	-	-	-	-	-	-	-	-	0.04	1.02	0.04	1.02
	6,000	2,831	0.09	2.29	-	-	-	-	-	-	-	-	0.06	1.52	0.07	1.78
	7,200	3,398	0.13	3.3	-	-	-	-	-	-	-	-	0.1	2.54	0.11	2.79
LK-18B0CH	5,600	2,643	0.06	1.52	-	-	-	-	-	-	-	-	0.05	1.27	0.05	1.27
	7,000	3,303	0.11	2.79	-	-	-	-	-	-	-	-	0.07	1.78	0.07	1.78
	8,400	3,964	0.15	3.81	-	-	-	-	-	-	-	-	0.11	2.79	0.12	3.05
LK-20B0CH	6,400	3,020	0.07	1.78	-	-	-	-	-	-	-	-	-	-	0.05	1.27
	8,000	3,775	0.1	2.54	-	-	-	-	-	-	-	-	-	-	0.09	2.29
	9,600	4,530	0.14	3.56	-	-	-	-	-	-	-	-	-	-	0.14	3.56
LK-25B0CH LK-2590CH	8,000	3,775	0.08	2.03	-	-	-	-	-	-	-	-	-	-	0.07	1.78
	10,000	4,719	0.13	3.3	-	-	-	-	-	-	-	-	-	-	0.13	3.3
	12,000	5,663	0.18	4.57	-	-	-	-	-	-	-	-	-	-	0.17	4.32

Electric Heating Capacity

Model No.	Total		No. of Stage	Stage 1		Stage 2	
	Input(kW)	Output(MBH)		Input(kW)	Output(MBH)	Input(kW)	Output(MBH)
LK-06B0CH	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-0890CH LK-08B0CH	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-09B0CH	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-1090CH LK-10B0CH	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-13B0CH	18	61.43	1	18	61.43	-	-
LK-1590CH LK-15B0CH	18	61.43	1	18	61.43	-	-
	36	122.86	2	18	61.43	18	61.43
LK-18B0CH	18	61.43	1	18	61.43	-	-
	36	122.86	2	18	61.43	18	61.43
LK-20B0CH	36	122.86	2	18	61.43	18	61.43
LK-C240B(D/9)C00 LK-C2409C01	36	122.86	2	18	61.43	18	61.43
LK-2590CH LK-25B0CH	36	122.86	2	18	61.43	18	61.43

Note: 1. The output ratings shown above is at 240(V).
For other voltage, Output = Capacity Multiplier x Rated Output
2. E/heater Voltage range is 208-240(V).

Voltage(V)	Capacity Multiplier
208	0.75
220	0.84
230	0.92
240	1.00

Air Temperature Rise Across Electric Heater(°F)

Model No.	Stage	5kW	9kW	10kW	15kW	18kW	36kW
LK-06B0CH (AT 2500CFM)	1	-	11.4	-	-	22.8	-
LK-0890CH LK-08B0CH (AT 3000CFM)	1	-	9.5	-	-	18.2	-
LK-09B0CH (AT 3400CFM)	1	-	8.4	-	-	16.7	-
LK-1090CH LK-10B0CH (AT 4000CFM)	1	-	7.1	-	-	14.2	-
LK-13B0CH (AT 5000CFM)	1	-	-	-	-	11.4	-
LK-1590CH (AT 6000CFM)	1	-	-	-	-	11.4	-
LK-15B0CH (AT 6000CFM)	1 2	- -	- -	- -	- -	9.5 -	- 19
LK-18B0CH (AT 7000CFM)	1 2	- -	- -	- -	- -	8.1 -	- 16.2
LK-20B0CH (AT 8000CFM)	2	-	-	-	-	-	14.2
LK-2590CH LK-25B0CH (AT 10000CFM)	2	-	-	-	-	-	11.4

• Temp. Rise across Electric Heater $= \frac{(\text{kW x } 3{,}413)}{(1.08 \text{ x CFM})}$

• If you want to take temp rise at different airflow use above equation.

10. Electrical data

Electrical Data, Cooling

Tons	Model No.	Unit Operating Voltage Range(V)	Standard indoor fan motor			Oversized indoor fan motor		
			*M.C.A.	*M.F.S.	*M.C.B	*M.C.A.	*M.F.S.	*M.C.B
6.25	LK-06B0CH	198-242	35	50	50	37.7	60	60
7.5	LK-08B0CH	198-242	43	60	60	45.7	60	60
7.5	LK-0890CH	342-418	26	40	40	28.2	40	40
8.5	LK-09B0CH	198-242	52.6	70	70	-	-	-
10	LK-10B0CH	198-242	57.6	70	70	64.8	80	80
10	LK-1090CH	342-418	40	50	50	40.4	50	50
12.5	LK-13B0CH	198-242	73	90	90	79.0	100	100
15	LK-15B0CH	198-242	86	100	100	91.0	110	110
15	LK-1590CH	342-418	51.1	60	60	53.5	60	60
17.5	LK-18B0CH	198-242	102	110	110	110.0	125	125
20	LK-20B0CH	198-242	124	150	150	132.0	150	150
25	LK-25B0CH	198-242	133	150	150	-	-	-
25	LK-2590CH	342-418	79	80	80	-	-	-

Note: *M.C.A.: Minimum Circuit Ampacity(A), *M.F.S.: Maximum Fuse Size(A), *M.C.B.: Maximum Circuit Breaker(A)

Electrical Data with Electric Heating

Model No.	Heater Model No.	Heater Capacity(kW)	Power supply	Standard indoor fan motor			Oversized indoor fan motor		
				*M.C.A.	*M.F.S.	*M.C.B	*M.C.A.	*M.F.S.	*M.C.B
LK-06B0CH	LKAEH09B	9	3Ø, 220V, 60Hz	35.1	50.0	50.0	38.1	50.0	50.0
	LKAEH18B	18		58.7	70.0	70.0	61.5	70.0	70.0
LK-08B0CH	LKAEH09B	9	3Ø, 220V, 60Hz	35.1	50.0	50.0	38.1	50.0	50.0
	LKAEH18B	18		58.7	70.0	70.0	61.5	70.0	70.0
LK-0890CH	LKAEH098	9	3Ø, 380V, 60Hz	23.1	50.0	50.0	25.9	50.0	50.0
	LKAEH188	18		38.5	50.0	50.0	41.5	50.0	50.0
LK-09B0CH	LKAEH09B	9	3Ø, 220V, 60Hz	41.2	60.0	60.0	-	-	-
	LKAEH18B	18		64.8	80.0	80.0	-	-	-
LK-10B0CH	LKAEH09B	9	3Ø, 220V, 60Hz	41.2	60.0	60.0	48.4	60.0	60.0
	LKAEH18B	18		64.8	80.0	80.0	72.0	90.0	90.0
LK-1090CH	LKAEH098	9	3Ø, 380V, 60Hz	40.3	50.0	50.0	40.8	50.0	50.0
	LKAEH188	18		55.8	70.0	70.0	56.4	70.0	70.0
LK-13B0CH	LKAEH09B	9	3Ø, 220V, 60Hz	41.2	60.0	60.0	48.4	60.0	60.0
	LKAEH18B	18		64.8	80.0	80.0	72.0	90.0	90.0
LK-15B0CH	LKAEH18B	18	3Ø, 220V, 60Hz	82.0	100.0	100.0	88.0	100.0	100.0
	LKAEH36B	36		122.0	125.0	125.0	130.0	150.0	150.0
LK-1590CH	LKAEH188	18	3Ø, 380V, 60Hz	55.8	70.0	70.0	58.8	70.0	70.0
	LKAEH368	36		87.0	100.0	100.0	90.0	100.0	100.0
LK-18B0CH	LKAEH36B	36	3Ø, 220V, 60Hz	130.0	150.0	150.0	139.0	150.0	150.0
LK-20B0CH	LKAEH36BL	36	3Ø, 220V, 60Hz	130.0	150.0	150.0	139.0	150.0	150.0
LK-25B0CH	LKAEH36BL	36	3Ø, 220V, 60Hz	139.0	150.0	150.0	-	-	-
LK-2590CH	LKAEH368L	36	3Ø, 380V, 60Hz	93.0	100.0	100.0	-	-	-

Note: ❶ The heater Capacity shown above is at 240(V).
❷ Voltage range is 208~240(V).
*M.C.A.: Minimum Circuit Ampacity(A)
*M.F.S.: Maximum Fuse Size(A)
*M.C.B.: Maximum Circuit Breaker(A)

Electrical Characteristics---Evaporator Fan Motor --- 60 Hz

Model No.	Standard indoor fan motor						Oversize indoor fan motor					
	No.	Voltage(V)	Phase	HP	FLA	LRA	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-06B0CH	1	220	3	1.5	6.7	40.2	1	220	3	3.0	9.4	81.0
LK-08B0CH	1	220	3	1.5	6.7	40.2	1	220	3	3.0	9.4	81.0
LK-09B0CH	1	220	3	3.0	9.4	81.0	-	-	-	-	-	-
LK-10B0CH	1	220	3	3.0	9.4	81.0	1	220	3	5.0	16.6	108.5
LK-13B0CH	1	220	3	3.0	9.4	81.0	1	220	3	5.0	16.6	108.5
LK-15B0CH	1	220	3	4.0	12.5	90.0	1	220	3	5.0	16.6	108.5
LK-18B0CH	1	220	3	5.0	16.6	108.5	1	220	3	7.5	24.2	164.4
LK-20B0CH	1	220	3	5.0	16.6	115.0	1	220	3	7.5	24.2	164.4
LK-25B0CH	1	220	3	7.5	24.2	164.4	-	-	-	-	-	-
LK-0890CH	1	380	3	1.5	2.6	26.0	1	380	3	3.0	4.8	64.0
LK-1090CH	1	380	3	4.0	7.3	40.0	1	380	3	5.0	7.7	46.0
LK-1590CH	1	380	3	4.0	7.2	52.0	1	380	3	5.0	9.6	62.6
LK-2590CH	1	380	3	7.5	12.0	70.3	-	-	-	-	-	-

Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

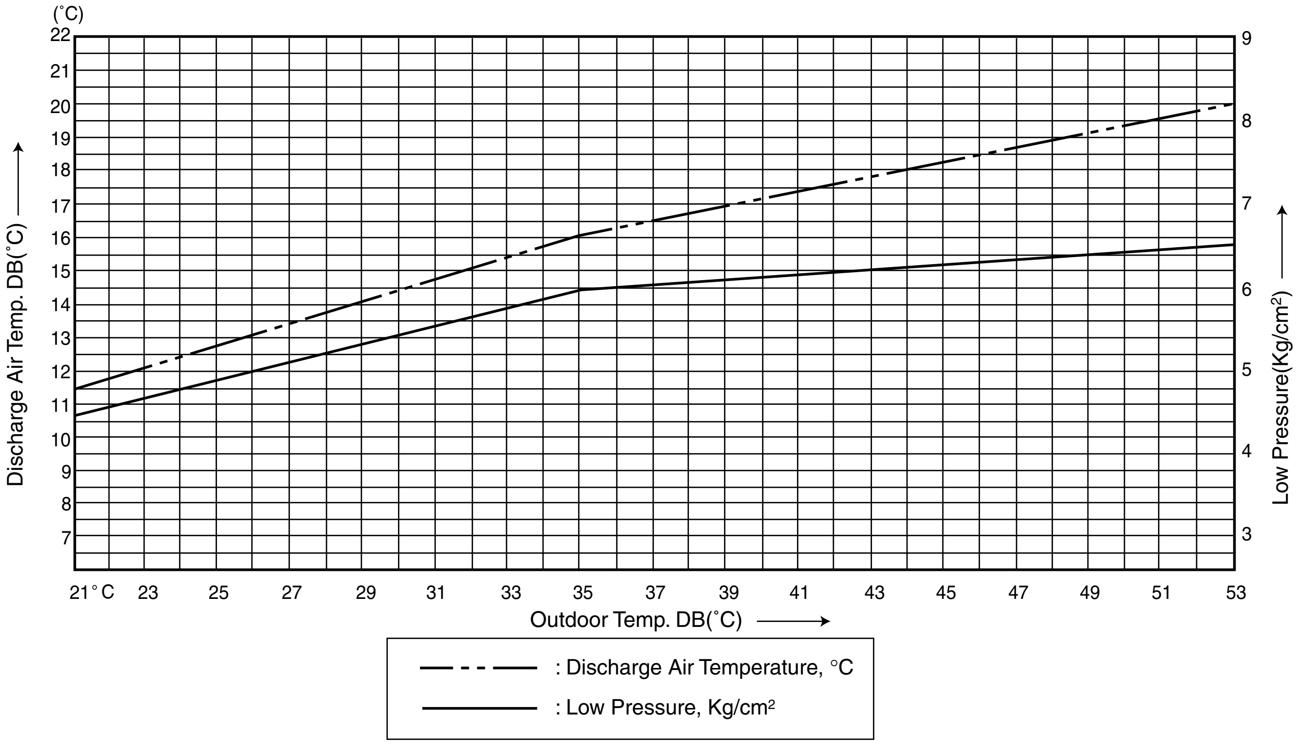
Electrical Characteristics---Compressor and Outdoor Fan Motor --- 60 Hz

Model No.	COMPRESSOR						OUTDOOR FAN MOTOR					
	No.	Voltage(V)	Phase	HP	FLA	LRA	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-06B0CH	1	208-230	3	6.0	18.3	158	1	220	1	0.5	3.4	10.8
LK-08B0CH	1	208-230	3	7.5	25.2	190	1	220	1	0.5	3.4	10.8
LK-09B0CH	2	208-230	3	4.0	14.0	137	1	220	1	1.3	6.2	19.5
LK-10B0CH	2	208-230	3	5.0	16.0	150	1	220	1	1.3	6.2	19.5
LK-13B0CH	2	208-230	3	6.0	18.3	158	1	220	1	1.3	6.2	19.5
LK-15B0CH	2	208-230	3	7.5	25.2	190	2	220	1	1.3	6.2	19.5
LK-18B0CH	2	208-230	3	8.5	29.0	228	2	220	1	1.3	6.2	19.5
LK-20B0CH	2	208-230	3	10.0	33.5	264	2	220	1	1.3	6.2	19.5
LK-25B0CH	2	208-230	3	12.0	43.1	252	2	220	3	2.0	6.7	40.2
LK-0890CH	1	380	3	8.5	15.0	115	1	220	1	0.5	3.4	10.8
LK-1090CH	2	380	3	5.0	11.0	78	1	220	1	1.0	6.2	19.5
LK-1590CH	2	380	3	7.5	12.6	95	2	220	1	1.5	6.2	19.5
LK-2590CH	3	380	3	8.5	14.5	115	2	220	1	1.5	6.2	19.5

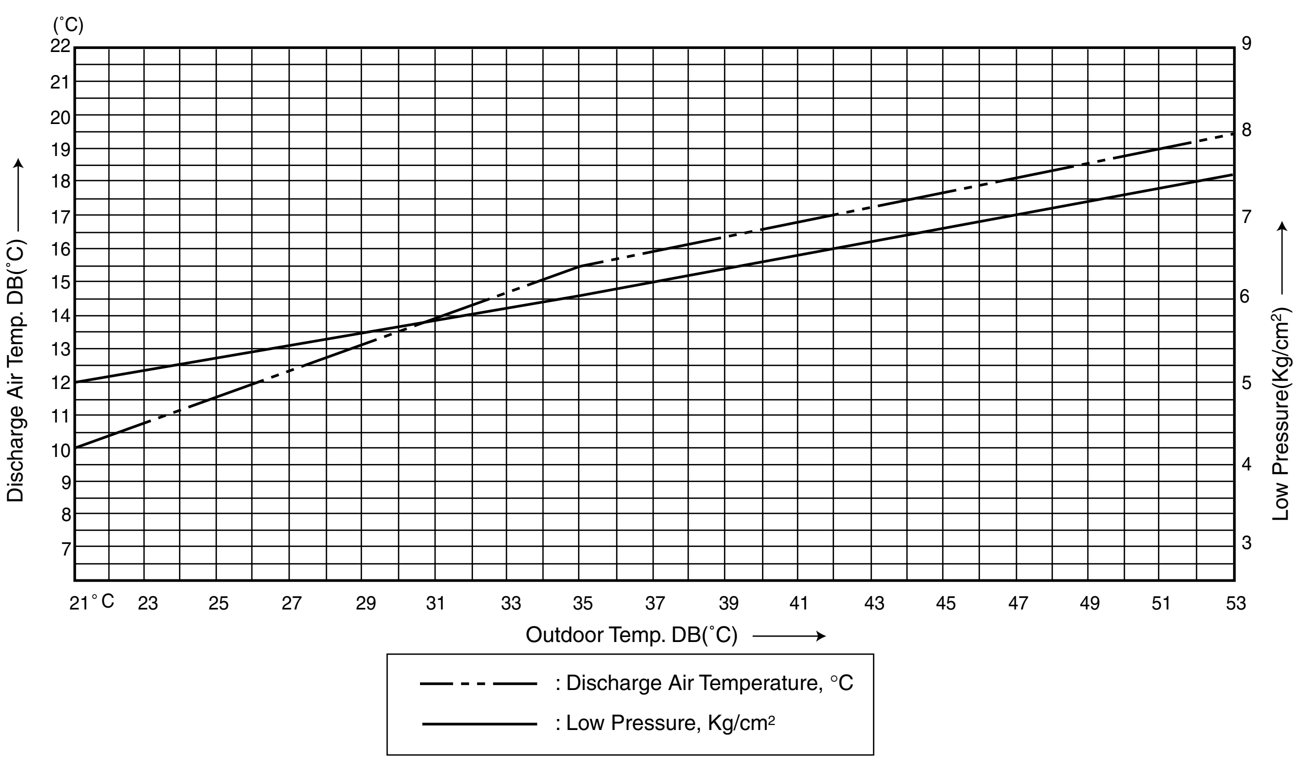
Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

11. Temperature, Pressure chart

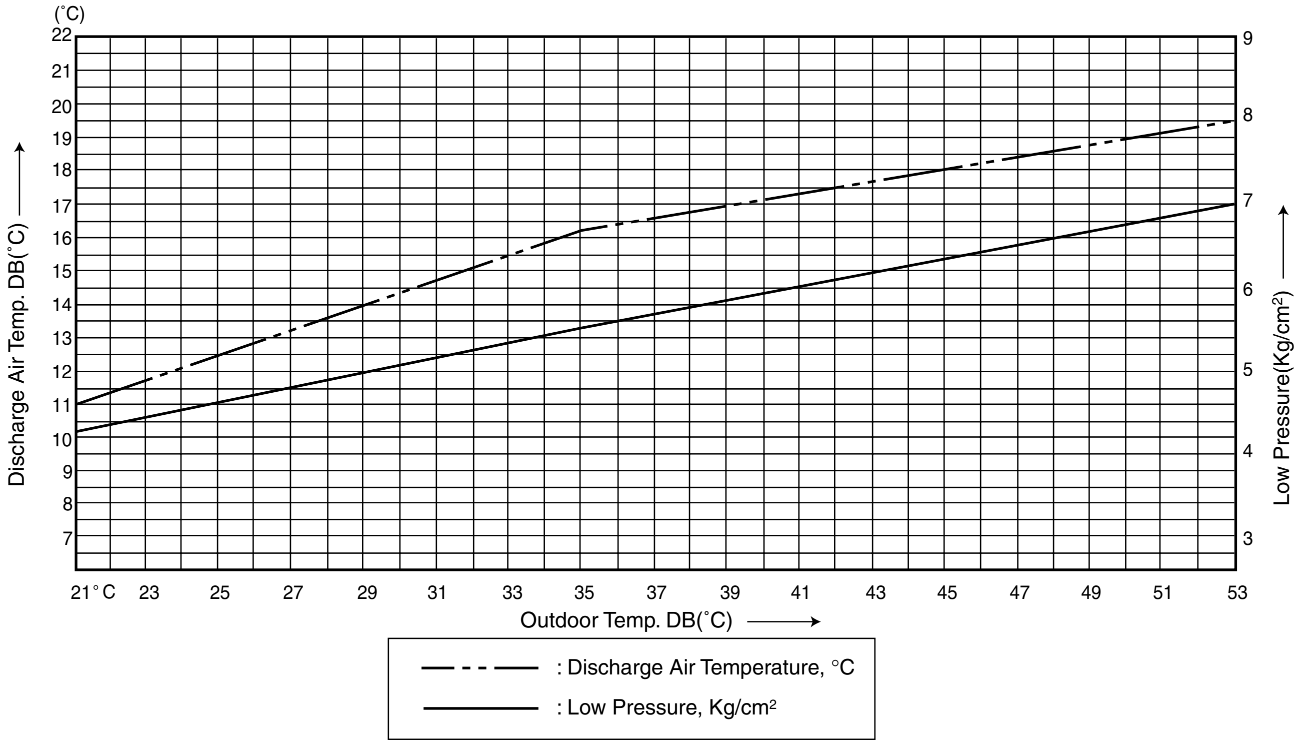
Model No.: LK-06B0CH



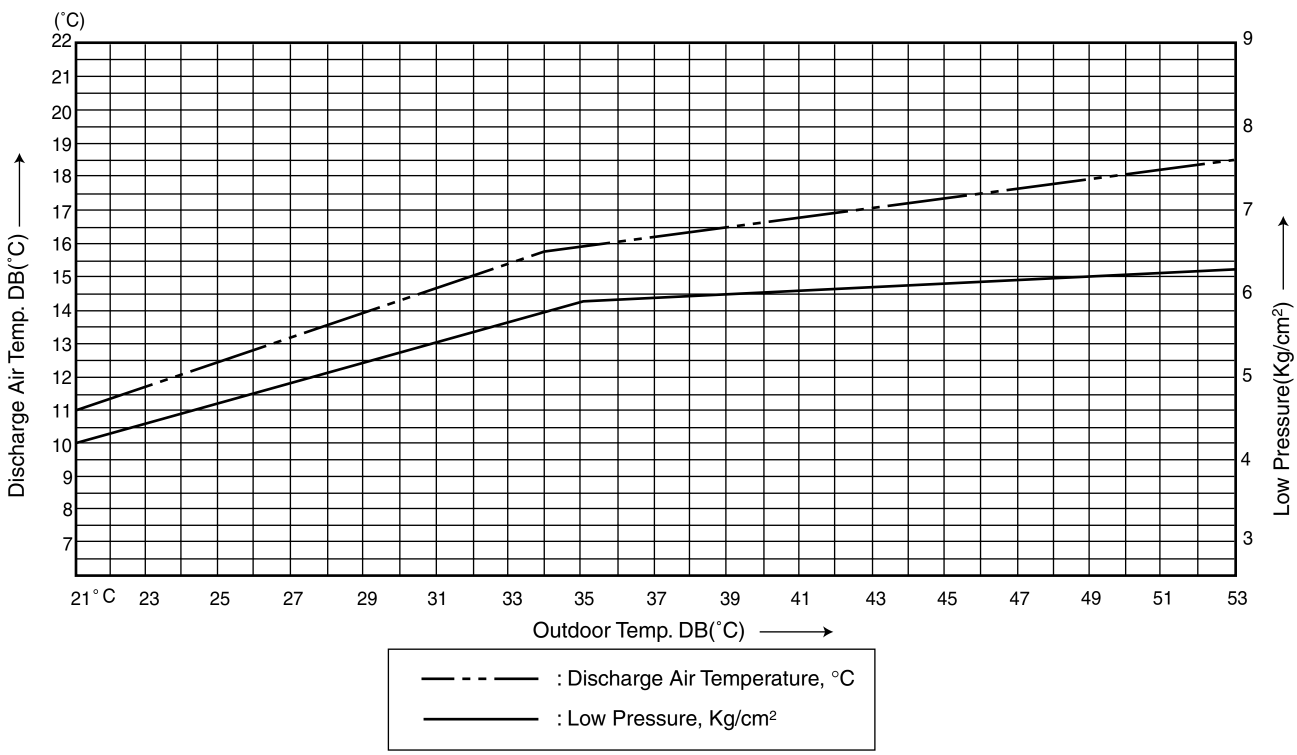
Model No.: LK-0890CH/LK-08B0CH



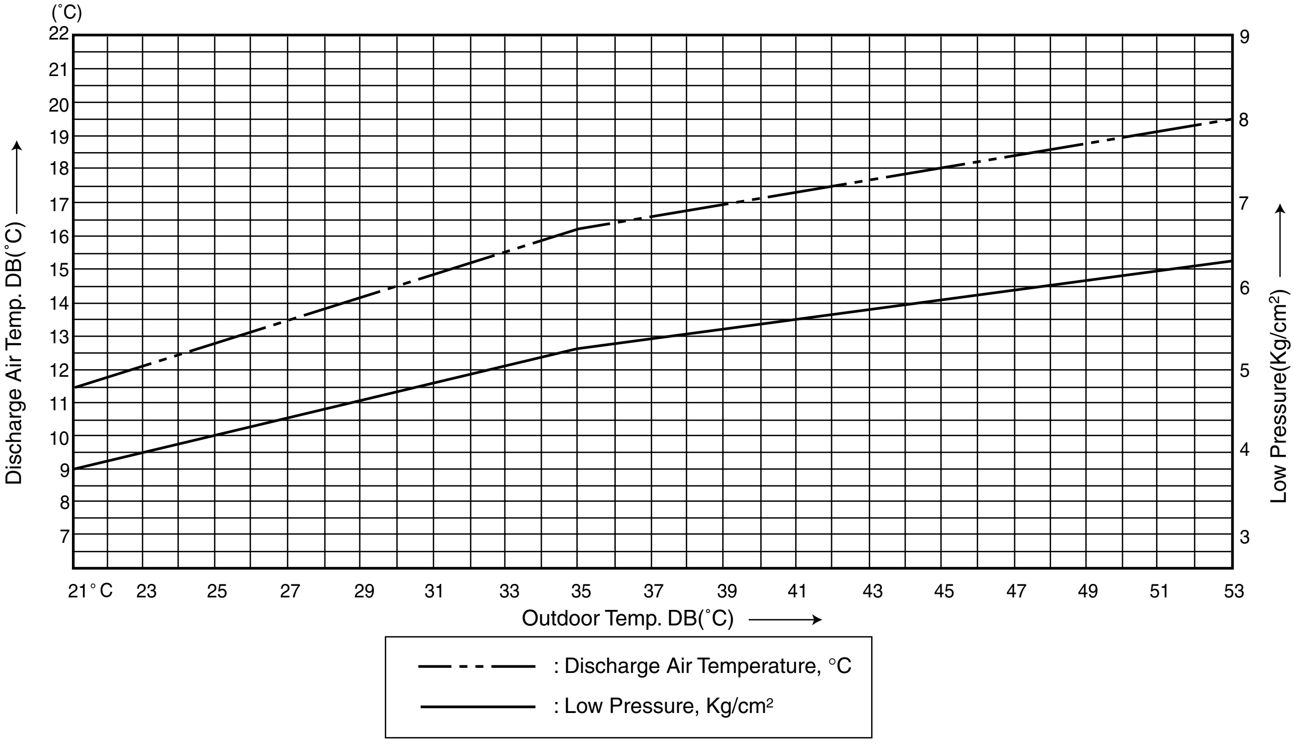
Model No.: LK-09B0CH



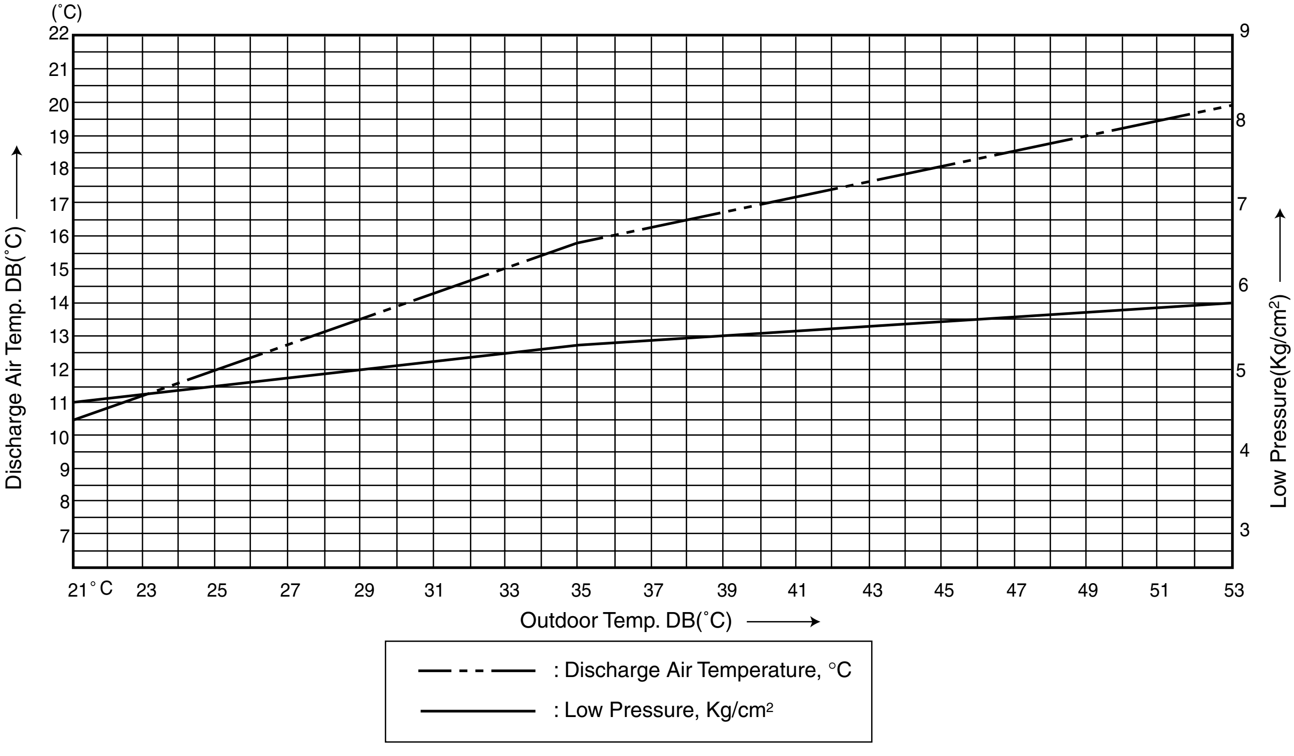
Model No.: LK-1090CH/LK-10B0CH



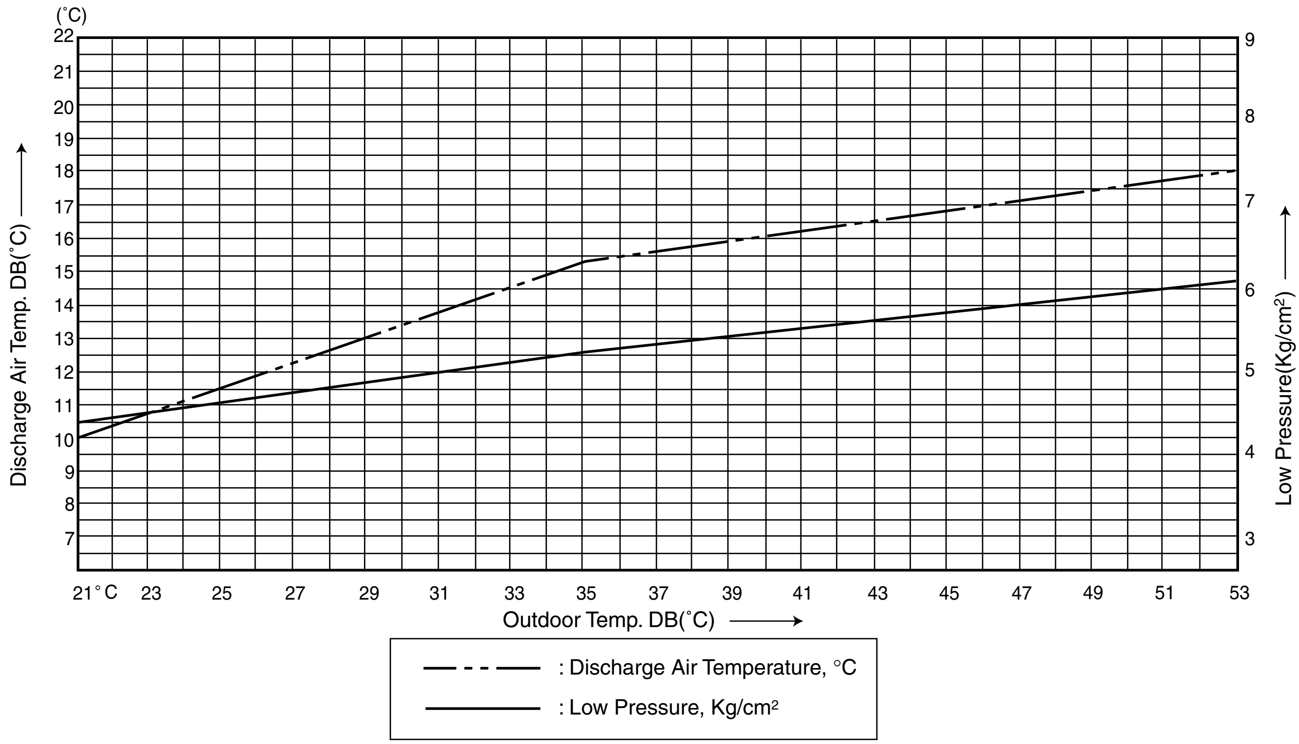
Model No.: LK-13B0CH



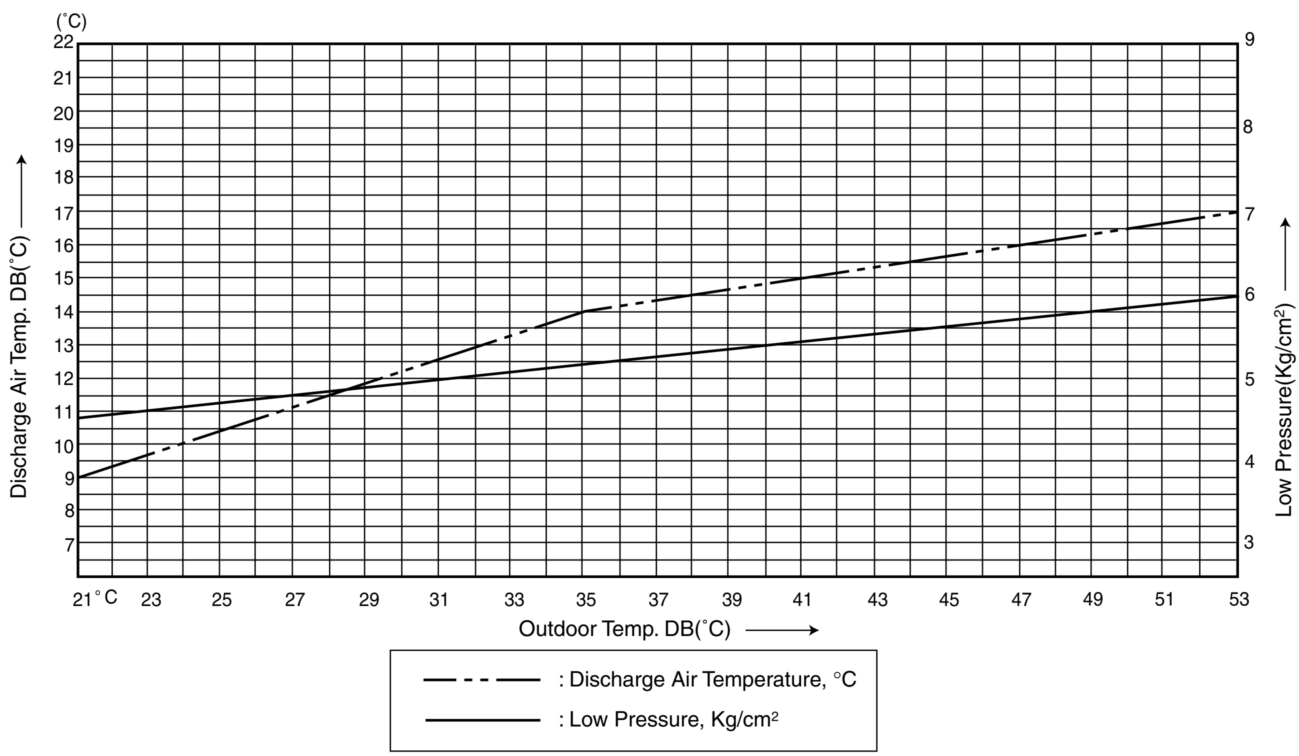
Model No.: LK-1590CH/LK-15B0CH



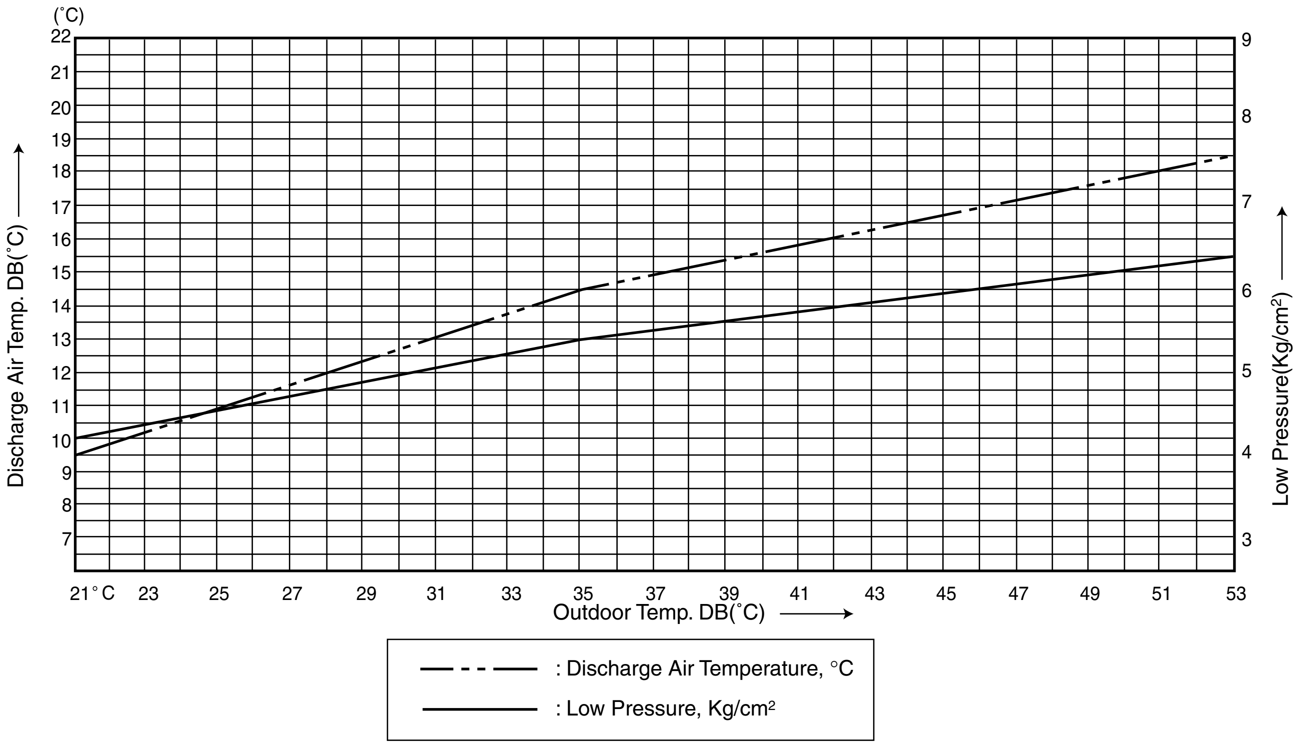
Model No.: LK-18B0CH



Model No.: LK-20B0CH

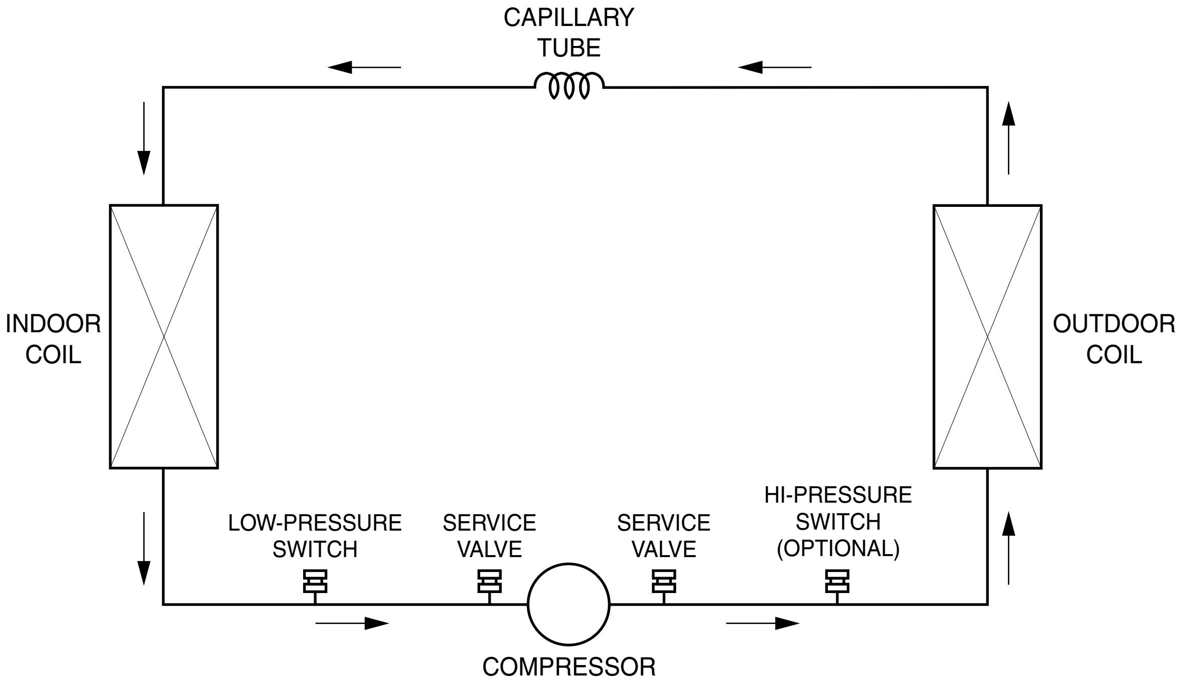


Model No.: LK-2590CH/LK-25B0CH

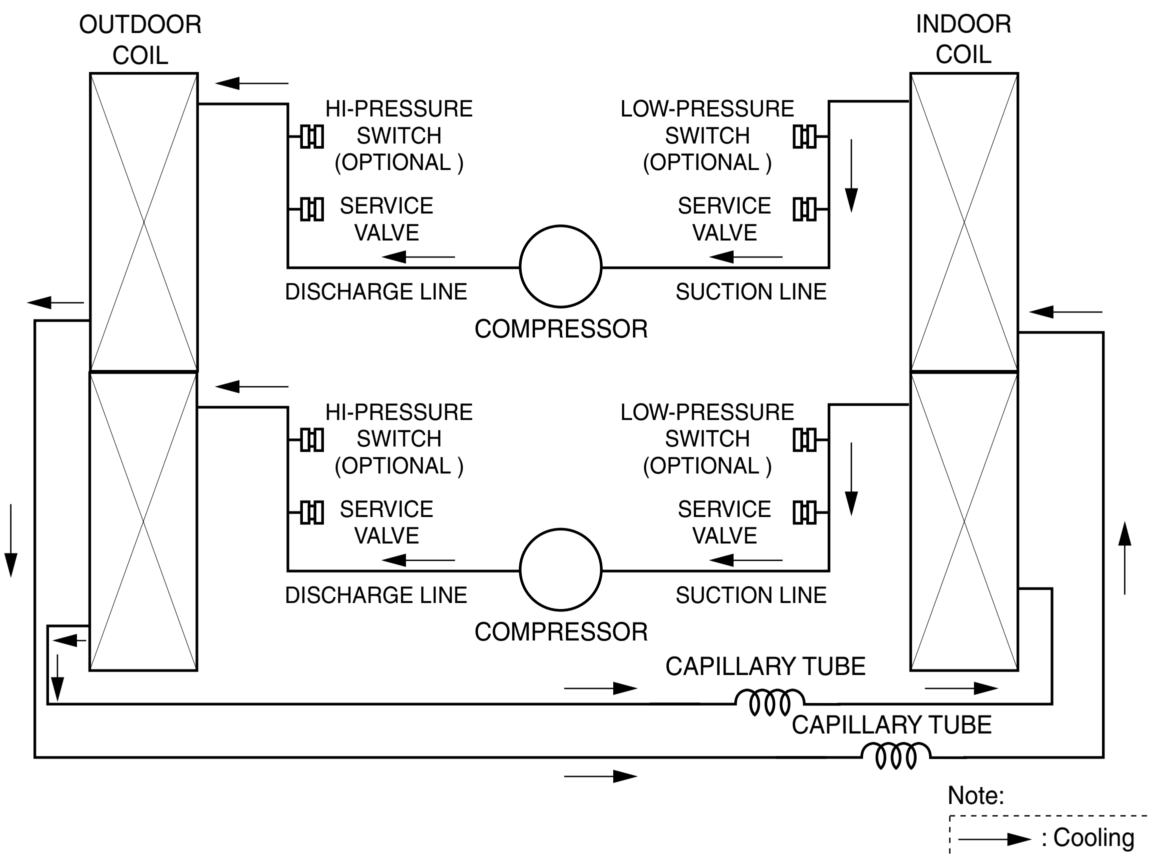


12. Piping diagrams

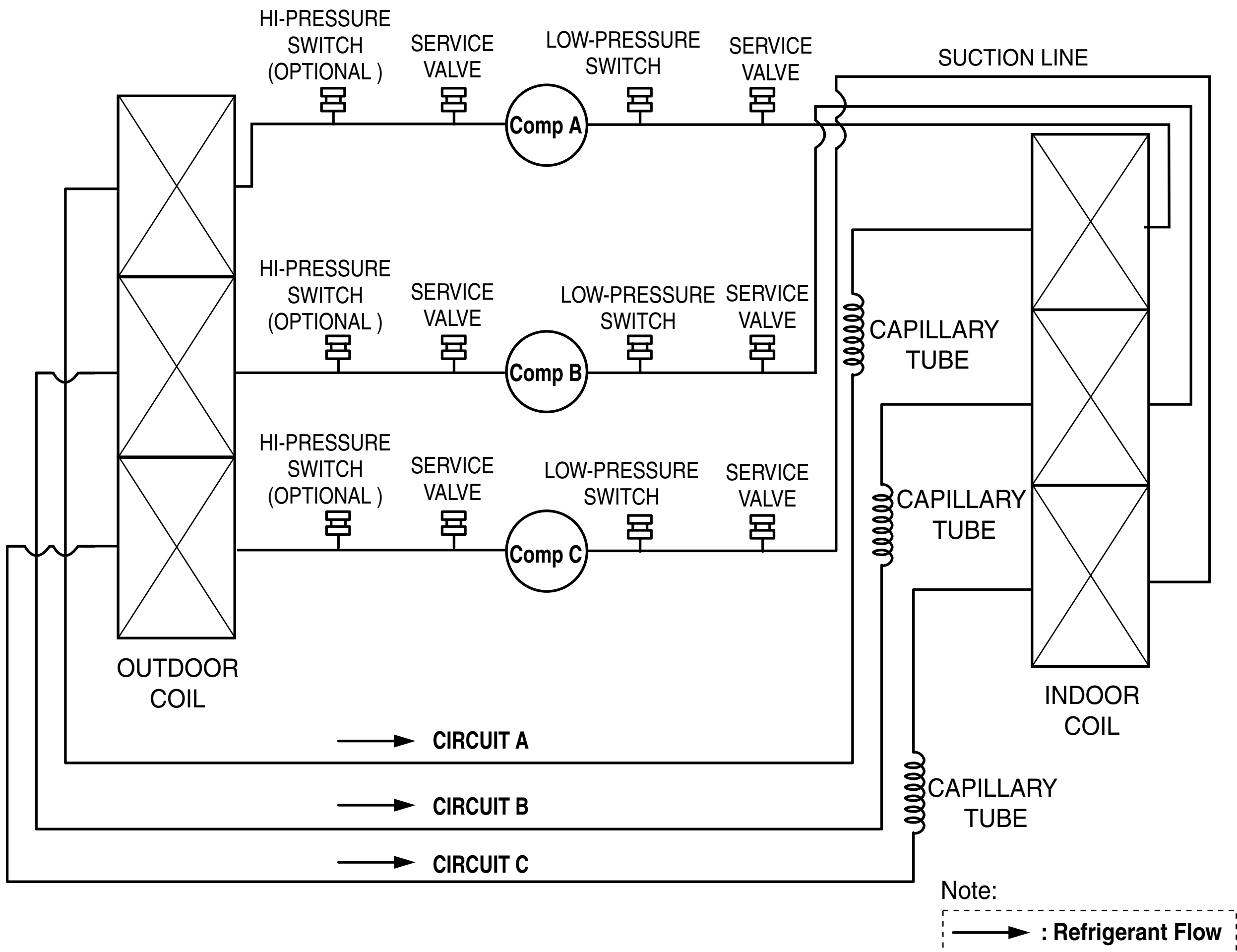
Model No.: LK-06B0CH/LK-0890CH/LK-08B0CH



Model No.: LK-09B0CH/LK10B0CH/ LK-13B0CH/LK-15B0CH/LK-18B0CH/ LK-20B0CH/LK-25B0CH/LK-1090CH/LK-1590CH

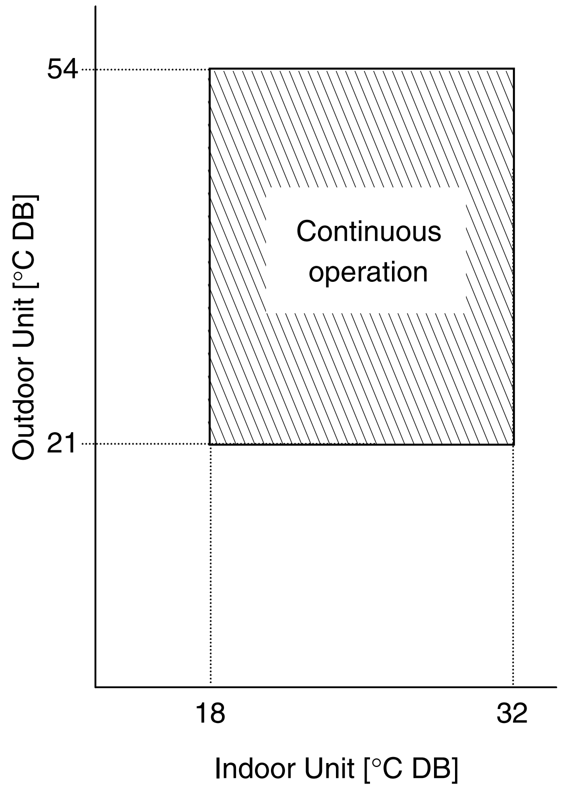


Model No.: LK-2590CH



13. Operation range

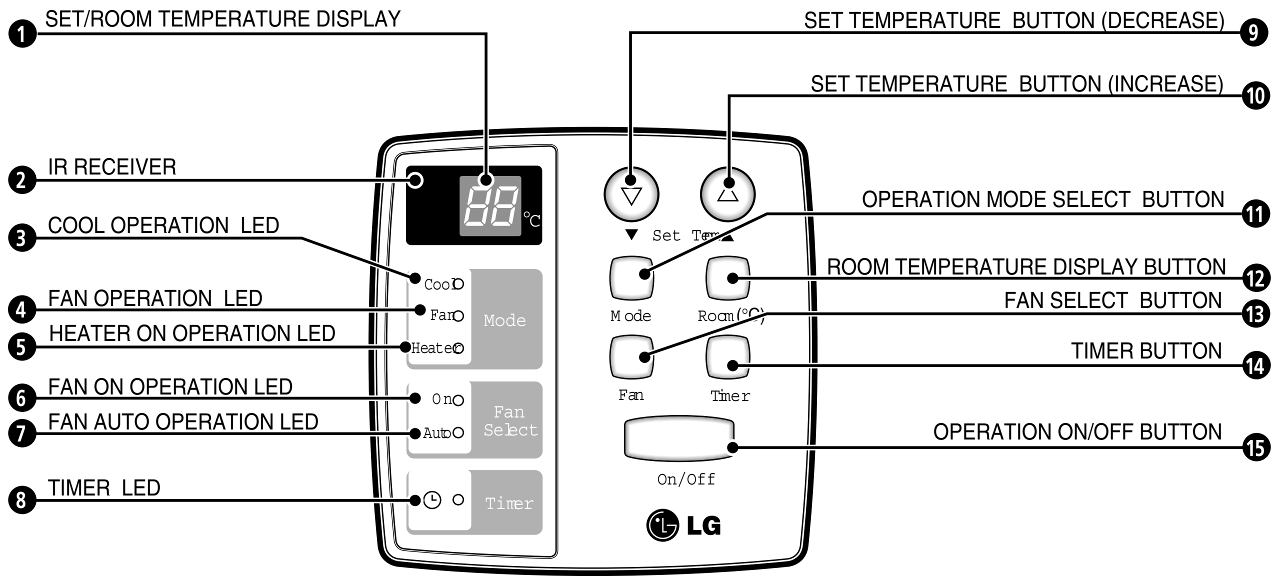
Cooling



- Although low ambient kit is installed, in case outdoor temperature goes below 0°C, the cooling capacity can be dropped and operation characteristics can be slightly different.

14. Controller

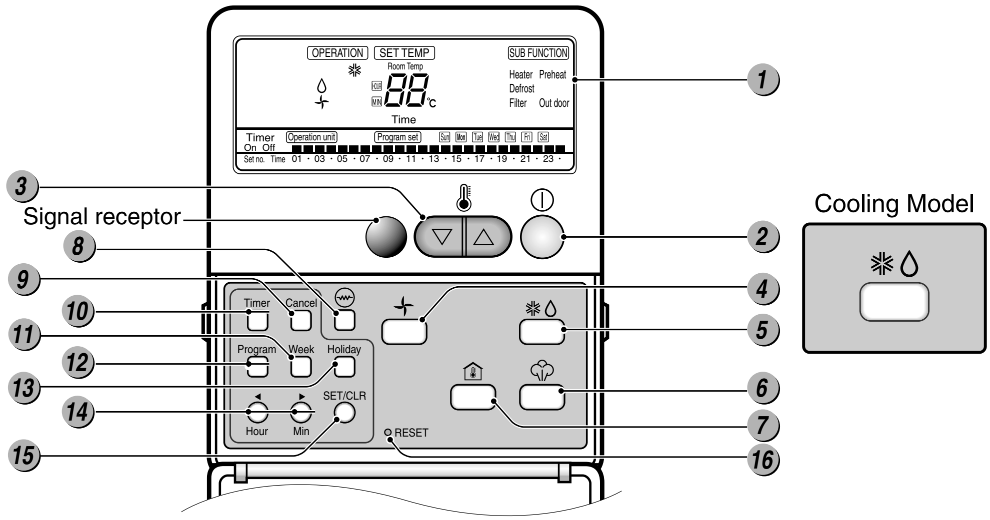
1) Electronic Thermostat - Mechanical control Model (Accessory)



1. **Displays the set temperature or room temperature**
2. **Receives signal from wireless remote controller**
3. **Display for cool operation state**
4. **Display for fan operation state**
5. **Display for heater operation state**
6. **Display for fan operation "On" state**
7. **Display for fan operation in "Auto" state**
8. **Display for timer select state**
9. **Decrease the set temperature**
10. **Increase the set temperature**
11. **Select operation mode - cool/fan/heater**
12. **Display for room temperature**
13. **Select fan operation**
14. **Set the timer operation**
15. **Press the operation button once to start the operation Press again to stop the operation**

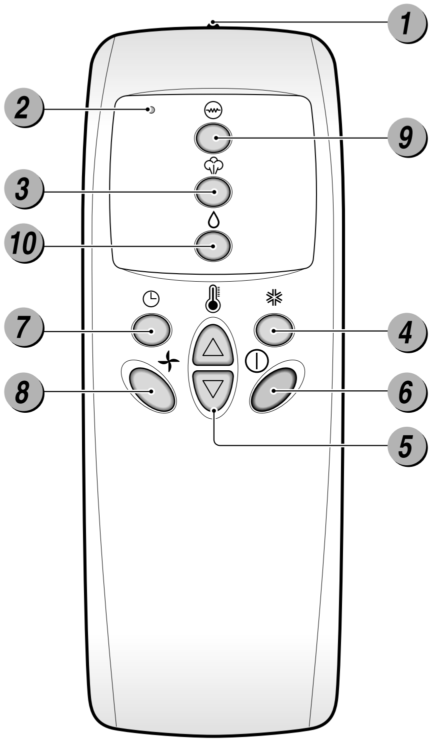
2) LCD Wired remote controller

Model No.: LK-06B0CH/LK-08B0CH/LK-09B0CH/LK10B0CH/LK-13B0CH/ LK-15B0CH/LK-18B0CH/LK-20B0CH/LK-25B0CH/LK-0890CH/ LK-1090CH/LK-1590CH/LK-2590CH



1. **Operation display**
   Displays the operation conditions.
2. **On/Off Button**
   Operation starts when this button is pressed, and stops when the button is pressed again.
3. **Set Temperature Button**
   Used to set the required temperature.
4. **FAN Operation Button**
   Used to circulate room air without cooling or heating.
5. **Operation Mode Selection Button**
   Used to select the operation mode.
   • Cooling Operation Mode
   • Soft Dry Operation Mode
6. **Humidify Button**
7. **Room Temperature Checking Button**
   Used to check the room temperature.
8. **Heater Button**
9. **Timer Cancel Button**
   Used to cancel the timer.
10. **Timer Set Button**
    Used to set the on/off timer.
11. **Week Button**
    Used to set the day of the week.
12. **Program Button**
    Used to set the weekly timer.
13. **Holiday Button**
    Used to set the holiday of the week.
14. **Time Set Button**
    Used to set the time of the day and change the time in the weekly timer Function.
15. **Set and Clear Button**
    Used to set and clear the weekly timer.
16. **Reset Button**
    Used to set the current time and clear the set-ting time.

3) Wireless remote controller (accessory)



(Cooling Model)

1 **Signal Transmitter**
- Transmits the signals to the air conditioner

2 **Operation Display of the Remote Control**
- LED displays operation status(on or off) of air conditioner.

3 **Humidify Button**

4 **Cooling ON Button**

5 **Temperature Setting Buttons**

6 **Power ON/OFF Button**
- Operation will start when this button is pressed, and stops when the button is pressed again.

7 **Timer Set Button**
- Subsequent pressing of the button, changes the set time in the incremental order from 1 hr to 7 hr. If you select "0:000" the off timer function will be considered.

8 **Indoor Fan Operation Button**

9 **Electric Heater ON/OFF Button(Optional)**

10 **Soft Dry Operation Button**

15. Mechanical specifications

General

Factory assembled fully self contained, single piece design to operate up to 129°F in cooling with optional electric heater.

Unit shall be rated in accordance with ARI standard testing procedure, fully charged with R-22. Units shall be fully factory tested before shipment.

Casing

Unit casing shall be constructed of heavy gauge zinc coated, galvanized steel. The cabinet shall be exterior painted and weather resistance. The cabinet shall be designed to allow maintenance from one side only.

Unit shall have a water and air tight service panels with minimum number of screws per panel for easy servicing.

Filters

This units are shipped without air filter and it is the responsibity of the installer to provide a filter in the return air ductwork.

Compressors

LG single packaged units shall be direct drive hermetic compressor, scroll type with internal built in lubricating mechanism for all moving parts. Motor shall be suction gas cooled with internal temperature and over current sensitive motor over load, for maximum protection. Factory rubber shock mounted and internally spring isolation for sound and vibration control.

Refrigerant Circuits

Each refrigerant circuit shall have independent fixed capillary tube devices and service pressure ports, low pressure switches and refrigerant line filter factory-installed as standard.

Evaporator and Condenser Coils

Shall be aluminum plate fins, mechanically bonded to copper tubes.

Coil shall be factory tested for leakage and pressure.

Outdoor Fans

Statically and dynamically, direct drive outdoor fan in vertical discharge position. Permanently lubricated fan motors with built in thermal overload protection.

Indoor Fan

Direct drive indoor motor for all unit with forward curve centrifugal fans. All motors shall be thermally overload protected.

Controls

All units shall be capable to operate in heating and cooling by mechanical or elector-mechanical thermostat. Time delay PCB shall be provided time delay for compressor reliability.

Accessories

Electric Heaters – Constructed form Nickel Chromium elements. One stages heaters controlled by mechanical or electro-mechanical control. Heater shall have automatic reset high limit controller.

16. Appendix

Unit Conversion

Cooling Capacity

RT	Btu/h	kcal/h	W
1	12,000	3024.2	3516.7

Volume

CMM	CFM	l/s
1	35.3	16.67

Length

m	cm	mm	inch
1	100	1000	39.37

Power

HP	W	kW
1	746	0.746

Temperature

$$C = \frac{5}{9}(F - 32)$$

Where,

C is Temperature in °C

F is Temperature in °F

Part 4 6.25~30RT (GEN II)

1. Model line up

1.1 Cooling Only

Nominal Capacity	Model		Power Supply
Ton	Refrigerant	Model Name	Ø, V, Hz
6.25	R22	LK-C075BC**	3Ø, 220V, 60Hz
		LK-C0759C**	3Ø, 380V, 60Hz
7.5		LK-C090BC00	3Ø, 220V, 60Hz
		LK-C0909C00	3Ø, 380V, 60Hz
8.5		LK-C102BC**	3Ø, 220V, 60Hz
		LK-C1029C**	3Ø, 380V, 60Hz
10		LK-C120BC00	3Ø, 220V, 60Hz
		LK-C1209C00	3Ø, 380V, 60Hz
12.5		LK-C150BC**	3Ø, 220V, 60Hz
		LK-C1509C**	3Ø, 380V, 60Hz
15		LK-C180BC00	3Ø, 220V, 60Hz
		LK-C1809C00	3Ø, 380V, 60Hz
		LK-C180DC00	3Ø, 460V, 60Hz
17.5		LK-C210BC00	3Ø, 220V, 60Hz
		LK-C2109C00	3Ø, 380V, 60Hz
20		LK-C240BC00	3Ø, 220V, 60Hz
		LK-C2409C00(1)	3Ø, 380V, 60Hz
		LK-C240DC00	3Ø, 460V, 60Hz
25		LK-C300BC00	3Ø, 220V, 60Hz
		LK-C3009C00	3Ø, 380V, 60Hz
		LK-C300DC00	3Ø, 460V, 60Hz
30		LK-C360BH00	3Ø, 220V, 60Hz
		LK-C3609H00	3Ø, 380V, 60Hz

2. Nomenclature

L	K	-	C	0	9	0	B	C	0	0
1	2	3	4	5	6	7	8	9	10	11

<table>
<tr><th>CODE</th><th>Classification</th><th>Character</th><th>Inscription Method</th></tr>
<tr><td>1</td><td>Manufacturing Place & Refrigerant Combination</td><td>Spelling (English)</td><td>• L: R22 & made in Changwon</td></tr>
<tr><td>2</td><td>Product Type</td><td>Spelling (English)</td><td>• K: Single Packaged Type(Roof top)</td></tr>
<tr><td>3</td><td>Indoor/Outdoor</td><td>Spelling (English)</td><td>• -: Set or Single</td></tr>
<tr><td>4</td><td>Cooling only Heat pump Inverter</td><td>Spelling (English)</td><td>• C: Cooling Only</td></tr>
<tr><td>5, 6, 7</td><td>Cooling Capacitor</td><td>Number</td><td>• Cooling Capacitor (3~5RT: Net Cooling Capa.
6~30RT: Gross Cooling Capa.)
EX) 36,000 Btu ➔ '036' 120,000 Btu ➔ '120'</td></tr>
<tr><td>8</td><td>Power Configuration</td><td>Number & Spelling</td><td>• 9: 380/60/3 • 2: 220/60/1
• B: 220/60/3 • D: 440~460/60/3</td></tr>
<tr><td>9</td><td>Air Flow Type</td><td>Spelling (English)</td><td>• For Single Packaged(Base on outdoor air discharge)
C: Convertible, H: Horizontal</td></tr>
<tr><td>10</td><td>SEER Grade</td><td>Number & Spelling</td><td><table><tr><td>Type \ SEER</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td>MICOM Control</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>Mechanical Cont.</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr></table>In Case of Light Commercial & Commercial Unit, mark 0</td></tr>
<tr><td>11</td><td>Development Sequence</td><td>Number & Spelling</td><td>• Development Sequence</td></tr>
</table>

3. Features & Benefits

Cooling & Fan Operation :

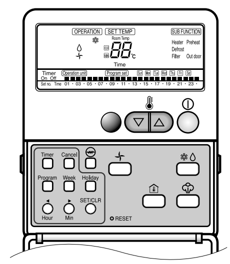
- LG air conditioners can provide cooling & fan operation. In the cooling mode, it cools the air with an operation range of 18~30°C. In the fan operation mode, only indoor fan at the selected speed will run, outdoor fan and compressor will be off.

Auto Restart Operation :

- Whenever there is electricity failure to the unit and after resumption of the power, unit will start in the same mode prior to the power failure. Memorized condition are on/off condition, operating mode (cooling/heating), set temperature and fan speed.

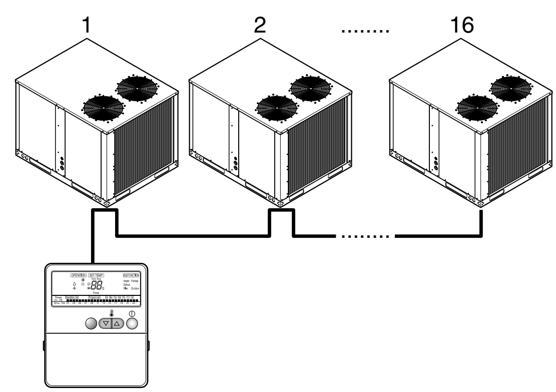
LCD Wired Remote Control:

- It can control all the functions of the unit. You can check/set temperature, change operation mode, set timer & also diagnose the error of the unit. It also has the option of weekly program.



Two Thermistor Control (Return Air Control):(Accessory)

- There may be a significant difference between the return air temperature in the duct and the room temperature. Return air sensing tempeaturee is designed to control temperature more accurately by applying additional thermistor which senses the return air temperature inside the duct specially.
  After selecting the duct thermistor, which is connected to the main PCB, the room temperature measurement by LCD wired remote control thermistor is neglected. It helps to control the room temperature more accurately.(Thermistor is a field-installed accessory)

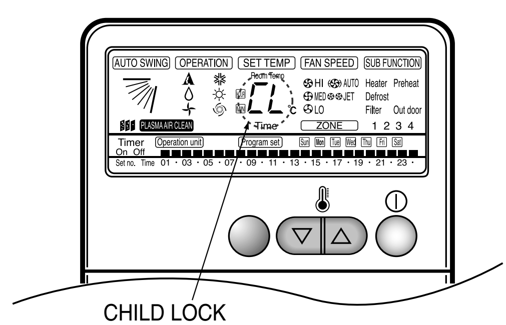


Group Control:

- It enables to control up to 16 units with the help of one wired Remote Controller. All units will follow same setting of temperature & other sub functions.

Child Lock Function :

- It prevents the children or others from tampering with the control buttons. Unit can be controlled by the wireless remote controller. This can be easily set by pressing timer key & Min key simultaneously. After child lock is set, pressing any key will display CL on the LCD for 3 seconds and all the keys are ineffective.

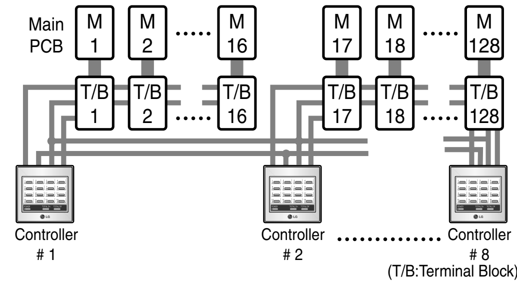


Self Diagnosis Function :

- This function provides diagnosis of the unit. An error code will be displayed on the LCD wired remote controller & diagnosis can be done as per the code indication. The same is also printed on key cover of the LCD wired remote controller.

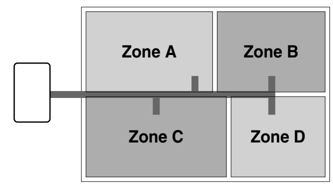
Central Control :(Accessory)

- It enables to control 16 x 8=128 units with the help of 8 controllers. All units can be put on/off from one central room. For setting temperature, fan speed and other sub functions, access the, respective LCD wired remote controller of each unit.



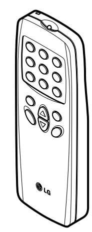
Zone Control :(Accessory)

- It controls the temperature of each zone. Opening or closing of the damper is controlled by sensing the temperature of each zone. In the cooling mode, if the temperature of a particular zone is lower than set temperature then the damper is closed. On the other hand if the temperature of a particular zone is higher then the set temperature damper is open to provide cooling to the zone.



Wireless Remote Control:(Accessory)

- It provides ease of control.



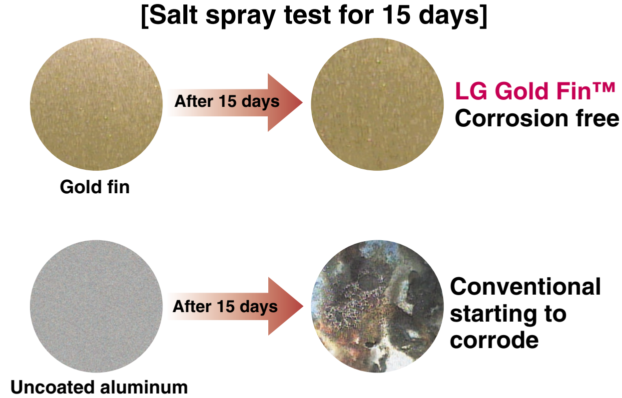
Weekly Program :

- It provides on/off schedule of operation for a period of one week.

Electric Heater :(Accessory)

- Electric Heater can be used to provide heat in addition to cycle heat. It also provides quick heating. It can also work as a stand alone heater with only fan operation.

[Salt spray test for 15 days]



Fire Alarm Function :

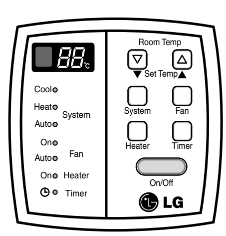
- By purchasing a fire alarm locally, installation of the fire alarm is possible. In case of any fire, alarm will sound and the unit will be completely stopped.

Energy Saving Gold Fin :(Optional)

- Single Package Heat Exchanger fins are coated with anticorrosive & hydrophilic layers. It prevents the corrosion of heat exchanger. Fins remain as new even after long time of operation and maintains efficiency of heat exchanger constant. It also saves power & maintenance Cost.

Electronic Thermostat :(Accessory)

- It provides on/off timer up to 24 hours. Also self-diagnose the problem.



4. List of functions

Model No. / Features	LK-C075*C**	LK-C102*C**	LK-C150*C**
Cooling & Fan Operation	O	O	O
Auto Restart Operation	O	O	O
LCD Wired Remote Control	O	O	O
Two Thermistor Control	Accessory	Accessory	Accessory
Group Control	O	O	O
Child Lock Function	O	O	O
Self Diagnosis Function	O	O	O
Central Control	Accessory	Accessory	Accessory
Zone Control	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory
Wireless Remote Control	Accessory	Accessory	Accessory
Weekly Program	O	O	O
Electric Heater	Accessory	Accessory	Accessory
Fire Alarm Interlocking	O	O	O
Energy Saving Gold Fin	Optional	Optional	Optional
Anti Fungus Filter	O	O	O
High Pressure Switch	O	O	O
Low Pressure Switch	O	O	O
Phase Failure Protector	O	O	O
Phase Reverse Protector	O	O	O

Model No. / Features	LK-C090B(9)C00	LK-C120B(9)C00	LK-C180B(D/9)C00	LK-C210B(9)C00
Cooling & Fan Operation	O	O	O	O
Auto Restart Operation	O	O	O	O
LCD Wired Remote Controller	O	O	O	O
Two Thermistor Control	Accessory	Accessory	Accessory	Accessory
Group Control	O	O	O	O
Child Lock Function	O	O	O	O
Self Diagnosis Function	O	O	O	O
Central Control	Accessory	Accessory	Accessory	Accessory
Zone Control	Accessory	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory	Accessory	Accessory
Weekly Program	O	O	O	O
Electric Heater	Accessory	Accessory	Accessory	Accessory
Fire Alarm Interlocking	O	O	O	O
Energy Saving Gold Fin	Optional	Optional	Optional	Optional
Anti Fungus Filter	O	O	O	O
High Pressure Switch	O	O	O	O
Low Pressure Switch	O	O	O	O
Phase Failure Protector	O	O	O	O
Phase Reverse Protector	O	O	O	O

Notes:
- O: Basic
- Optional: Factory-installed
- Accessory: Field-installed
- - : Not available on this system

Features \ Model No.	LK-C240B(D/9)C00 LK-C2409C01	LK-C300B(D/9)C00	LK-C360B(9)H00
Cooling & Fan Operation	O	O	O
Auto Restart Operation	O	O	O
LCD Wired Remote Controller	O	O	O
Two Thermistor Control	Accessory	Accessory	Accessory
Group Control	O	O	O
Child Lock Function	O	O	O
Self Diagnosis Function	O	O	O
Central Control	Accessory	Accessory	Accessory
Zone Control	Accessory	Accessory	Accessory
Electronic Thermostat	Accessory	Accessory	Accessory
Wireless Remote Controller	Accessory	Accessory	Accessory
Weekly Program	O	O	O
Electric Heater	Accessory	Accessory	Accessory
Fire Alarm Interlocking	O	O	O
Energy Saving Gold Fin	Optional	Optional	Optional
Anti Fungus Filter	O	O	O
High Pressure Switch	O	O	O
Low Pressure Switch	O	O	O
Phase Failure Protector	O	O	O
Phase Reverse Protector	O	O	O

Notes:
- O: Basic
- Optional: Factory-installed
- Accessory: Field-installed
- - : Not available on this system

5. Specifications

	Nominal ton	(Ton)	6.25	6.25	7.5	7.5
Models			LK-C075BC**	LK-C0759C**	LK-C090BC00	LK-C0909C00
Capacity	Gross	Btu/hr	75,000	75,000	94,000	94,000
		W	21,975	21,975	27,549	27,549
		kcal/hr	18,900	18,900	23,688	23,688
	Net	Btu/hr	72,000	72,000	90,000	90,000
		W	21,101	21,101	26,376	26,376
		kcal/hr	18,145	18,145	22,680	22,680
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	380, 3, 60	220, 3, 60	380, 3, 60
	M.C.A(with standard motor)	Amps	35.2	22.9	54.5	28.4
	Power Input	W	7,650	7,650	10,000	10,000
Performance	Air Circulation	CFM	2,500	2,500	3,000	3,000
	EER	Btu/hr W	9.4	9.4	9	9
	Sound Rating	Bell	8.5	8.5	8.5	8.5
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	33.5	33.5	33.5	33.5
		mm	850	850	850	850
	Face Area	sq.ft	8.83	8.83	8.83	8.83
		m^2	0.82	0.82	0.82	0.82
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	13 (13)	13 (13)	13 (13)	13 (13)
	Drive Type/Motor Step		Direct/1	Direct/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.0
	Motor rpm(Standard/oversized)	rpm	1130	1130	840	840
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	2	2
	Model		SR071R	SR071U	SR049R	SR049U
	Maker		LG	LG	LG	LG
	Capacity	kcal/hr(Btu/hr)	17,892(71,000)	17,892(71,000)	12,474(49,500)	12,474(49,500)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	6,455	6,455	4,626	4,626
	Oil Type		SUNISO 3GS	SUNISO 3GS	4GSI	4GSI
	Oil Charge	cc	1,800	1,800	1,800	1,800
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	1/4	1/4
		mm	9.52	9.52	7	7
	Row/FPI		2R/16FPI	2R/16FPI	3R/17FPI	3R/17FPI
	Length	inch	54	54	54	54
		mm	1,375	1,375	1,375	1,375
	Face Area	sq.ft	14.3	14.3	14.3	14.3
		m^2	1.33	1.33	1.33	1.33
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/18	2EA/18	2EA/18	2EA/18
	Drive Type		Direct	Direct	Direct	Direct
	CFM		4,600	4,600	3,900	3,900
	No. Motor/Motor output(Hp)		2/0.4	2/0.4	2/0.4	2/0.4
	Motor RPM		1130	1130	1130	1130
Dehumidification Rate		l/h	6.8	6.8	7.5	7.5
Drain Connection Size(in.)			3/4	3/4	3/4	3/4
Refrigerant	Refrigerant Charge	kg	4.6	4.6	2.4/circuit	2.4/circuit
		lbs	10.1	10.1	5.3/circuit	5.3/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	64 3/16*42*43 11/16	64 3/16*42*43 11/16	64 3/16*42*43 11/16	64 3/16*42*43 11/16
		mm	1630*1067*1109	1630*1067*1109	1630*1067*1109	1630*1067*1109
Net Weight		kg	280	280	290	290
		lbs	617	617	639	639
Filter	Size /No Used	mm	728*330	728*330	728*330	728*330
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		1 inch	1 inch	1 inch	1 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	14/28/28	14/28/28	14/28/28	14/28/28

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
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Nominal ton		(Ton)	8.5	8.5	10	10
Models			LK-C102BC**	LK-C1029C**	LK-C120BC00	LK-C1209C00
Capacity	Gross	Btu/hr	107,000	107,000	125,900	125,900
		W	31,351	31,351	36,897	36,897
		kcal/hr	26,964	26,964	31,726	31,726
	Net	Btu/hr	102,000	102,000	118,000	118,000
		W	29,893	29,893	34,582	34,582
		kcal/hr	25,706	25,706	29,738	29,738
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	380, 3, 60	220, 3, 60	380, 3, 60
	M.C.A(with standard motor)	Amps	56.9	31.4	59.7	39.7
	Power Input	W	11,090	11,090	13,300	13,300
Performance	Air Circulation	CFM	3,400	3,400	4,000	4,000
	EER	Btu/hr W	9.2	9.2	8.9	8.9
	Sound Rating	Bell	8.5	8.5	8.5	8.5
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	27 9/16	27 9/16	27 9/16	27 9/16
		mm	700	700	700	700
	Face Area	sq.ft	8.4	8.4	8.4	8.4
		m^2	0.78	0.78	0.78	0.78
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	15 (11)	15(11)	15(11)	15(11)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	3.0 / NA	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0
	Motor rpm(Standard/oversized)	rpm	1730/1750	1730/1750	1730/1750	1730/1750
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2
	Model		SR049R	SR049U	SR061R	SR061U
	Maker		LG	LG	LG	LG
	Capacity	kcal/hr(Btu/hr)	12.373(49,100)	12,474(49,500)	15,500(61,500)	15,500(61,500)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	4,465	4,465	5,490	5,590
	Oil Type		SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI
	Oil Charge	cc	1,800	1,800	1800	1800
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		2R/16FPI	2R/16FPI	2R/16FPI	2R/16FPI
	Length	inch	39 3/8	39 3/8	39 3/8	39 3/8
		mm	1,000	1,000	1,000	1,000
	Face Area	sq.ft	17.55	17.55	17.5	17.5
		m^2	1.63	1.63	1.63	1.63
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/22	2EA/22	2EA/22	2EA/22
	Drive Type		Direct	Direct	Direct	Direct
	CFM		7,000	7,000	7,000	7,000
	No. Motor/Motor output(Hp)		2/0.4	2/0.4	2/0.4	2/0.4
	Motor RPM		1050	1050	1,130	1,130
Dehumidification Rate		l/h	9.3	9.3	11	11
Drain Connection Size(in.)			1	1	1	1
Refrigerant	Refrigerant Charge	kg	2.9/circuit	2.9/circuit	2.9/circuit	2.9/circuit
		lbs	6.4/circuit	6.4/circuit	6.4/circuit	6.4/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	85 7/16 * 48 5/16 * 54 13/16	85 7/16 * 48 5/16 * 54 13/16	85 7/16 * 48 5/16 * 54 13/16	85 7/16 * 48 5/16 * 54 13/16
		mm	2170*1227*1392	2170*1227*1392	2170*1227*1392	2170*1227*1392
Net Weight		kg	430	430	430	430
		lbs	948	948	948	948
Filter	Size /No Used	mm	925 * 418 /2EA	925*418*1EA	925*418*1EA	925*418*1EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch	1,2 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	8/16/16	8/16/16	8/16/16	8/16/16

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
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	Nominal ton	(Ton)	12.5	12.5	15	15
Models			LK-C150BC**	LK-C1509C**	LK-C180BC00	LK-C1809C00
Capacity	Gross	Btu/hr	151,000	151,000	191,000	191,000
		W	44,243	44,243	55,970	55,970
		kcal/hr	38,052	38,052	48,130	48,130
	Net	Btu/hr	142,000	142,000	180,000	180,000
		W	41,616	41,616	52,750	52,750
		kcal/hr	35,786	35,786	45,360	45,360
Electrical Data	Power Supply	V,PH,Hz	220, 3, 60	380, 3, 60	220, 3, 60	380, 3, 60
	M.C.A(with standard motor)	Amps	62.4	42.4	89.0	60
	Power Input	W	16,500	16,500	20,000	20,000
Performance	Air Circulation	CFM	5,000	5,000	6,000	6,000
	EER	Btu/hr W	8.6	8.6	9	9
	Sound Rating	Bell	9.2	9.2	9.2	9.2
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	35 7/16	35 7/16	39 3/8	39 3/8
		mm	900	900	1,000	1,000
	Face Area	sq.ft	10.8	10.8	12	12
		m^2	1	1	1.12	1.12
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	15 (15)	15 (15)	15 (15)	15 (15)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	3.0 / 5.0	3.0 / 5.0	4.0 / 5.0	4.0 / 5.0
	Motor rpm(Standard/oversized)	rpm	1730/3500	1730/3500	1730/3500	1730/3500
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	3	3
	Model		SR071R	SR071U	SR061R	SR061U
	Maker		LG	LG	LG	LG
	Capacity	kcal/hr(Btu/hr)	17,892(71,000)	17,892(71,000)	15,500(61,500)	15,500(61,500)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	6,455	6,455	5,490	5,590
	Oil Type		SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI
	Oil Charge	cc	1800	1,800	1,800	1,800
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	1/4	1/4
		mm	9.52	9.52	7	7
	Row/FPI		2R/16FPI	2R/16FPI	3R/18FPI, 2R/18FPI	2R/18FPI
	Length	inch	43 15/16	43 15/16	51 3/16	51 3/16
		mm	1,100	1,100	1,300	1,300
	Face Area	sq.ft	19.3	19.3	27.62	27.62
		m^2	1.8	1.8	2.57	2.57
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/22	2EA/22	2EA/23.6	2EA/23.6
	Drive Type		Direct	Direct	Direct	Direct
	CFM		7,000	7,000	10,800	10,800
	No. Motor/Motor output(Hp)		2/0.4	2/0.4	2/0.5	2/0.5
	Motor RPM		1,130	1,130	1,050	1,050
Dehumidification Rate		l/h	13.5	13.5	16.5	16.5
Drain Connection Size(in.)			3/4	3/4	1	1
Refrigerant	Refrigerant Charge	kg	3.9/circuit	3.9/circuit	4.25/A-circuit, 2.85/B-circuit	4.25/A-circuit, 2.85/B-circuit
		lbs	8.6/circuit	8.6/circuit	9.37/A-circuit, 6.28/B-circuit	9.37/A-circuit, 6.28/B-circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	85 7/16 * 48 5/16* 54 13/16	85 7/16 * 48 5/16* 54 13/16	87 13/16*49*60 10/16	87 13/16*49*60 10/16
		mm	2170*1227*1392	2170*1227*1392	2230*1244*1540	2230*1244*1540
Net Weight		kg	440	440	550	550
		lbs	970	970	1,213	1,213
Filter	Size /No Used	mm	925 * 418 /1EA	925 * 418 /1EA	973*480 /1EA	973*480 /1EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch	1,2 inch	1,2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	8/16/16	8/16/16	3/7/14	3/7/14

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
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	Nominal ton	(Ton)	15	17.5	17.5	20
Models			LK-C180DC00	LK-C210BC00	LK-C2109C00	LK-C240BC00
Capacity	Gross	Btu/hr	191,000	208,000	208,000	256,000
		W	55,970	60,944	60,944	79,110
		kcal/hr	48,130	52,416	52,416	68,040
	Net	Btu/hr	180,000	192,000	192,000	240,000
		W	52,750	56,269	56,269	70,337
		kcal/hr	45,360	48,387	48,387	60,479
Electrical Data	Power Supply	V,PH,Hz	460, 3, 60	220, 3, 60	380, 3, 60	220, 3, 60
	M.C.A(with standard motor)	Amps	43.3	95	64.3	114.7
	Power Input	W	20,000	22,800	22,800	25,000
Performance	Air Circulation	CFM	6,000	7,000	7,000	8,000
	EER	Btu/hr W	9	8.5	8.5	9.6
	Sound Rating	Bell	9.2	9.2	9.2	9.2
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	2R/16FPI
	Length	inch	39 3/8	39 3/8	39 3/8	39 3/8
		mm	1,000	1,000	1,000	1,000
	Face Area	sq.ft	12	12	12	14.2
		m^2	1.12	1.12	1.12	1.32
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	15 (15)	15 (15)	15 (15)	18 (18)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	4.0 / 5.0	5.0 / 7.5	5.0 / 7.5	5.0 / 7.5
	Motor rpm(Standard/oversized)	rpm	1730/3500	1750/3500	1750/3500	3500/3510
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		3	3	3	4
	Model		SR061S	SR071R	SR071U	SR061R
	Maker		LG	LG	LG	LG
	Capacity	kcal/hr(Btu/hr)	15,500(61,500)	17,892(71,000)	17,892(71,000)	15,500(61,500)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	5,490	6,455	6,455	5,490
	Oil Type		SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI
	Oil Charge	cc	1,800	1,800	1,800	1,800
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	1/4	1/4	1/4	1/4
		mm	7	7	7	7
	Row/FPI		2R/18FPI	2R/18FPI	3R/18FPI, 2R/18FPI	2R/18FPI
	Length	inch	51 3/16	51 3/16	51 3/16	78 4/16
		mm	1,300	1,300	1,300	2,000
	Face Area	sq.ft	27.62	27.62	27.62	41.6
		m^2	2.57	2.57	2.57	3.86
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		2EA/23.6	2EA/23.6	2EA/23.6	4EA/22
	Drive Type		Direct	Direct	Direct	Direct
	CFM		10,800	10,800	10,800	14,800
	No. Motor/Motor output(Hp)		2/0.5	4/0.4	4/0.4	4/0.4
	Motor RPM		1,050	1,050	1,050	1,050
Dehumidification Rate		l/h	16.5	20	20	22.8
Drain Connection Size(in.)			1	1	1	1
Refrigerant	Refrigerant Charge	kg	4.25/A-circuit, 2.85/B-circuit	3.4/A-circuit, 3.1/B-circuit	3.4/A-circuit, 3.1/B-circuit	4.6/circuit
		lbs	9.37/A-circuit, 6.28/B-circuit	7.5/A-circuit, 6.8/B-circuit	7.5/A-circuit, 6.8/B-circuit	10.1/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	87 13/16*49*60 10/16	87 13/16*49*60 10/16	87 13/16*49*60 10/16	114 2/16*49 3/16*86 10/16
		mm	2230*1244*1540	2230*1244*1540	2230*1244*1540	2898*1250*2200
Net Weight		kg	550	600	600	820
		lbs	1,213	1,323	1,323	1,874
Filter	Size /No Used	mm	973*480 /1EA	973*480 /1EA	973*480 /1EA	510*625 /2EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		1,2 inch	1,2 inch	1,2 inch	2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	3/7/14	3/7/14	3/7/14	2/4/8

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
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Nominal ton		(Ton)	20	20	20	25
Models			LK-C2409C00	LK-C2409C01	LK-C240DC00	LK-C300BC00
Capacity	Gross	Btu/hr	256,000	256,000	256,000	295,000
		W	79,110	79,110	79,110	86,456
		kcal/hr	68,040	68,040	68,040	74,338
	Net	Btu/hr	240,000	240,000	240,000	277,000
		W	70,337	70,337	70,337	81,180
		kcal/hr	60,479	60,479	60,479	69,800
Electrical Data	Power Supply	V,PH,Hz	380, 3, 60	380, 3, 60	460, 3, 60	220, 3, 60
	M.C.A(with standard motor)	Amps	63	76.4	56.5	130.6
	Power Input	W	24,000	25,000	25,000	29,700
Performance	Air Circulation	CFM	8,000	8,000	8,000	10,000
	EER	Btu/hr W	10.0	9.6	9.6	9.3
	Sound Rating	Bell	9.2	9.2	9.2	9.2
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	2R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	39.4	39 3/8	39.4	49 1/5
		mm	1,000	1,000	1000	1320
	Face Area	sq.ft	14.22	14.2	14.22	18.8
		m^2	1.32	1.32	1.32	1.7
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	1EA	1EA
	Diameter(Width)	inch	18 (18)	18 (18)	18 (18)	18 (18)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	5.0 / 7.5	5.0 / 7.5	5/7.5	7.5 / N.A
	Motor rpm(Standard/oversized)	rpm	3530/3500	3500/3510	3530/3500	3510/N.A
Compressor	Type		Reciprocating	Scroll	Scroll	Scroll
	Quantity		2	4	4	4
	Model		H25G124DBDE	SR061U	SR061S	SR071R
	Maker		Bristol	LG	LG	LG
	Capacity	kcal/hr(Btu/hr)	24,780(98,333)	15,500(61,500)	15,498(61,500)	17,892(71,000)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	9,190	5,590	5,490	6,455
	Oil Type		ZEROL 150W/3% SYN-O-AD	SUNISO 4GSI	SUNISO 4GSI	SUNISO 4GSI
	Oil Charge	cc	2,842	1,800	1,800	1,800
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	1/4	1/4	1/4
		mm	9.52	7	7	7
	Row/FPI		2R/16FPI	2R/18FPI	2R/18FPI	3R/18FPI
	Length	inch	74.8	78 4/16	78 4/16	78 12/16
		mm	1,900	2,000	2,000	2,000
	Face Area	sq.ft	33.26	41.6	41.6	41.6
		m^2	3.09	3.86	3.86	3.86
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		4EA/22	4EA/22	4EA/22	4EA/23.6
	Drive Type		Direct	Direct	Direct	Direct
	CFM		12,500	14,800	12,500	16,700
	No. Motor/Motor output(Hp)		4/0.4	4/0.4	4/0.4	4/0.5
	Motor RPM		1,050	1,050	1050	1050
Dehumidification Rate		l/h	22.8	22.8	22.8	28.6
Drain Connection Size(in.)			1	1	1	1
Refrigerant	Refrigerant Charge	kg	4.8/circuit	4.6/circuit	4.6/circuit	6.1/circuit
		lbs	10.6/circuit	10.1/circuit	10.1/circuit	13.4/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	114 2/16*49 3/16*86 10/16	114 2/16*49 3/16*86 10/16	114 2/16*49 3/16*86 10/16	114 2/16*49 3/16*86 10/16
		mm	2898*1250*2200	2898*1250*2200	2898*1250*2200	2898*1250*2200
Net Weight		kg	850	850	850	870
		lbs	1,874	1,874	1874	1918
Filter	Size /No Used	mm	510*625/2EA	510*625/2EA	510*625/2EA	510*625/2EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		2 inch	2 inch	2 inch	2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	2/4/8	2/4/8	2/4/8	2/4/8

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

	Nominal ton	(Ton)	25	25	30	30
Models			LK-C3009C00	LK-C300DC00	LK-C360BH00	LK-C3609H00
Capacity	Gross	Btu/hr	295,000	295,000	365,000	365,000
		W	86,456	86,456	112,160	112,160
		kcal/hr	74,338	74,338	96,466	96,466
	Net	Btu/hr	277,000	277,000	340,000	340,000
		W	81,180	81,180	102,500	102,500
		kcal/hr	69,800	69,800	88,134	88,134
Electrical Data	Power Supply	V,PH,Hz	380, 3, 60	460, 3, 60	220, 3, 60	380, 3, 60
	M.C.A(with standard motor)	Amps	89.6	71.5	152.7	89.8
	Power Input	W	29,700	29,700	34,500	34,500
Performance	Air Circulation	CFM	10,000	10,000	12,000	12,000
	EER	Btu/hr W	9.3	9.3	9.9	9.9
	Sound Rating	Bell	9.5	9.5	10.5	10.5
Indoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	3/8	3/8	3/8	3/8
		mm	9.52	9.52	9.52	9.52
	Row/FPI		3R/16FPI	3R/16FPI	3R/16FPI	3R/16FPI
	Length	inch	49 1/5	49 1/5	70 2/7	70 2/7
		mm	1320	1320	1785	1785
	Face Area	sq.ft	18.8	18.8	23.43	23.43
		m^2	1.7	1.7	2.18	2.18
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	No. Used		1EA	1EA	2EA	2EA
	Diameter(Width)	inch	18(18)	18(18)	15(15)	15(15)
	Drive Type/Motor Step		Belt/1	Belt/1	Belt/1	Belt/1
	No.motors		1EA	1EA	1EA	1EA
	Motor output(standard/oversized)	Hp	7.5 / N.A	7.5 / N.A	10 / N.A	10 / N.A
	Motor rpm(Standard/oversized)	rpm	2880/N.A	2880/N.A	2880/N.A	2880/N.A
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		4	4	2	2
	Model		SR071U	SR073S	SM161T3VA	SM161T9VA
	Maker		LG	LG	Danfoss	Danfoss
	Capacity	kcal/hr(Btu/hr)	17,892(71,000)	17,640(70,000)	40,899(162,300)	40,899(162,300)
	Motor Type		3 Ø induction	3 Ø induction	3 Ø induction	3 Ø induction
	Motor Input	W	6,455	6,542	14,090	14,090
	Oil Type		SUNISO 4GSI	SUNISO 4GSI	Mineral oil 160P	Mineral oil 160P
	Oil Charge	cc	1,800	1,800	3,300	3,300
Outdoor Coil	Type		High efficiency	High efficiency	High efficiency	High efficiency
	Tube size(O.D)	inch	1/4	1/4	3/8	3/8
		mm	7	7	9.52	9.52
	Row/FPI		3R/18FPI	3R/18FPI	3R/16FPI	3R/16FPI
	Length	inch	78 12/16	78 12/16	74.8	74.8
		mm	2,000	2,000	1,900	1,900
	Face Area	sq.ft	41.6	41.6	50.0	50.0
		m^2	3.86	3.86	4.6	4.6
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	No. Used/Diameter(in.)		4EA/23.6	4EA/23.6	4EA/23.6	4EA/23.6
	Drive Type		Direct	Direct	Direct	Direct
	CFM		16,700	16,700	16,700	16,700
	No. Motor/Motor output(Hp)		4/0.5	4/0.5	4/0.5	4/0.5
	Motor RPM		1050	1050	1050	1050
Dehumidification Rate		l/h	28.6	28.6	34.3	34.3
Drain Connection Size(in.)			1	1	1	1
Refrigerant	Refrigerant Charge	kg	6.1/circuit	6.1/circuit	9.0/circuit	9.0/circuit
		lbs	13.4/circuit	13.4/circuit	19.8/circuit	19.8/circuit
		Type	R-22	R-22	R-22	R-22
	Refrigerant Control		Capillary Tube	Capillary Tube	Capillary Tube	Capillary Tube
Dimensions(W*H*D)		inch	114 2/16*49 3/16*86 10/16	114 2/16*49 3/16*86 10/16	105 14/16*67 11/16*86 10/16	105 14/16*67 11/16*86 10/16
		mm	2898*1250*2200	2898*1250*2200	2689*1720*2200	2689*1720*2200
Net Weight		kg	870	870	1,070	1,070
		lbs	1,918	1,918	2,359	2,359
Filter	Size /No Used	mm	510*625/2EA	510*625/2EA	1075*910/2EA	1075*910/2EA
	Size /No Used	mm	-	-	-	-
	Filter Rack Thickness		2 inch	2 inch	2 inch	2 inch
Stuffing Quantity	Without S/Parts	(20ft/40ft/40ft HI)	2/4/8	2/4/8	2/4/4	2/4/4

Notes: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB
- Outdoor Temperature 35°C(95°F) DB

2. Capacities are Net Capacities.
3. Nominal CFM : Fan operation mode with clean filter, dry coil.
4. Due to our policy of innovation some specifications may be changed without notification.

6. Dimensions

Model No.: LK-C090B(9)C00

Unit Dimensions(Figure 1B)

Unit : Inch(mm)

UNITS	6.25RT / 7.5RT
A	42(1,067)
B	43 11/16(1,109)
C	64 3/16(1,630)
D	42 9/16(1,082)
E	7 5/16(185)
F	2 6/16(60)
G	2 15/16(70)

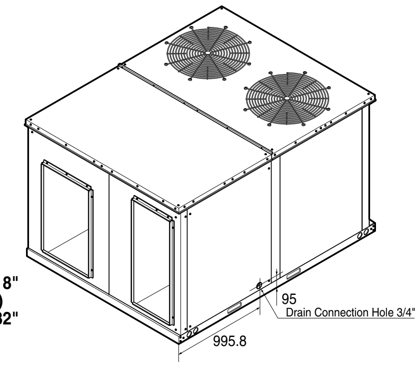


Figure 1A

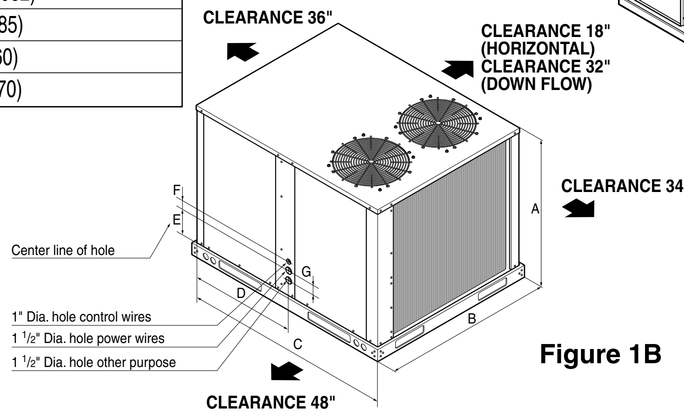


Figure 1B

Horizontal Application Unit(Figure 1C)

Rear view showing duct opening for horizontal air flow.

Unit : Inch(mm)

UNITS	6.25RT / 7.5RT
A	14 13/16(377)
B	9 4/16(235)
C	10 15/16(278)
D	2 7/16(62)
E	9 6/16(136)
F	22 9/16(700)
G	18 8/16(470)

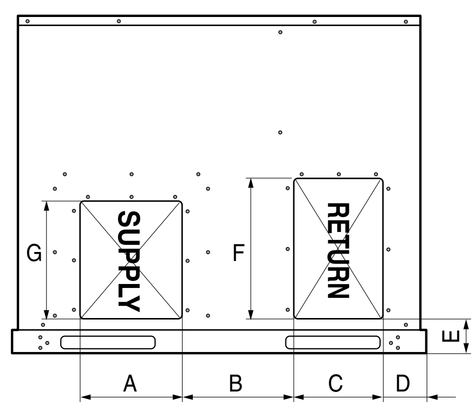


Figure 1C

Down flow application unit (Figure 1D)

Unit : Inch(mm)

UNITS	6.25RT / 7.5RT
A	27 9/16(700)
B	18 8/16(470)

Top view

Unit : Inch(mm)

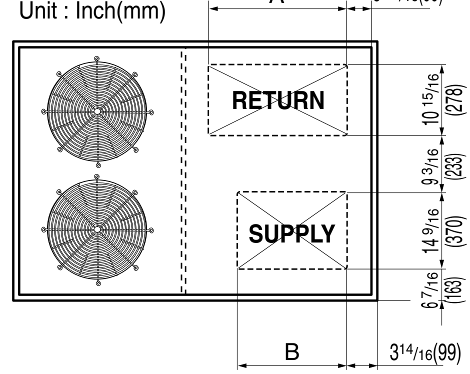


Figure 1D

Model No.: LK-C120B(9)C00/LK-C102*C**/LK-C150*C**

UNIT Dimensions (Figure 2B)

Unit: inch(mm)

UNITS	8.5RT / 10RT / 12.5RT
H	48 5/16 (1227)
I	54 13/16 (1392)
J	85 7/16 (2170)
K	45 1/16 (1144)
L	7 2/16 (181)
M	4 (100)

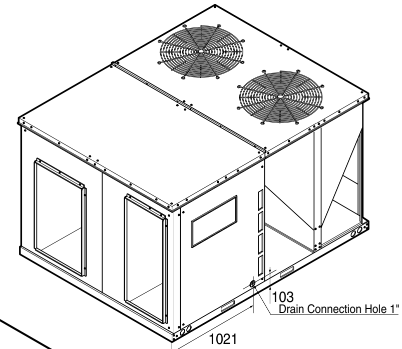


Figure 2A

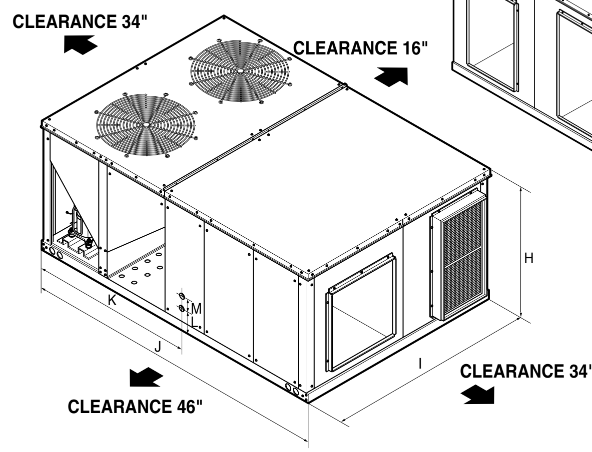


Figure 2B

HORIZONTAL FLOW APPLICATION (Figure 2C)

Unit: inch(mm)

UNITS	8.5RT / 10RT / 12.5RT
A	18 8/16 (470)
B	11 15/16 (303)
C	15 8/16 (393)
D	1 8/16 (38)
E	3 15/16 (100)
F	35 8/16 (902)
G	4 (102)
H	30 10/16 (778)

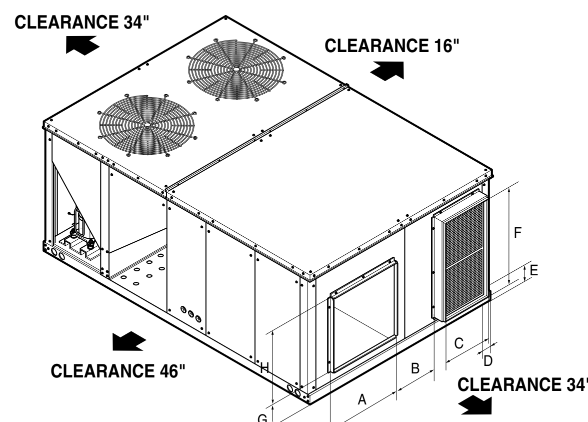
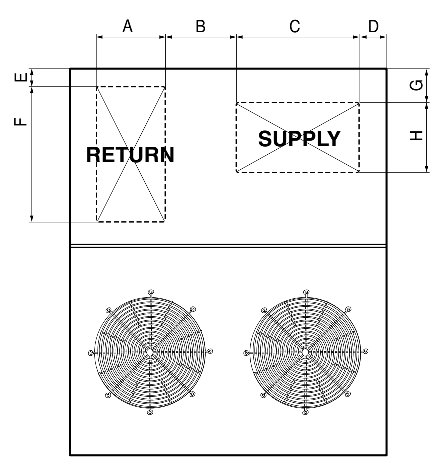


Figure 2C

DOWN FLOW APPLICATION (Figure 2D)

Unit: inch(mm)

UNITS	8.5RT / 10RT / 12.5RT
A	15 6/16 (390)
B	12 8/16 (317)
C	18 10/16 (473)
D	6 4/16 (158)
E	2 11/16 (68)
F	35 7/16 (900)
G	2 11/16 (68)
H	30 11/16 (780)



TOP VIEW

Figure 2D

Model No.: LK-C180B(D/9)C00/LK-C210B(9)C00

UNIT Dimensions (Figure 3A)

Unit: inch(mm)

UNITS	15/17.5RT
A	49 (1244)
B	60 10/16 (1540)
C	87 13/16 (2230)
D	44 3/16 (1123)
E	7 1/16 (180)
F	3 15/16 (100)

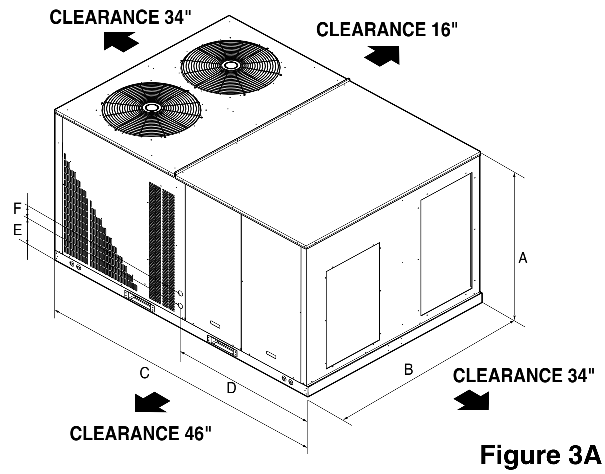


Figure 3A

HORIZONTAL FLOW APPLICATION (Figure 3B)

Unit: inch(mm)

UNITS	15/17.5RT
A	37 6/16 (950)
B	5 11/16 (145)
C	2 11/16 (68)
D	17 15/16 (455)
E	14 6/16 (365)
F	18 12/16 (476)
G	5 2/16 (130)
G	31 3/16 (800)

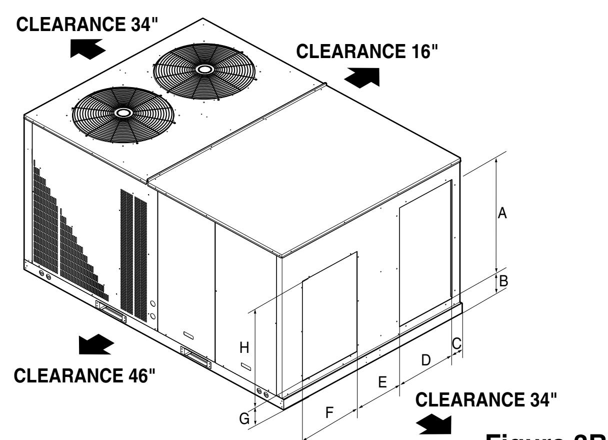


Figure 3B

DOWN FLOW APPLICATION (Figure 3C)

Unit: inch(mm)

UNITS	15/17.5RT
A	7 29/32 (455)
B	14 11/32 (364)
C	18 3/4 (476)
D	6 31/32 (177)
E	3 27/32 (98)
F	37 13/32 (950)
G	3 27/32 (98)
H	31 1/2 (800)

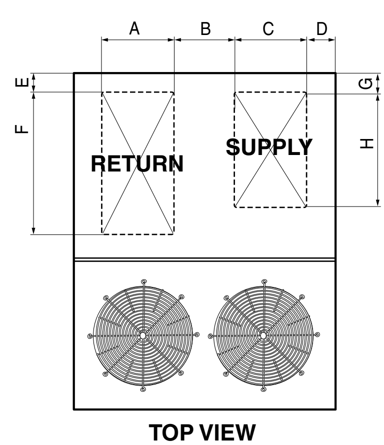


Figure 3C

Model No.: LK-C240B(D/9)C00/LK-C2409C01/LK-C300B(D/9)C00

UNIT Dimensions (Figure 4B)

Unit: inch(mm)

UNITS	20/25 RT
H	49 3/16 (1250)
I	86 10/16 (2200)
J	114 2/16 (2898)
K	7 1/16 (180)
L	49 1/16 (1246)
M	3 2/16 (80)
N	3 2/16 (80)

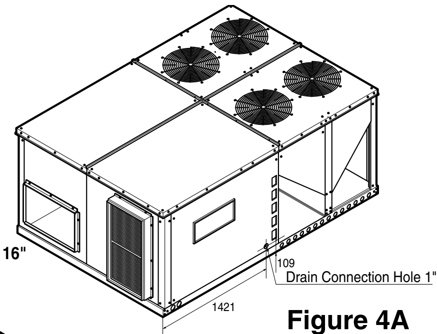


Figure 4A

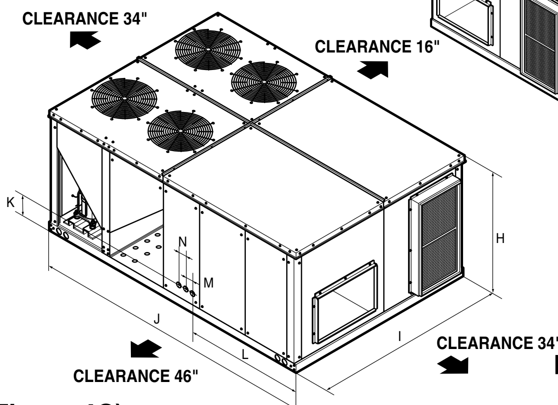


Figure 4B

HORIZONTAL FLOW APPLICATION (Figure 4C)

Unit: inch(mm)

UNITS	20/25 RT
A	34 12/16 (882)
B	17 (432)
C	23 11/16 (602)
D	3 6/16 (86)
E	6 10/16 (168)
F	39 7/16 (1002)
G	5 6/16 (137)
H	25 11/16 (652)

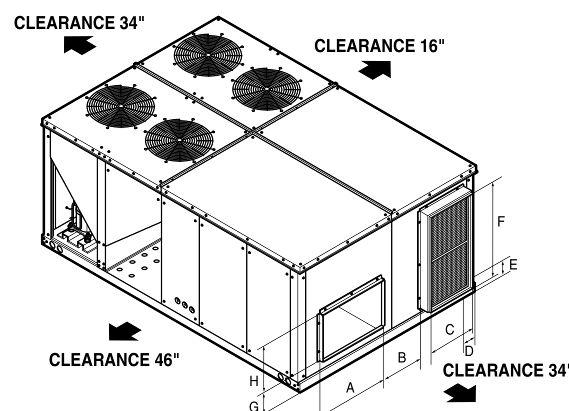


Figure 4C

DOWN FLOW APPLICATION (Figure 4D)

Unit: inch(mm)

UNITS	20/25 RT
A	23 5/8 (600)
B	15 5/8 (396)
C	34 12/16 (882)
D	6 10/16 (168)
E	6 9/16 (167)
F	39 6/16 (1000)
G	6 13/16 (173)
H	25 13/16 (655)

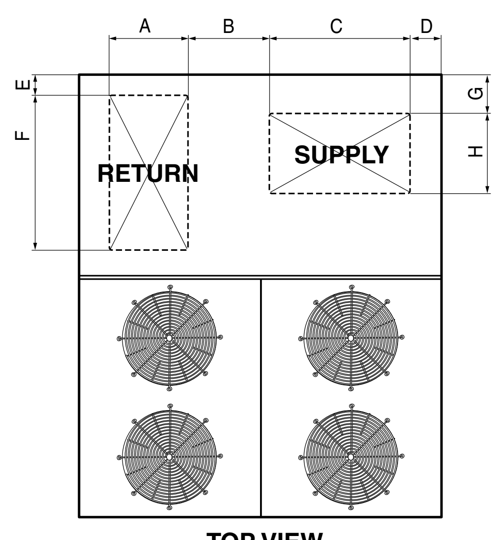


Figure 4D

Model No.: LK-C360B(9)H00

UNIT Dimensions (Figure 5A)

Unit: inch(mm)

UNITS	30RT
A	67 11/16 (1720)
B	86 10/16 (2200)
C	105 13/16 (2688)
D	42 13/16 (1087)
E	36 4/16 (920)
F	31 8/16 (800)
G	26 12/16 (680)

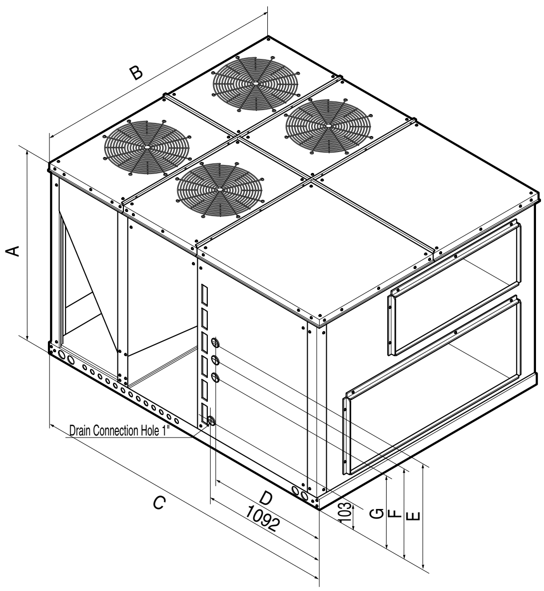


Figure 5A

HORIZONTAL FLOW APPLICATION (Figure 5B)

Unit: inch(mm)

UNITS	30RT
A	49 7/16 (1255)
B	7 10/16 (193)
C	22 1/16 (561)
D	4 6/16 (111)
E	34 13/16 (885)
F	13/16 (21)
G	3 2/16 (80)
H	4 8/16 (115)
I	77 7/16 (1967)

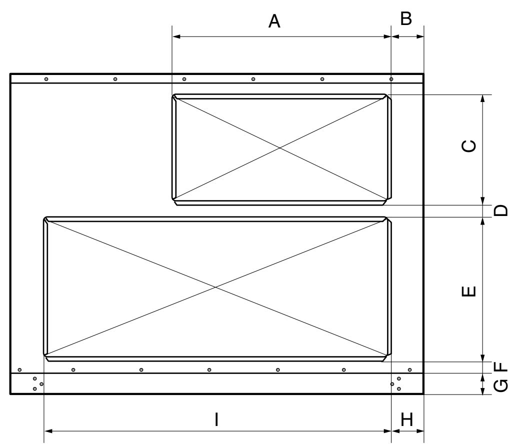


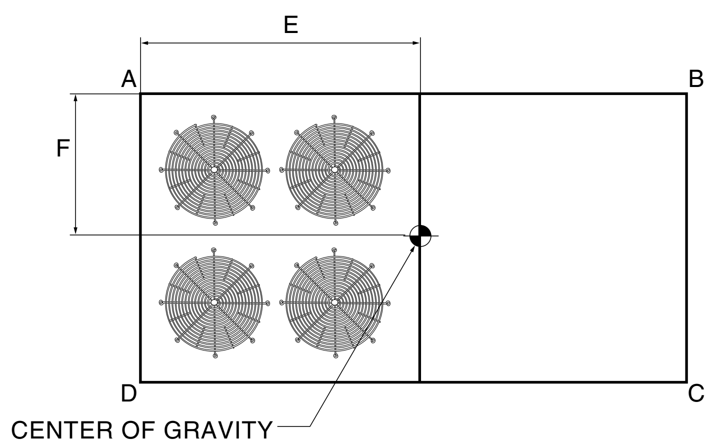
Figure 5B

Weights

Maximum Unit and Corner Weights (lbs) and Center of Gravity Dimensions (In.)

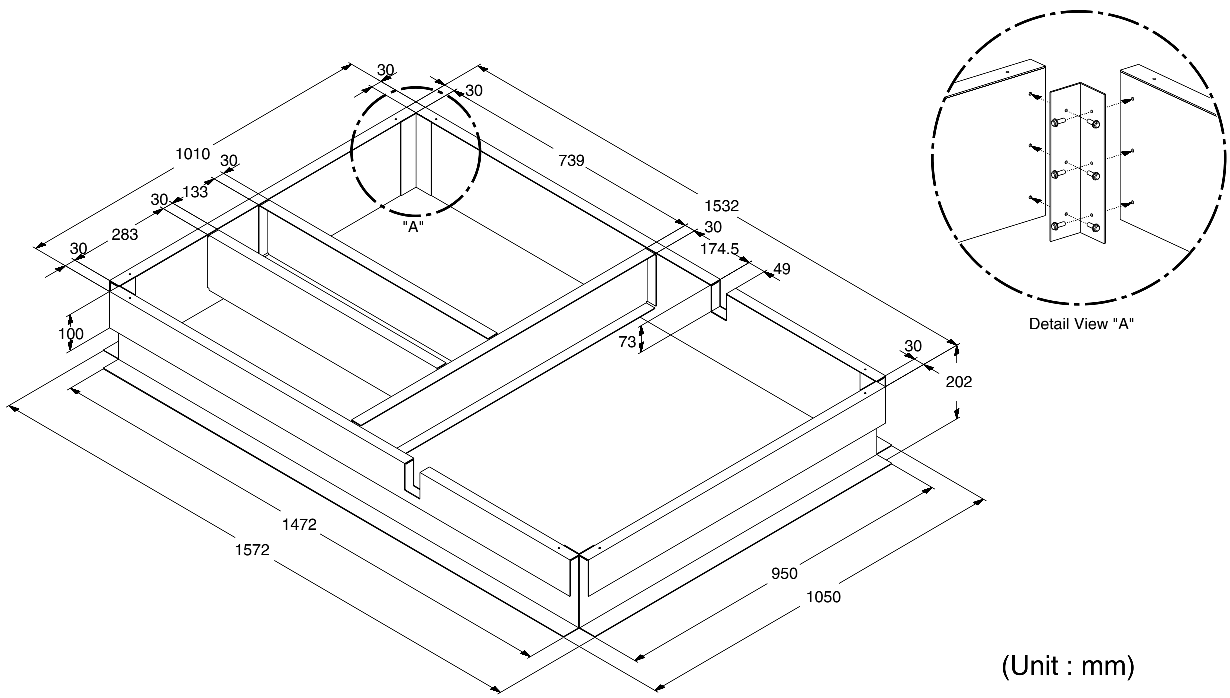
Tons	Unit Model No.	Maximum Weights (lbs)		Corner Weights (lbs)				Center of Gravity (In.)	
		Shipping	Net	A	B	C	D	E	F
6.25	LK-C075*C**	626	617	196	154	125	142	29	22
7.5	LK-C090B(9)C00	648	639	203	160	129	147	29	22
8.5	LK-C102*C**	957	948	291	237	200	220	39	30
10	LK-C120B(9)C00	957	948	291	237	200	220	39	30
12.5	LK-C150*C**	979	970	297	243	205	225	39	30
15	LK-C180B(D/9)C00	1222	1213	411	310	228	264	40	28
17.5	LK-C210B(9)C00	1332	1323	450	343	248	282	42	29
20	LK-C240B(D/9)C00 LK-C2409C01	1884	1874	639	438	320	411	43	31
25	LK-C300B(D/9)C00	1928	1918	697	460	328	433	42	30
30	LK-C360B(9)H00	2370	2359	801	588	440	530	43	39

Note: 1.Corner weights are given for information only.
2. Weights are approximate.



7. Roof Curbs

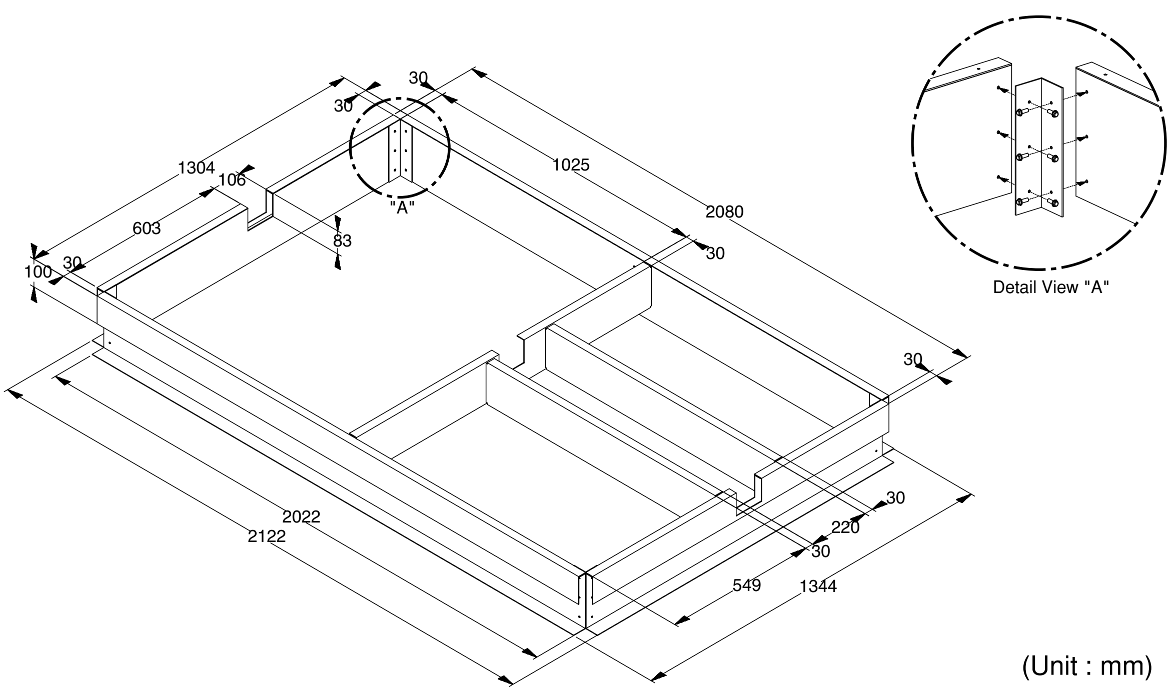
Model No.: LK-C090B(9)C00



(Unit : mm)

Note: ① Roof Curb – Galvanized steel
② Remove the Fork Guides for Roof Curb installation

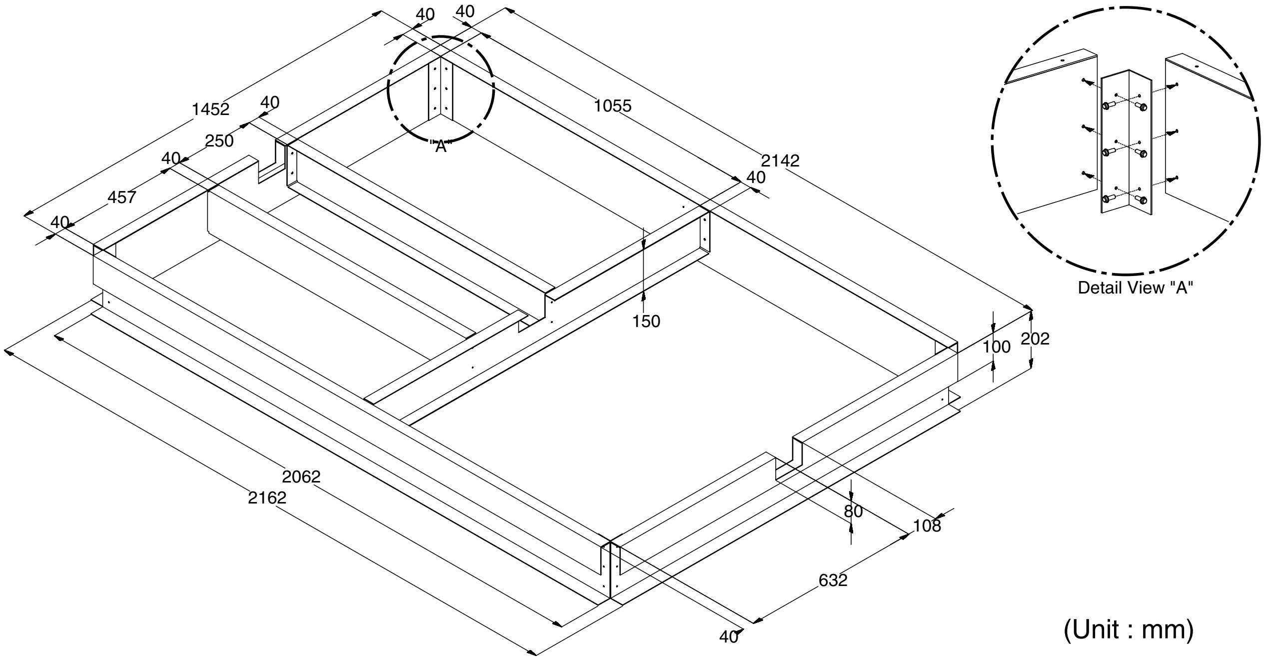
Model No. : LK-C120B(9)C00/LK-C102*C**/LK-C150B(9)C00



(Unit : mm)

Note: ① Roof Curb – Galvanized steel
② Remove the Fork Guides for Roof Curb installation

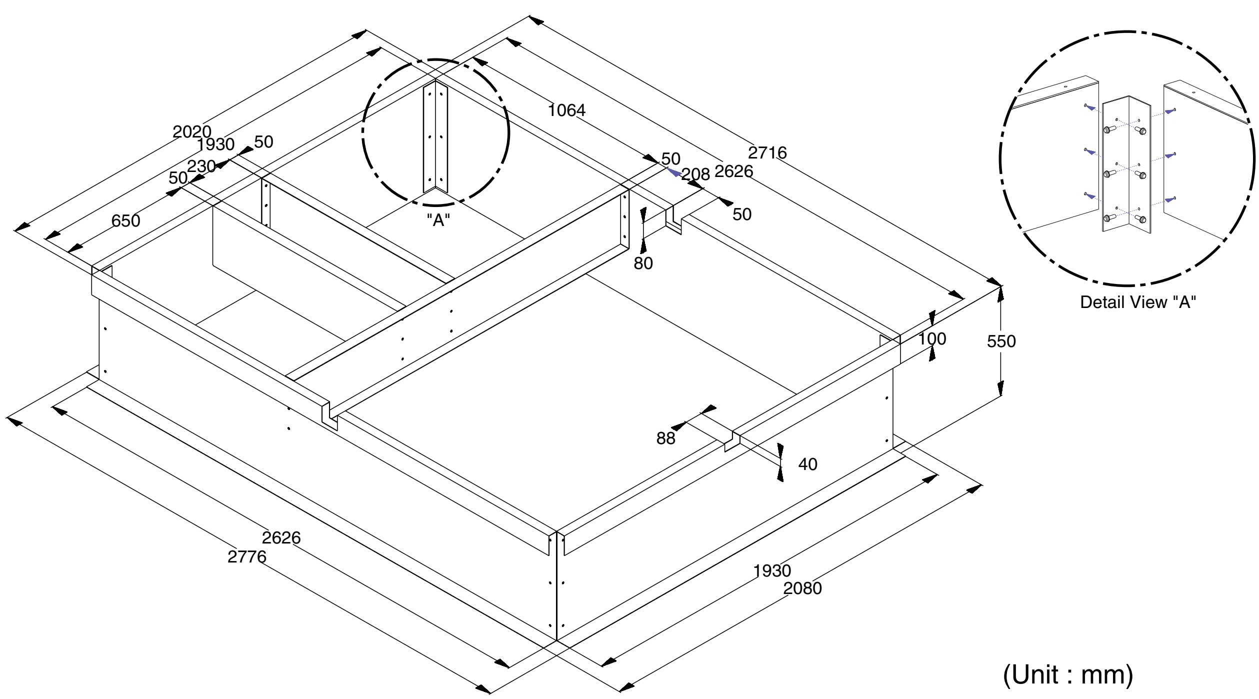
Model No. : LK-C180B(D/9)C00/LK-C210B(9)C00



(Unit : mm)

Note: ① Roof Curb – Galvanized steel
② Remove the Fork Guides for Roof Curb installation

Model No. : LK-C240B(D/9)C00/LK-C2409C01/LK-C300B(D/9)C00

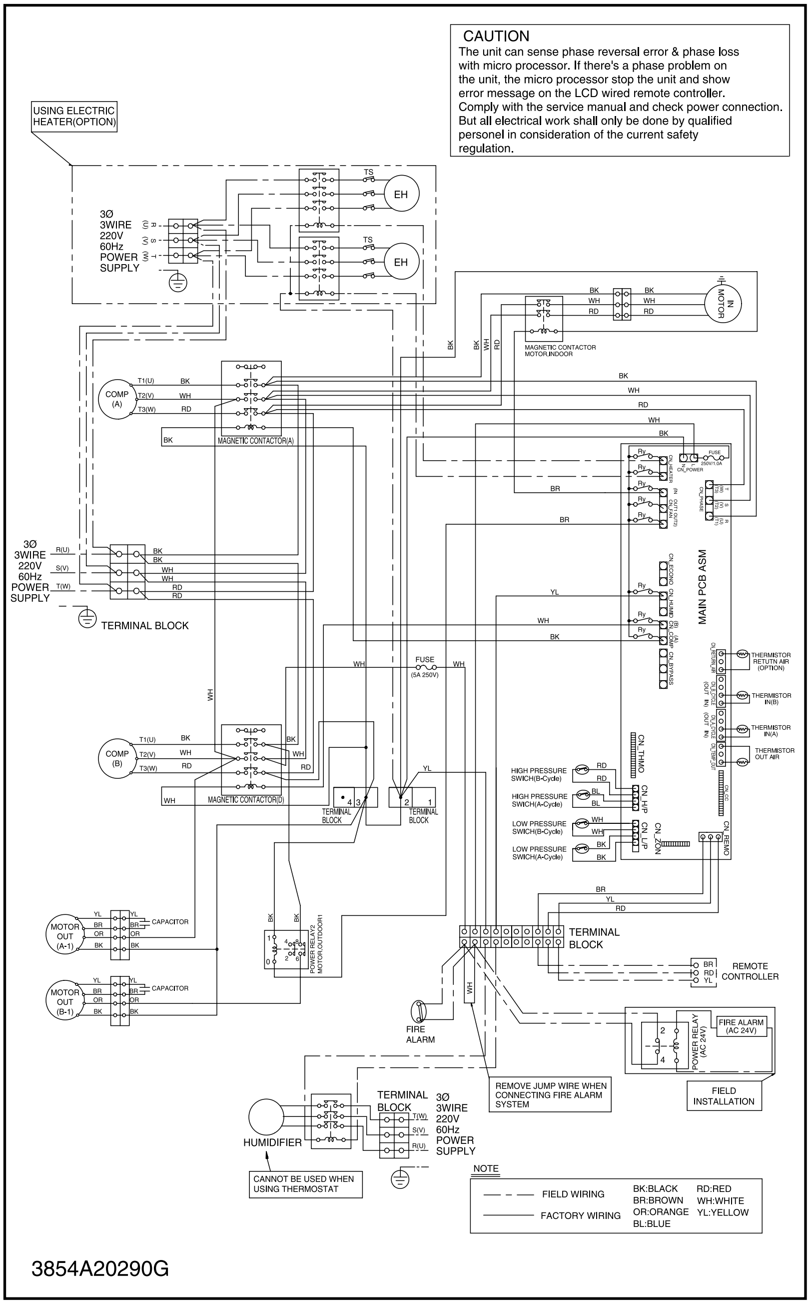


(Unit : mm)

Note: ① Roof Curb – Galvanized steel
② Remove the Fork Guides for Roof Curb installation

8. Wiring diagrams

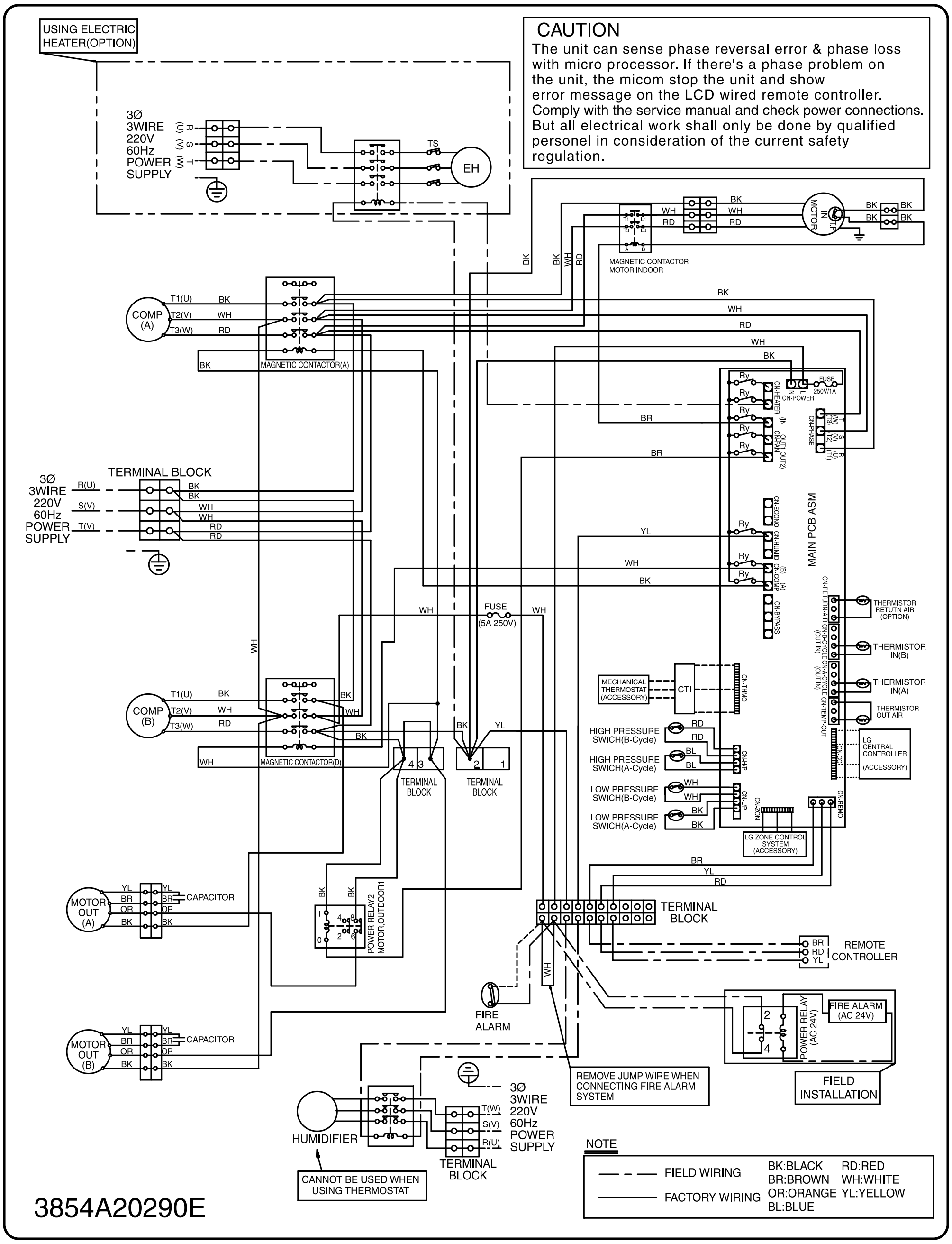
Model No.: LK-C090BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

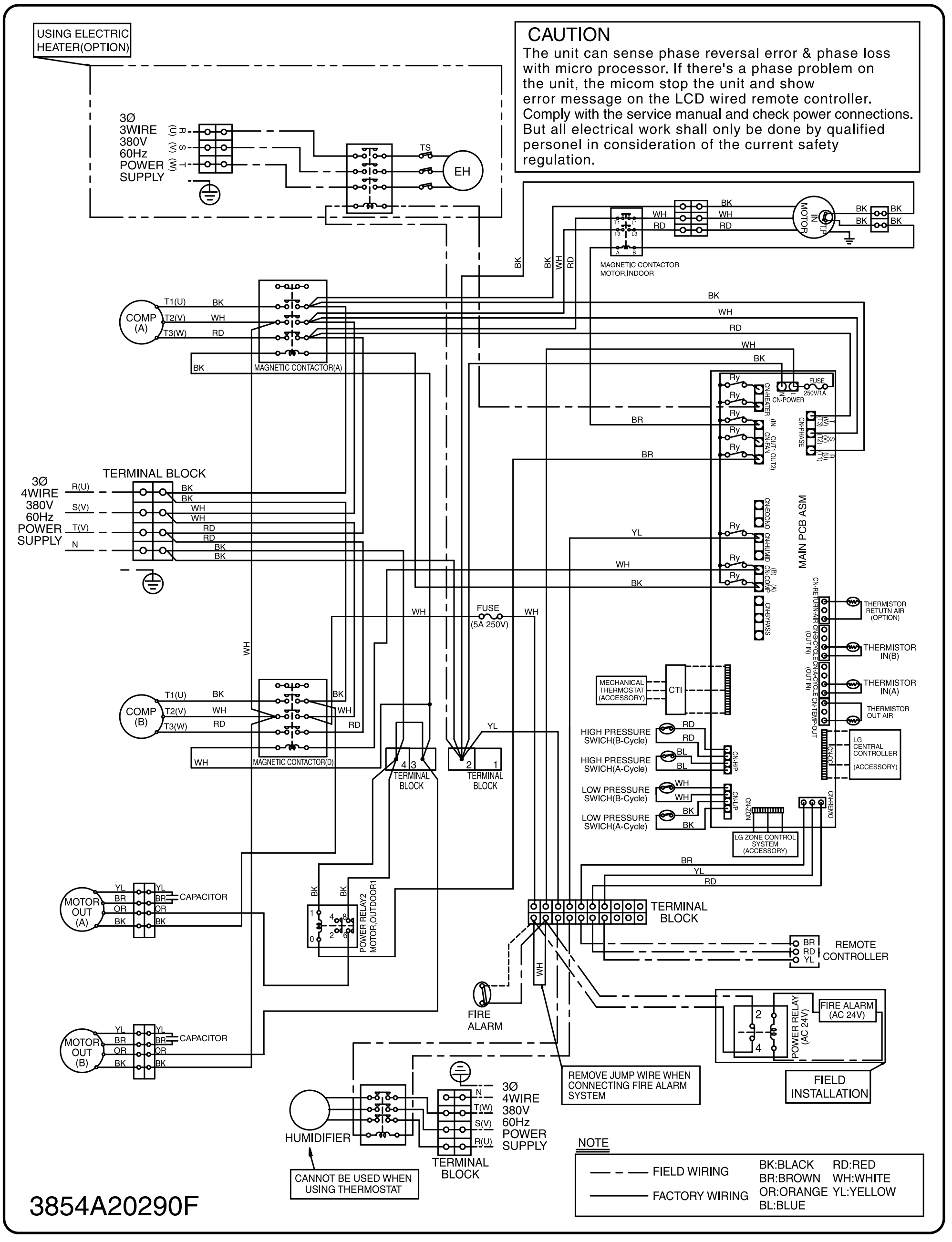
Model No.: LK-C120BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

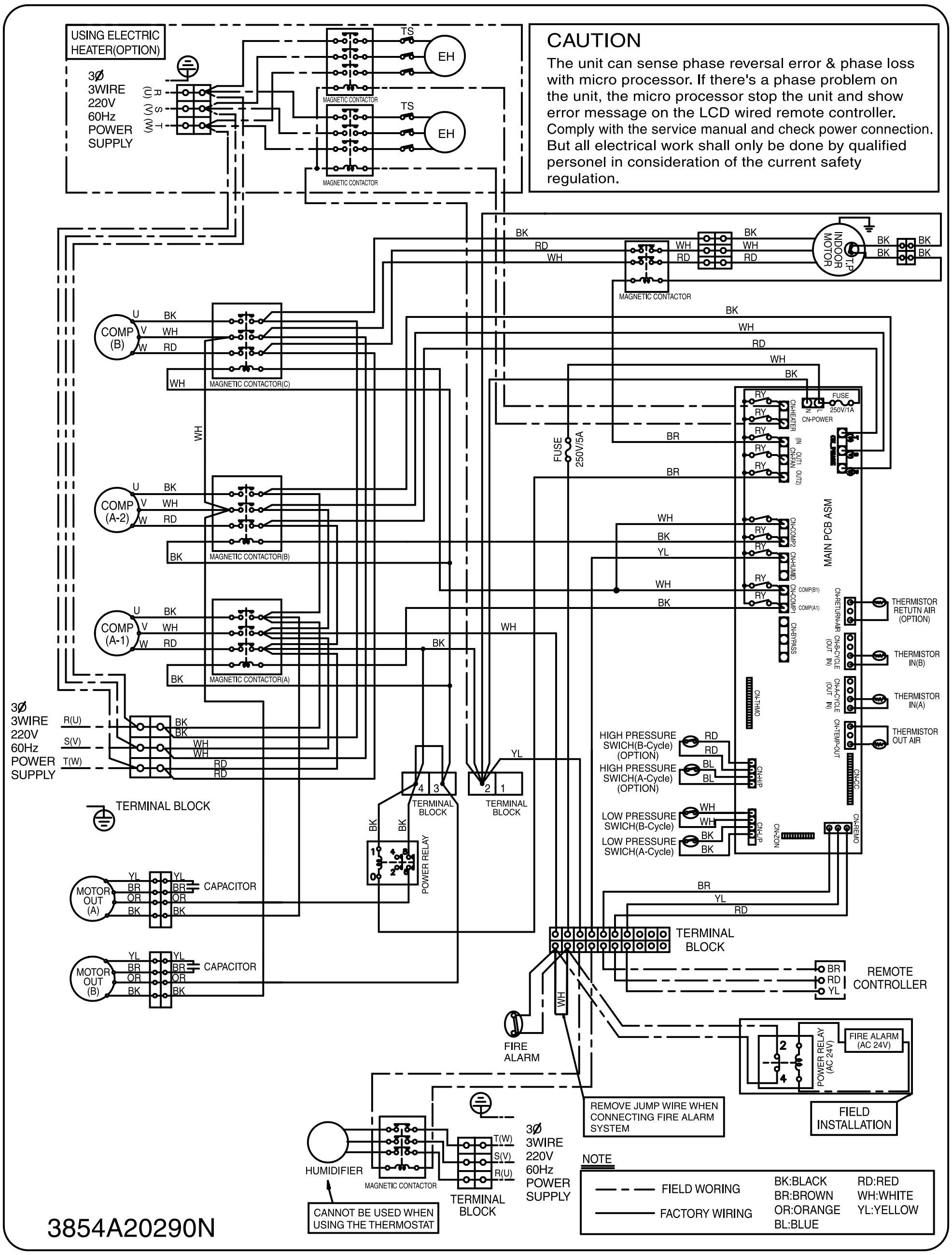
Model No.: LK-C1209C00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

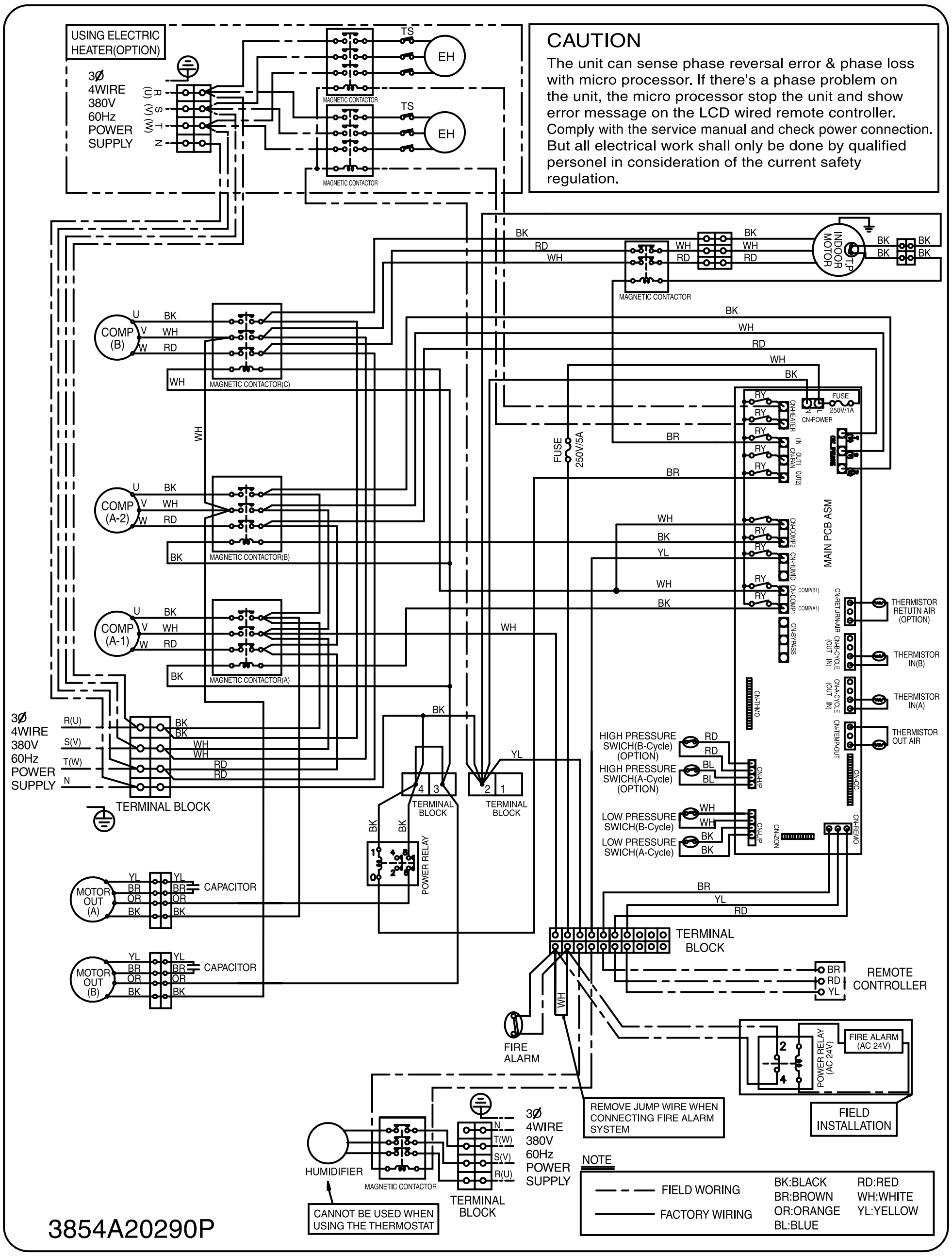
Model No.: LK-C180BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

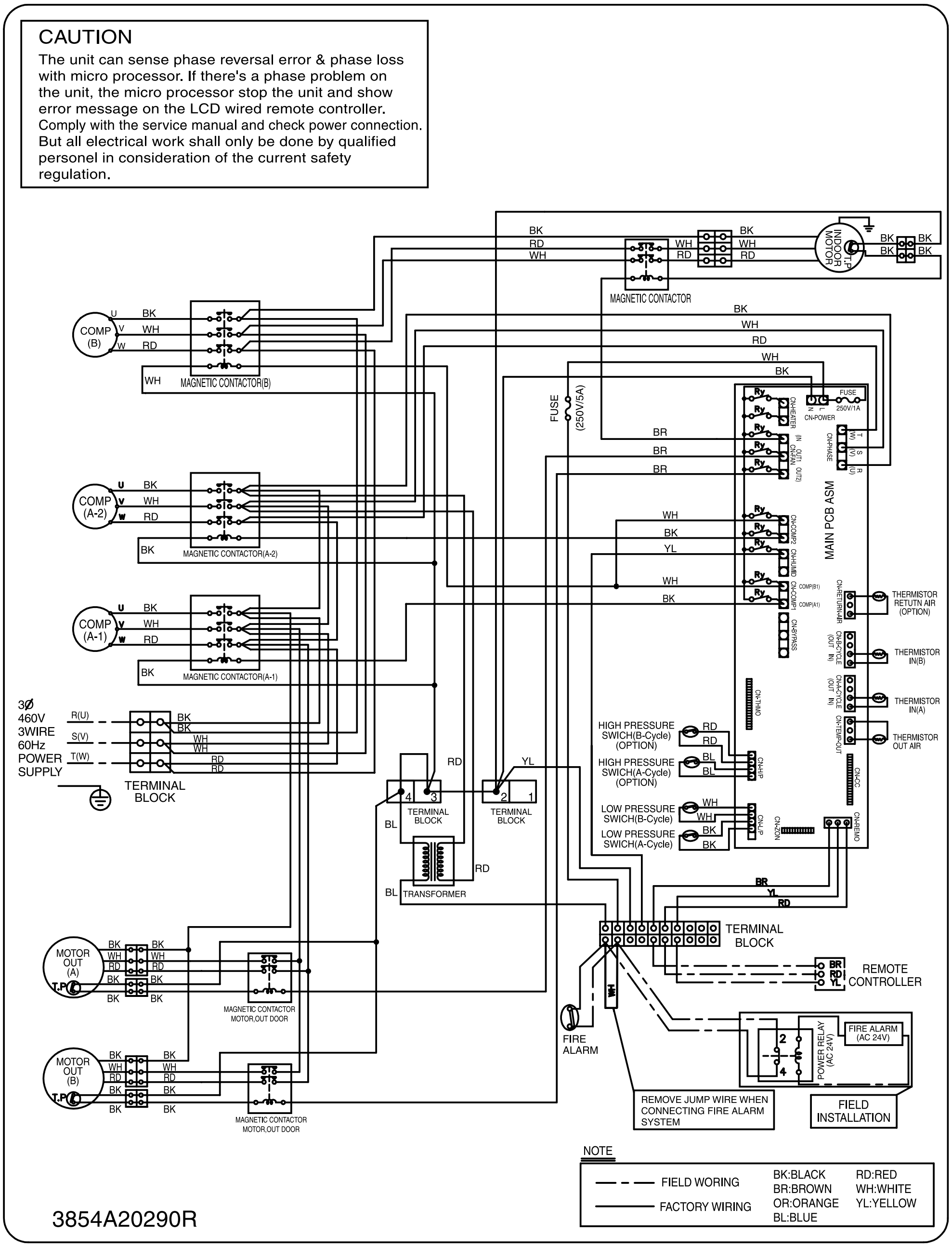
Model No.: LK-C1809C00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

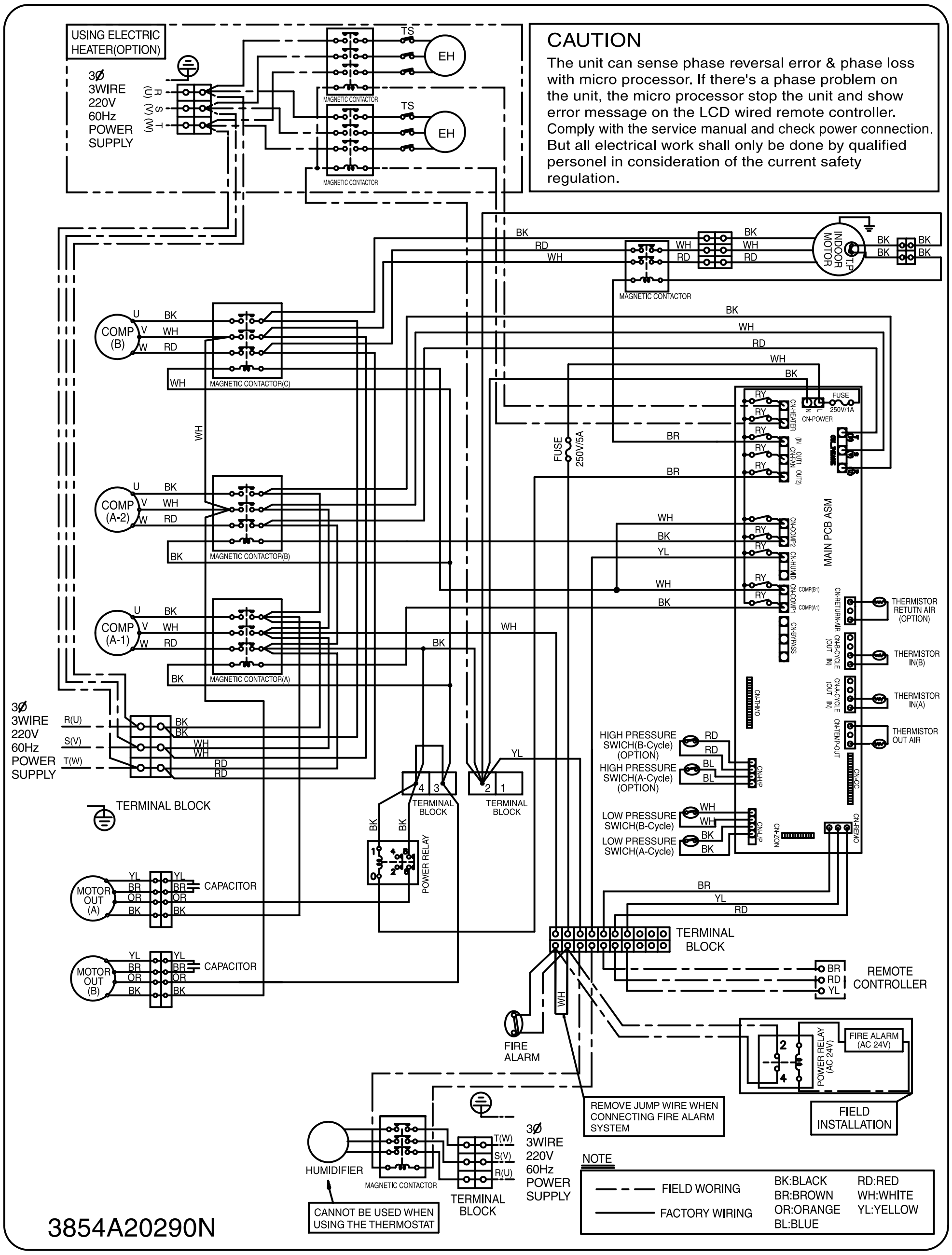
Model No.: LK-C180DC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

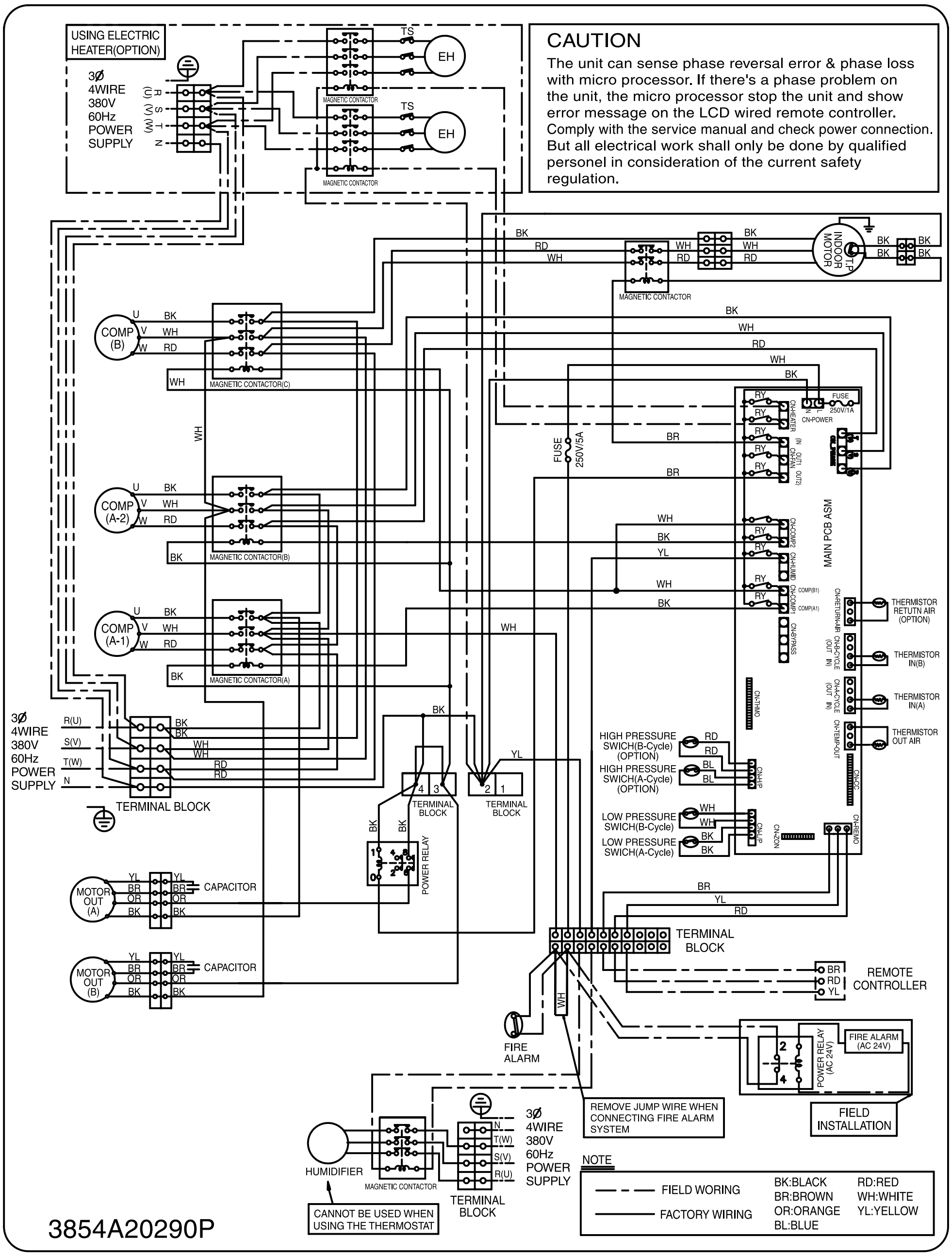
Model No.: LK-C210BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

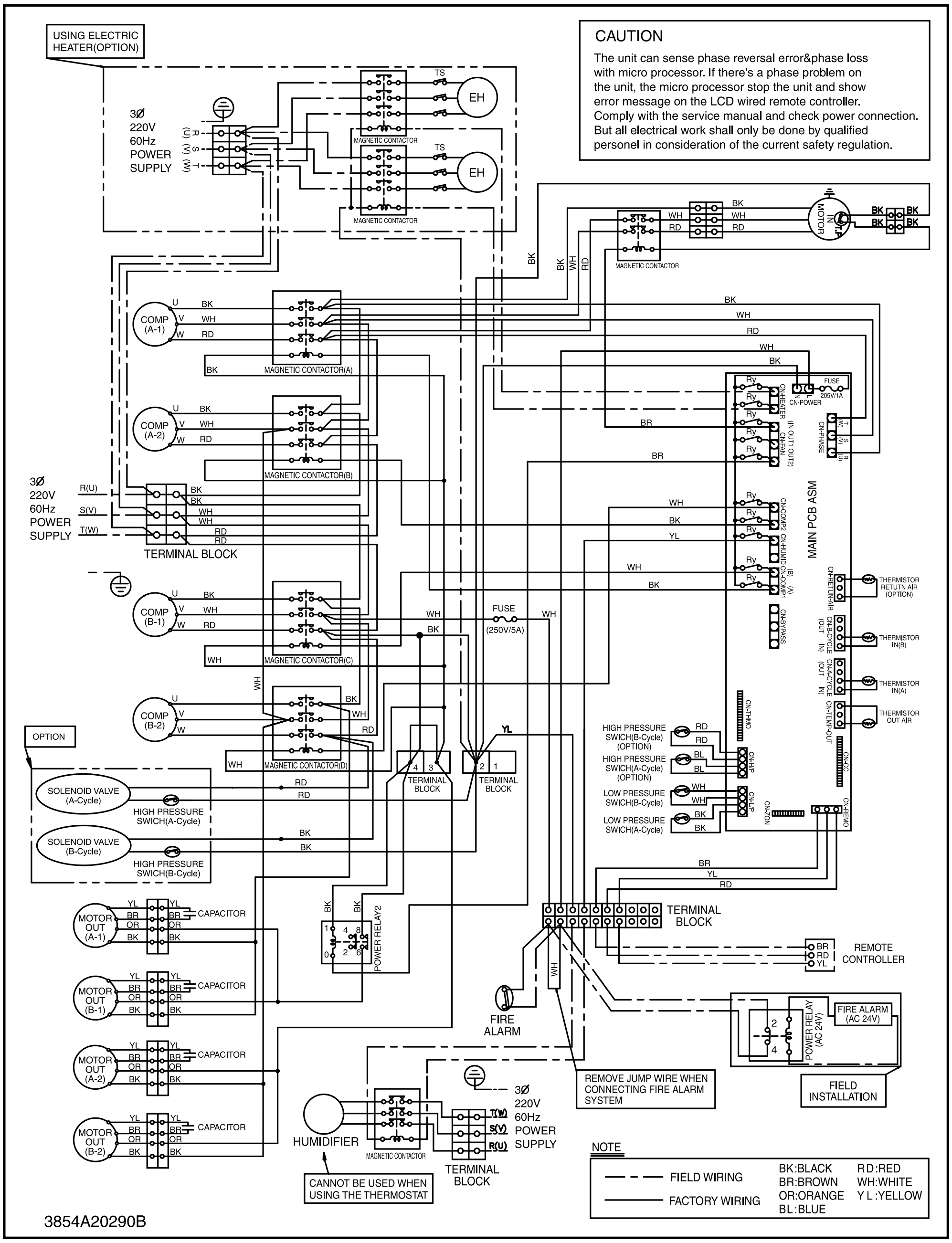
Model No.: LK-C2109C00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

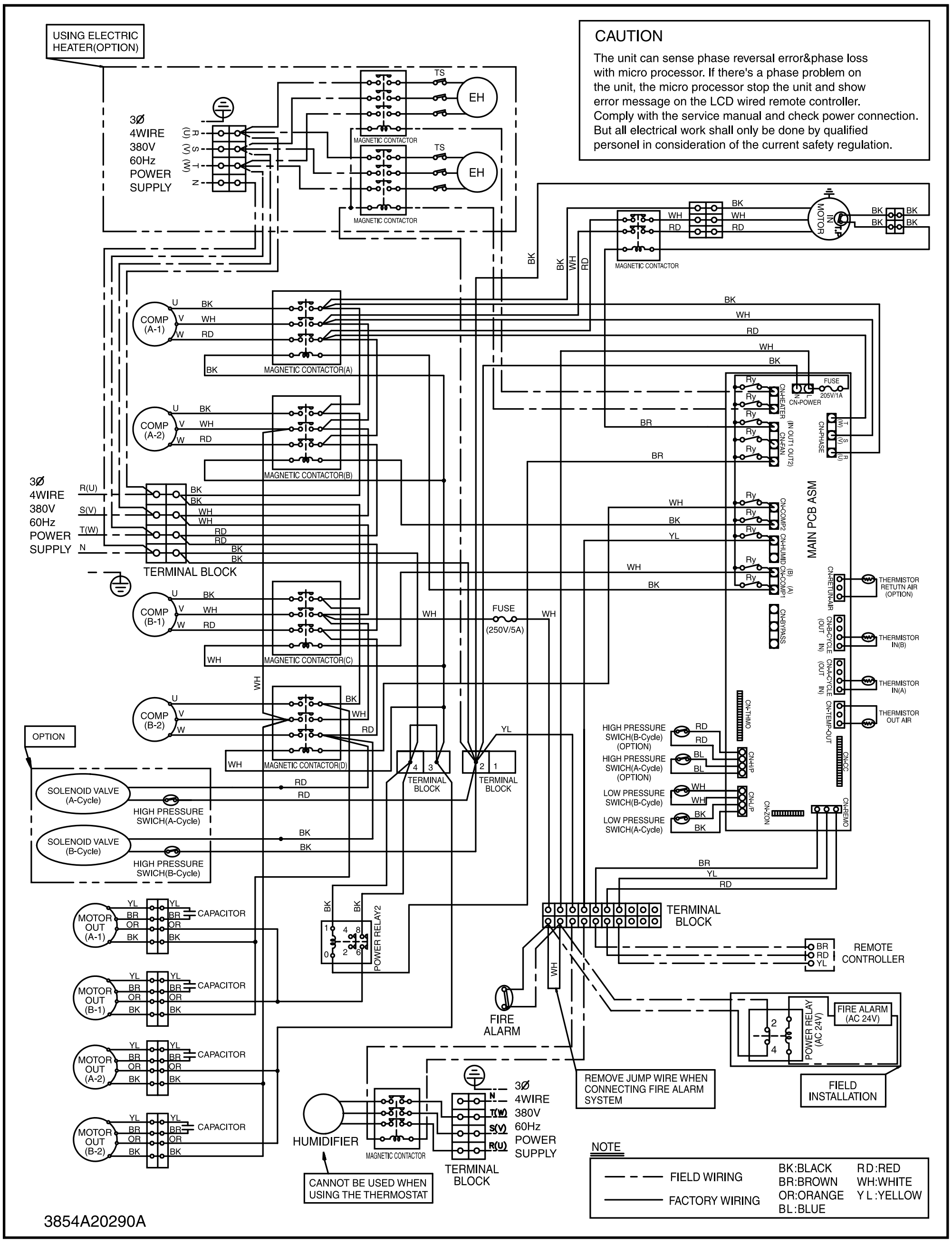
Model No.: LK-C240BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

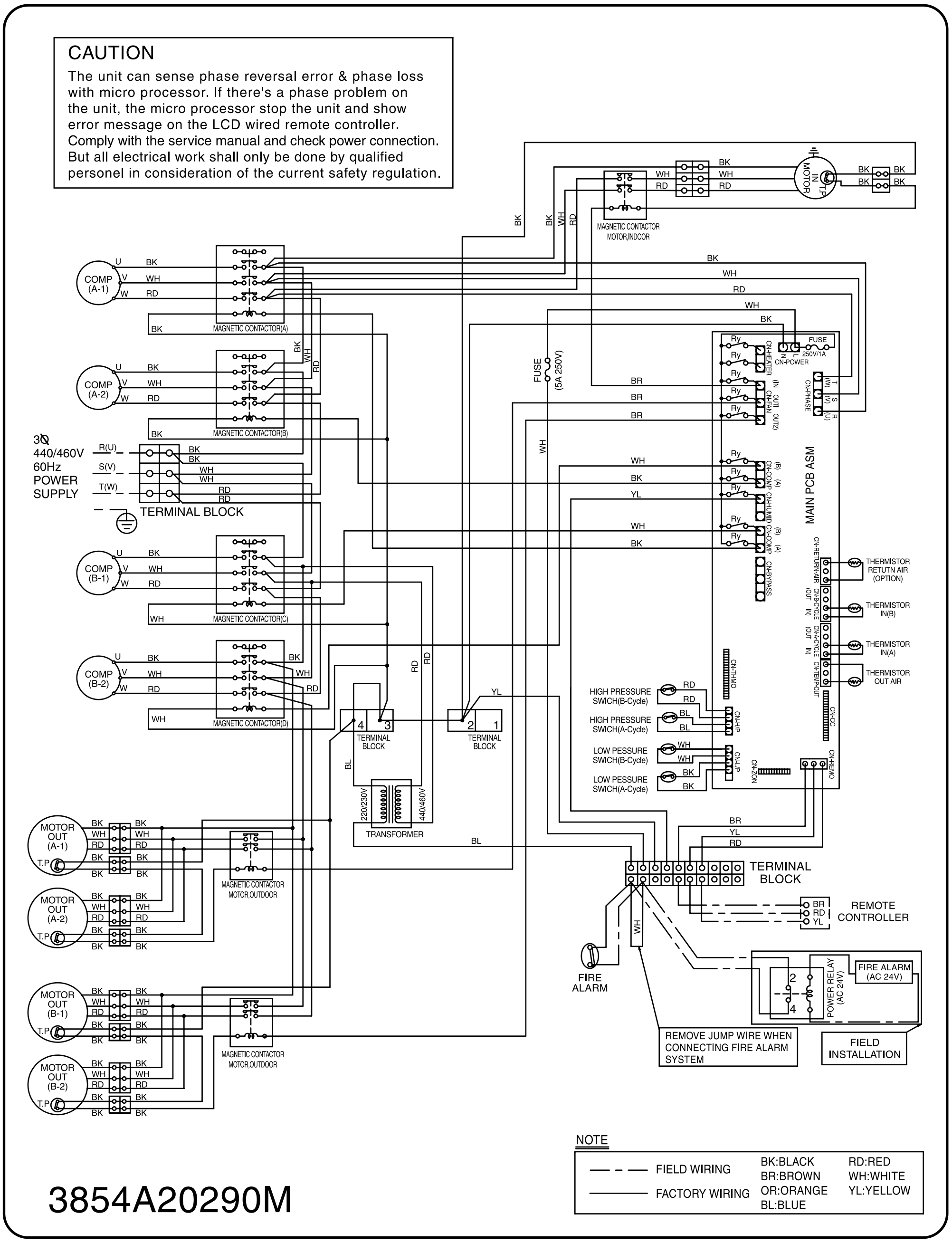
Model No.: LK-C2409C01



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

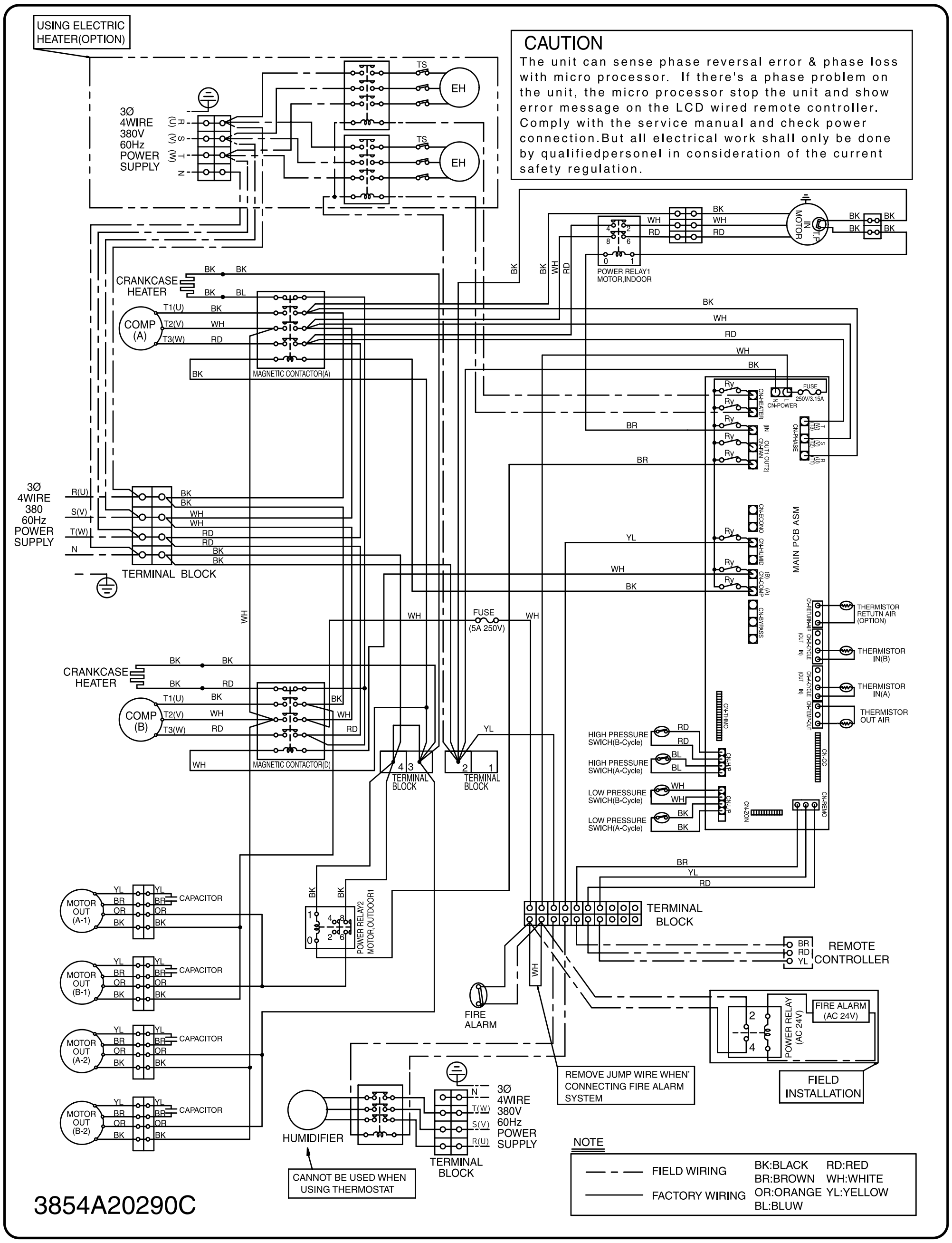
Model No.: LK-C240DC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

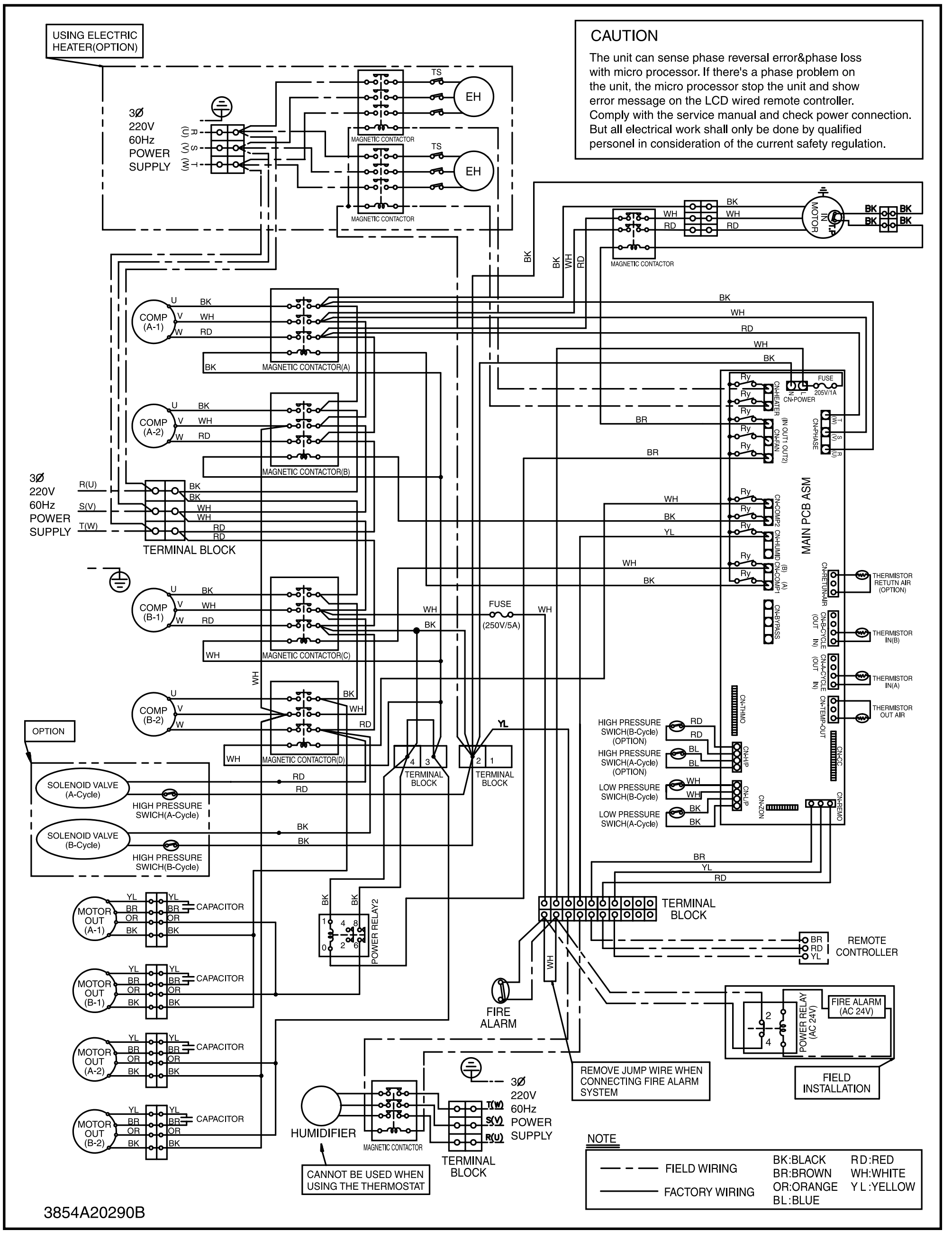
Model No.: LK-C2409C00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

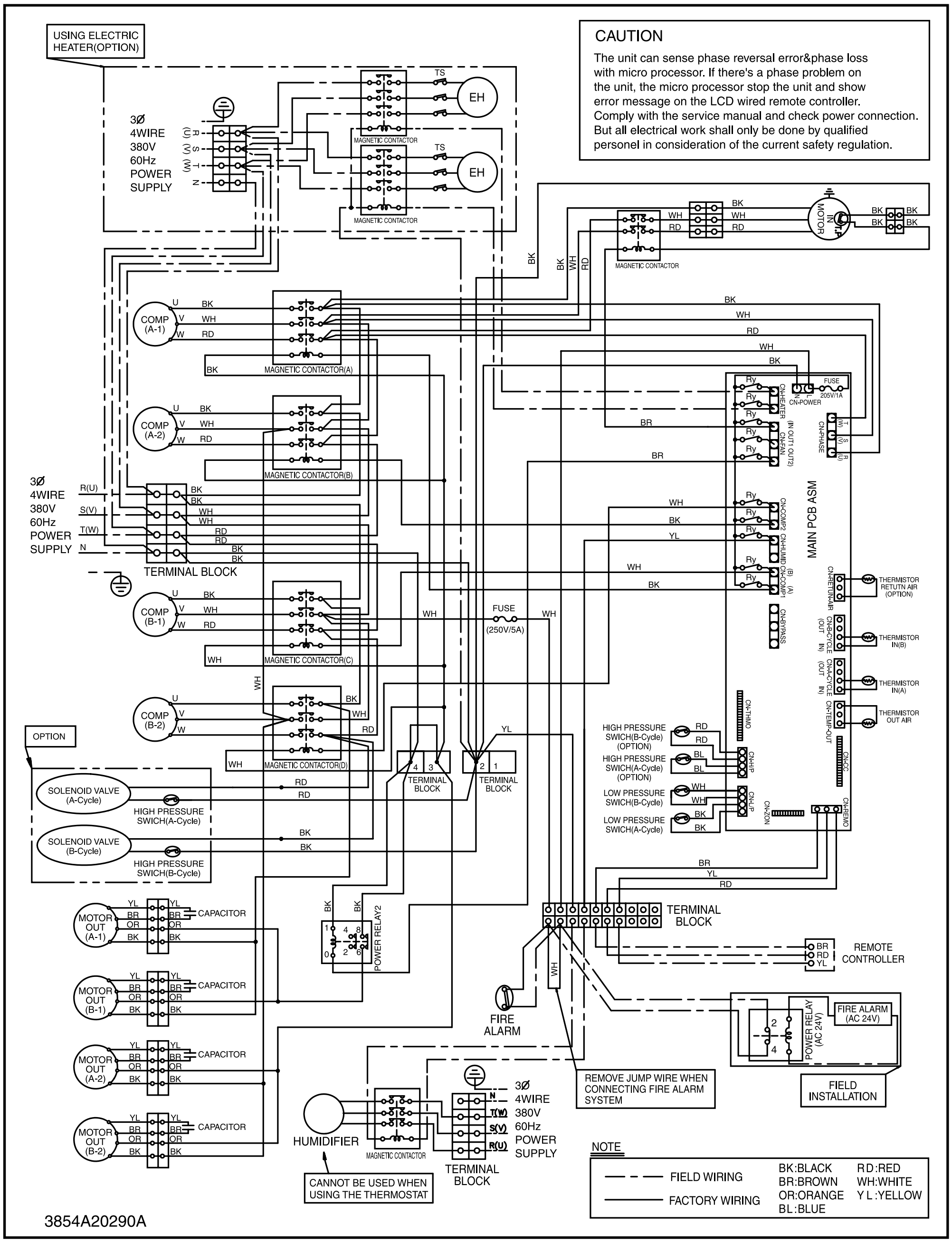
Model No.: LK-C300BC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

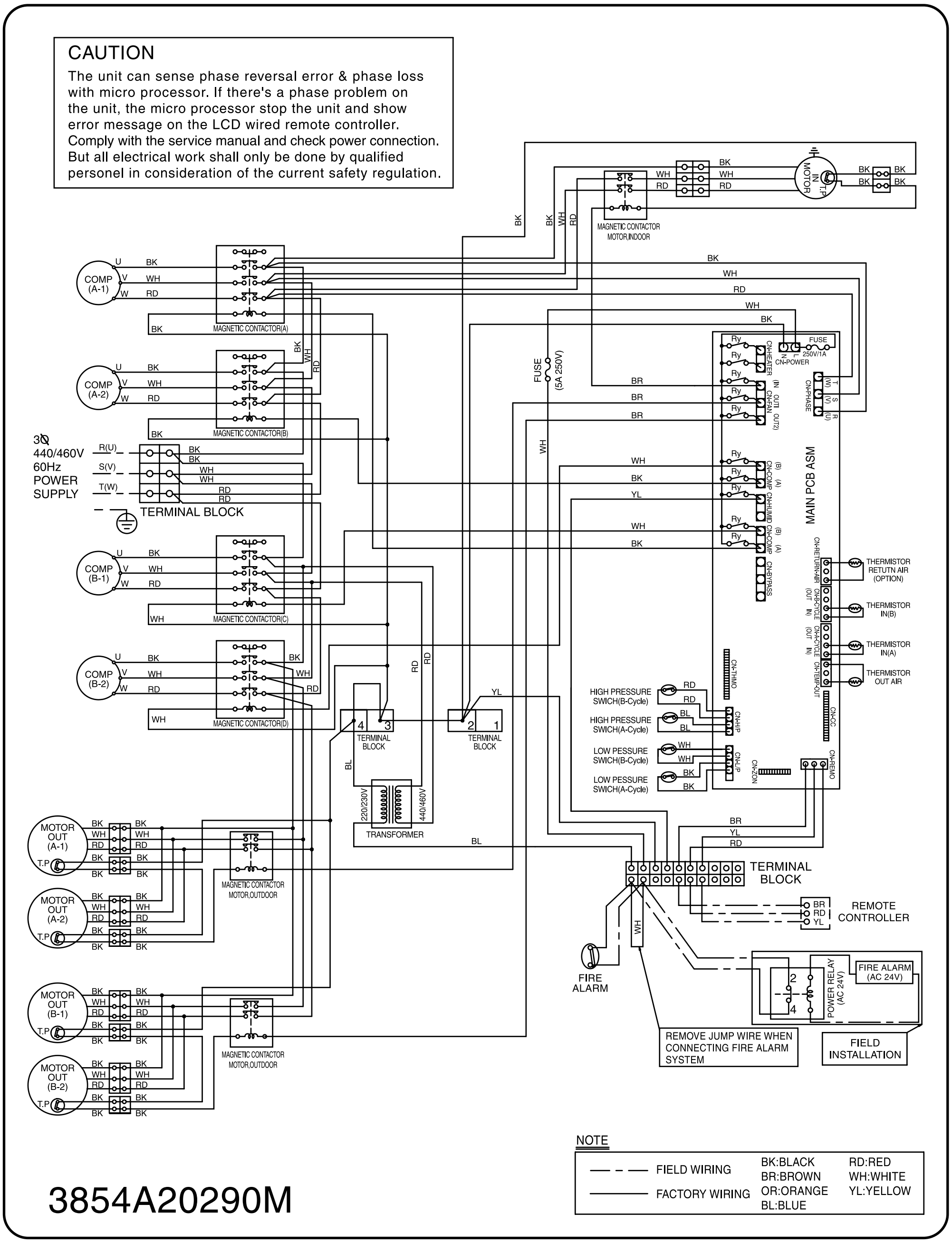
Model No.: LK-C3009C00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

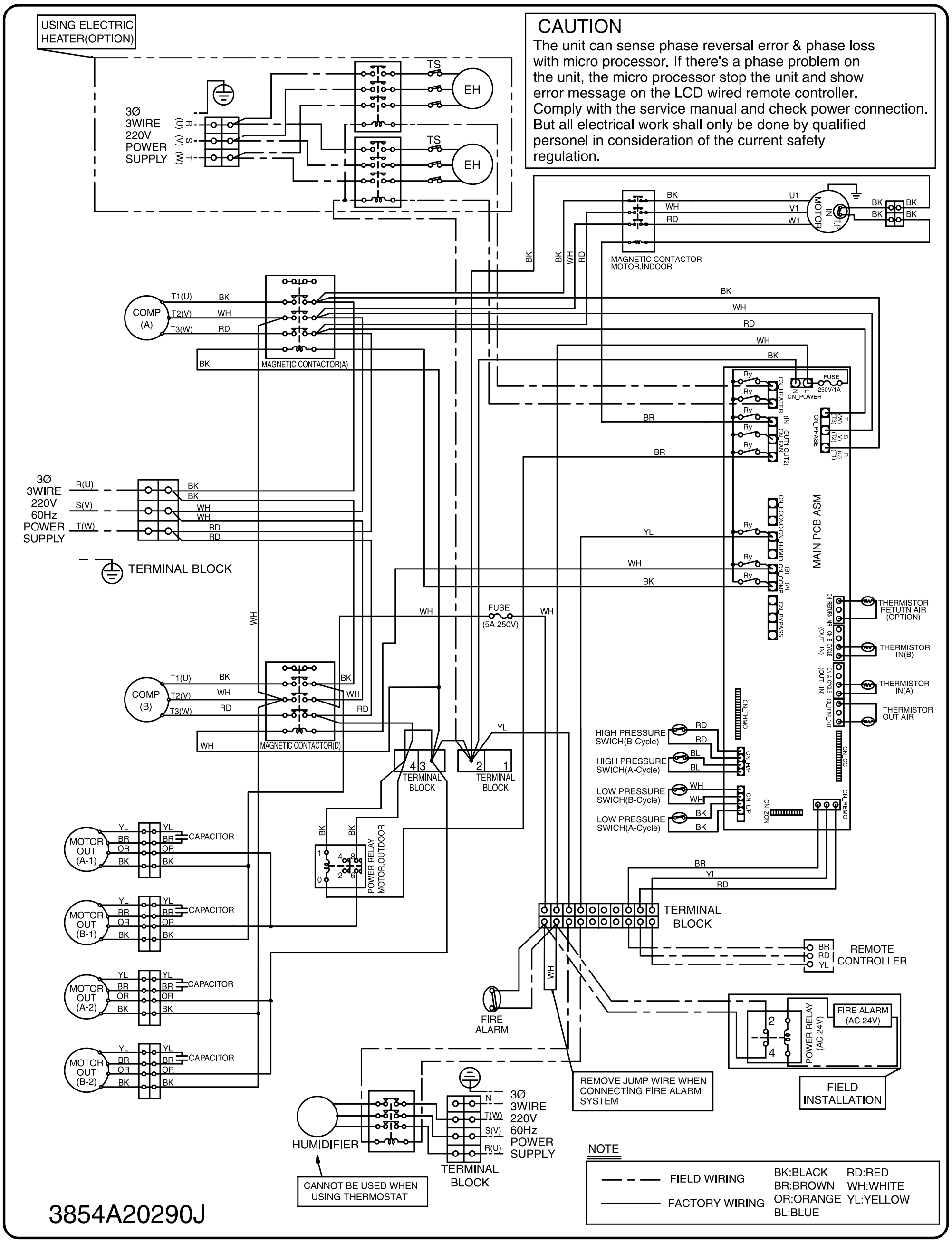
Model No.: LK-C300DC00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

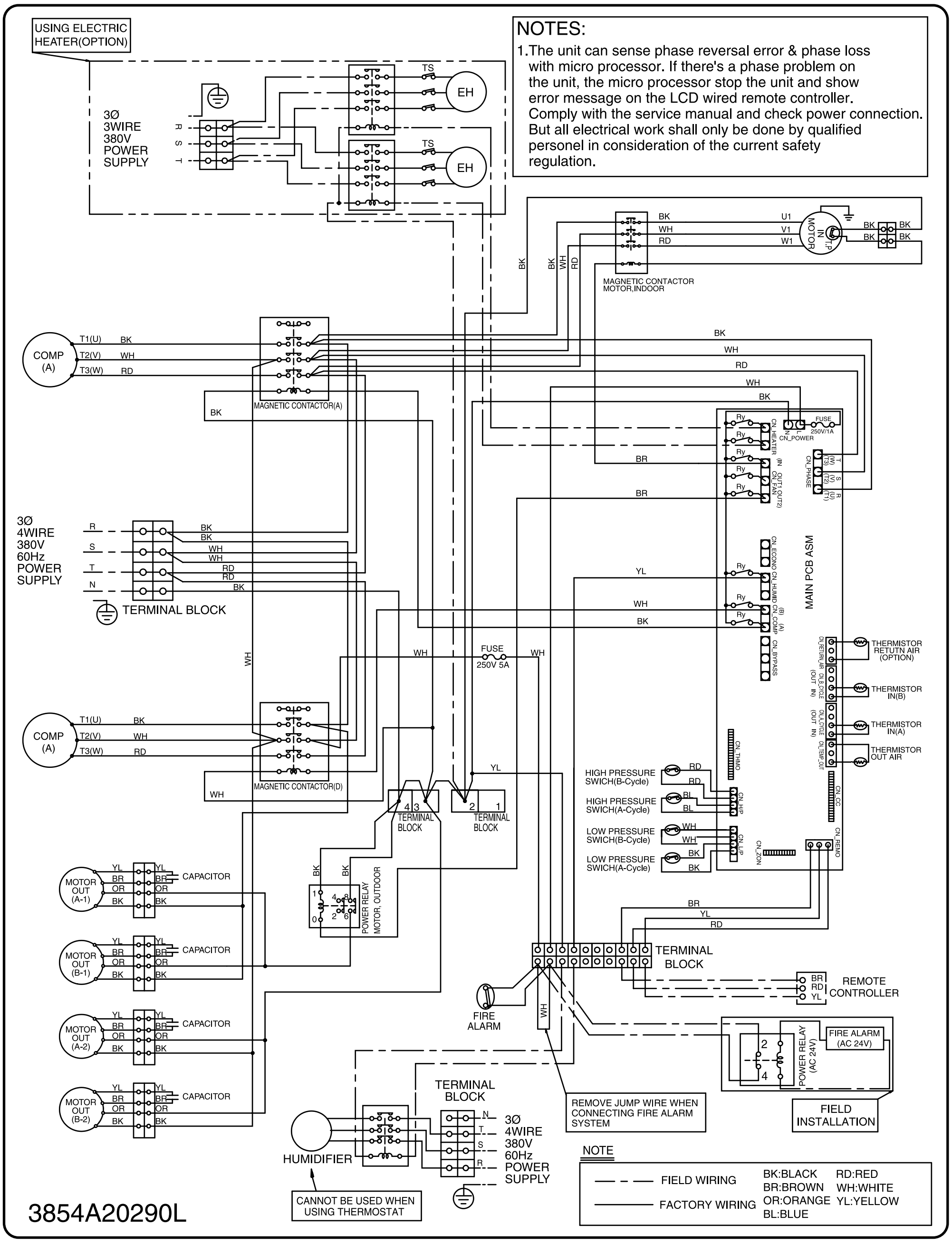
Model No.: LK-C360BH00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

Model No.: LK-C3609H00



Notes:

RY	RELAY	EH	ELECTRIC HEATER	COMP	COMPRESSOR
BK	BLACK	OR	ORANGE	YL	YELLOW
BR	BROWN	RD	RED	BL	BLUE
WH	WHITE	———	FACTORY WIRING	—·—	FIELD WIRING

9. Selection procedure

Selection procedure-Cooling only(English)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....83,000 Btu/h
b. Sensible Cooling Capacity...58,000 Btu/h
c. Heating Capacity ....60,000 Btu/h
d. Outdoor Entering-air Temperature ....95°F
e. Indoor Entering-air Temp.(D.B/W.B) ....80°F/67°F
f. Indoor air-flow...3,000 CFM
g. Electrical Characteristics(V-Ph-Hz) 220-3-60
h. External static pressure ....0.57 in.Aq.

Step 2. Select unit based on required cooling capacity.

Based on Total Cooling Capacity, choose suitable Model from Specifications table.

7.5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling Capacity (MBH) LK-C090B(9)C00 (English) table, at 3,000 CFM and 95°F DB outdoor ambient temperature, with 80°F DB. 67°F WB air entering temperature.
Total cooling capacity= 94,000 Btu/h, Sensible capacity = 69,600 Btu/h

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of CFM & static pressure. To determine the total unit static pressure.

External Static(Duct system)	0.57 in.Aq.
Standard Filter	0.08 in.Aq.
Electric heater size 18kW	0.03 in.Aq.
Total static pressure	0.68 in.Aq.

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit.
Therefore, the actual total static pressure is 0.60 in.Aq.
With 3,000 CFM and 0.60 in.Aq., Evaporator Fan Performance LK-C090B(9)C00 (English) table shows 1.27 BHP for this unit.
FAN MOTOR HEAT;
3.26 x BHP = MBH
3.26 x 1.27 = 4.1 MBH
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	94.0 MBH - 4.1 MBH = 89.9 MBH
Net sensible cooling	69.6 MBH - 4.1MBH = 65.5 MBH

• MBH = 1000 Btu/h

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Step 6. Verify the motor size(standard/oversize) from Evaporator Fan Performance LK-C090B(9)C00 (English) table, based on CFM & ESP, HP=1.27 at 888 rpm, 1.5 HP standard motor.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 60,000 Btu/h.
The electric heat acessory capacities are listed in Electrical Heating Capacity table.
From the Electrical Heating Capacity table select, 18 kW electric heater with output 61.43 MBH = 61,430 Btu/h.

Selection procedure - Cooling Only(SI)

Cooling

Step 1. Based on building's cooling load calculation from ASHRAE or any approved standard method.

a. Cooling Capacity ....24.3 kW
b. Sensible Cooling Capacity..17.0 kW
c. Heating Capacity ....17.6 kW
d. Outdoor Entering-air Temperature ....35°C
e. Indoor Entering-air Temp.(D.B/W.B) ....26.7°C/19.4°C
f. Indoor air-flow..1416 l/s
g. Electrical Characteristics(V-Ph-Hz) 220-3-60
h. External static pressure ....14.5mmAq.

Step 2. Select unit based on required cooling capacity.

Based on total cooling capacity, choose suitable Model from Specifications table.

7.5RT unit can be selected.

Verify the unit performance at the given conditions in accordance with step #3.

Step 3. From Gross Cooling capacity (kW) LK-C090B(9)C00 (SI) table, at 1416 l/s and 35°C DB outdoor ambient temperature, with 26.7°C DB. 19.4°C WB air entering temperature.
Total cooling capacity= 27.5 kW, Sensible capacity = 20.4 kW

To find capacity at intermediate conditions not in the table.

Interpolation should be used when design conditions are between two numbers that are in the capacity table. Extra-polation is not recommended.

Step 4. The capacity estimated at step #3 is the gross capacity of the selected unit. The generated heat from indoor motor is a function of l/s & static pressure. To determine the total unit static pressure.

External Static(Duct system)	14.50 mm Aq
Standard Filter	2.03 mm Aq
Electric heater size 18kW	0.76 mm Aq
Total static pressure	17.29 mm Aq

Evaporator fan motor performance table has deducted the pressure drop for filter already in the unit. Therefore, the actual total static pressure is 15.26 mmAq.
With 1416 l/s and 15.26mmAq., Evaporator Fan Performance LK-C090B(9)C00 (SI) table shows 0.95 BkW for this unit.
FAN MOTOR HEAT;
1.28 x BkW = kW
1.28 x 0.95 = 1.2 kW
Now subtract the fan motor heat from the gross cooling capacity of the unit;

Net cooling capacity	27.5 kW - 1.2 kW = 26.3 kW
Net sensible cooling	20.4 kW - 1.2 kW = 19.2 kW

Step 5. If the selected unit performance will not meet the required load, either total or sensible cooling, the next higher size unit should be selected.

Step 6. Verify the motor size(standard/oversized) from Evaporator Fan Performance LK-C090B(9)C00 (SI) table, based on l/s & ESP, kW=0.95 at 888 rpm, 1.5 HP standard motor.

Electric Heating

Step 1. Calculate the building heating load using the ASHRAE calculation or from other standard accepted method.

Step 2. The required heating capacity is 17.6kW (given).

$$17.6\text{kW} = \frac{12}{3.5167} \times 17.6 = 60.05 \text{ MBH}$$

The electric heat accessory capacities are listed in Electrical Heating Capacity table. From the table select, 18kW Electric Heater with output 61.43 MBH.

10. Performance data

Gross Cooling Capacity (kW) LK-C075*C** (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
944	23.9	18.8	13.8	5.79	20.8	15.2	5.97	22.4	16.3	6.08	18.2	13.3	6.39	20.1	14.7	6.59	21.6	15.8	6.71
	26.7	19.7	14.3	5.81	21.2	15.5	5.99	22.4	16.4	6.10	19.0	13.8	6.41	20.5	14.9	6.61	21.6	15.8	6.73
	29.4	20.4	14.9	5.82	21.5	15.7	6.01	22.3	16.3	6.12	19.7	14.4	6.43	20.8	15.1	6.63	21.6	15.7	6.75
	32.2	21.1	15.4	5.84	21.7	15.9	6.03	22.2	16.2	6.14	20.3	14.8	6.44	21.0	15.3	6.65	21.4	15.6	6.77
1062	23.9	19.7	14.4	5.84	21.8	15.9	6.02	23.4	17.1	6.14	19.0	13.9	6.44	21.0	15.4	6.64	22.6	16.5	6.76
	26.7	20.6	15.0	5.86	22.2	16.2	6.04	23.4	17.1	6.15	19.8	14.5	6.46	21.4	15.6	6.66	22.6	16.5	6.78
	29.4	21.3	15.6	5.88	22.5	16.4	6.06	23.4	17.1	6.17	20.6	15.0	6.48	21.7	15.9	6.68	22.6	16.5	6.80
	32.2	22.0	16.1	5.89	22.8	16.6	6.08	23.2	17.0	6.19	21.3	15.5	6.49	21.9	16.0	6.70	22.4	16.4	6.82
1180	23.9	20.2	14.8	5.89	22.4	16.3	6.08	24.1	17.6	6.19	19.5	14.3	6.51	21.6	15.8	6.72	23.2	16.9	6.84
	26.7	21.1	15.4	5.91	22.8	16.6	6.09	24.1	17.6	6.21	20.4	14.9	6.53	22.0	16.0	6.74	23.2	16.9	6.86
	29.4	21.9	16.0	5.93	23.1	16.9	6.11	24.0	17.5	6.23	21.1	15.4	6.55	22.3	16.3	6.76	23.2	16.9	6.88
	32.2	22.6	16.5	5.94	23.4	17.0	6.13	23.9	17.4	6.24	21.8	15.9	6.57	22.5	16.4	6.78	23.0	16.8	6.90
1298	23.9	20.6	15.0	5.94	22.8	16.6	6.13	24.5	17.9	6.24	19.9	14.5	6.54	22.0	16.0	6.74	23.6	17.2	6.87
	26.7	21.5	15.7	5.96	23.2	16.9	6.15	24.5	17.9	6.26	20.7	15.1	6.56	22.4	16.3	6.76	23.6	17.2	6.89
	29.4	22.3	16.3	5.98	23.5	17.2	6.16	24.4	17.8	6.28	21.5	15.7	6.58	22.7	16.6	6.78	23.5	17.2	6.91
	32.2	23.0	16.8	5.99	23.8	17.3	6.18	24.3	17.7	6.30	22.2	16.2	6.60	22.9	16.7	6.80	23.4	17.1	6.93
1416	23.9	20.9	15.2	5.99	23.1	16.8	6.18	24.8	18.1	6.29	20.1	14.7	6.59	22.2	16.2	6.79	23.9	17.5	6.92
	26.7	21.8	15.9	6.01	23.5	17.1	6.20	24.8	18.1	6.31	21.0	15.3	6.61	22.6	16.5	6.82	23.9	17.5	6.94
	29.4	22.6	16.5	6.03	23.8	17.4	6.22	24.7	18.0	6.33	21.8	15.9	6.63	23.0	16.8	6.84	23.9	17.4	6.96
	32.2	23.3	17.0	6.04	24.1	17.6	6.23	24.6	17.9	6.35	22.5	16.4	6.65	23.2	16.9	6.86	23.7	17.3	6.98

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
944	23.9	17.5	12.8	6.87	19.4	14.2	7.09	20.8	15.2	7.22	16.6	12.1	7.27	18.3	13.4	7.50	19.7	14.4	7.64	15.3	11.2	7.60	17.0	12.4	7.84	18.2	13.3	7.99
	26.7	18.3	13.4	6.89	19.7	14.4	7.11	20.9	15.2	7.24	17.3	12.6	7.29	18.6	13.6	7.52	19.7	14.4	7.66	16.0	11.7	7.63	17.3	12.6	7.87	18.2	13.3	8.01
	29.4	19.0	13.9	6.91	20.0	14.6	7.13	20.8	15.2	7.26	17.9	13.1	7.31	18.9	13.8	7.54	19.6	14.3	7.68	16.6	12.1	7.65	17.5	12.8	7.89	18.2	13.3	8.04
	32.2	19.6	14.3	6.93	20.2	14.8	7.15	20.7	15.1	7.28	18.5	13.5	7.33	19.1	13.9	7.57	19.5	14.2	7.71	17.1	12.5	7.67	17.7	12.9	7.91	18.1	13.2	8.06
1062	23.9	18.4	13.4	6.92	20.3	14.8	7.14	21.8	15.9	7.27	17.3	12.6	7.32	19.2	14.0	7.55	20.6	15.0	7.69	16.0	11.7	7.65	17.7	12.9	7.90	19.1	13.9	8.04
	26.7	19.2	14.0	6.94	20.7	15.1	7.16	21.8	15.9	7.29	18.1	13.2	7.34	19.5	14.2	7.57	20.6	15.0	7.71	16.7	12.2	7.68	18.1	13.2	7.92	19.1	13.9	8.07
	29.4	19.9	14.5	6.96	21.0	15.3	7.18	21.8	15.9	7.31	18.8	13.7	7.36	19.8	14.4	7.60	20.5	15.0	7.74	17.4	12.7	7.70	18.3	13.4	7.94	19.0	13.9	8.09
	32.2	20.5	15.0	6.98	21.2	15.5	7.20	21.6	15.8	7.34	19.4	14.1	7.38	20.0	14.6	7.62	20.4	14.9	7.76	17.9	13.1	7.72	18.5	13.5	7.97	18.9	13.8	8.11
1180	23.9	18.8	13.8	6.97	20.8	15.2	7.19	22.4	16.4	7.32	17.8	13.0	7.37	19.7	14.4	7.60	21.1	15.4	7.74	16.5	12.0	7.70	18.2	13.3	7.95	19.6	14.3	8.09
	26.7	19.7	14.4	6.99	21.2	15.5	7.21	22.4	16.4	7.35	18.6	13.5	7.39	20.0	14.6	7.62	21.1	15.4	7.77	17.2	12.5	7.73	18.5	13.5	7.97	19.6	14.3	8.12
	29.4	20.4	14.9	7.01	21.5	15.7	7.23	22.3	16.3	7.37	19.3	14.1	7.41	20.3	14.8	7.65	21.1	15.4	7.79	17.8	13.0	7.75	18.8	13.7	8.00	19.5	14.3	8.14
	32.2	21.1	15.4	7.03	21.7	15.9	7.25	22.2	16.2	7.39	19.9	14.5	7.44	20.5	15.0	7.67	21.0	15.3	7.81	18.4	13.4	7.77	19.0	13.9	8.02	19.4	14.2	8.17
1298	23.9	19.2	14.0	7.02	21.2	15.5	7.24	22.8	16.6	7.38	18.1	13.2	7.42	20.0	14.6	7.65	21.5	15.7	7.80	16.8	12.2	7.75	18.5	13.5	8.00	19.9	14.5	8.15
	26.7	20.0	14.6	7.04	21.6	15.7	7.26	22.8	16.6	7.40	18.9	13.8	7.44	20.4	14.9	7.68	21.5	15.7	7.82	17.5	12.8	7.78	18.9	13.8	8.02	19.9	14.5	8.17
	29.4	20.8	15.1	7.06	21.9	16.0	7.29	22.7	16.6	7.42	19.6	14.3	7.46	20.6	15.1	7.70	21.4	15.7	7.84	18.1	13.2	7.80	19.1	14.0	8.05	19.9	14.5	8.20
	32.2	21.4	15.6	7.08	22.1	16.1	7.31	22.6	16.5	7.44	20.2	14.8	7.49	20.9	15.2	7.72	21.3	15.6	7.87	18.7	13.7	7.82	19.3	14.1	8.07	19.7	14.4	8.22
1416	23.9	19.4	14.2	7.07	21.5	15.7	7.29	23.1	16.8	7.43	18.3	13.4	7.47	20.3	14.8	7.70	21.8	15.9	7.85	17.0	12.4	7.80	18.8	13.7	8.05	20.2	14.7	8.20
	26.7	20.3	14.8	7.09	21.8	15.9	7.32	23.1	16.9	7.45	19.1	14.0	7.49	20.6	15.1	7.73	21.8	15.9	7.87	17.7	12.9	7.83	19.1	13.9	8.07	20.2	14.7	8.22
	29.4	21.0	15.3	7.11	22.2	16.2	7.34	23.0	16.8	7.47	19.8	14.5	7.51	20.9	15.3	7.75	21.7	15.9	7.89	18.4	13.4	7.85	19.4	14.1	8.10	20.1	14.7	8.25
	32.2	21.7	15.8	7.13	22.4	16.4	7.36	22.9	16.7	7.50	20.5	15.0	7.54	21.1	15.4	7.77	21.6	15.8	7.92	19.0	13.9	7.87	19.6	14.3	8.12	20.0	14.6	8.27

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C090B(9)C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1133	23.9	23.6	18.4	8.59	26.1	13.9	8.87	28.1	6.2	9.03	22.8	18.8	9.48	25.2	14.2	9.78	27.1	6.3	9.96
	26.7	24.6	21.1	8.62	26.6	17.5	8.89	28.1	11.4	9.06	23.8	21.5	9.51	25.6	17.8	9.81	27.1	11.7	9.99
	29.4	25.6	23.2	8.65	27.0	21.0	8.92	28.0	15.8	9.08	24.7	23.6	9.54	26.0	21.4	9.84	27.0	16.1	10.02
	32.2	26.4	24.4	8.67	27.2	23.4	8.95	27.8	19.3	9.11	25.5	24.9	9.57	26.3	23.8	9.87	26.8	19.6	10.05
1274	23.9	24.7	19.6	8.67	27.3	14.9	8.94	29.4	6.6	9.11	23.8	20.0	9.55	26.4	15.2	9.86	28.3	6.7	10.04
	26.7	25.8	22.6	8.69	27.8	18.6	8.97	29.4	12.2	9.14	24.9	23.0	9.58	26.8	19.0	9.89	28.3	12.4	10.07
	29.4	26.8	24.7	8.72	28.2	22.4	9.00	29.3	16.9	9.16	25.8	25.2	9.61	27.2	22.9	9.92	28.3	17.2	10.10
	32.2	27.6	26.0	8.75	28.5	24.9	9.02	29.1	20.5	9.19	26.7	26.5	9.64	27.5	25.4	9.94	28.1	20.9	10.13
1416	23.9	25.4	21.1	8.74	28.0	16.0	9.02	30.2	7.0	9.19	24.5	21.5	9.67	27.1	16.3	9.97	29.1	7.2	10.16
	26.7	26.5	24.2	8.77	28.5	20.0	9.05	30.2	13.1	9.21	25.5	24.7	9.69	27.5	20.4	10.00	29.1	13.3	10.19
	29.4	27.5	26.5	8.80	29.0	24.1	9.07	30.1	18.1	9.24	26.5	26.5	9.72	27.9	24.5	10.03	29.0	18.5	10.22
	32.2	28.4	27.9	8.82	29.3	26.8	9.10	29.9	22.1	9.27	27.4	27.4	9.75	28.2	27.3	10.06	28.8	22.5	10.25
1557	23.9	25.8	22.1	8.82	28.5	16.7	9.10	30.7	7.4	9.26	24.9	22.5	9.70	27.5	17.0	10.01	29.6	7.5	10.19
	26.7	26.9	25.4	8.84	29.0	20.9	9.12	30.7	13.7	9.29	26.0	25.8	9.73	28.0	21.3	10.04	29.6	14.0	10.23
	29.4	27.9	27.8	8.87	29.5	25.2	9.15	30.6	19.0	9.32	26.9	26.9	9.76	28.4	25.7	10.07	29.5	19.3	10.26
	32.2	28.9	28.9	8.90	29.8	28.0	9.18	30.4	23.1	9.35	27.8	27.8	9.79	28.7	28.6	10.10	29.3	23.5	10.29
1699	23.9	26.1	22.8	8.89	28.9	17.2	9.17	31.1	7.6	9.34	25.2	23.2	9.78	27.9	17.6	10.09	30.0	7.8	10.27
	26.7	27.3	26.2	8.92	29.4	21.6	9.20	31.1	14.1	9.37	26.3	26.2	9.81	28.4	22.0	10.12	30.0	14.4	10.30
	29.4	28.3	28.3	8.94	29.8	26.0	9.23	31.0	19.6	9.40	27.3	27.3	9.84	28.8	26.5	10.15	29.9	19.9	10.33
	32.2	29.2	29.2	8.97	30.2	28.9	9.25	30.8	23.8	9.43	28.2	28.2	9.87	29.1	29.1	10.18	29.7	24.3	10.37

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1133	23.9	22.0	18.3	10.20	24.3	13.8	10.52	26.1	6.1	10.71	20.7	17.8	10.79	22.9	13.5	11.13	24.7	5.9	11.34	19.2	17.0	11.29	21.2	12.9	11.64	22.8	5.7	11.86
	26.7	22.9	21.0	10.23	24.7	17.3	10.55	26.1	11.4	10.75	21.6	20.4	10.82	23.3	16.9	11.16	24.7	11.1	11.37	20.0	19.5	11.32	21.6	16.1	11.68	22.9	10.5	11.89
	29.4	23.8	23.0	10.26	25.1	20.9	10.58	26.1	15.7	10.78	22.5	22.4	10.85	23.7	20.3	11.20	24.6	15.3	11.40	20.8	20.8	11.35	21.9	19.4	11.71	22.8	14.6	11.93
	32.2	24.6	24.2	10.29	25.4	23.2	10.61	25.9	19.1	10.81	23.2	23.2	10.89	23.9	22.6	11.23	24.5	18.6	11.44	21.5	21.5	11.39	22.2	21.5	11.75	22.6	17.8	11.97
1274	23.9	23.0	19.5	10.27	25.4	14.8	10.60	27.3	6.5	10.79	21.7	19.0	10.86	24.0	14.4	11.21	25.8	6.3	11.41	20.1	18.1	11.36	22.2	13.7	11.72	23.9	6.1	11.94
	26.7	24.0	22.4	10.30	25.9	18.5	10.63	27.4	12.1	10.82	22.7	21.8	10.90	24.4	18.0	11.24	25.8	11.8	11.45	21.0	20.8	11.40	22.6	17.2	11.76	23.9	11.3	11.97
	29.4	24.9	24.5	10.33	26.3	22.3	10.66	27.3	16.8	10.86	23.5	23.5	10.93	24.8	21.7	11.27	25.7	16.3	11.48	21.8	21.8	11.43	23.0	20.7	11.79	23.8	15.6	12.01
	32.2	25.7	25.7	10.36	26.5	24.7	10.69	27.1	20.4	10.89	24.3	24.3	10.96	25.1	24.1	11.31	25.6	19.9	11.52	22.5	22.5	11.46	23.2	23.0	11.83	23.7	19.0	12.05
1416	23.9	23.6	20.9	10.35	26.1	15.9	10.67	28.1	7.0	10.87	22.3	20.4	10.94	24.6	15.4	11.28	26.5	6.8	11.49	20.6	19.5	11.44	22.8	14.7	11.80	24.5	6.5	12.02
	26.7	24.6	24.1	10.38	26.6	19.9	10.70	28.1	13.0	10.90	23.3	23.3	10.97	25.1	19.3	11.32	26.5	12.7	11.53	21.5	21.5	11.47	23.2	18.4	11.83	24.5	12.1	12.05
	29.4	25.6	25.6	10.41	27.0	23.9	10.74	28.0	18.0	10.94	24.1	24.1	11.00	25.4	23.3	11.35	26.4	17.5	11.56	22.4	22.4	11.50	23.6	22.2	11.87	24.5	16.7	12.09
	32.2	26.4	26.4	10.44	27.3	26.6	10.77	27.8	21.9	10.97	24.9	24.9	11.04	25.7	25.7	11.39	26.3	21.3	11.60	23.1	23.1	11.54	23.8	23.8	11.90	24.3	20.3	12.12
1557	23.9	24.0	21.9	10.42	26.6	16.6	10.75	28.6	7.3	10.95	22.7	21.3	11.01	25.1	16.2	11.36	26.9	7.1	11.57	21.0	20.4	11.51	23.2	15.4	11.87	25.0	6.8	12.09
	26.7	25.1	25.1	10.45	27.0	20.8	10.78	28.6	13.6	10.98	23.7	23.7	11.05	25.5	20.2	11.39	27.0	13.3	11.61	21.9	21.9	11.54	23.6	19.3	11.91	25.0	12.6	12.13
	29.4	26.0	26.0	10.48	27.4	25.0	10.81	28.5	18.8	11.01	24.5	24.5	11.08	25.9	24.4	11.43	26.9	18.3	11.64	22.7	22.7	11.58	24.0	23.3	11.94	24.9	17.5	12.17
	32.2	26.9	26.9	10.51	27.7	27.7	10.85	28.3	22.9	11.05	25.3	25.3	11.11	26.2	26.2	11.46	26.7	22.3	11.68	23.5	23.5	11.61	24.2	24.2	11.98	24.7	21.3	12.20
1699	23.9	24.3	22.6	10.49	26.9	17.1	10.83	28.9	7.6	11.03	23.0	22.0	11.09	25.4	16.7	11.44	27.3	7.4	11.65	21.3	21.0	11.58	23.5	15.9	11.95	25.3	7.0	12.17
	26.7	25.4	25.4	10.53	27.4	21.4	10.86	28.9	14.0	11.06	24.0	24.0	11.12	25.8	20.9	11.47	27.3	13.7	11.68	22.2	22.2	11.62	23.9	19.9	11.99	25.3	13.0	12.21
	29.4	26.3	26.3	10.56	27.8	25.8	10.89	28.9	19.4	11.09	24.9	24.9	11.15	26.2	25.1	11.51	27.2	18.9	11.72	23.0	23.0	11.65	24.3	24.0	12.02	25.2	18.0	12.24
	32.2	27.2	27.2	10.59	28.1	28.1	10.92	28.7	23.7	11.13	25.7	25.7	11.19	26.5	26.5	11.54	27.1	23.0	11.75	23.8	23.8	11.69	24.5	24.5	12.06	25.1	22.0	12.28

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C102*C** (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1284	23.9	26.9	19.6	7.95	29.7	21.7	8.20	31.9	23.3	8.35	25.9	18.9	8.77	28.7	20.9	9.05	30.8	22.5	9.21
	26.7	28.0	20.5	7.97	30.3	22.1	8.23	32.0	23.3	8.38	27.1	19.7	8.80	29.2	21.3	9.07	30.8	22.5	9.24
	29.4	29.1	21.2	8.00	30.7	22.4	8.25	31.9	23.3	8.40	28.1	20.5	8.82	29.6	21.6	9.10	30.7	22.4	9.27
	32.2	30.1	21.9	8.02	31.0	22.6	8.28	31.7	23.1	8.43	29.0	21.2	8.85	29.9	21.8	9.13	30.6	22.3	9.30
1444	23.9	28.1	20.5	8.02	31.1	22.7	8.27	33.4	24.4	8.43	27.1	19.8	8.84	30.0	21.9	9.12	32.3	23.5	9.29
	26.7	29.3	21.4	8.04	31.7	23.1	8.30	33.4	24.4	8.45	28.3	20.7	8.87	30.5	22.3	9.14	32.3	23.6	9.31
	29.4	30.5	22.2	8.07	32.1	23.4	8.32	33.4	24.3	8.48	29.4	21.4	8.89	31.0	22.6	9.17	32.2	23.5	9.34
	32.2	31.5	23.0	8.09	32.5	23.7	8.35	33.2	24.2	8.50	30.3	22.2	8.92	31.3	22.9	9.20	32.0	23.3	9.37
1604	23.9	28.9	21.1	8.09	31.9	23.3	8.34	34.3	25.1	8.50	27.9	20.3	8.94	30.8	22.5	9.22	33.1	24.2	9.39
	26.7	30.1	22.0	8.11	32.5	23.7	8.37	34.3	25.1	8.52	29.1	21.2	8.97	31.4	22.9	9.25	33.1	24.2	9.42
	29.4	31.3	22.8	8.14	33.0	24.1	8.39	34.2	25.0	8.55	30.2	22.0	8.99	31.8	23.2	9.28	33.0	24.1	9.45
	32.2	32.3	23.6	8.16	33.3	24.3	8.42	34.0	24.8	8.57	31.2	22.7	9.02	32.1	23.5	9.31	32.8	24.0	9.48
1765	23.9	29.4	21.4	8.16	32.5	23.7	8.41	34.9	25.5	8.57	28.3	20.7	8.98	31.3	22.9	9.26	33.7	24.6	9.43
	26.7	30.6	22.4	8.18	33.1	24.1	8.44	34.9	25.5	8.60	29.6	21.6	9.00	31.9	23.3	9.29	33.7	24.6	9.46
	29.4	31.8	23.2	8.21	33.5	24.5	8.46	34.8	25.4	8.62	30.7	22.4	9.03	32.3	23.6	9.32	33.6	24.5	9.49
	32.2	32.8	24.0	8.23	33.9	24.7	8.49	34.6	25.3	8.65	31.7	23.1	9.06	32.7	23.9	9.34	33.4	24.4	9.52
1925	23.9	29.7	21.7	8.23	32.9	24.0	8.48	35.4	25.8	8.64	28.7	20.9	9.04	31.7	23.2	9.33	34.1	24.9	9.50
	26.7	31.0	22.7	8.25	33.5	24.4	8.51	35.4	25.8	8.67	29.9	21.9	9.07	32.3	23.6	9.36	34.1	24.9	9.53
	29.4	32.2	23.5	8.27	34.0	24.8	8.54	35.3	25.7	8.69	31.1	22.7	9.10	32.8	23.9	9.39	34.0	24.8	9.56
	32.2	33.3	24.3	8.30	34.3	25.1	8.56	35.1	25.6	8.72	32.1	23.4	9.13	33.1	24.2	9.41	33.8	24.7	9.59

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1284	23.9	25.0	18.3	9.43	27.7	20.2	9.73	29.7	21.7	9.91	23.6	17.2	9.98	26.1	19.1	10.3	28.1	20.5	10.5	21.9	16.0	10.4	24.2	17.7	10.8	26.0	19.0	11.0
	26.7	26.1	19.1	9.46	28.2	20.6	9.76	29.8	21.7	9.94	24.6	18.0	10.0	26.6	19.4	10.3	28.1	20.5	10.5	22.8	16.7	10.5	24.6	18.0	10.8	26.0	19.0	11.0
	29.4	27.1	19.8	9.49	28.6	20.9	9.79	29.7	21.7	9.97	25.6	18.7	10.0	27.0	19.7	10.4	28.0	20.4	10.6	23.7	17.3	10.5	25.0	18.2	10.8	25.9	18.9	11.0
	32.2	28.0	20.4	9.52	28.9	21.1	9.82	29.5	21.5	10.0	26.4	19.3	10.1	27.3	19.9	10.4	27.8	20.3	10.6	24.5	17.9	10.5	25.2	18.4	10.9	25.8	18.8	11.1
1444	23.9	26.2	19.1	9.50	29.0	21.1	9.80	31.1	22.7	9.98	24.7	18.0	10.1	27.3	19.9	10.4	29.4	21.4	10.6	22.9	16.7	10.5	25.3	18.5	10.8	27.2	19.9	11.0
	26.7	27.3	19.9	9.53	29.5	21.5	9.83	31.1	22.7	10.0	25.8	18.8	10.1	27.8	20.3	10.4	29.4	21.5	10.6	23.9	17.4	10.5	25.8	18.8	10.9	27.2	19.9	11.1
	29.4	28.4	20.7	9.56	29.9	21.8	9.86	31.1	22.7	10.0	26.8	19.5	10.1	28.2	20.6	10.4	29.3	21.4	10.6	24.8	18.1	10.6	26.1	19.1	10.9	27.1	19.8	11.1
	32.2	29.3	21.4	9.59	30.2	22.1	9.89	30.9	22.5	10.1	27.6	20.2	10.1	28.5	20.8	10.5	29.1	21.3	10.7	25.6	18.7	10.6	26.4	19.3	10.9	27.0	19.7	11.1
1604	23.9	26.9	19.6	9.57	29.7	21.7	9.87	32.0	23.3	10.1	25.4	18.5	10.1	28.0	20.5	10.4	30.2	22.0	10.6	23.5	17.2	10.6	26.0	19.0	10.9	27.9	20.4	11.1
	26.7	28.0	20.5	9.60	30.3	22.1	9.90	32.0	23.3	10.1	26.5	19.3	10.2	28.6	20.8	10.5	30.2	22.0	10.7	24.5	17.9	10.6	26.4	19.3	11.0	27.9	20.4	11.2
	29.4	29.1	21.2	9.63	30.7	22.4	9.93	31.9	23.3	10.1	27.5	20.1	10.2	29.0	21.1	10.5	30.1	22.0	10.7	25.4	18.6	10.6	26.8	19.6	11.0	27.9	20.3	11.2
	32.2	30.1	21.9	9.66	31.0	22.6	9.96	31.7	23.1	10.2	28.4	20.7	10.2	29.3	21.4	10.5	29.9	21.8	10.7	26.3	19.2	10.7	27.1	19.8	11.0	27.7	20.2	11.2
1765	23.9	27.3	20.0	9.64	30.2	22.1	9.94	32.5	23.7	10.1	25.8	18.8	10.2	28.5	20.8	10.5	30.7	22.4	10.7	23.9	17.4	10.7	26.4	19.3	11.0	28.4	20.7	11.2
	26.7	28.5	20.8	9.67	30.8	22.5	9.97	32.5	23.7	10.2	26.9	19.7	10.2	29.0	21.2	10.5	30.7	22.4	10.7	24.9	18.2	10.7	26.9	19.6	11.0	28.4	20.7	11.2
	29.4	29.6	21.6	9.70	31.2	22.8	10.0	32.4	23.7	10.2	27.9	20.4	10.3	29.5	21.5	10.6	30.6	22.3	10.8	25.9	18.9	10.7	27.3	19.9	11.1	28.3	20.7	11.3
	32.2	30.6	22.3	9.73	31.6	23.0	10.0	32.2	23.5	10.2	28.9	21.1	10.3	29.8	21.7	10.6	30.4	22.2	10.8	26.7	19.5	10.7	27.6	20.1	11.1	28.2	20.6	11.3
1925	23.9	27.7	20.2	9.71	30.6	22.4	10.0	32.9	24.0	10.2	26.1	19.1	10.3	28.9	21.1	10.6	31.1	22.7	10.8	24.2	17.7	10.7	26.8	19.5	11.1	28.8	21.0	11.3
	26.7	28.9	21.1	9.74	31.2	22.8	10.0	32.9	24.0	10.2	27.3	19.9	10.3	29.4	21.5	10.6	31.1	22.7	10.8	25.3	18.4	10.8	27.2	19.9	11.1	28.8	21.0	11.3
	29.4	30.0	21.9	9.77	31.6	23.1	10.1	32.8	24.0	10.3	28.3	20.7	10.3	29.8	21.8	10.6	31.0	22.6	10.8	26.2	19.1	10.8	27.6	20.2	11.1	28.7	21.0	11.3
	32.2	31.0	22.6	9.80	32.0	23.3	10.1	32.6	23.8	10.3	29.2	21.3	10.4	30.2	22.0	10.7	30.8	22.5	10.9	27.1	19.8	10.8	27.9	20.4	11.2	28.5	20.8	11.4

Notes:

1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C120B(9)C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1510	23.9	31.6	25.3	9.63	35.0	19.2	9.93	37.6	8.5	10.11	30.5	25.8	10.62	33.7	19.5	10.95	36.3	8.6	11.16
	26.7	33.0	29.1	9.65	35.6	24.0	9.96	37.6	15.7	10.14	31.8	29.6	10.65	34.3	24.5	10.99	36.3	16.0	11.19
	29.4	34.2	31.9	9.68	36.1	28.9	9.99	37.5	21.8	10.17	33.0	32.5	10.68	34.8	29.5	11.02	36.2	22.2	11.22
	32.2	35.4	33.6	9.71	36.5	32.1	10.02	37.3	26.5	10.20	34.1	34.1	10.71	35.2	32.7	11.05	36.0	27.0	11.26
1699	23.9	33.1	27.0	9.71	36.6	20.5	10.01	39.3	9.0	10.20	31.9	27.5	10.70	35.3	20.8	11.04	38.0	9.2	11.24
	26.7	34.5	31.0	9.74	37.2	25.6	10.05	39.4	16.8	10.23	33.3	31.6	10.73	35.9	26.1	11.07	38.0	17.1	11.28
	29.4	35.8	34.0	9.77	37.8	30.9	10.08	39.2	23.2	10.26	34.6	34.6	10.77	36.5	31.4	11.10	37.9	23.7	11.31
	32.2	37.0	35.8	9.80	38.2	34.3	10.11	39.0	28.3	10.29	35.7	35.7	10.80	36.8	34.9	11.14	37.6	28.8	11.34
1888	23.9	34.0	29.0	9.79	37.6	22.0	10.10	40.4	9.7	10.29	32.8	29.6	10.82	36.2	22.4	11.17	39.0	9.9	11.37
	26.7	35.4	33.3	9.82	38.2	27.5	10.13	40.4	18.0	10.32	34.2	33.9	10.86	36.9	28.0	11.20	39.0	18.4	11.41
	29.4	36.8	36.5	9.85	38.8	33.1	10.16	40.3	24.9	10.35	35.5	35.5	10.89	37.4	33.8	11.23	38.9	25.4	11.44
	32.2	38.0	38.0	9.88	39.2	36.8	10.19	40.0	30.3	10.38	36.7	36.7	10.92	37.8	37.5	11.27	38.6	30.9	11.48
2076	23.9	34.6	30.4	9.88	38.2	23.0	10.19	41.1	10.2	10.38	33.3	31.0	10.87	36.9	23.4	11.21	39.6	10.3	11.42
	26.7	36.1	34.9	9.90	38.9	28.8	10.22	41.1	18.9	10.41	34.8	34.8	10.90	37.5	29.4	11.24	39.6	19.2	11.45
	29.4	37.4	37.4	9.93	39.5	34.7	10.25	41.0	26.1	10.44	36.1	36.1	10.93	38.1	35.3	11.28	39.5	26.6	11.49
	32.2	38.6	38.6	9.96	39.9	38.5	10.28	40.7	31.8	10.47	37.3	37.3	10.97	38.5	38.5	11.31	39.3	32.4	11.52
2265	23.9	35.0	31.3	9.96	38.7	23.7	10.27	41.6	10.5	10.46	33.8	31.9	10.95	37.3	24.2	11.30	40.1	10.7	11.51
	26.7	36.5	36.0	9.99	39.4	29.7	10.30	41.6	19.5	10.49	35.2	35.2	10.98	38.0	30.3	11.33	40.2	19.8	11.54
	29.4	37.9	37.9	10.02	40.0	35.8	10.33	41.5	26.9	10.53	36.6	36.6	11.02	38.6	36.5	11.36	40.0	27.4	11.57
	32.2	39.1	39.1	10.05	40.4	39.8	10.37	41.3	32.8	10.56	37.8	37.8	11.05	39.0	39.0	11.40	39.8	33.4	11.61

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1510	23.9	29.4	25.1	11.42	32.6	19.0	11.78	35.0	8.4	12.00	27.8	24.5	12.08	30.7	18.5	12.47	33.0	8.2	12.70	25.7	23.4	12.64	28.5	17.7	13.04	30.6	7.8	13.28
	26.7	30.7	28.9	11.46	33.1	23.8	11.82	35.0	15.6	12.04	29.0	28.1	12.12	31.3	23.2	12.50	33.0	15.2	12.73	26.9	26.8	12.68	29.0	22.1	13.08	30.6	14.5	13.32
	29.4	31.9	31.6	11.49	33.6	28.7	11.85	34.9	21.6	12.07	30.1	30.1	12.16	31.7	28.0	12.54	32.9	21.0	12.77	27.9	27.9	12.72	29.4	26.7	13.12	30.5	20.1	13.36
	32.2	32.9	32.9	11.52	34.0	31.9	11.89	34.7	26.3	12.11	31.1	31.1	12.19	32.1	31.1	12.58	32.7	25.6	12.81	28.8	28.8	12.76	29.7	29.6	13.16	30.3	24.4	13.40
1699	23.9	30.8	26.8	11.50	34.1	20.3	11.87	36.6	9.0	12.09	29.1	26.1	12.17	32.1	19.8	12.55	34.6	8.7	12.78	26.9	24.9	12.72	29.8	18.9	13.13	32.0	8.3	13.37
	26.7	32.1	30.8	11.54	34.7	25.4	11.90	36.6	16.7	12.12	30.3	30.0	12.20	32.7	24.8	12.59	34.6	16.2	12.82	28.1	28.1	12.76	30.3	23.6	13.17	32.0	15.5	13.41
	29.4	33.4	33.4	11.57	35.2	30.6	11.94	36.5	23.0	12.16	31.5	31.5	12.24	33.2	29.8	12.63	34.5	22.4	12.86	29.2	29.2	12.80	30.8	28.5	13.21	31.9	21.4	13.45
	32.2	34.5	34.5	11.61	35.6	34.0	11.97	36.3	28.1	12.20	32.5	32.5	12.28	33.6	33.1	12.66	34.3	27.3	12.90	30.1	30.1	12.84	31.1	31.1	13.24	31.7	26.1	13.49
1888	23.9	31.6	28.8	11.59	35.0	21.8	11.95	37.6	9.6	12.17	29.9	28.0	12.25	33.0	21.2	12.64	35.5	9.4	12.87	27.6	26.8	12.81	30.6	20.3	13.21	32.9	8.9	13.46
	26.7	33.0	33.0	11.62	35.6	27.3	11.99	37.6	17.9	12.21	31.1	31.1	12.29	33.6	26.6	12.68	35.5	17.4	12.91	28.8	28.8	12.85	31.1	25.4	13.25	32.9	16.6	13.50
	29.4	34.2	34.2	11.66	36.1	32.9	12.02	37.5	24.7	12.25	32.3	32.3	12.32	34.1	32.0	12.71	35.4	24.1	12.95	29.9	29.9	12.89	31.6	30.6	13.29	32.8	23.0	13.54
	32.2	35.4	35.4	11.69	36.5	36.5	12.06	37.3	30.1	12.28	33.4	33.4	12.36	34.4	34.4	12.75	35.2	29.3	12.99	30.9	30.9	12.92	31.9	31.9	13.33	32.6	28.0	13.58
2076	23.9	32.2	30.2	11.67	35.6	22.8	12.04	38.2	10.1	12.26	30.4	29.4	12.33	33.6	22.2	12.72	36.1	9.8	12.96	28.1	28.0	12.89	31.1	21.2	13.30	33.4	9.4	13.54
	26.7	33.6	33.6	11.71	36.2	28.6	12.07	38.3	18.7	12.30	31.7	31.7	12.37	34.2	27.8	12.76	36.1	18.2	13.00	29.3	29.3	12.93	31.7	26.6	13.34	33.4	17.4	13.59
	29.4	34.8	34.8	11.74	36.7	34.4	12.11	38.2	25.9	12.34	32.9	32.9	12.41	34.7	33.5	12.80	36.0	25.2	13.04	30.4	30.4	12.97	32.1	32.0	13.38	33.3	24.1	13.63
	32.2	36.0	36.0	11.78	37.1	37.1	12.15	37.9	31.6	12.37	34.0	34.0	12.45	35.0	35.0	12.84	35.8	30.7	13.08	31.4	31.4	13.01	32.5	32.5	13.42	33.1	29.3	13.67
2265	23.9	32.6	31.1	11.75	36.0	23.6	12.12	38.7	10.4	12.35	30.8	30.3	12.42	34.0	22.9	12.81	36.6	10.1	13.05	28.5	28.5	12.97	31.5	21.9	13.38	33.9	9.7	13.63
	26.7	34.0	34.0	11.79	36.7	29.5	12.16	38.8	19.3	12.39	32.1	32.1	12.45	34.6	28.7	12.85	36.6	18.8	13.09	29.7	29.7	13.01	32.1	27.4	13.42	33.9	17.9	13.67
	29.4	35.3	35.3	11.82	37.2	35.5	12.20	38.6	26.7	12.42	33.3	33.3	12.49	35.1	34.6	12.89	36.5	26.0	13.13	30.8	30.8	13.05	32.5	32.5	13.46	33.8	24.8	13.71
	32.2	36.4	36.4	11.86	37.6	37.6	12.23	38.4	32.5	12.46	34.4	34.4	12.53	35.5	35.5	12.92	36.2	31.7	13.16	31.9	31.9	13.09	32.9	32.9	13.50	33.6	30.2	13.76

Notes:

1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C150*C** (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1888	23.9	37.9	30.0	12.39	41.9	22.7	12.78	45.1	10.0	13.02	36.6	30.5	13.67	40.5	23.1	14.10	43.5	10.2	14.36
	26.7	39.6	34.4	12.43	42.7	28.4	12.82	45.1	18.6	13.06	38.2	35.1	13.71	41.2	29.0	14.14	43.5	19.0	14.41
	29.4	41.1	37.7	12.47	43.3	34.2	12.86	45.0	25.7	13.10	39.6	38.4	13.75	41.8	34.9	14.19	43.4	26.2	14.45
	32.2	42.4	39.7	12.50	43.8	38.0	12.90	44.7	31.4	13.14	40.9	40.5	13.79	42.2	38.8	14.23	43.1	31.9	14.49
2124	23.9	39.7	32.0	12.50	43.9	24.2	12.89	47.2	10.7	13.13	38.3	32.6	13.78	42.3	24.7	14.21	45.5	10.9	14.48
	26.7	41.4	36.7	12.54	44.7	30.3	12.93	47.2	19.9	13.17	40.0	37.4	13.82	43.1	30.9	14.25	45.5	20.2	14.52
	29.4	43.0	40.2	12.58	45.3	36.5	12.97	47.1	27.5	13.21	41.5	41.0	13.86	43.7	37.2	14.30	45.4	28.0	14.56
	32.2	44.4	42.4	12.61	45.8	40.6	13.01	46.8	33.4	13.25	42.8	42.8	13.90	44.2	41.3	14.34	45.1	34.1	14.61
2360	23.9	40.7	34.3	12.61	45.1	26.0	13.00	48.4	11.5	13.25	39.3	35.0	13.94	43.5	26.5	14.38	46.7	11.7	14.64
	26.7	42.5	39.4	12.65	45.9	32.6	13.04	48.5	21.3	13.29	41.0	40.2	13.98	44.2	33.2	14.42	46.7	21.7	14.69
	29.4	44.1	43.2	12.68	46.5	39.2	13.08	48.3	29.5	13.33	42.6	42.6	14.02	44.9	40.0	14.46	46.6	30.1	14.73
	32.2	45.6	45.5	12.72	47.0	43.6	13.12	48.0	35.9	13.37	44.0	44.0	14.06	45.4	44.4	14.51	46.3	36.6	14.78
2595	23.9	41.4	35.9	12.71	45.8	27.2	13.12	49.3	12.0	13.36	40.0	36.6	13.99	44.2	27.7	14.43	47.5	12.2	14.70
	26.7	43.2	41.3	12.75	46.6	34.1	13.15	49.3	22.3	13.40	41.7	41.7	14.03	45.0	34.7	14.48	47.5	22.8	14.75
	29.4	44.9	44.9	12.79	47.3	41.1	13.19	49.1	30.9	13.44	43.3	43.3	14.08	45.6	41.8	14.52	47.4	31.5	14.79
	32.2	46.3	46.3	12.83	47.8	45.6	13.23	48.8	37.6	13.48	44.7	44.7	14.12	46.1	46.1	14.56	47.1	38.3	14.83
2831	23.9	42.0	37.1	12.82	46.4	28.1	13.23	49.9	12.4	13.47	40.5	37.8	14.10	44.8	28.6	14.54	48.1	12.6	14.81
	26.7	43.8	42.6	12.86	47.2	35.2	13.27	49.9	23.0	13.51	42.3	42.3	14.14	45.6	35.8	14.59	48.2	23.5	14.86
	29.4	45.5	45.5	12.90	47.9	42.3	13.31	49.8	31.9	13.55	43.8	43.8	14.18	46.2	43.2	14.63	48.0	32.5	14.90
	32.2	46.9	46.9	12.94	48.4	47.0	13.35	49.5	38.8	13.59	45.3	45.3	14.23	46.7	46.7	14.67	47.7	39.5	14.95

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
1888	23.9	35.3	29.8	14.70	39.0	22.5	15.17	42.0	9.9	15.45	33.3	29.0	15.56	36.8	21.9	16.05	39.6	9.7	16.35	30.9	27.6	16.28	34.1	20.9	16.79	36.7	9.2	17.10
	26.7	36.8	34.2	14.75	39.7	28.2	15.21	42.0	18.5	15.50	34.8	33.3	15.61	37.5	27.5	16.10	39.6	18.0	16.40	32.2	31.7	16.32	34.7	26.2	16.84	36.7	17.2	17.15
	29.4	38.2	37.5	14.79	40.3	34.0	15.26	41.9	25.6	15.54	36.1	36.1	15.65	38.0	33.1	16.15	39.5	24.9	16.45	33.4	33.4	16.37	35.2	31.6	16.89	36.6	23.7	17.20
	32.2	39.5	39.4	14.84	40.8	37.8	15.30	41.6	31.1	15.59	37.3	37.3	15.70	38.5	36.8	16.19	39.3	30.3	16.49	34.5	34.5	16.42	35.6	35.1	16.94	36.4	28.9	17.26
2124	23.9	37.0	31.8	14.81	40.9	24.0	15.28	43.9	10.6	15.56	34.9	30.9	15.67	38.6	23.4	16.16	41.5	10.3	16.46	32.3	29.5	16.38	35.7	22.3	16.90	38.4	9.9	17.21
	26.7	38.6	36.5	14.86	41.6	30.1	15.32	43.9	19.7	15.61	36.4	35.5	15.71	39.3	29.3	16.21	41.5	19.2	16.51	33.7	33.7	16.43	36.4	28.0	16.95	38.4	18.3	17.27
	29.4	40.0	40.0	14.90	42.2	36.3	15.37	43.8	27.3	15.66	37.8	37.8	15.76	39.8	35.3	16.26	41.4	26.5	16.56	35.0	35.0	16.48	36.9	33.7	17.00	38.3	25.3	17.32
	32.2	41.3	41.3	14.94	42.6	40.3	15.42	43.6	33.2	15.70	39.0	39.0	15.81	40.2	39.2	16.31	41.1	32.3	16.61	36.1	36.1	16.53	37.3	37.3	17.05	38.1	30.9	17.37
2360	23.9	37.9	34.1	14.92	41.9	25.8	15.39	45.1	11.4	15.67	35.8	33.2	15.77	39.6	25.1	16.27	42.6	11.1	16.57	33.2	31.7	16.49	36.7	24.0	17.01	39.4	10.6	17.33
	26.7	39.6	39.2	14.96	42.7	32.3	15.44	45.1	21.2	15.72	37.4	37.4	15.82	40.3	31.5	16.32	42.6	20.6	16.62	34.6	34.6	16.54	37.3	30.0	17.06	39.4	19.7	17.38
	29.4	41.1	41.1	15.01	43.3	38.9	15.48	45.0	29.3	15.77	38.8	38.8	15.87	40.9	37.9	16.37	42.5	28.5	16.67	35.9	35.9	16.59	37.9	36.2	17.11	39.3	27.2	17.43
	32.2	42.4	42.4	15.05	43.8	43.3	15.53	44.7	35.7	15.82	40.0	40.0	15.92	41.3	41.3	16.42	42.2	34.7	16.72	37.1	37.1	16.64	38.3	38.3	17.16	39.1	33.1	17.48
2595	23.9	38.6	35.7	15.03	42.7	27.0	15.50	45.9	11.9	15.79	36.4	34.7	15.88	40.3	26.3	16.38	43.3	11.6	16.68	33.7	33.2	16.60	37.3	25.1	17.12	40.1	11.1	17.44
	26.7	40.3	40.3	15.07	43.4	33.9	15.55	45.9	22.2	15.83	38.0	38.0	15.93	41.0	32.9	16.43	43.3	21.6	16.74	35.2	35.2	16.65	38.0	31.4	17.17	40.1	20.6	17.49
	29.4	41.8	41.8	15.12	44.1	40.8	15.59	45.8	30.7	15.88	39.4	39.4	15.98	41.6	39.7	16.48	43.2	29.8	16.79	36.5	36.5	16.70	38.5	37.9	17.22	40.0	28.5	17.54
	32.2	43.1	43.1	15.16	44.5	44.5	15.64	45.5	37.3	15.93	40.7	40.7	16.02	42.0	42.0	16.53	42.9	36.3	16.84	37.7	37.7	16.75	38.9	38.9	17.28	39.8	34.7	17.60
2831	23.9	39.1	36.8	15.13	43.2	27.9	15.61	46.5	12.3	15.90	36.9	35.8	15.99	40.8	27.1	16.49	43.8	12.0	16.80	34.2	34.2	16.70	37.8	25.9	17.23	40.6	11.4	17.55
	26.7	40.8	40.8	15.18	44.0	34.9	15.66	46.5	22.9	15.95	38.5	38.5	16.04	41.5	34.0	16.54	43.9	22.3	16.85	35.6	35.6	16.75	38.4	32.4	17.28	40.6	21.2	17.60
	29.4	42.3	42.3	15.22	44.6	42.1	15.70	46.3	31.6	16.00	39.9	39.9	16.08	42.1	40.9	16.59	43.7	30.8	16.90	37.0	37.0	16.81	39.0	39.0	17.34	40.5	29.4	17.66
	32.2	43.7	43.7	15.27	45.1	45.1	15.75	46.1	38.5	16.04	41.2	41.2	16.13	42.6	42.6	16.64	43.5	37.5	16.95	38.2	38.2	16.86	39.4	39.4	17.39	40.3	35.8	17.71

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C180B(D/9)C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2265	23.9	48.0	38.9	14.42	53.0	29.5	14.88	57.0	13.0	15.15	46.3	39.7	15.91	51.2	30.0	16.41	55.0	13.3	16.71
	26.7	50.1	44.7	14.46	54.0	36.9	14.92	57.1	24.2	15.20	48.3	45.5	15.96	52.1	37.6	16.46	55.0	24.6	16.76
	29.4	51.9	49.0	14.51	54.8	44.4	14.97	56.9	33.4	15.24	50.1	49.9	16.00	52.8	45.3	16.51	54.9	34.1	16.81
	32.2	53.7	51.6	14.55	55.4	49.4	15.01	56.5	40.7	15.29	51.8	51.8	16.05	53.4	50.3	16.56	54.6	41.5	16.86
2548	23.9	50.2	41.5	14.55	55.5	31.4	15.00	59.7	13.9	15.28	48.4	42.3	16.03	53.6	32.0	16.54	57.6	14.1	16.84
	26.7	52.4	47.7	14.59	56.5	39.4	15.05	59.7	25.8	15.33	50.5	48.6	16.08	54.5	40.1	16.59	57.6	26.3	16.90
	29.4	54.4	52.3	14.63	57.3	47.4	15.09	59.5	35.7	15.38	52.4	52.4	16.13	55.3	48.3	16.64	57.4	36.4	16.95
	32.2	56.1	55.0	14.68	57.9	52.7	15.14	59.2	43.4	15.42	54.2	54.2	16.18	55.9	53.7	16.69	57.1	44.3	17.00
2831	23.9	51.5	44.6	14.67	57.0	33.8	15.13	61.3	14.9	15.41	49.7	45.4	16.22	55.0	34.4	16.73	59.1	15.2	17.04
	26.7	53.8	51.2	14.71	58.0	42.3	15.18	61.3	27.7	15.46	51.9	51.9	16.27	56.0	43.1	16.78	59.1	28.2	17.09
	29.4	55.8	55.8	14.76	58.8	50.9	15.22	61.1	38.3	15.51	53.8	53.8	16.32	56.8	51.9	16.83	59.0	39.0	17.14
	32.2	57.6	57.6	14.80	59.5	56.6	15.27	60.7	46.6	15.55	55.6	55.6	16.36	57.4	57.4	16.88	58.6	47.5	17.19
3115	23.9	52.4	46.7	14.80	58.0	35.4	15.26	62.3	15.6	15.55	50.6	47.6	16.28	55.9	36.0	16.80	60.1	15.9	17.11
	26.7	54.7	53.6	14.84	59.0	44.3	15.31	62.3	29.0	15.59	52.8	52.8	16.33	56.9	45.1	16.85	60.1	29.5	17.16
	29.4	56.8	56.8	14.88	59.9	53.3	15.35	62.2	40.1	15.64	54.8	54.8	16.38	57.7	54.3	16.90	60.0	40.9	17.21
	32.2	58.6	58.6	14.93	60.5	59.2	15.40	61.8	48.8	15.69	56.6	56.6	16.43	58.4	58.4	16.95	59.6	49.8	17.26
3398	23.9	53.1	48.2	14.92	58.7	36.5	15.39	63.1	16.1	15.68	51.2	49.1	16.41	56.6	37.2	16.92	60.9	16.4	17.24
	26.7	55.4	55.3	14.96	59.8	45.7	15.44	63.1	29.9	15.72	53.4	53.4	16.46	57.7	46.5	16.97	60.9	30.5	17.29
	29.4	57.5	57.5	15.01	60.6	55.0	15.48	63.0	41.4	15.77	55.5	55.5	16.50	58.5	56.0	17.03	60.7	42.2	17.34
	32.2	59.4	59.4	15.05	61.3	61.1	15.53	62.6	50.4	15.82	57.3	57.3	16.55	59.1	59.1	17.08	60.4	51.3	17.39

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2265	23.9	44.7	38.7	17.11	49.4	29.3	17.65	53.1	12.9	17.98	42.2	37.6	18.10	46.6	28.5	18.68	50.1	12.6	19.02	39.0	35.9	18.94	43.2	27.2	19.54	46.4	12.0	19.90
	26.7	46.6	44.4	17.16	50.3	36.7	17.70	53.1	24.0	18.03	44.0	43.2	18.16	47.4	35.7	18.73	50.1	23.4	19.08	40.7	40.7	19.00	43.9	34.0	19.60	46.4	22.3	19.96
	29.4	48.4	48.4	17.21	51.0	44.1	17.76	53.0	33.2	18.09	45.6	45.6	18.21	48.1	43.0	18.79	50.0	32.3	19.14	42.3	42.3	19.05	44.6	41.0	19.65	46.3	30.8	20.02
	32.2	50.0	50.0	17.27	51.5	49.0	17.81	52.6	40.4	18.14	47.1	47.1	18.27	48.6	47.7	18.84	49.7	39.3	19.19	43.7	43.7	19.11	45.1	45.1	19.71	46.0	37.6	20.08
2548	23.9	46.7	41.2	17.24	51.7	31.2	17.78	55.6	13.8	18.11	44.1	40.1	18.23	48.8	30.4	18.80	52.4	13.4	19.15	40.9	38.3	19.06	45.2	29.0	19.67	48.6	12.8	20.03
	26.7	48.8	47.4	17.29	52.6	39.1	17.83	55.6	25.6	18.16	46.0	46.0	18.28	49.7	38.1	18.86	52.5	24.9	19.21	42.6	42.6	19.12	46.0	36.3	19.72	48.6	23.8	20.09
	29.4	50.6	50.6	17.34	53.4	47.1	17.89	55.4	35.4	18.22	47.8	47.8	18.34	50.4	45.8	18.92	52.3	34.5	19.27	44.2	44.2	19.18	46.7	43.7	19.78	48.5	32.9	20.15
	32.2	52.3	52.3	17.39	53.9	52.3	17.94	55.1	43.1	18.27	49.3	49.3	18.39	50.9	50.9	18.97	52.0	42.0	19.33	45.7	45.7	19.24	47.2	47.2	19.84	48.2	40.1	20.21
2831	23.9	48.0	44.3	17.36	53.1	33.5	17.91	57.0	14.8	18.24	45.3	43.1	18.35	50.1	32.6	18.93	53.8	14.4	19.28	41.9	41.1	19.19	46.4	31.1	19.79	49.9	13.7	20.16
	26.7	50.1	50.1	17.41	54.0	42.0	17.96	57.1	27.5	18.29	47.2	47.2	18.41	51.0	40.9	18.99	53.9	26.8	19.34	43.8	43.8	19.25	47.2	39.0	19.85	49.9	25.5	20.22
	29.4	52.0	52.0	17.46	54.8	50.6	18.02	56.9	38.0	18.35	49.0	49.0	18.46	51.7	49.2	19.05	53.7	37.0	19.40	45.4	45.4	19.30	47.9	47.0	19.91	49.7	35.3	20.28
	32.2	53.7	53.7	17.52	55.4	55.4	18.07	56.6	46.3	18.40	50.6	50.6	18.52	52.3	52.3	19.10	53.4	45.1	19.46	46.9	46.9	19.36	48.4	48.4	19.97	49.4	43.0	20.34
3115	23.9	48.8	46.4	17.48	54.0	35.1	18.04	58.0	15.5	18.37	46.1	45.1	18.48	50.9	34.2	19.06	54.7	15.1	19.42	42.7	42.7	19.31	47.2	32.6	19.92	50.7	14.4	20.29
	26.7	50.9	50.9	17.54	54.9	44.0	18.09	58.0	28.8	18.43	48.1	48.1	18.53	51.8	42.8	19.12	54.8	28.0	19.47	44.5	44.5	19.37	48.0	40.8	19.98	50.7	26.7	20.35
	29.4	52.8	52.8	17.59	55.7	52.9	18.14	57.9	39.8	18.48	49.9	49.9	18.59	52.6	51.5	19.18	54.6	38.8	19.53	46.2	46.2	19.43	48.7	48.7	20.04	50.6	37.0	20.41
	32.2	54.6	54.6	17.64	56.3	56.3	18.20	57.5	48.5	18.54	51.5	51.5	18.65	53.2	53.2	19.23	54.3	47.2	19.59	47.7	47.7	19.49	49.2	49.2	20.10	50.3	45.0	20.48
3398	23.9	49.4	47.8	17.61	54.7	36.2	18.17	58.8	16.0	18.50	46.7	46.5	18.60	51.6	35.2	19.19	55.5	15.6	19.55	43.2	43.2	19.44	47.8	33.6	20.05	51.4	14.8	20.42
	26.7	51.6	51.6	17.66	55.6	45.4	18.22	58.8	29.7	18.56	48.7	48.7	18.66	52.5	44.1	19.25	55.5	28.9	19.61	45.1	45.1	19.50	48.6	42.1	20.11	51.4	27.6	20.49
	29.4	53.5	53.5	17.72	56.4	54.6	18.27	58.6	41.1	18.61	50.5	50.5	18.72	53.3	53.2	19.31	55.3	40.0	19.66	46.8	46.8	19.56	49.3	49.3	20.17	51.2	38.2	20.55
	32.2	55.3	55.3	17.77	57.0	57.0	18.33	58.3	50.0	18.67	52.2	52.2	18.77	53.8	53.8	19.36	55.0	48.7	19.72	48.3	48.3	19.61	49.9	49.9	20.23	50.9	46.5	20.61

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C210B(9)C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2643	23.9	52.3	40.7	17.39	57.8	30.8	17.93	62.1	13.6	18.27	50.4	41.5	19.18	55.7	31.4	19.78	59.9	13.9	20.15
	26.7	54.5	46.8	17.44	58.8	38.6	17.99	62.1	25.3	18.32	52.6	47.7	19.24	56.7	39.4	19.84	59.9	25.8	20.21
	29.4	56.6	51.3	17.49	59.7	46.5	18.04	62.0	35.0	18.38	54.6	52.2	19.29	57.5	47.4	19.90	59.8	35.7	20.27
	32.2	58.4	54.0	17.54	60.3	51.7	18.10	61.6	42.6	18.43	56.4	55.0	19.35	58.2	52.7	19.96	59.4	43.4	20.33
2973	23.9	54.7	43.5	17.54	60.5	32.9	18.09	65.0	14.5	18.43	52.8	44.3	19.33	58.3	33.5	19.94	62.7	14.8	20.31
	26.7	57.0	49.9	17.59	61.5	41.2	18.14	65.0	27.0	18.48	55.0	50.8	19.39	59.4	42.0	20.00	62.7	27.5	20.37
	29.4	59.2	54.7	17.64	62.4	49.6	18.20	64.8	37.3	18.54	57.1	55.7	19.44	60.2	50.6	20.06	62.6	38.0	20.43
	32.2	61.1	57.6	17.69	63.1	55.1	18.25	64.4	45.5	18.59	59.0	58.7	19.50	60.9	56.2	20.12	62.2	46.3	20.49
3303	23.9	56.1	46.7	17.69	62.1	35.3	18.24	66.7	15.6	18.58	54.2	47.5	19.55	59.9	36.0	20.17	64.4	15.9	20.54
	26.7	58.6	53.6	17.74	63.2	44.2	18.30	66.7	29.0	18.64	56.5	54.6	19.61	60.9	45.1	20.23	64.4	29.5	20.61
	29.4	60.8	58.7	17.79	64.1	53.3	18.35	66.6	40.1	18.70	58.6	58.6	19.67	61.8	54.3	20.29	64.2	40.8	20.67
	32.2	62.8	61.8	17.85	64.8	59.2	18.41	66.2	48.8	18.75	60.6	60.6	19.73	62.5	60.3	20.35	63.8	49.7	20.73
3634	23.9	57.1	48.8	17.84	63.1	37.0	18.40	67.9	16.3	18.74	55.1	49.8	19.63	60.9	37.7	20.25	65.5	16.6	20.62
	26.7	59.6	56.1	17.89	64.3	46.3	18.46	67.9	30.3	18.80	57.5	57.2	19.69	62.0	47.2	20.31	65.5	30.9	20.69
	29.4	61.8	61.5	17.94	65.2	55.8	18.51	67.7	42.0	18.85	59.6	59.6	19.75	62.9	56.9	20.37	65.3	42.8	20.75
	32.2	63.8	63.8	18.00	65.9	62.0	18.57	67.3	51.1	18.91	61.6	61.6	19.81	63.6	63.2	20.43	64.9	52.1	20.81
3964	23.9	57.8	50.4	17.99	63.9	38.2	18.55	68.7	16.8	18.90	55.8	51.4	19.78	61.7	38.9	20.40	66.3	17.2	20.78
	26.7	60.3	57.9	18.04	65.1	47.8	18.61	68.8	31.3	18.96	58.2	57.9	19.84	62.8	48.7	20.46	66.3	31.9	20.84
	29.4	62.6	62.6	18.10	66.0	57.5	18.67	68.6	43.3	19.01	60.4	60.4	19.90	63.7	58.6	20.53	66.1	44.1	20.91
	32.2	64.7	64.7	18.15	66.7	63.9	18.72	68.2	52.7	19.07	62.4	62.4	19.96	64.4	64.4	20.59	65.7	53.7	20.97

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2643	23.9	48.6	40.4	20.63	53.8	30.6	21.28	57.8	13.5	21.67	45.9	39.4	21.83	50.8	29.8	22.52	54.6	13.2	22.93	42.5	37.6	22.83	47.0	28.4	23.55	50.5	12.6	23.99
	26.7	50.8	46.4	20.69	54.7	38.4	21.34	57.8	25.1	21.74	47.9	45.2	21.89	51.7	37.3	22.58	54.6	24.4	23.00	44.4	43.1	22.90	47.9	35.6	23.62	50.6	23.3	24.06
	29.4	52.7	50.9	20.75	55.5	46.2	21.41	57.7	34.7	21.80	49.7	49.5	21.96	52.4	45.0	22.65	54.4	33.8	23.07	46.0	46.0	22.97	48.5	42.9	23.70	50.4	32.3	24.14
	32.2	54.4	53.6	20.81	56.1	51.3	21.47	57.3	42.3	21.87	51.3	51.3	22.02	53.0	49.9	22.72	54.1	41.2	23.14	47.5	47.5	23.04	49.1	47.7	23.77	50.1	39.3	24.21
2973	23.9	50.9	43.2	20.78	56.3	32.7	21.43	60.5	14.4	21.83	48.0	42.0	21.98	53.1	31.8	22.67	57.1	14.0	23.09	44.5	40.1	22.98	49.2	30.4	23.71	52.9	13.4	24.15
	26.7	53.1	49.6	20.84	57.3	40.9	21.50	60.5	26.8	21.90	50.1	48.2	22.04	54.1	39.8	22.74	57.1	26.1	23.16	46.4	46.0	23.05	50.1	38.0	23.78	52.9	24.9	24.22
	29.4	55.1	54.3	20.90	58.1	49.3	21.56	60.4	37.1	21.96	52.0	52.0	22.11	54.9	48.0	22.81	57.0	36.1	23.23	48.2	48.2	23.12	50.8	45.8	23.85	52.8	34.4	24.29
	32.2	56.9	56.9	20.97	58.7	54.8	21.63	60.0	45.1	22.03	53.7	53.7	22.18	55.4	53.3	22.88	56.6	43.9	23.30	49.8	49.8	23.19	51.3	50.9	23.92	52.4	41.9	24.37
3303	23.9	52.3	46.3	20.93	57.8	35.1	21.59	62.1	15.5	21.99	49.3	45.1	22.13	54.5	34.2	22.83	58.6	15.1	23.25	45.7	43.0	23.13	50.5	32.6	23.86	54.3	14.4	24.31
	26.7	54.5	53.2	20.99	58.8	43.9	21.65	62.1	28.8	22.06	51.5	51.5	22.19	55.5	42.8	22.89	58.6	28.0	23.32	47.7	47.7	23.20	51.4	40.8	23.94	54.3	26.7	24.38
	29.4	56.6	56.6	21.06	59.7	52.9	21.72	62.0	39.8	22.12	53.4	53.4	22.26	56.3	51.5	22.96	58.5	38.7	23.39	49.5	49.5	23.27	52.2	49.2	24.01	54.2	37.0	24.45
	32.2	58.4	58.4	21.12	60.3	58.8	21.78	61.6	48.5	22.19	55.1	55.1	22.33	56.9	56.9	23.03	58.1	47.2	23.46	51.1	51.1	23.34	52.7	52.7	24.08	53.8	45.0	24.53
3634	23.9	53.2	48.5	21.08	58.8	36.7	21.74	63.2	16.2	22.15	50.2	47.2	22.28	55.5	35.8	22.98	59.6	15.8	23.41	46.5	45.1	23.28	51.4	34.1	24.02	55.2	15.1	24.47
	26.7	55.5	55.5	21.14	59.8	46.0	21.81	63.2	30.1	22.21	52.3	52.3	22.35	56.5	44.8	23.05	59.6	29.3	23.48	48.5	48.5	23.35	52.3	42.7	24.09	55.2	28.0	24.54
	29.4	57.5	57.5	21.21	60.7	55.4	21.88	63.0	41.7	22.28	54.3	54.3	22.41	57.3	53.9	23.12	59.5	40.6	23.55	50.3	50.3	23.42	53.0	51.5	24.16	55.1	38.7	24.61
	32.2	59.4	59.4	21.27	61.3	61.3	21.94	62.6	50.8	22.35	56.1	56.1	22.48	57.9	57.9	23.19	59.1	49.4	23.62	52.0	52.0	23.49	53.6	53.6	24.24	54.8	47.1	24.69
3964	23.9	53.8	50.0	21.23	59.5	37.9	21.90	64.0	16.7	22.31	50.8	48.7	22.43	56.2	36.9	23.14	60.4	16.3	23.57	47.1	46.5	23.44	52.0	35.2	24.17	55.9	15.5	24.62
	26.7	56.2	56.2	21.29	60.6	47.5	21.97	64.0	31.1	22.37	53.0	53.0	22.50	57.2	46.2	23.21	60.4	30.2	23.64	49.1	49.1	23.51	53.0	44.1	24.25	56.0	28.9	24.70
	29.4	58.3	58.3	21.36	61.5	57.2	22.03	63.8	43.0	22.44	55.0	55.0	22.56	58.0	55.6	23.28	60.2	41.8	23.71	51.0	51.0	23.58	53.7	53.1	24.32	55.8	39.9	24.77
	32.2	60.2	60.2	21.42	62.1	62.1	22.10	63.5	52.3	22.51	56.8	56.8	22.63	58.6	58.6	23.34	59.9	50.9	23.78	52.6	52.6	23.65	54.3	54.3	24.39	55.5	48.6	24.85

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C240B(D)C00/ LK-C2409C01 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	64.3	52.2	21.49	71.1	39.5	22.16	76.4	17.4	22.57	62.0	53.2	23.70	68.6	40.3	24.45	73.7	17.8	24.90
	26.7	67.1	59.9	21.55	72.4	49.5	22.23	76.5	32.4	22.64	64.7	61.0	23.77	69.8	50.4	24.52	73.8	33.0	24.98
	29.4	69.6	65.6	21.61	73.4	59.6	22.30	76.3	44.8	22.71	67.2	66.9	23.84	70.8	60.7	24.59	73.6	45.7	25.05
	32.2	71.9	69.1	21.68	74.2	66.2	22.36	75.8	54.6	22.78	69.4	69.4	23.91	71.6	67.4	24.67	73.1	55.6	25.13
3398	23.9	67.3	55.6	21.67	74.4	42.1	22.35	80.0	18.6	22.77	64.9	56.7	23.89	71.8	42.9	24.64	77.2	19.0	25.10
	26.7	70.2	63.9	21.74	75.7	52.8	22.42	80.0	34.6	22.84	67.7	65.1	23.96	73.1	53.8	24.71	77.2	35.2	25.17
	29.4	72.9	70.0	21.80	76.8	63.6	22.49	79.8	47.8	22.91	70.3	70.3	24.03	74.1	64.8	24.79	77.0	48.7	25.25
	32.2	75.3	73.7	21.87	77.7	70.6	22.56	79.3	58.2	22.98	72.6	72.6	24.10	74.9	72.0	24.86	76.5	59.3	25.32
3775	23.9	69.1	59.8	21.86	76.4	45.3	22.55	82.1	20.0	22.96	66.6	60.9	24.16	73.7	46.1	24.93	79.2	20.4	25.39
	26.7	72.1	68.6	21.92	77.8	56.7	22.61	82.2	37.1	23.03	69.5	69.5	24.24	75.0	57.7	25.00	79.3	37.8	25.46
	29.4	74.8	74.8	21.99	78.9	68.2	22.68	81.9	51.3	23.10	72.2	72.2	24.31	76.1	69.5	25.08	79.0	52.3	25.54
	32.2	77.3	77.3	22.05	79.7	75.8	22.75	81.4	62.5	23.17	74.5	74.5	24.38	76.9	76.9	25.15	78.5	63.7	25.62
4153	23.9	70.3	62.6	22.04	77.7	47.4	22.74	83.5	20.9	23.16	67.8	63.8	24.26	74.9	48.3	25.02	80.6	21.3	25.49
	26.7	73.3	71.8	22.11	79.1	59.3	22.81	83.6	38.9	23.23	70.7	70.7	24.33	76.3	60.5	25.10	80.6	39.6	25.56
	29.4	76.1	76.1	22.18	80.2	71.5	22.88	83.3	53.7	23.30	73.4	73.4	24.40	77.4	72.8	25.17	80.4	54.8	25.64
	32.2	78.6	78.6	22.24	81.1	79.4	22.94	82.8	65.4	23.37	75.8	75.8	24.48	78.2	78.2	25.25	79.9	66.7	25.72
4530	23.9	71.2	64.5	22.23	78.7	48.9	22.93	84.6	21.6	23.36	68.7	65.8	24.44	75.9	49.8	25.21	81.6	22.0	25.68
	26.7	74.3	74.1	22.30	80.1	61.2	23.00	84.6	40.1	23.43	71.6	71.6	24.52	77.3	62.4	25.29	81.6	40.8	25.76
	29.4	77.1	77.1	22.36	81.3	73.7	23.07	84.4	55.4	23.50	74.3	74.3	24.59	78.4	75.1	25.37	81.4	56.5	25.84
	32.2	79.6	79.6	22.43	82.1	81.9	23.14	83.9	67.5	23.57	76.8	76.8	24.66	79.2	79.2	25.44	80.9	68.8	25.91

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	59.9	51.8	25.49	66.2	39.2	26.30	71.2	17.3	26.78	56.5	50.4	26.97	62.5	38.2	27.82	67.2	16.9	28.34	52.3	48.1	28.22	57.9	36.4	29.11	62.2	16.1	29.65
	26.7	62.5	59.5	25.57	67.4	49.1	26.38	71.2	32.2	26.87	58.9	57.9	27.05	63.6	47.8	27.91	67.2	31.3	28.43	54.6	54.6	28.30	58.9	45.6	29.20	62.2	29.9	29.74
	29.4	64.8	64.8	25.65	68.4	59.2	26.46	71.0	44.5	26.95	61.2	61.2	27.14	64.5	57.6	27.99	67.0	43.3	28.51	56.7	56.7	28.39	59.7	54.9	29.28	62.1	41.3	29.83
	32.2	67.0	67.0	25.72	69.1	65.7	26.53	70.6	54.2	27.03	63.2	63.2	27.22	65.2	64.0	28.08	66.6	52.7	28.60	58.5	58.5	28.47	60.4	60.4	29.37	61.7	50.3	29.92
3398	23.9	62.7	55.3	25.68	69.3	41.9	26.49	74.5	18.5	26.98	59.1	53.8	27.16	65.4	40.7	28.02	70.3	18.0	28.54	54.8	51.3	28.40	60.6	38.9	29.30	65.1	17.2	29.84
	26.7	65.4	63.5	25.76	70.5	52.4	26.57	74.5	34.3	27.06	61.7	61.7	27.24	66.5	51.0	28.10	70.3	33.4	28.62	57.1	57.1	28.49	61.6	48.7	29.39	65.1	31.9	29.93
	29.4	67.8	67.8	25.83	71.5	63.1	26.65	74.3	47.5	27.14	64.0	64.0	27.32	67.5	61.4	28.18	70.1	46.2	28.71	59.3	59.3	28.57	62.5	58.6	29.48	64.9	44.1	30.02
	32.2	70.1	70.1	25.91	72.3	70.1	26.73	73.8	57.8	27.22	66.1	66.1	27.40	68.2	68.2	28.27	69.7	56.3	28.79	61.2	61.2	28.66	63.2	63.2	29.56	64.5	53.7	30.11
3775	23.9	64.3	59.3	25.86	71.1	44.9	26.68	76.5	19.8	27.18	60.7	57.8	27.35	67.1	43.7	28.21	72.1	19.3	28.73	56.2	55.1	28.59	62.2	41.7	29.49	66.8	18.4	30.04
	26.7	67.1	67.1	25.94	72.4	56.3	26.76	76.5	36.9	27.26	63.3	63.3	27.43	68.3	54.8	28.29	72.2	35.9	28.82	58.7	58.7	28.68	63.3	52.3	29.58	66.9	34.2	30.13
	29.4	69.6	69.6	26.02	73.4	67.8	26.84	76.3	51.0	27.34	65.7	65.7	27.51	69.3	66.0	28.38	72.0	49.6	28.90	60.9	60.9	28.76	64.2	62.9	29.67	66.7	47.3	30.22
	32.2	71.9	71.9	26.10	74.2	74.2	26.92	75.8	62.1	27.42	67.9	67.9	27.59	70.0	70.0	28.46	71.5	60.4	28.99	62.9	62.9	28.85	64.9	64.9	29.76	66.3	57.7	30.31
4153	23.9	65.4	62.1	26.05	72.3	47.1	26.87	77.8	20.8	27.37	61.7	60.5	27.53	68.3	45.8	28.40	73.4	20.2	28.93	57.2	57.2	28.77	63.2	43.7	29.68	68.0	19.3	30.23
	26.7	68.3	68.3	26.13	73.6	58.9	26.95	77.8	38.6	27.45	64.4	64.4	27.61	69.5	57.3	28.49	73.4	37.6	29.01	59.7	59.7	28.86	64.4	54.7	29.77	68.0	35.8	30.32
	29.4	70.8	70.8	26.21	74.7	71.0	27.03	77.6	53.4	27.54	66.8	66.8	27.70	70.5	69.1	28.57	73.2	51.9	29.10	61.9	61.9	28.95	65.3	65.3	29.86	67.8	49.6	30.42
	32.2	73.2	73.2	26.29	75.5	75.5	27.11	77.1	65.0	27.62	69.0	69.0	27.78	71.2	71.2	28.66	72.8	63.3	29.19	63.9	63.9	29.03	66.0	66.0	29.95	67.4	60.4	30.51
4530	23.9	66.3	64.1	26.24	73.3	48.5	27.06	78.8	21.4	27.57	62.5	62.4	27.72	69.1	47.2	28.59	74.3	20.8	29.12	57.9	57.9	28.96	64.0	45.1	29.87	68.8	19.9	30.43
	26.7	69.1	69.1	26.31	74.6	60.8	27.15	78.8	39.8	27.65	65.2	65.2	27.80	70.4	59.1	28.68	74.4	38.7	29.21	60.4	60.4	29.05	65.2	56.4	29.96	68.9	37.0	30.52
	29.4	71.7	71.7	26.39	75.6	73.2	27.23	78.6	55.1	27.73	67.7	67.7	27.88	71.4	71.2	28.76	74.1	53.6	29.30	62.7	62.7	29.14	66.1	66.1	30.05	68.7	51.1	30.61
	32.2	74.1	74.1	26.47	76.5	76.5	27.31	78.1	67.0	27.81	69.9	69.9	27.97	72.2	72.2	28.85	73.7	65.2	29.38	64.8	64.8	29.22	66.8	66.8	30.14	68.3	62.3	30.70

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C2409C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	64.3	52.2	20.63	71.1	39.5	21.28	76.4	17.4	21.67	62.0	53.2	22.75	68.6	40.3	23.47	73.7	17.8	23.91
	26.7	67.1	59.9	20.69	72.4	49.5	21.34	76.5	32.4	21.74	64.7	61.0	22.82	69.8	50.4	23.54	73.8	33.0	23.98
	29.4	69.6	65.6	20.75	73.4	59.6	21.40	76.3	44.8	21.80	67.2	66.9	22.89	70.8	60.7	23.61	73.6	45.7	24.05
	32.2	71.9	69.1	20.81	74.2	66.2	21.47	75.8	54.6	21.87	69.4	69.4	22.96	71.6	67.4	23.68	73.1	55.6	24.12
3398	23.9	67.3	55.6	20.80	74.4	42.1	21.46	80.0	18.6	21.86	64.9	56.7	22.93	71.8	42.9	23.65	77.2	19.0	24.09
	26.7	70.2	63.9	20.87	75.7	52.8	21.53	80.0	34.6	21.92	67.7	65.1	23.00	73.1	53.8	23.72	77.2	35.2	24.17
	29.4	72.9	70.0	20.93	76.8	63.6	21.59	79.8	47.8	21.99	70.3	70.3	23.07	74.1	64.8	23.80	77.0	48.7	24.24
	32.2	75.3	73.7	20.99	77.7	70.6	21.65	79.3	58.2	22.06	72.6	72.6	23.14	74.9	72.0	23.87	76.5	59.3	24.31
3775	23.9	69.1	59.8	20.98	76.4	45.3	21.64	82.1	20.0	22.05	66.6	60.9	23.20	73.7	46.1	23.93	79.2	20.4	24.37
	26.7	72.1	68.6	21.05	77.8	56.7	21.71	82.2	37.1	22.11	69.5	69.5	23.27	75.0	57.7	24.00	79.3	37.8	24.45
	29.4	74.8	74.8	21.11	78.9	68.2	21.77	81.9	51.3	22.18	72.2	72.2	23.34	76.1	69.5	24.07	79.0	52.3	24.52
	32.2	77.3	77.3	21.17	79.7	75.8	21.84	81.4	62.5	22.25	74.5	74.5	23.41	76.9	76.9	24.14	78.5	63.7	24.59
4153	23.9	70.3	62.6	21.16	77.7	47.4	21.83	83.5	20.9	22.23	67.8	63.8	23.29	74.9	48.3	24.02	80.6	21.3	24.47
	26.7	73.3	71.8	21.22	79.1	59.3	21.89	83.6	38.9	22.30	70.7	70.7	23.36	76.3	60.5	24.09	80.6	39.6	24.54
	29.4	76.1	76.1	21.29	80.2	71.5	21.96	83.3	53.7	22.37	73.4	73.4	23.43	77.4	72.8	24.17	80.4	54.8	24.61
	32.2	78.6	78.6	21.35	81.1	79.4	22.03	82.8	65.4	22.43	75.8	75.8	23.50	78.2	78.2	24.24	79.9	66.7	24.69
4530	23.9	71.2	64.5	21.34	78.7	48.9	22.01	84.6	21.6	22.42	68.7	65.8	23.47	75.9	49.8	24.21	81.6	22.0	24.65
	26.7	74.3	74.1	21.40	80.1	61.2	22.08	84.6	40.1	22.49	71.6	71.6	23.54	77.3	62.4	24.28	81.6	40.8	24.73
	29.4	77.1	77.1	21.47	81.3	73.7	22.15	84.4	55.4	22.56	74.3	74.3	23.61	78.4	75.1	24.35	81.4	56.5	24.80
	32.2	79.6	79.6	21.53	82.1	81.9	22.21	83.9	67.5	22.62	76.8	76.8	23.68	79.2	79.2	24.42	80.9	68.8	24.88

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3020	23.9	59.9	51.8	24.47	66.2	39.2	25.25	71.2	17.3	25.71	56.5	50.4	25.89	62.5	38.2	26.71	67.2	16.9	27.21	52.3	48.1	27.09	57.9	36.4	27.94	62.2	16.1	28.46
	26.7	62.5	59.5	24.55	67.4	49.1	25.32	71.2	32.2	25.79	58.9	57.9	25.97	63.6	47.8	26.79	67.2	31.3	27.29	54.6	54.6	27.17	58.9	45.6	28.03	62.2	29.9	28.55
	29.4	64.8	64.8	24.62	68.4	59.2	25.40	71.0	44.5	25.87	61.2	61.2	26.05	64.5	57.6	26.87	67.0	43.3	27.37	56.7	56.7	27.25	59.7	54.9	28.11	62.1	41.3	28.63
	32.2	67.0	67.0	24.69	69.1	65.7	25.47	70.6	54.2	25.95	63.2	63.2	26.13	65.2	64.0	26.95	66.6	52.7	27.45	58.5	58.5	27.33	60.4	60.4	28.20	61.7	50.3	28.72
3398	23.9	62.7	55.3	24.65	69.3	41.9	25.43	74.5	18.5	25.90	59.1	53.8	26.07	65.4	40.7	26.90	70.3	18.0	27.39	54.8	51.3	27.27	60.6	38.9	28.13	65.1	17.2	28.65
	26.7	65.4	63.5	24.73	70.5	52.4	25.51	74.5	34.3	25.98	61.7	61.7	26.15	66.5	51.0	26.98	70.3	33.4	27.48	57.1	57.1	27.35	61.6	48.7	28.21	65.1	31.9	28.74
	29.4	67.8	67.8	24.80	71.5	63.1	25.58	74.3	47.5	26.06	64.0	64.0	26.23	67.5	61.4	27.06	70.1	46.2	27.56	59.3	59.3	27.43	62.5	58.6	28.30	64.9	44.1	28.82
	32.2	70.1	70.1	24.87	72.3	70.1	25.66	73.8	57.8	26.13	66.1	66.1	26.31	68.2	68.2	27.14	69.7	56.3	27.64	61.2	61.2	27.51	63.2	63.2	28.38	64.5	53.7	28.91
3775	23.9	64.3	59.3	24.83	71.1	44.9	25.61	76.5	19.8	26.09	60.7	57.8	26.25	67.1	43.7	27.08	72.1	19.3	27.58	56.2	55.1	27.45	62.2	41.7	28.31	66.8	18.4	28.84
	26.7	67.1	67.1	24.90	72.4	56.3	25.69	76.5	36.9	26.17	63.3	63.3	26.33	68.3	54.8	27.16	72.2	35.9	27.67	58.7	58.7	27.53	63.3	52.3	28.40	66.9	34.2	28.92
	29.4	69.6	69.6	24.98	73.4	67.8	25.77	76.3	51.0	26.25	65.7	65.7	26.41	69.3	66.0	27.24	72.0	49.6	27.75	60.9	60.9	27.61	64.2	62.9	28.48	66.7	47.3	29.01
	32.2	71.9	71.9	25.05	74.2	74.2	25.84	75.8	62.1	26.32	67.9	67.9	26.49	70.0	70.0	27.32	71.5	60.4	27.83	62.9	62.9	27.69	64.9	64.9	28.57	66.3	57.7	29.10
4153	23.9	65.4	62.1	25.01	72.3	47.1	25.80	77.8	20.8	26.28	61.7	60.5	26.43	68.3	45.8	27.26	73.4	20.2	27.77	57.2	57.2	27.62	63.2	43.7	28.50	68.0	19.3	29.02
	26.7	68.3	68.3	25.08	73.6	58.9	25.87	77.8	38.6	26.35	64.4	64.4	26.51	69.5	57.3	27.35	73.4	37.6	27.85	59.7	59.7	27.71	64.4	54.7	28.58	68.0	35.8	29.11
	29.4	70.8	70.8	25.16	74.7	71.0	25.95	77.6	53.4	26.43	66.8	66.8	26.59	70.5	69.1	27.43	73.2	51.9	27.94	61.9	61.9	27.79	65.3	65.3	28.67	67.8	49.6	29.20
	32.2	73.2	73.2	25.23	75.5	75.5	26.03	77.1	65.0	26.51	69.0	69.0	26.67	71.2	71.2	27.51	72.8	63.3	28.02	63.9	63.9	27.87	66.0	66.0	28.75	67.4	60.4	29.29
4530	23.9	66.3	64.1	25.19	73.3	48.5	25.98	78.8	21.4	26.46	62.5	62.4	26.61	69.1	47.2	27.45	74.3	20.8	27.96	57.9	57.9	27.80	64.0	45.1	28.68	68.8	19.9	29.21
	26.7	69.1	69.1	25.26	74.6	60.8	26.06	78.8	39.8	26.54	65.2	65.2	26.69	70.4	59.1	27.53	74.4	38.7	28.04	60.4	60.4	27.89	65.2	56.4	28.77	68.9	37.0	29.30
	29.4	71.7	71.7	25.34	75.6	73.2	26.14	78.6	55.1	26.62	67.7	67.7	26.77	71.4	71.2	27.61	74.1	53.6	28.13	62.7	62.7	27.97	66.1	66.1	28.85	68.7	51.1	29.39
	32.2	74.1	74.1	25.41	76.5	76.5	26.22	78.1	67.0	26.70	69.9	69.9	26.85	72.2	72.2	27.70	73.7	65.2	28.21	64.8	64.8	28.05	66.8	66.8	28.94	68.3	62.3	29.48

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C300B(D/9)C00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	74.1	60.9	21.00	81.9	46.1	21.66	88.1	20.4	22.06	71.5	62.1	23.16	79.0	47.0	23.89	85.0	20.7	24.33
	26.7	77.3	69.9	21.06	83.4	57.7	21.72	88.1	37.8	22.13	74.6	71.3	23.23	80.5	58.8	23.96	85.0	38.5	24.41
	29.4	80.2	76.6	21.12	84.6	69.5	21.79	87.9	52.3	22.19	77.4	77.4	23.30	81.6	70.9	24.03	84.8	53.3	24.48
	32.2	82.9	80.7	21.18	85.5	77.3	21.85	87.3	63.7	22.26	79.9	79.9	23.37	82.5	78.7	24.11	84.3	64.9	24.55
4247	23.9	77.6	65.0	21.18	85.7	49.2	21.85	92.2	21.7	22.25	74.8	66.2	23.34	82.7	50.1	24.08	88.9	22.1	24.52
	26.7	80.9	74.6	21.24	87.3	61.6	21.91	92.2	40.4	22.32	78.1	76.0	23.41	84.2	62.8	24.15	89.0	41.1	24.60
	29.4	84.0	81.8	21.30	88.5	74.2	21.98	92.0	55.8	22.38	81.0	81.0	23.48	85.4	75.6	24.22	88.7	56.9	24.67
	32.2	86.7	86.1	21.37	89.5	82.4	22.04	91.4	68.0	22.45	83.7	83.7	23.55	86.3	84.0	24.29	88.2	69.3	24.75
4719	23.9	79.6	69.8	21.36	88.0	52.8	22.03	94.6	23.3	22.44	76.8	71.1	23.61	84.9	53.8	24.36	91.3	23.8	24.81
	26.7	83.1	80.1	21.42	89.6	66.2	22.10	94.7	43.3	22.51	80.1	80.1	23.68	86.4	67.4	24.43	91.3	44.2	24.88
	29.4	86.2	86.2	21.49	90.9	79.7	22.17	94.4	59.9	22.58	83.2	83.2	23.75	87.7	81.2	24.50	91.1	61.1	24.96
	32.2	89.0	89.0	21.55	91.9	88.5	22.23	93.8	73.0	22.64	85.9	85.9	23.82	88.6	88.6	24.58	90.5	74.4	25.03
5191	23.9	81.0	73.0	21.54	89.5	55.3	22.22	96.2	24.4	22.63	78.1	74.4	23.70	86.4	56.4	24.45	92.8	24.9	24.91
	26.7	84.5	83.9	21.61	91.1	69.3	22.29	96.3	45.4	22.70	81.5	81.5	23.78	87.9	70.6	24.53	92.9	46.2	24.98
	29.4	87.7	87.7	21.67	92.4	83.4	22.35	96.0	62.7	22.77	84.6	84.6	23.85	89.2	85.0	24.60	92.6	63.9	25.06
	32.2	90.5	90.5	21.73	93.4	92.7	22.42	95.4	76.4	22.84	87.3	87.3	23.92	90.1	90.1	24.67	92.1	77.9	25.13
5663	23.9	82.0	75.3	21.72	90.7	57.1	22.41	97.5	25.2	22.82	79.1	76.8	23.89	87.5	58.1	24.64	94.0	25.7	25.10
	26.7	85.6	85.6	21.79	92.3	71.4	22.47	97.5	46.8	22.89	82.5	82.5	23.96	89.0	72.8	24.71	94.1	47.7	25.17
	29.4	88.8	88.8	21.85	93.6	86.0	22.54	97.2	64.7	22.96	85.7	85.7	24.03	90.3	87.7	24.79	93.8	66.0	25.25
	32.2	91.7	91.7	21.92	94.6	94.6	22.61	96.7	78.8	23.03	88.5	88.5	24.10	91.3	91.3	24.86	93.2	80.3	25.32

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3775	23.9	69.0	60.5	24.91	76.3	45.8	25.70	82.0	20.2	26.17	65.1	58.9	26.36	72.0	44.6	27.19	77.4	19.7	27.69	60.3	56.2	27.57	66.7	42.5	28.44	71.7	18.8	28.97
	26.7	72.0	69.4	24.99	77.6	57.3	25.77	82.0	37.6	26.25	67.9	67.6	26.44	73.3	55.8	27.27	77.4	36.6	27.78	62.9	62.9	27.66	67.9	53.3	28.53	71.7	34.9	29.06
	29.4	74.7	74.7	25.06	78.8	69.1	25.85	81.8	51.9	26.33	70.5	70.5	26.52	74.3	67.2	27.35	77.2	50.6	27.86	65.3	65.3	27.74	68.9	64.1	28.62	71.5	48.2	29.15
	32.2	77.2	77.2	25.14	79.6	76.7	25.93	81.3	63.3	26.41	72.8	72.8	26.60	75.1	74.7	27.44	76.7	61.6	27.94	67.4	67.4	27.82	69.6	69.6	28.70	71.1	58.8	29.23
4247	23.9	72.2	64.5	25.09	79.8	48.9	25.88	85.8	21.6	26.36	68.1	62.8	26.54	75.3	47.6	27.38	81.0	21.0	27.89	63.1	59.9	27.76	69.8	45.4	28.63	75.0	20.0	29.16
	26.7	75.3	74.1	25.17	81.3	61.2	25.96	85.9	40.1	26.44	71.1	71.1	26.62	76.7	59.5	27.46	81.0	39.0	27.97	65.8	65.8	27.84	71.0	56.8	28.72	75.0	37.2	29.25
	29.4	78.2	78.2	25.24	82.4	73.7	26.04	85.6	55.4	26.52	73.8	73.8	26.70	77.8	71.7	27.54	80.8	53.9	28.05	68.3	68.3	27.92	72.1	68.4	28.80	74.8	51.5	29.34
	32.2	80.7	80.7	25.32	83.3	81.9	26.12	85.1	67.5	26.60	76.2	76.2	26.78	78.6	78.6	27.62	80.3	65.7	28.14	70.6	70.6	28.01	72.8	72.8	28.89	74.4	62.7	29.43
4719	23.9	74.1	69.3	25.27	81.9	52.5	26.07	88.1	23.2	26.56	69.9	67.4	26.72	77.3	51.1	27.56	83.1	22.5	28.08	64.8	64.3	27.94	71.6	48.7	28.82	77.0	21.5	29.35
	26.7	77.3	77.3	25.35	83.4	65.7	26.15	88.1	43.0	26.64	73.0	73.0	26.80	78.7	63.9	27.65	83.2	41.9	28.16	67.6	67.6	28.02	72.9	61.0	28.91	77.0	40.0	29.44
	29.4	80.2	80.2	25.43	84.6	79.1	26.23	87.9	59.5	26.72	75.7	75.7	26.88	79.9	77.0	27.73	82.9	57.9	28.25	70.1	70.1	28.11	74.0	73.5	28.99	76.8	55.3	29.53
	32.2	82.9	82.9	25.50	85.5	85.5	26.31	87.4	72.5	26.80	78.2	78.2	26.96	80.7	80.7	27.81	82.4	70.5	28.33	72.4	72.4	28.19	74.8	74.8	29.08	76.4	67.3	29.62
5191	23.9	75.4	72.5	25.46	83.3	54.9	26.26	89.6	24.2	26.75	71.1	70.6	26.90	78.7	53.5	27.75	84.6	23.6	28.27	65.9	65.9	28.12	72.9	51.0	29.01	78.3	22.5	29.54
	26.7	78.6	78.6	25.53	84.8	68.8	26.34	89.6	45.1	26.83	74.2	74.2	26.98	80.1	66.9	27.84	84.6	43.8	28.35	68.7	68.7	28.20	74.2	63.9	29.09	78.4	41.8	29.63
	29.4	81.6	81.6	25.61	86.1	82.8	26.42	89.4	62.3	26.91	77.0	77.0	27.07	81.2	80.6	27.92	84.4	60.6	28.44	71.3	71.3	28.29	75.2	75.2	29.18	78.1	57.9	29.72
	32.2	84.3	84.3	25.69	87.0	87.0	26.50	88.8	75.9	26.99	79.6	79.6	27.15	82.1	82.1	28.00	83.8	73.8	28.52	73.7	73.7	28.37	76.0	76.0	29.27	77.7	70.5	29.81
5663	23.9	76.4	74.8	25.64	84.4	56.7	26.45	90.8	25.0	26.94	72.1	72.1	27.08	79.7	55.1	27.94	85.6	24.3	28.46	66.7	66.7	28.30	73.8	52.6	29.19	79.3	23.2	29.74
	26.7	79.7	79.7	25.71	85.9	71.0	26.53	90.8	46.5	27.02	75.2	75.2	27.17	81.1	69.1	28.02	85.7	45.2	28.54	69.6	69.6	28.39	75.1	65.9	29.28	79.4	43.2	29.82
	29.4	82.7	82.7	25.79	87.2	85.5	26.61	90.5	64.3	27.10	78.0	78.0	27.25	82.3	82.3	28.11	85.4	62.6	28.63	72.3	72.3	28.47	76.2	76.2	29.37	79.1	59.7	29.91
	32.2	85.4	85.4	25.87	88.1	88.1	26.69	90.0	78.3	27.18	80.6	80.6	27.33	83.1	83.1	28.19	84.9	76.2	28.71	74.6	74.6	28.56	77.0	77.0	29.46	78.7	72.7	30.00

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (kW) LK-C360B(9)H00 (SI)

Outdoor	DB(°C)	29.4									35.0								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4530	23.9	91.7	74.4	29.65	101.4	56.3	30.59	109.0	24.9	31.15	88.5	75.8	32.71	97.8	57.4	33.74	105.1	25.3	34.36
	26.7	95.7	85.4	29.74	103.2	70.5	30.68	109.0	46.2	31.25	92.3	87.0	32.80	99.5	71.9	33.84	105.2	47.1	34.47
	29.4	99.3	93.6	29.83	104.7	84.9	30.77	108.7	63.9	31.34	95.8	95.4	32.90	101.0	86.6	33.94	104.9	65.1	34.57
	32.2	102.5	98.6	29.92	105.8	94.4	30.86	108.1	77.8	31.43	98.9	98.9	33.00	102.1	96.2	34.04	104.2	79.3	34.67
5097	23.9	96.0	79.3	29.91	106.1	60.1	30.85	114.1	26.5	31.42	92.6	80.9	32.96	102.3	61.2	34.00	110.0	27.0	34.63
	26.7	100.1	91.1	30.00	108.0	75.3	30.94	114.1	49.3	31.52	96.6	92.9	33.06	104.2	76.7	34.10	110.1	50.2	34.74
	29.4	103.9	99.9	30.09	109.6	90.6	31.04	113.8	68.2	31.61	100.2	100.2	33.16	105.7	92.4	34.21	109.8	69.5	34.84
	32.2	107.3	105.2	30.18	110.7	100.7	31.13	113.1	83.0	31.71	103.5	103.5	33.26	106.8	102.6	34.31	109.1	84.6	34.95
5663	23.9	98.5	85.2	30.16	108.9	64.5	31.11	117.1	28.5	31.69	95.0	86.8	33.34	105.1	65.8	34.40	112.9	29.0	35.03
	26.7	102.8	97.8	30.25	110.9	80.8	31.21	117.1	52.9	31.79	99.1	99.1	33.44	106.9	82.3	34.50	113.0	53.9	35.14
	29.4	106.6	106.6	30.34	112.5	97.3	31.30	116.8	73.2	31.88	102.9	102.9	33.55	108.5	99.2	34.60	112.7	74.6	35.25
	32.2	110.1	110.1	30.43	113.7	108.1	31.40	116.1	89.1	31.98	106.3	106.3	33.65	109.7	109.7	34.71	112.0	90.8	35.35
6229	23.9	100.2	89.2	30.42	110.8	67.6	31.38	119.1	29.8	31.96	96.6	90.9	33.48	106.9	68.8	34.53	114.9	30.4	35.17
	26.7	104.5	102.4	30.51	112.8	84.6	31.47	119.1	55.4	32.06	100.8	100.8	33.58	108.8	86.2	34.64	114.9	56.5	35.28
	29.4	108.5	108.5	30.60	114.4	101.9	31.57	118.8	76.6	32.15	104.6	104.6	33.68	110.3	103.8	34.74	114.6	78.1	35.38
	32.2	112.0	112.0	30.69	115.6	113.2	31.66	118.1	93.3	32.25	108.1	108.1	33.78	111.5	111.5	34.84	113.9	95.1	35.49
6795	23.9	101.5	92.0	30.68	112.2	69.7	31.64	120.6	30.8	32.23	97.9	93.8	33.73	108.2	71.0	34.80	116.4	31.3	35.44
	26.7	105.9	105.7	30.77	114.2	87.3	31.74	120.7	57.2	32.33	102.1	102.1	33.83	110.2	88.9	34.90	116.4	58.2	35.55
	29.4	109.9	109.9	30.86	115.9	105.1	31.83	120.3	79.0	32.42	106.0	106.0	33.93	111.8	107.1	35.01	116.1	80.6	35.65
	32.2	113.5	113.5	30.95	117.1	116.8	31.93	119.6	96.3	32.52	109.5	109.5	34.04	113.0	113.0	35.11	115.4	98.1	35.76

Outdoor	DB(°C)	40.6									46.1									51.7								
Indoor	WB(°C)	16.1			19.4			22.8			16.1			19.4			22.8			16.1			19.4			22.8		
l/s	DB(°C)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4530	23.9	85.4	73.9	35.18	94.4	55.9	36.29	101.5	24.7	36.96	80.6	71.9	37.22	89.1	54.4	38.40	95.8	24.0	39.11	74.6	68.6	38.94	82.5	52.0	40.17	88.7	22.9	40.91
	26.7	89.1	84.8	35.29	96.1	70.0	36.40	101.5	45.9	37.07	84.0	82.5	37.34	90.7	68.2	38.51	95.8	44.6	39.23	77.8	77.8	39.06	84.0	65.1	40.29	88.7	42.6	41.04
	29.4	92.4	92.4	35.39	97.5	84.4	36.51	101.2	63.4	37.19	87.2	87.2	37.45	92.0	82.1	38.63	95.5	61.8	39.35	80.8	80.8	39.17	85.2	78.3	40.41	88.5	58.9	41.16
	32.2	95.5	95.5	35.50	98.5	93.7	36.62	100.6	77.3	37.30	90.1	90.1	37.56	93.0	91.2	38.74	94.9	75.2	39.46	83.4	83.4	39.29	86.1	86.1	40.53	87.9	71.8	41.28
5097	23.9	89.3	78.8	35.44	98.8	59.7	36.55	106.2	26.3	37.23	84.3	76.7	37.48	93.2	58.1	38.66	100.2	25.6	39.38	78.1	73.2	39.20	86.3	55.4	40.43	92.8	24.5	41.18
	26.7	93.2	90.5	35.54	100.5	74.7	36.66	106.2	48.9	37.34	88.0	88.0	37.59	94.9	72.7	38.78	100.3	47.6	39.50	81.5	81.5	39.31	87.9	69.4	40.55	92.9	45.5	41.31
	29.4	96.7	96.7	35.65	102.0	90.0	36.77	105.9	67.7	37.46	91.3	91.3	37.71	96.3	87.6	38.90	100.0	65.9	39.62	84.5	84.5	39.43	89.2	83.6	40.68	92.6	62.9	41.43
	32.2	99.9	99.9	35.76	103.1	100.0	36.88	105.3	82.4	37.57	94.3	94.3	37.82	97.3	97.3	39.01	99.4	80.2	39.74	87.3	87.3	39.55	90.1	90.1	40.80	92.0	76.6	41.56
5663	23.9	91.7	84.6	35.69	101.4	64.1	36.82	109.0	28.3	37.50	86.5	82.4	37.74	95.7	62.4	38.93	102.9	27.5	39.65	80.2	78.6	39.45	88.6	59.5	40.70	95.3	26.3	41.45
	26.7	95.7	95.7	35.80	103.2	80.2	36.93	109.1	52.6	37.61	90.3	90.3	37.85	97.4	78.1	39.04	102.9	51.2	39.77	83.6	83.6	39.57	90.2	74.5	40.82	95.3	48.8	41.58
	29.4	99.3	99.3	35.91	104.7	96.6	37.04	108.7	72.7	37.73	93.7	93.7	37.96	98.8	94.1	39.16	102.6	70.7	39.89	86.8	86.8	39.69	91.5	89.8	40.94	95.1	67.5	41.70
	32.2	102.5	102.5	36.01	105.8	105.8	37.15	108.1	88.5	37.84	96.8	96.8	38.08	99.9	99.9	39.28	102.0	86.2	40.01	89.6	89.6	39.81	92.5	92.5	41.07	94.5	82.2	41.83
6229	23.9	93.3	88.6	35.95	103.1	67.1	37.08	110.9	29.6	37.77	88.0	86.2	37.99	97.3	65.3	39.19	104.6	28.8	39.92	81.5	81.5	39.71	90.1	62.3	40.96	96.9	27.5	41.72
	26.7	97.3	97.3	36.06	105.0	84.0	37.19	110.9	55.0	37.89	91.8	91.8	38.11	99.1	81.8	39.31	104.7	53.6	40.04	85.1	85.1	39.83	91.8	78.0	41.09	97.0	51.1	41.85
	29.4	101.0	101.0	36.17	106.5	101.2	37.31	110.6	76.1	38.00	95.3	95.3	38.22	100.5	98.5	39.43	104.4	74.1	40.16	88.3	88.3	39.95	93.1	93.1	41.21	96.7	70.7	41.97
	32.2	104.3	104.3	36.27	107.6	107.6	37.42	109.9	92.7	38.11	98.4	98.4	38.34	101.6	101.6	39.55	103.7	90.2	40.28	91.2	91.2	40.07	94.1	94.1	41.33	96.1	86.1	42.10
6795	23.9	94.5	91.4	36.21	104.4	69.2	37.35	112.3	30.5	38.04	89.2	88.9	38.25	98.6	67.4	39.46	106.0	29.7	40.19	82.6	82.6	39.97	91.3	64.3	41.23	98.2	28.4	41.99
	26.7	98.6	98.6	36.31	106.3	86.7	37.46	112.3	56.8	38.16	93.0	93.0	38.36	100.3	84.3	39.57	106.0	55.2	40.31	86.2	86.2	40.09	92.9	80.5	41.35	98.2	52.7	42.12
	29.4	102.3	102.3	36.42	107.9	104.4	37.57	112.0	78.5	38.27	96.5	96.5	38.48	101.8	101.6	39.69	105.7	76.4	40.43	89.4	89.4	40.21	94.3	94.3	41.47	97.9	72.9	42.24
	32.2	105.6	105.6	36.53	109.0	109.0	37.68	111.3	95.6	38.38	99.7	99.7	38.59	102.9	102.9	39.81	105.1	93.0	40.55	92.3	92.3	40.33	95.3	95.3	41.60	97.3	88.8	42.37

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°C), WB = Wet Bulb Temperature (°C)
3. l/s = Liters per second
4. TGC = Total Gross Cooling Capacity(kW)
5. SHC = Sensible Heat Capacity(kW)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C075*C** (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2000	75	64.3	50.2	5.79	71.1	38.0	5.97	76.4	16.8	6.08	62.0	51.1	6.39	68.6	38.7	6.59	73.7	17.1	6.71
	80	67.1	57.6	5.81	72.4	47.6	5.99	76.5	31.2	6.10	64.7	58.7	6.41	69.8	48.5	6.61	73.8	31.8	6.73
	85	69.6	63.1	5.82	73.4	57.3	6.01	76.2	43.1	6.12	67.2	64.4	6.43	70.8	58.4	6.63	73.6	43.9	6.75
	90	71.9	66.5	5.84	74.2	63.7	6.03	75.8	52.5	6.14	69.4	67.8	6.44	71.6	64.9	6.65	73.1	53.5	6.77
2250	75	67.6	53.8	5.84	74.8	40.7	6.02	80.4	18.0	6.14	65.2	54.8	6.44	72.1	41.5	6.64	77.5	18.3	6.76
	80	70.6	61.8	5.86	76.1	51.0	6.04	80.4	33.4	6.15	68.1	63.0	6.46	73.4	52.0	6.66	77.6	34.1	6.78
	85	73.2	67.7	5.88	77.2	61.4	6.06	80.2	46.2	6.17	70.6	69.0	6.48	74.5	62.6	6.68	77.4	47.1	6.80
	90	75.6	71.3	5.89	78.0	68.3	6.08	79.7	56.3	6.19	73.0	72.7	6.49	75.3	69.6	6.70	76.9	57.4	6.82
2500	75	69.1	56.7	5.89	76.4	42.9	6.08	82.1	18.9	6.19	66.6	57.7	6.51	73.7	43.7	6.72	79.2	19.3	6.84
	80	72.1	65.1	5.91	77.7	53.7	6.09	82.1	35.2	6.21	69.5	66.3	6.53	75.0	54.8	6.74	79.2	35.9	6.86
	85	74.8	71.3	5.93	78.9	64.7	6.11	81.9	48.7	6.23	72.2	72.2	6.55	76.1	65.9	6.76	79.0	49.6	6.88
	90	77.2	75.1	5.94	79.7	71.9	6.13	81.4	59.3	6.24	74.5	74.5	6.57	76.9	73.3	6.78	78.5	60.4	6.90
2750	75	70.6	58.3	5.94	78.1	44.2	6.13	83.9	19.5	6.24	68.1	59.4	6.54	75.3	45.0	6.74	81.0	19.9	6.87
	80	73.7	67.0	5.96	79.5	55.3	6.15	84.0	36.2	6.26	71.1	68.3	6.56	76.7	56.4	6.76	81.0	36.9	6.89
	85	76.5	73.4	5.98	80.6	66.6	6.16	83.7	50.1	6.28	73.8	73.8	6.58	77.8	67.9	6.78	80.8	51.1	6.91
	90	79.0	77.3	5.99	81.5	74.0	6.18	83.2	61.0	6.30	76.2	76.2	6.60	78.6	75.4	6.80	80.3	62.2	6.93
3000	75	71.2	59.9	5.99	78.7	45.3	6.18	84.6	20.0	6.29	68.7	61.0	6.59	75.9	46.2	6.79	81.6	20.4	6.92
	80	74.2	68.7	6.01	80.1	56.8	6.20	84.6	37.2	6.31	71.6	68.8	6.61	77.3	57.9	6.82	81.6	37.9	6.94
	85	77.0	75.3	6.03	81.2	68.4	6.22	84.4	51.4	6.33	74.3	74.3	6.63	78.4	69.7	6.84	81.4	52.4	6.96
	90	79.6	79.3	6.04	82.1	76.0	6.23	83.9	62.6	6.35	76.8	76.8	6.65	79.2	77.4	6.86	80.9	63.8	6.98

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2000	75	58.7	48.9	6.87	64.9	37.0	7.09	69.8	16.3	7.22	54.8	47.1	7.27	60.6	35.7	7.50	65.2	15.7	7.64	50.3	44.5	7.60	55.6	33.7	7.84	59.8	14.9	7.99
	80	61.2	56.1	6.89	66.1	46.3	7.11	69.8	30.3	7.24	57.2	54.1	7.29	61.7	44.7	7.52	65.2	29.2	7.66	52.5	51.1	7.63	56.6	42.2	7.87	59.8	27.6	8.01
	85	63.5	61.5	6.91	67.0	55.8	7.13	69.6	42.0	7.26	59.4	59.3	7.31	62.6	53.8	7.54	65.0	40.4	7.68	54.5	54.5	7.65	57.4	50.8	7.89	59.7	38.2	8.04
	90	65.6	64.7	6.93	67.7	62.0	7.15	69.2	51.1	7.28	61.3	61.3	7.33	63.3	59.7	7.57	64.6	49.3	7.71	56.3	56.3	7.67	58.1	56.5	7.91	59.3	46.6	8.06
2250	75	61.7	52.4	6.92	68.2	39.7	7.14	73.4	17.5	7.27	57.7	50.5	7.32	63.8	38.2	7.55	68.6	16.9	7.69	52.9	47.7	7.65	58.5	36.1	7.90	62.9	16.0	8.04
	80	64.4	60.2	6.94	69.5	49.7	7.16	73.4	32.5	7.29	60.2	58.0	7.34	64.9	47.9	7.57	68.6	31.4	7.71	55.2	54.8	7.68	59.6	45.3	7.92	62.9	29.6	8.07
	85	66.8	65.9	6.96	70.5	59.8	7.18	73.2	45.0	7.31	62.5	62.5	7.36	65.9	57.7	7.60	68.4	43.4	7.74	57.3	57.3	7.70	60.4	54.5	7.94	62.8	41.0	8.09
	90	69.0	69.0	6.98	71.2	66.5	7.20	72.8	54.8	7.34	64.5	64.5	7.38	66.6	64.1	7.62	68.0	52.8	7.76	59.2	59.2	7.72	61.1	60.5	7.97	62.4	49.9	8.11
2500	75	63.1	55.2	6.97	69.7	41.8	7.19	74.9	18.4	7.32	58.9	53.2	7.37	65.1	40.3	7.60	70.0	17.8	7.74	54.1	50.2	7.70	59.8	38.0	7.95	64.2	16.8	8.09
	80	65.8	63.3	6.99	71.0	52.3	7.21	75.0	34.3	7.35	61.5	61.0	7.39	66.3	50.4	7.62	70.1	33.0	7.77	56.4	56.4	7.73	60.8	47.6	7.97	64.3	31.2	8.12
	85	68.3	68.3	7.01	72.0	63.0	7.23	74.8	47.4	7.37	63.8	63.8	7.41	67.3	60.7	7.65	69.9	45.7	7.79	58.5	58.5	7.75	61.7	57.4	8.00	64.1	43.2	8.14
	90	70.5	70.5	7.03	72.8	70.0	7.25	74.3	57.7	7.39	65.9	65.9	7.44	68.0	67.5	7.67	69.4	55.6	7.81	60.4	60.4	7.77	62.4	62.4	8.02	63.7	52.6	8.17
2750	75	64.5	56.8	7.02	71.3	43.0	7.24	76.6	19.0	7.38	60.2	54.7	7.42	66.6	41.4	7.65	71.6	18.3	7.80	55.3	51.7	7.75	61.1	39.2	8.00	65.7	17.3	8.15
	80	67.2	65.2	7.04	72.5	53.9	7.26	76.6	35.3	7.40	62.8	62.8	7.44	67.8	51.9	7.68	71.6	34.0	7.82	57.6	57.6	7.78	62.2	49.1	8.02	65.7	32.1	8.17
	85	69.8	69.8	7.06	73.6	64.9	7.29	76.4	48.8	7.42	65.2	65.2	7.46	68.8	62.5	7.70	71.4	47.0	7.84	59.8	59.8	7.80	63.1	59.1	8.05	65.5	44.4	8.20
	90	72.1	72.1	7.08	74.4	72.1	7.31	76.0	59.4	7.44	67.4	67.4	7.49	69.5	69.4	7.72	71.0	57.3	7.87	61.8	61.8	7.82	63.8	63.8	8.07	65.1	54.1	8.22
3000	75	65.0	58.3	7.07	71.8	44.1	7.29	77.2	19.5	7.43	60.7	56.2	7.47	67.1	42.5	7.70	72.2	18.8	7.85	55.7	53.1	7.80	61.6	40.2	8.05	66.2	17.7	8.20
	80	67.8	66.9	7.09	73.1	55.3	7.32	77.2	36.2	7.45	63.3	63.3	7.49	68.3	53.3	7.73	72.2	34.9	7.87	58.1	58.1	7.83	62.7	50.4	8.07	66.2	33.0	8.22
	85	70.3	70.3	7.11	74.2	66.6	7.34	77.0	50.1	7.47	65.7	65.7	7.51	69.3	64.2	7.75	72.0	48.3	7.89	60.3	60.3	7.85	63.6	60.6	8.10	66.0	45.6	8.25
	90	72.6	72.6	7.13	75.0	74.0	7.36	76.6	61.0	7.50	67.9	67.9	7.54	70.0	70.0	7.77	71.5	58.8	7.92	62.3	62.3	7.87	64.3	64.3	8.12	65.6	55.5	8.27

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C090B(9)C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2400	75.0	80.6	62.8	8.6	89.1	47.6	8.9	95.8	21.0	9.0	77.7	64.0	9.5	86.0	48.5	9.8	92.4	21.4	10.0
	80.0	84.1	72.1	8.6	90.7	59.6	8.9	95.8	39.0	9.1	81.1	73.5	9.5	87.5	60.7	9.8	92.5	39.8	10.0
	85.0	87.3	79.1	8.6	92.0	71.8	8.9	95.6	54.0	9.1	84.2	80.6	9.5	88.8	73.1	9.8	92.2	55.0	10.0
	90.0	90.1	83.3	8.7	93.0	79.7	8.9	95.0	65.7	9.1	86.9	84.8	9.6	89.7	81.2	9.9	91.6	67.0	10.1
2700	75.0	84.3	67.0	8.7	93.2	50.8	8.9	100.2	22.4	9.1	81.4	68.3	9.6	90.0	51.7	9.9	96.7	22.8	10.0
	80.0	88.0	77.0	8.7	94.9	63.6	9.0	100.3	41.6	9.1	84.9	78.4	9.6	91.6	64.8	9.9	96.8	42.4	10.1
	85.0	91.3	84.4	8.7	96.3	76.6	9.0	100.0	57.6	9.2	88.1	86.0	9.6	92.9	78.0	9.9	96.5	58.7	10.1
	90.0	94.3	88.8	8.7	97.3	85.1	9.0	99.4	70.1	9.2	91.0	90.5	9.6	93.9	86.7	9.9	95.9	71.5	10.1
3000	75.0	86.6	72.0	8.7	95.7	54.5	9.0	102.9	24.1	9.2	83.5	73.3	9.7	92.3	55.5	10.0	99.3	24.5	10.2
	80.0	90.3	82.7	8.8	97.4	68.3	9.0	103.0	44.7	9.2	87.1	84.2	9.7	94.0	69.6	10.0	99.3	45.6	10.2
	85.0	93.7	90.6	8.8	98.8	82.2	9.1	102.7	61.8	9.2	90.4	90.4	9.7	95.4	83.8	10.0	99.0	63.0	10.2
	90.0	96.8	95.4	8.8	99.9	91.3	9.1	102.0	75.3	9.3	93.4	93.4	9.8	96.4	93.1	10.1	98.4	76.7	10.2
3300	75.0	88.1	75.4	8.8	97.4	57.1	9.1	104.7	25.2	9.3	85.0	76.8	9.7	93.9	58.2	10.0	101.0	25.7	10.2
	80.0	91.9	86.5	8.8	99.1	71.5	9.1	104.7	46.8	9.3	88.6	88.2	9.7	95.6	72.8	10.0	101.0	47.7	10.2
	85.0	95.3	94.8	8.9	100.5	86.1	9.2	104.4	64.7	9.3	92.0	92.0	9.8	97.0	87.7	10.1	100.7	66.0	10.3
	90.0	98.5	98.5	8.9	101.6	95.6	9.2	103.8	78.8	9.3	95.0	95.0	9.8	98.0	97.4	10.1	100.1	80.3	10.3
3600	75.0	89.2	77.7	8.9	98.6	58.9	9.2	106.0	26.0	9.3	86.0	79.2	9.8	95.1	60.0	10.1	102.3	26.5	10.3
	80.0	93.1	89.3	8.9	100.4	73.7	9.2	106.1	48.3	9.4	89.8	89.3	9.8	96.8	75.1	10.1	102.3	49.2	10.3
	85.0	96.6	96.6	8.9	101.8	88.8	9.2	105.8	66.8	9.4	93.2	93.2	9.8	98.2	90.5	10.1	102.0	68.0	10.3
	90.0	99.7	99.7	9.0	102.9	98.6	9.3	105.1	81.3	9.4	96.2	96.2	9.9	99.3	99.3	10.2	101.4	82.9	10.4

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2400	75.0	75.0	62.4	10.2	83.0	47.2	10.5	89.2	20.9	10.7	70.8	60.7	10.8	78.3	46.0	11.1	84.2	20.3	11.3	65.6	57.9	11.3	72.5	43.9	11.6	78.0	19.4	11.9
	80.0	78.3	71.6	10.2	84.4	59.2	10.6	89.2	38.8	10.7	73.9	69.7	10.8	79.7	57.6	11.2	84.2	37.7	11.4	68.4	66.5	11.3	73.8	55.0	11.7	78.0	36.0	11.9
	85.0	81.2	78.5	10.3	85.7	71.3	10.6	89.0	53.6	10.8	76.7	76.4	10.9	80.8	69.3	11.2	84.0	52.2	11.4	71.0	71.0	11.4	74.9	66.2	11.7	77.8	49.8	11.9
	90.0	83.9	82.7	10.3	86.6	79.2	10.6	88.4	65.3	10.8	79.2	79.2	10.9	81.7	77.0	11.2	83.5	63.5	11.4	73.3	73.3	11.4	75.7	73.5	11.7	77.3	60.6	12.0
2700	75.0	78.5	66.6	10.3	86.8	50.4	10.6	93.3	22.3	10.8	74.1	64.8	10.9	81.9	49.1	11.2	88.1	21.7	11.4	68.6	61.8	11.4	75.9	46.8	11.7	81.6	20.7	11.9
	80.0	81.9	76.4	10.3	88.4	63.1	10.6	93.4	41.3	10.8	77.3	74.4	10.9	83.4	61.4	11.2	88.1	40.2	11.4	71.6	71.0	11.4	77.2	58.6	11.8	81.6	38.4	12.0
	85.0	85.0	83.8	10.3	89.6	76.0	10.7	93.1	57.2	10.9	80.2	80.2	10.9	84.6	74.0	11.3	87.9	55.7	11.5	74.3	74.3	11.4	78.4	70.6	11.8	81.4	53.1	12.0
	90.0	87.8	87.8	10.4	90.6	84.5	10.7	92.5	69.6	10.9	82.9	82.9	11.0	85.5	82.2	11.3	87.3	67.8	11.5	76.8	76.8	11.5	79.2	78.5	11.8	80.9	64.7	12.0
3000	75.0	80.6	71.5	10.3	89.1	54.1	10.7	95.8	23.9	10.9	76.1	69.6	10.9	84.1	52.7	11.3	90.4	23.3	11.5	70.5	66.4	11.4	77.9	50.3	11.8	83.7	22.2	12.0
	80.0	84.1	82.1	10.4	90.7	67.8	10.7	95.9	44.4	10.9	79.4	79.4	11.0	85.6	66.0	11.3	90.5	43.2	11.5	73.5	73.5	11.5	79.3	63.0	11.8	83.8	41.2	12.1
	85.0	87.3	87.3	10.4	92.0	81.6	10.7	95.6	61.4	10.9	82.4	82.4	11.0	86.8	79.5	11.4	90.2	59.8	11.6	76.3	76.3	11.5	80.4	75.8	11.9	83.5	57.0	12.1
	90.0	90.1	90.1	10.4	93.0	90.7	10.8	95.0	74.8	11.0	85.1	85.1	11.0	87.8	87.8	11.4	89.7	72.8	11.6	78.8	78.8	11.5	81.3	81.3	11.9	83.0	69.5	12.1
3300	75.0	82.0	74.8	10.4	90.6	56.7	10.7	97.4	25.0	10.9	77.4	72.8	11.0	85.5	55.2	11.4	92.0	24.3	11.6	71.7	69.5	11.5	79.2	52.6	11.9	85.2	23.2	12.1
	80.0	85.5	85.5	10.5	92.3	71.0	10.8	97.5	46.5	11.0	80.7	80.7	11.0	87.1	69.1	11.4	92.0	45.2	11.6	74.8	74.8	11.5	80.7	65.9	11.9	85.2	43.2	12.1
	85.0	88.8	88.8	10.5	93.6	85.5	10.8	97.2	64.3	11.0	83.8	83.8	11.1	88.3	83.2	11.4	91.7	62.6	11.6	77.6	77.6	11.6	81.8	79.4	11.9	85.0	59.7	12.2
	90.0	91.7	91.7	10.5	94.6	94.6	10.8	96.6	78.3	11.0	86.5	86.5	11.1	89.3	89.3	11.5	91.2	76.2	11.7	80.1	80.1	11.6	82.7	82.7	12.0	84.5	72.7	12.2
3600	75.0	83.0	77.2	10.5	91.8	58.5	10.8	98.7	25.8	11.0	78.4	75.1	11.1	86.6	56.9	11.4	93.1	25.1	11.6	72.6	71.7	11.6	80.2	54.3	11.9	86.3	24.0	12.2
	80.0	86.6	86.6	10.5	93.5	73.2	10.9	98.7	47.9	11.1	81.8	81.8	11.1	88.2	71.2	11.5	93.2	46.7	11.7	75.7	75.7	11.6	81.7	68.0	12.0	86.3	44.5	12.2
	85.0	89.9	89.9	10.6	94.8	88.2	10.9	98.5	66.3	11.1	84.8	84.8	11.2	89.5	85.8	11.5	92.9	64.5	11.7	78.6	78.6	11.7	82.9	81.9	12.0	86.1	61.6	12.2
	90.0	92.9	92.9	10.6	95.8	95.8	10.9	97.9	80.8	11.1	87.6	87.6	11.2	90.4	90.4	11.5	92.4	78.6	11.8	81.2	81.2	11.7	83.8	83.8	12.1	85.5	75.0	12.3

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C102*C** (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2720	75	91.7	71.6	7.95	101.4	54.2	8.20	109.0	23.9	8.35	88.5	72.9	8.77	97.8	55.2	9.05	105.2	24.4	9.21
	80	95.7	82.2	7.97	103.2	67.9	8.23	109.1	44.5	8.38	92.3	83.8	8.80	99.6	69.2	9.07	105.2	45.3	9.24
	85	99.3	90.1	8.00	104.7	81.8	8.25	108.8	61.5	8.40	95.8	91.8	8.82	101.0	83.3	9.10	104.9	62.7	9.27
	90	102.6	94.9	8.02	105.9	90.8	8.28	108.1	74.9	8.43	99.0	96.7	8.85	102.1	92.6	9.13	104.3	76.3	9.30
3060	75	96.5	76.8	8.02	106.7	58.1	8.27	114.7	25.7	8.43	93.1	78.2	8.84	102.9	59.2	9.12	110.6	26.1	9.29
	80	100.7	88.1	8.04	108.6	72.8	8.30	114.7	47.7	8.45	97.1	89.8	8.87	104.8	74.2	9.14	110.7	48.6	9.31
	85	104.5	96.6	8.07	110.2	87.7	8.32	114.4	65.9	8.48	100.8	98.4	8.89	106.3	89.3	9.17	110.4	67.2	9.34
	90	107.9	101.7	8.09	111.3	97.4	8.35	113.7	80.3	8.50	104.1	103.7	8.92	107.4	99.3	9.20	109.7	81.8	9.37
3400	75	98.6	80.8	8.09	109.0	61.2	8.34	117.1	27.0	8.50	95.1	82.4	8.94	105.1	62.4	9.22	113.0	27.5	9.39
	80	102.8	92.8	8.11	110.9	76.6	8.37	117.2	50.2	8.52	99.2	94.6	8.97	107.0	78.1	9.25	113.1	51.2	9.42
	85	106.7	101.7	8.14	112.5	92.3	8.39	116.9	69.4	8.55	102.9	102.9	8.99	108.5	94.1	9.28	112.7	70.8	9.45
	90	110.2	107.1	8.16	113.7	102.6	8.42	116.2	84.5	8.57	106.3	106.3	9.02	109.7	104.5	9.31	112.1	86.2	9.48
3740	75	100.7	83.2	8.16	111.4	63.0	8.41	119.7	27.8	8.57	97.2	84.8	8.98	107.4	64.2	9.26	115.5	28.3	9.43
	80	105.1	95.6	8.18	113.4	78.9	8.44	119.8	51.7	8.60	101.4	97.4	9.00	109.4	80.4	9.29	115.6	52.7	9.46
	85	109.1	104.7	8.21	115.0	95.0	8.46	119.5	71.5	8.62	105.2	105.2	9.03	111.0	96.9	9.32	115.2	72.8	9.49
	90	112.7	110.3	8.23	116.2	105.6	8.49	118.7	87.0	8.65	108.7	108.7	9.06	112.1	107.6	9.34	114.5	88.7	9.52
4080	75	101.5	85.4	8.23	112.2	64.7	8.48	120.7	28.5	8.64	97.9	87.0	9.04	108.3	65.9	9.33	116.4	29.1	9.50
	80	105.9	98.1	8.25	114.3	81.0	8.51	120.7	53.0	8.67	102.2	98.1	9.07	110.2	82.5	9.36	116.5	54.1	9.53
	85	109.9	107.5	8.27	115.9	97.5	8.54	120.4	73.4	8.69	106.0	106.0	9.10	111.8	99.4	9.39	116.1	74.8	9.56
	90	113.5	113.2	8.30	117.2	108.4	8.56	119.7	89.3	8.72	109.5	109.5	9.13	113.0	110.4	9.41	115.4	91.0	9.59

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
2720	75	83.7	69.7	9.43	92.6	52.8	9.73	99.5	23.3	9.91	78.3	67.2	9.98	86.5	50.9	10.30	93.0	22.5	10.49	71.8	63.5	10.44	79.4	48.1	10.77	85.3	21.2	10.97
	80	87.4	80.0	9.46	94.2	66.1	9.76	99.6	43.3	9.94	81.6	77.1	10.01	88.1	63.7	10.33	93.1	41.7	10.52	74.9	72.9	10.47	80.8	60.2	10.80	85.4	39.4	11.00
	85	90.7	87.7	9.49	95.6	79.6	9.79	99.3	59.9	9.97	84.7	84.5	10.04	89.3	76.7	10.36	92.8	57.7	10.55	77.7	77.7	10.50	82.0	72.5	10.84	85.1	54.5	11.04
	90	93.6	92.4	9.52	96.6	88.4	9.82	98.7	72.9	10.00	87.5	87.5	10.07	90.3	85.2	10.39	92.2	70.3	10.58	80.3	80.3	10.54	82.8	80.6	10.87	84.6	66.4	11.07
3060	75	88.1	74.7	9.50	97.4	56.6	9.80	104.7	25.0	9.98	82.3	72.0	10.05	91.0	54.5	10.37	97.8	24.1	10.56	75.5	68.1	10.51	83.5	51.6	10.84	89.7	22.8	11.04
	80	91.9	85.8	9.53	99.1	70.9	9.83	104.7	46.4	10.01	85.9	82.7	10.08	92.6	68.3	10.40	97.9	44.7	10.59	78.8	78.2	10.54	85.0	64.6	10.87	89.8	42.3	11.08
	85	95.4	94.1	9.56	100.5	85.4	9.86	104.4	64.2	10.04	89.1	89.1	10.11	94.0	82.3	10.43	97.6	61.9	10.62	81.7	81.7	10.57	86.2	77.8	10.91	89.5	58.5	11.11
	90	98.5	98.5	9.59	101.6	94.8	9.89	103.8	78.2	10.07	92.0	92.0	10.14	95.0	91.4	10.46	97.0	75.3	10.65	84.4	84.4	10.61	87.1	86.4	10.94	89.0	71.2	11.14
3400	75	90.0	78.7	9.57	99.5	59.6	9.87	106.9	26.3	10.06	84.1	75.8	10.12	92.9	57.4	10.44	99.9	25.4	10.63	77.1	71.7	10.58	85.3	54.3	10.91	91.7	24.0	11.12
	80	93.8	90.4	9.60	101.2	74.6	9.90	107.0	48.9	10.09	87.7	87.1	10.15	94.6	71.9	10.47	100.0	47.1	10.66	80.5	80.5	10.61	86.8	68.0	10.95	91.7	44.5	11.15
	85	97.4	97.4	9.63	102.7	89.9	9.93	106.7	67.6	10.12	91.0	91.0	10.18	96.0	86.6	10.50	99.7	65.2	10.70	83.5	83.5	10.64	88.0	81.9	10.98	91.4	61.6	11.18
	90	100.6	100.6	9.66	103.8	99.9	9.96	106.0	82.3	10.15	94.0	94.0	10.21	97.0	96.2	10.53	99.1	79.3	10.73	86.2	86.2	10.67	89.0	89.0	11.01	90.9	75.0	11.22
3740	75	92.0	81.0	9.64	101.7	61.4	9.94	109.3	27.1	10.13	85.9	78.1	10.19	95.0	59.1	10.51	102.1	26.1	10.70	78.8	73.8	10.65	87.2	55.9	10.98	93.7	24.7	11.19
	80	95.9	93.0	9.67	103.5	76.8	9.97	109.3	50.3	10.16	89.7	89.7	10.22	96.7	74.0	10.54	102.2	48.5	10.74	82.2	82.2	10.68	88.7	70.0	11.02	93.7	45.8	11.22
	85	99.6	99.6	9.70	105.0	92.5	10.00	109.0	69.6	10.19	93.0	93.0	10.25	98.1	89.2	10.57	101.9	67.1	10.77	85.3	85.3	10.71	90.0	84.3	11.05	93.5	63.4	11.25
	90	102.8	102.8	9.73	106.1	102.8	10.03	108.4	84.8	10.22	96.1	96.1	10.28	99.2	99.1	10.60	101.3	81.7	10.80	88.1	88.1	10.74	91.0	91.0	11.08	92.9	77.2	11.29
4080	75	92.7	83.2	9.71	102.5	63.0	10.01	110.1	27.8	10.20	86.6	80.1	10.26	95.7	60.7	10.58	102.9	26.8	10.78	79.4	75.7	10.72	87.8	57.4	11.05	94.4	25.3	11.26
	80	96.7	95.5	9.74	104.3	78.9	10.04	110.2	51.6	10.23	90.4	90.4	10.29	97.5	76.0	10.61	103.0	49.8	10.81	82.9	82.9	10.75	89.4	71.8	11.09	94.5	47.0	11.29
	85	100.3	100.3	9.77	105.8	95.0	10.07	109.9	71.4	10.26	93.8	93.8	10.32	98.9	91.5	10.64	102.7	68.8	10.84	86.0	86.0	10.78	90.7	86.5	11.12	94.2	65.1	11.33
	90	103.6	103.6	9.80	106.9	105.5	10.11	109.2	87.0	10.29	96.8	96.8	10.35	99.9	99.9	10.68	102.1	83.8	10.87	88.8	88.8	10.81	91.7	91.7	11.15	93.6	79.2	11.36

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C120B(9)C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3200	75	107.9	84.2	9.62	119.3	63.8	9.93	128.3	28.2	10.11	104.1	85.8	10.62	115.1	65.0	10.95	123.8	28.7	11.15
	80	112.6	96.7	9.65	121.5	79.9	9.96	128.4	52.3	10.14	108.6	98.6	10.65	117.2	81.4	10.98	123.8	53.3	11.19
	85	116.9	106.0	9.68	123.2	96.2	9.99	128.0	72.4	10.17	112.7	108.0	10.68	118.9	98.0	11.02	123.5	73.7	11.22
	90	120.7	111.6	9.71	124.6	106.9	10.02	127.2	88.1	10.20	116.4	113.8	10.71	120.2	108.9	11.05	122.7	89.8	11.25
3600	75	113.5	90.3	9.71	125.5	68.4	10.01	134.9	30.2	10.20	109.5	92.0	10.70	121.1	69.7	11.04	130.2	30.8	11.24
	80	118.4	103.7	9.74	127.8	85.7	10.04	135.0	56.1	10.23	114.3	105.7	10.73	123.3	87.3	11.07	130.2	57.2	11.28
	85	122.9	113.7	9.77	129.6	103.2	10.07	134.6	77.6	10.26	118.6	115.8	10.76	125.0	105.1	11.10	129.9	79.1	11.31
	90	127.0	119.7	9.80	131.0	114.6	10.10	133.8	94.5	10.29	122.5	122.0	10.80	126.4	116.8	11.14	129.1	96.3	11.34
4000	75	116.0	99.0	9.79	128.2	75.0	10.10	137.8	33.1	10.29	111.9	100.9	10.82	123.7	76.4	11.16	133.0	33.7	11.37
	80	121.0	113.7	9.82	130.5	93.9	10.13	137.9	61.5	10.32	116.7	115.9	10.86	125.9	95.7	11.20	133.0	62.7	11.41
	85	125.5	124.6	9.85	132.4	113.1	10.16	137.5	85.0	10.35	121.1	121.1	10.89	127.7	115.2	11.23	132.7	86.7	11.44
	90	129.7	129.7	9.88	133.8	125.6	10.19	136.7	103.6	10.38	125.1	125.1	10.92	129.1	128.0	11.27	131.8	105.5	11.47
4400	75	118.5	97.9	9.87	131.0	74.1	10.19	140.9	32.7	10.37	114.4	99.8	10.87	126.4	75.6	11.21	135.9	33.4	11.42
	80	123.7	112.4	9.90	133.4	92.9	10.22	141.0	60.8	10.41	119.3	114.6	10.90	128.7	94.6	11.24	136.0	62.0	11.45
	85	128.3	123.2	9.93	135.3	111.8	10.25	140.6	84.1	10.44	123.8	123.8	10.93	130.6	114.0	11.28	135.6	85.7	11.49
	90	132.5	129.8	9.96	136.8	124.2	10.28	139.7	102.4	10.47	127.9	127.9	10.96	132.0	126.6	11.31	134.8	104.4	11.52
4800	75	119.5	100.5	9.96	132.1	76.1	10.27	142.0	33.6	10.46	115.2	102.4	10.95	127.4	77.6	11.29	137.0	34.2	11.50
	80	124.6	115.4	9.99	134.4	95.3	10.30	142.1	62.4	10.49	120.2	115.5	10.98	129.7	97.1	11.33	137.0	63.6	11.54
	85	129.3	126.5	10.02	136.4	114.8	10.33	141.7	86.3	10.52	124.8	124.8	11.01	131.6	117.0	11.36	136.7	88.0	11.57
	90	133.6	133.2	10.05	137.8	127.5	10.36	140.8	105.1	10.56	128.9	128.9	11.05	133.0	129.9	11.40	135.8	107.1	11.61

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
3200	75	98.5	82.0	11.42	108.9	62.1	11.78	117.1	27.4	12.00	92.1	79.0	12.08	101.8	59.9	12.46	109.4	26.4	12.70	84.5	74.7	12.64	93.4	56.6	13.04	100.4	25.0	13.28
	80	102.8	94.2	11.45	110.9	77.8	11.81	117.2	50.9	12.03	96.1	90.8	12.12	103.6	75.0	12.50	109.5	49.1	12.73	88.1	85.8	12.68	95.1	70.8	13.08	100.4	46.4	13.32
	85	106.7	103.2	11.49	112.5	93.7	11.85	116.8	70.4	12.07	99.7	99.5	12.16	105.1	90.3	12.54	109.2	67.9	12.77	91.4	91.4	12.72	96.4	85.3	13.12	100.2	64.2	13.36
	90	110.2	108.7	11.52	113.7	104.1	11.89	116.1	85.8	12.11	103.0	103.0	12.19	106.2	100.3	12.58	108.5	82.7	12.81	94.4	94.4	12.75	97.5	94.8	13.16	99.5	78.1	13.40
3600	75	103.6	87.9	11.50	114.6	66.6	11.87	123.2	29.4	12.09	96.8	84.8	12.17	107.1	64.2	12.55	115.1	28.3	12.78	88.8	80.1	12.72	98.2	60.7	13.12	105.6	26.8	13.37
	80	108.1	101.0	11.54	116.6	83.4	11.90	123.2	54.6	12.12	101.0	97.3	12.20	109.0	80.4	12.59	115.2	52.6	12.82	92.7	92.0	12.76	100.0	76.0	13.16	105.6	49.8	13.41
	85	112.2	110.7	11.57	118.3	100.4	11.94	122.9	75.5	12.16	104.9	104.9	12.24	110.6	96.8	12.63	114.8	72.8	12.86	96.2	96.2	12.80	101.4	91.5	13.20	105.3	68.8	13.45
	90	115.9	115.9	11.61	119.6	111.6	11.97	122.1	92.0	12.19	108.3	108.3	12.28	111.7	107.5	12.66	114.1	88.7	12.90	99.3	99.3	12.84	102.5	101.6	13.24	104.7	83.8	13.49
4000	75	105.8	96.4	11.59	117.0	73.0	11.95	125.8	32.2	12.17	98.9	92.9	12.25	109.4	70.4	12.64	117.6	31.1	12.87	90.7	87.8	12.81	100.3	66.5	13.21	107.9	29.4	13.46
	80	110.4	110.4	11.62	119.1	91.4	11.99	125.9	59.9	12.21	103.2	103.2	12.29	111.3	88.1	12.67	117.6	57.7	12.91	94.7	94.7	12.84	102.1	83.3	13.25	107.9	54.5	13.50
	85	114.6	114.6	11.66	120.8	110.1	12.02	125.5	82.8	12.25	107.1	107.1	12.32	112.9	106.1	12.71	117.3	79.8	12.95	98.2	98.2	12.88	103.6	100.3	13.29	107.6	75.4	13.54
	90	118.4	118.4	11.69	122.1	122.1	12.06	124.7	100.8	12.28	110.6	110.6	12.36	114.1	114.1	12.75	116.6	97.2	12.99	101.5	101.5	12.92	104.7	104.7	13.33	106.9	91.9	13.58
4400	75	108.2	95.3	11.67	119.6	72.2	12.04	128.6	31.9	12.26	101.1	91.9	12.33	111.8	69.6	12.72	120.2	30.7	12.96	92.8	86.8	12.89	102.5	65.8	13.30	110.2	29.0	13.54
	80	112.9	109.5	11.70	121.8	90.4	12.07	128.7	59.2	12.30	105.5	105.5	12.37	113.8	87.1	12.76	120.2	57.1	13.00	96.8	96.8	12.93	104.4	82.4	13.34	110.3	53.9	13.58
	85	117.1	117.1	11.74	123.5	108.9	12.11	128.3	81.9	12.33	109.5	109.5	12.41	115.4	104.9	12.80	119.9	78.9	13.04	100.4	100.4	12.97	105.9	99.2	13.38	110.0	74.6	13.62
	90	121.0	121.0	11.77	124.8	121.0	12.15	127.5	99.7	12.37	113.1	113.1	12.44	116.7	116.6	12.84	119.2	96.1	13.07	103.7	103.7	13.01	107.0	107.0	13.42	109.3	90.8	13.67
4800	75	109.0	97.8	11.75	120.5	74.1	12.12	129.6	32.7	12.35	101.9	94.3	12.42	112.7	71.4	12.81	121.1	31.5	13.04	93.5	89.1	12.97	103.3	67.5	13.38	111.1	29.8	13.63
	80	113.8	112.4	11.79	122.7	92.8	12.16	129.7	60.8	12.38	106.3	106.3	12.45	114.7	89.4	12.85	121.2	58.6	13.08	97.5	97.5	13.01	105.2	84.5	13.42	111.2	55.4	13.67
	85	118.1	118.1	11.82	124.5	111.7	12.20	129.3	84.1	12.42	110.3	110.3	12.49	116.3	107.7	12.88	120.8	81.0	13.12	101.2	101.2	13.05	106.7	101.8	13.46	110.8	76.6	13.71
	90	121.9	121.9	11.86	125.8	124.2	12.23	128.5	102.4	12.46	113.9	113.9	12.53	117.6	117.6	12.92	120.1	98.6	13.16	104.5	104.5	13.09	107.9	107.9	13.50	110.2	93.2	13.75

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C150*C** (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4000	75	129.5	101.0	12.39	143.1	76.5	12.79	153.9	33.8	13.02	124.9	102.9	13.67	138.1	78.0	14.10	148.4	34.4	14.36
	80	135.1	116.0	12.43	145.7	95.8	12.82	153.9	62.7	13.06	130.3	118.2	13.71	140.6	97.6	14.15	148.5	63.9	14.41
	85	140.2	127.1	12.47	147.8	115.4	12.86	153.5	86.8	13.10	135.2	129.6	13.75	142.6	117.6	14.19	148.1	88.4	14.45
	90	144.8	133.9	12.51	149.4	128.2	12.90	152.6	105.7	13.14	139.7	136.4	13.79	144.1	130.6	14.23	147.2	107.7	14.49
4500	75	136.2	108.3	12.50	150.5	82.0	12.90	161.8	36.2	13.13	131.4	110.4	13.78	145.2	83.6	14.21	156.1	36.9	14.48
	80	142.1	124.4	12.54	153.2	102.7	12.93	161.9	67.3	13.17	137.0	126.8	13.82	147.8	104.7	14.26	156.2	68.6	14.52
	85	147.4	136.3	12.58	155.5	123.7	12.97	161.5	93.1	13.21	142.2	138.9	13.86	150.0	126.1	14.30	155.8	94.8	14.56
	90	152.3	143.6	12.61	157.1	137.4	13.01	160.5	113.3	13.25	146.9	146.3	13.90	151.6	140.1	14.34	154.8	115.5	14.61
5000	75	139.1	117.2	12.61	153.8	88.7	13.01	165.3	39.2	13.25	134.2	119.4	13.94	148.3	90.4	14.38	159.5	39.9	14.65
	80	145.1	134.6	12.65	156.5	111.1	13.05	165.4	72.8	13.29	140.0	137.1	13.98	151.0	113.3	14.42	159.5	74.2	14.69
	85	150.6	147.5	12.68	158.8	133.8	13.08	164.9	100.7	13.33	145.3	145.3	14.02	153.2	136.4	14.46	159.1	102.6	14.73
	90	155.5	155.3	12.72	160.5	148.7	13.12	163.9	122.6	13.37	150.0	150.0	14.06	154.8	151.5	14.51	158.1	124.9	14.78
5500	75	142.2	117.4	12.72	157.2	88.9	13.12	169.0	39.3	13.36	137.1	119.7	13.99	151.6	90.6	14.43	163.0	40.0	14.70
	80	148.3	134.8	12.75	160.0	111.4	13.16	169.1	72.9	13.40	143.1	137.4	14.04	154.4	113.5	14.48	163.1	74.3	14.75
	85	153.9	147.8	12.79	162.3	134.1	13.20	168.6	100.9	13.44	148.5	148.5	14.08	156.6	136.7	14.52	162.6	102.8	14.79
	90	159.0	155.6	12.83	164.1	149.0	13.24	167.6	122.8	13.48	153.4	153.4	14.12	158.3	151.9	14.56	161.6	125.2	14.84
6000	75	143.3	120.5	12.82	158.4	91.3	13.23	170.3	40.3	13.47	138.2	122.8	14.10	152.8	93.0	14.55	164.3	41.1	14.82
	80	149.5	138.4	12.86	161.2	114.3	13.27	170.4	74.9	13.51	144.2	138.5	14.14	155.6	116.5	14.59	164.4	76.3	14.86
	85	155.1	151.7	12.90	163.6	137.7	13.31	169.9	103.5	13.55	149.6	149.6	14.19	157.8	140.3	14.63	163.9	105.5	14.90
	90	160.2	159.7	12.94	165.3	152.9	13.35	168.9	126.1	13.59	154.6	154.6	14.23	159.5	155.9	14.68	162.9	128.5	14.95

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4000	75	118.2	98.4	14.71	130.6	74.5	15.17	140.5	32.9	15.45	110.4	94.8	15.56	122.1	71.8	16.05	131.3	31.7	16.35	101.3	89.6	16.28	112.0	67.8	16.79	120.4	29.9	17.10
	80	123.3	112.9	14.75	133.0	93.3	15.22	140.5	61.1	15.50	115.2	108.9	15.61	124.3	89.9	16.10	131.3	58.9	16.40	105.7	102.9	16.33	114.0	85.0	16.84	120.5	55.6	17.15
	85	127.9	123.8	14.79	134.9	112.3	15.26	140.1	84.5	15.54	119.6	119.3	15.65	126.1	108.3	16.15	130.9	81.4	16.45	109.7	109.7	16.38	115.7	102.3	16.89	120.1	77.0	17.21
	90	132.1	130.4	14.84	136.4	124.8	15.31	139.3	102.9	15.59	123.5	123.5	15.70	127.4	120.3	16.20	130.2	99.2	16.50	113.3	113.3	16.42	116.9	113.7	16.94	119.4	93.7	17.26
4500	75	124.3	105.5	14.81	137.4	79.9	15.28	147.7	35.3	15.56	116.1	101.6	15.67	128.4	77.0	16.16	138.1	34.0	16.46	106.5	96.1	16.38	117.8	72.8	16.90	126.6	32.1	17.22
	80	129.7	121.1	14.86	139.9	100.0	15.33	147.8	65.5	15.61	121.2	116.7	15.71	130.7	96.4	16.21	138.1	63.1	16.51	111.2	110.3	16.43	119.9	91.1	16.95	126.7	59.7	17.27
	85	134.6	132.7	14.90	141.9	120.5	15.37	147.4	90.6	15.66	125.8	125.8	15.76	132.6	116.1	16.26	137.7	87.3	16.56	115.4	115.4	16.48	121.6	109.7	17.00	126.3	82.5	17.32
	90	139.0	139.0	14.95	143.4	133.8	15.42	146.5	110.3	15.70	129.9	129.9	15.81	134.0	129.0	16.31	136.9	106.3	16.61	119.1	119.1	16.53	122.9	121.9	17.05	125.6	100.5	17.37
5000	75	126.9	114.1	14.92	140.3	86.4	15.39	150.9	38.1	15.68	118.6	110.0	15.77	131.2	83.3	16.27	141.0	36.8	16.57	108.8	103.9	16.49	120.3	78.7	17.01	129.4	34.7	17.33
	80	132.4	131.0	14.96	142.9	108.2	15.44	151.0	70.9	15.72	123.8	123.8	15.82	133.5	104.3	16.32	141.1	68.3	16.62	113.5	113.5	16.54	122.5	98.6	17.06	129.4	64.6	17.38
	85	137.4	137.4	15.01	144.9	130.3	15.48	150.5	98.0	15.77	128.4	128.4	15.87	135.4	125.6	16.37	140.7	94.5	16.67	117.8	117.8	16.59	124.2	118.7	17.11	129.0	89.3	17.43
	90	142.0	142.0	15.05	146.5	144.8	15.53	149.6	119.4	15.82	132.7	132.7	15.92	136.9	136.9	16.42	139.8	115.0	16.72	121.7	121.7	16.64	125.6	125.6	17.17	128.3	108.7	17.48
5500	75	129.8	114.3	15.03	143.5	86.6	15.50	154.2	38.2	15.79	121.3	110.2	15.88	134.1	83.4	16.38	144.1	36.8	16.69	111.2	104.1	16.60	123.0	78.9	17.12	132.2	34.8	17.44
	80	135.4	131.3	15.07	146.0	108.4	15.55	154.3	71.0	15.84	126.5	126.5	15.93	136.5	104.5	16.43	144.2	68.4	16.74	116.1	116.1	16.65	125.2	98.8	17.17	132.3	64.7	17.49
	85	140.5	140.5	15.12	148.2	130.6	15.59	153.9	98.2	15.88	131.3	131.3	15.98	138.5	125.9	16.48	143.8	94.7	16.79	120.4	120.4	16.70	127.0	119.0	17.23	131.9	89.5	17.55
	90	145.1	145.1	15.16	149.7	145.1	15.64	152.9	119.6	15.93	135.6	135.6	16.02	139.9	139.8	16.53	142.9	115.3	16.84	124.4	124.4	16.75	128.4	128.4	17.28	131.1	109.0	17.60
6000	75	130.8	117.3	15.13	144.6	88.9	15.61	155.4	39.2	15.90	122.2	113.1	15.99	135.1	85.6	16.49	145.3	37.8	16.80	112.1	106.9	16.71	123.9	81.0	17.23	133.3	35.7	17.55
	80	136.4	134.8	15.18	147.2	111.3	15.66	155.5	72.9	15.95	127.5	127.5	16.04	137.5	107.3	16.54	145.3	70.2	16.85	117.0	117.0	16.76	126.2	101.4	17.29	133.3	66.4	17.61
	85	141.6	141.6	15.23	149.3	134.0	15.71	155.1	100.8	16.00	132.3	132.3	16.08	139.5	129.2	16.59	144.9	97.2	16.90	121.4	121.4	16.81	128.0	122.1	17.34	132.9	91.8	17.66
	90	146.2	146.2	15.27	150.9	148.9	15.75	154.1	122.8	16.05	136.7	136.7	16.13	141.0	141.0	16.64	144.0	118.3	16.95	125.4	125.4	16.86	129.4	129.4	17.39	132.1	111.8	17.71

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C180B(D/9)C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4800	75	166.2	129.7	14.42	183.8	98.2	14.87	197.6	43.4	15.15	158.0	130.2	15.90	174.7	98.6	16.41	187.8	43.5	16.71
	80	173.4	148.9	14.46	187.1	123.0	14.92	197.6	80.6	15.19	164.8	149.5	15.95	177.8	123.5	16.45	187.9	80.9	16.76
	85	180.0	163.2	14.50	189.8	148.1	14.96	197.1	111.4	15.24	171.0	163.9	16.00	180.4	148.7	16.50	187.3	111.9	16.81
	90	185.9	171.9	14.55	191.8	164.6	15.01	195.9	135.7	15.29	176.7	172.6	16.05	182.3	165.2	16.55	186.2	136.2	16.86
5400	75	174.8	139.1	14.54	193.3	105.3	15.00	207.8	46.5	15.28	166.2	139.6	16.03	183.7	105.7	16.53	197.5	46.7	16.84
	80	182.4	159.7	14.59	196.7	131.9	15.05	207.9	86.4	15.33	173.3	160.3	16.08	187.0	132.4	16.58	197.6	86.7	16.89
	85	189.3	175.0	14.63	199.6	158.8	15.09	207.3	119.5	15.37	179.9	175.7	16.12	189.7	159.5	16.63	197.0	120.0	16.94
	90	195.5	184.3	14.67	201.7	176.5	15.14	206.0	145.5	15.42	185.8	185.1	16.17	191.7	177.2	16.68	195.8	146.1	16.99
6000	75	178.6	154.5	14.67	197.4	117.0	15.13	212.2	51.6	15.41	169.7	155.1	16.21	187.6	117.4	16.73	201.7	51.8	17.04
	80	186.3	177.4	14.71	201.0	146.5	15.18	212.3	95.9	15.46	177.1	177.1	16.26	191.0	147.1	16.78	201.8	96.3	17.09
	85	193.3	193.3	14.76	203.9	176.4	15.22	211.7	132.7	15.50	183.7	183.7	16.31	193.8	177.1	16.83	201.2	133.2	17.14
	90	199.7	199.7	14.80	206.0	196.0	15.27	210.4	161.6	15.55	189.8	189.8	16.36	195.8	195.8	16.88	200.0	162.2	17.19
6600	75	182.5	150.8	14.79	201.8	114.2	15.26	216.9	50.4	15.54	173.5	151.4	16.28	191.8	114.6	16.79	206.2	50.6	17.10
	80	190.4	173.1	14.84	205.4	143.0	15.30	217.0	93.6	15.59	181.0	173.8	16.33	195.2	143.6	16.84	206.3	94.0	17.15
	85	197.6	189.7	14.88	208.4	172.2	15.35	216.4	129.5	15.63	187.8	187.8	16.38	198.1	172.9	16.89	205.7	130.0	17.21
	90	204.1	199.8	14.93	210.6	191.3	15.40	215.1	157.7	15.68	194.0	194.0	16.42	200.2	192.1	16.94	204.5	158.4	17.26
7200	75	183.9	154.7	14.92	203.4	117.2	15.39	218.6	51.7	15.67	174.8	155.4	16.40	193.3	117.7	16.92	207.8	51.9	17.23
	80	191.9	177.7	14.96	207.0	146.7	15.43	218.7	96.1	15.72	182.4	175.2	16.45	196.8	147.3	16.97	207.9	96.5	17.29
	85	199.2	194.7	15.01	210.0	176.7	15.48	218.1	132.9	15.77	189.3	189.3	16.50	199.6	177.4	17.02	207.3	133.5	17.34
	90	205.7	205.1	15.05	212.3	196.3	15.53	216.8	161.9	15.81	195.5	195.5	16.55	201.7	197.1	17.07	206.1	162.5	17.39

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
4800	75	148.7	123.8	17.11	164.4	93.7	17.65	176.8	41.4	17.97	138.3	118.7	18.10	152.9	89.9	18.67	164.4	39.7	19.02	121.7	107.7	18.94	134.6	81.5	19.53	144.7	36.0	19.89
	80	155.2	142.2	17.16	167.4	117.4	17.70	176.9	76.9	18.03	144.3	136.3	18.15	155.6	112.6	18.73	164.4	73.7	19.08	127.0	123.6	18.99	137.0	102.1	19.59	144.8	66.9	19.95
	85	161.0	155.8	17.21	169.8	141.4	17.75	176.4	106.3	18.08	149.7	149.4	18.21	157.9	135.6	18.78	164.0	102.0	19.13	131.8	131.8	19.05	139.0	123.0	19.65	144.3	92.5	20.01
	90	166.3	164.1	17.26	171.6	157.1	17.81	175.3	129.5	18.14	154.6	154.6	18.26	159.6	150.6	18.84	163.0	124.2	19.19	136.1	136.1	19.11	140.5	136.6	19.71	143.5	112.6	20.07
5400	75	156.4	132.7	17.23	172.9	100.5	17.77	185.9	44.4	18.10	145.4	127.3	18.22	160.8	96.4	18.80	172.9	42.5	19.15	128.0	115.4	19.06	141.6	87.4	19.66	152.2	38.6	20.03
	80	163.2	152.4	17.28	176.0	125.9	17.83	186.0	82.4	18.16	151.7	146.2	18.28	163.7	120.7	18.86	173.0	79.1	19.21	133.6	132.6	19.12	144.1	109.5	19.72	152.3	71.7	20.09
	85	169.4	167.1	17.33	178.6	151.6	17.88	185.5	114.0	18.21	157.5	157.5	18.33	166.1	145.4	18.91	172.5	109.3	19.26	138.6	138.6	19.17	146.2	131.9	19.78	151.8	99.2	20.15
	90	174.9	174.9	17.39	180.5	168.4	17.94	184.4	138.9	18.27	162.6	162.6	18.39	167.8	161.5	18.97	171.4	133.2	19.32	143.2	143.2	19.23	147.7	146.5	19.84	150.9	120.8	20.21
6000	75	159.8	147.4	17.36	176.6	111.6	17.90	189.9	49.3	18.24	148.6	141.4	18.35	164.2	107.1	18.93	176.6	47.3	19.28	130.8	128.2	19.18	144.6	97.1	19.79	155.4	42.9	20.16
	80	166.7	166.7	17.41	179.8	139.8	17.96	190.0	91.6	18.29	155.0	155.0	18.40	167.2	134.1	18.99	176.7	87.8	19.34	136.4	136.4	19.24	147.2	121.6	19.85	155.5	79.6	20.22
	85	173.0	173.0	17.46	182.4	168.4	18.01	189.5	126.6	18.35	160.8	160.8	18.46	169.6	161.5	19.04	176.2	121.4	19.40	141.6	141.6	19.30	149.3	146.4	19.91	155.1	110.1	20.28
	90	178.7	178.7	17.51	184.4	184.4	18.07	188.3	154.2	18.40	166.1	166.1	18.52	171.4	171.4	19.10	175.1	147.9	19.45	146.2	146.2	19.36	150.9	150.9	19.97	154.1	134.1	20.34
6600	75	163.3	143.9	17.48	180.6	109.0	18.03	194.1	48.1	18.37	151.9	138.0	18.47	167.9	104.5	19.06	180.5	46.1	19.41	133.7	125.2	19.31	147.8	94.8	19.92	158.9	41.8	20.29
	80	170.4	165.2	17.53	183.8	136.5	18.09	194.2	89.4	18.42	158.4	158.4	18.53	170.9	130.9	19.11	180.6	85.7	19.47	139.5	139.5	19.37	150.4	118.7	19.98	159.0	77.7	20.35
	85	176.8	176.8	17.59	186.5	164.4	18.14	193.7	123.6	18.48	164.4	164.4	18.59	173.4	157.6	19.17	180.1	118.5	19.53	144.7	144.7	19.43	152.6	142.9	20.04	158.5	107.5	20.41
	90	182.6	182.6	17.64	188.5	182.6	18.19	192.5	150.5	18.53	169.8	169.8	18.64	175.2	175.1	19.23	179.0	144.4	19.59	149.5	149.5	19.48	154.3	154.3	20.10	157.6	130.9	20.47
7200	75	164.6	147.7	17.61	182.0	111.8	18.16	195.6	49.4	18.50	153.0	141.6	18.60	169.2	107.3	19.19	181.9	47.3	19.54	134.7	128.5	19.43	148.9	97.3	20.05	160.1	42.9	20.42
	80	171.7	169.6	17.66	185.2	140.1	18.22	195.7	91.7	18.55	159.7	159.7	18.66	172.2	134.3	19.24	182.0	88.0	19.60	140.6	140.6	19.49	151.6	121.8	20.11	160.2	79.8	20.48
	85	178.2	178.2	17.71	187.9	168.7	18.27	195.2	126.9	18.61	165.7	165.7	18.71	174.7	161.8	19.30	181.5	121.7	19.66	145.9	145.9	19.55	153.8	146.7	20.17	159.8	110.3	20.54
	90	184.0	184.0	17.76	189.9	187.4	18.32	194.0	154.5	18.66	171.1	171.1	18.77	176.6	176.6	19.36	180.4	148.2	19.72	150.6	150.6	19.61	155.5	155.5	20.23	158.8	134.4	20.60

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C210B(9)C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
5600	75	178.3	139.1	17.39	197.2	105.4	17.93	212.0	46.5	18.27	172.0	141.8	19.18	190.2	107.4	19.78	204.5	47.4	20.15
	80	186.0	159.8	17.44	200.7	132.0	17.99	212.1	86.4	18.32	179.5	162.8	19.23	193.6	134.5	19.84	204.6	88.1	20.21
	85	193.1	175.1	17.49	203.6	158.9	18.04	211.5	119.5	18.38	186.3	178.5	19.29	196.4	162.0	19.90	204.0	121.8	20.27
	90	199.4	184.4	17.54	205.8	176.6	18.10	210.2	145.6	18.43	192.4	187.9	19.35	198.5	179.9	19.96	202.8	148.3	20.33
6300	75	187.6	149.2	17.54	207.4	113.0	18.09	222.9	49.9	18.42	180.9	152.1	19.33	200.0	115.2	19.94	215.1	50.8	20.31
	80	195.7	171.3	17.59	211.1	141.5	18.14	223.0	92.7	18.48	188.8	174.6	19.39	203.6	144.2	20.00	215.2	94.4	20.37
	85	203.1	187.8	17.64	214.1	170.4	18.20	222.4	128.2	18.54	195.9	191.4	19.44	206.6	173.7	20.06	214.6	130.6	20.43
	90	209.7	197.8	17.69	216.4	189.3	18.25	221.1	156.1	18.59	202.3	201.5	19.50	208.8	193.0	20.12	213.3	159.1	20.49
7000	75	191.6	159.3	17.69	211.8	120.6	18.24	227.7	53.2	18.58	184.8	162.3	19.55	204.3	122.9	20.17	219.7	54.3	20.54
	80	199.9	182.9	17.74	215.6	151.0	18.30	227.8	98.9	18.64	192.8	186.4	19.61	208.0	153.9	20.23	219.8	100.8	20.60
	85	207.4	200.4	17.79	218.7	181.9	18.35	227.2	136.8	18.69	200.1	200.1	19.67	211.0	185.4	20.29	219.2	139.4	20.67
	90	214.2	211.1	17.85	221.1	202.1	18.41	225.8	166.6	18.75	206.7	206.7	19.73	213.3	205.9	20.35	217.8	169.8	20.73
7700	75	195.8	161.8	17.84	216.5	122.5	18.40	232.8	54.1	18.74	188.9	164.8	19.63	208.9	124.8	20.25	224.6	55.1	20.62
	80	204.3	185.8	17.89	220.4	153.4	18.45	232.9	100.5	18.80	197.1	189.3	19.69	212.6	156.3	20.31	224.7	102.4	20.69
	85	212.0	203.6	17.94	223.6	184.7	18.51	232.2	139.0	18.85	204.5	204.5	19.75	215.7	188.3	20.37	224.0	141.6	20.75
	90	219.0	214.4	18.00	226.0	205.3	18.56	230.8	169.2	18.91	211.3	211.3	19.81	218.0	209.2	20.43	222.7	172.4	20.81
8400	75	197.4	166.0	17.99	218.2	125.7	18.55	234.6	55.5	18.90	190.4	169.2	19.78	210.5	128.1	20.40	226.3	56.6	20.78
	80	205.9	190.6	18.04	222.1	157.4	18.61	234.7	103.1	18.96	198.6	190.8	19.84	214.3	160.5	20.46	226.4	105.1	20.84
	85	213.7	208.9	18.09	225.3	189.6	18.67	234.0	142.6	19.01	206.1	206.1	19.90	217.4	193.2	20.53	225.8	145.3	20.91
	90	220.7	220.0	18.15	227.7	210.7	18.72	232.6	173.7	19.07	212.9	212.9	19.96	219.7	214.7	20.59	224.4	177.0	20.97

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
5600	75	162.8	135.5	20.63	180.0	102.6	21.28	193.5	45.3	21.67	152.1	130.6	21.83	168.2	98.9	22.51	180.8	43.6	22.93	139.5	123.4	22.83	154.3	93.5	23.55	165.9	41.3	23.99
	80	169.8	155.6	20.69	183.2	128.5	21.34	193.6	84.2	21.74	158.7	149.9	21.89	171.2	123.8	22.58	180.9	81.1	23.00	145.6	141.7	22.90	157.0	117.0	23.62	165.9	76.7	24.06
	85	176.2	170.5	20.75	185.8	154.7	21.41	193.0	116.4	21.80	164.7	164.3	21.96	173.7	149.1	22.65	180.4	112.2	23.07	151.1	151.1	22.97	159.3	141.0	23.69	165.5	106.0	24.13
	90	182.0	179.6	20.81	187.8	171.9	21.47	191.8	141.7	21.87	170.1	170.1	22.02	175.5	165.7	22.72	179.3	136.6	23.14	156.0	156.0	23.04	161.0	156.6	23.77	164.5	129.1	24.21
6300	75	171.2	145.3	20.78	189.3	110.0	21.43	203.5	48.6	21.83	160.0	140.0	21.98	176.9	106.0	22.67	190.2	46.8	23.09	146.8	132.3	22.98	162.3	100.2	23.71	174.4	44.2	24.15
	80	178.6	166.8	20.84	192.7	137.8	21.50	203.6	90.2	21.90	166.9	160.8	22.04	180.1	132.8	22.74	190.3	87.0	23.16	153.1	152.0	23.05	165.2	125.5	23.78	174.5	82.2	24.22
	85	185.4	182.8	20.90	195.5	165.9	21.56	203.0	124.8	21.96	173.2	173.2	22.11	182.7	159.9	22.81	189.7	120.3	23.23	158.9	158.9	23.12	167.6	151.1	23.85	174.0	113.7	24.29
	90	191.4	191.4	20.97	197.6	184.3	21.63	201.8	152.0	22.03	178.9	178.9	22.17	184.6	177.7	22.87	188.6	146.5	23.30	164.1	164.1	23.19	169.4	167.9	23.92	173.0	138.4	24.37
7000	75	174.9	155.1	20.93	193.3	117.4	21.59	207.8	51.8	21.99	163.4	149.4	22.13	180.7	113.2	22.82	194.2	50.0	23.25	149.9	141.3	23.13	165.7	107.0	23.86	178.2	47.2	24.31
	80	182.4	178.1	20.99	196.8	147.1	21.65	207.9	96.3	22.06	170.5	170.5	22.19	183.9	141.7	22.89	194.3	92.8	23.32	156.4	156.4	23.20	168.7	134.0	23.93	178.3	87.7	24.38
	85	189.3	189.3	21.05	199.6	177.1	21.72	207.4	133.2	22.12	176.9	176.9	22.26	186.6	170.7	22.96	193.8	128.4	23.39	162.3	162.3	23.27	171.2	161.3	24.01	177.8	121.3	24.45
	90	195.5	195.5	21.12	201.8	196.8	21.78	206.1	162.2	22.19	182.7	182.7	22.33	188.6	188.6	23.03	192.6	156.3	23.46	167.6	167.6	23.34	173.0	173.0	24.08	176.7	147.8	24.53
7700	75	178.7	157.5	21.08	197.6	119.3	21.74	212.5	52.6	22.15	167.0	151.8	22.28	184.7	114.9	22.98	198.6	50.7	23.41	153.2	143.5	23.28	169.4	108.6	24.02	182.1	48.0	24.46
	80	186.5	180.9	21.14	201.2	149.4	21.81	212.6	97.8	22.21	174.3	174.3	22.34	188.0	143.9	23.05	198.6	94.3	23.48	159.9	159.9	23.35	172.5	136.1	24.09	182.2	89.1	24.54
	85	193.5	193.5	21.21	204.1	179.9	21.87	212.0	135.3	22.28	180.9	180.9	22.41	190.7	173.4	23.12	198.1	130.4	23.55	165.9	165.9	23.42	175.0	163.9	24.16	181.7	123.2	24.61
	90	199.9	199.9	21.27	206.3	199.8	21.94	210.7	164.8	22.35	186.8	186.8	22.48	192.8	192.6	23.19	196.9	158.8	23.62	171.4	171.4	23.49	176.8	176.8	24.23	180.6	150.1	24.68
8400	75	180.1	161.6	21.23	199.2	122.4	21.90	214.1	54.0	22.31	168.3	155.8	22.43	186.1	118.0	23.13	200.1	52.1	23.56	154.4	147.2	23.43	170.7	111.5	24.17	183.6	49.2	24.62
	80	187.9	185.6	21.29	202.7	153.3	21.96	214.2	100.4	22.37	175.6	175.6	22.49	189.5	147.7	23.20	200.2	96.8	23.64	161.1	161.1	23.50	173.8	139.6	24.25	183.6	91.5	24.70
	85	195.0	195.0	21.36	205.7	184.6	22.03	213.6	138.9	22.44	182.3	182.3	22.56	192.2	177.9	23.27	199.6	133.8	23.71	167.2	167.2	23.57	176.3	168.2	24.32	183.1	126.5	24.77
	90	201.4	201.4	21.42	207.9	205.1	22.10	212.3	169.1	22.51	188.3	188.3	22.63	194.3	194.3	23.34	198.4	163.0	23.78	172.7	172.7	23.65	178.2	178.2	24.39	182.0	154.0	24.84

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C240B(D)C00/LK-C2409C01 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75.0	219.5	178.0	21.5	242.7	134.8	22.2	260.9	59.5	22.6	211.7	181.4	23.7	234.1	137.4	24.4	251.7	60.6	24.9
	80.0	229.0	204.4	21.5	247.0	168.8	22.2	261.0	110.6	22.6	220.9	208.3	23.8	238.3	172.1	24.5	251.8	112.7	25.0
	85.0	237.6	224.1	21.6	250.6	203.3	22.3	260.3	152.9	22.7	229.2	228.3	23.8	241.7	207.2	24.6	251.1	155.9	25.1
	90.0	245.4	235.9	21.7	253.3	225.9	22.4	258.7	186.2	22.8	236.8	236.8	23.9	244.3	230.2	24.7	249.5	189.8	25.1
7200	75.0	229.7	189.9	21.7	253.9	143.8	22.4	273.0	63.5	22.8	221.6	193.6	23.9	245.0	146.6	24.6	263.4	64.7	25.1
	80.0	239.6	218.1	21.7	258.5	180.1	22.4	273.1	118.0	22.8	231.2	222.3	24.0	249.4	183.6	24.7	263.5	120.2	25.2
	85.0	248.7	239.1	21.8	262.2	216.9	22.5	272.4	163.2	22.9	239.9	239.9	24.0	253.0	221.1	24.8	262.8	166.3	25.2
	90.0	256.8	251.7	21.9	265.1	241.0	22.6	270.7	198.7	23.0	247.8	247.8	24.1	255.7	245.6	24.9	261.2	202.5	25.3
8000	75.0	235.8	204.0	21.9	260.7	154.5	22.5	280.3	68.2	23.0	227.5	207.9	24.2	251.5	157.4	24.9	270.4	69.5	25.4
	80.0	246.0	234.2	21.9	265.4	193.4	22.6	280.4	126.7	23.0	237.3	237.3	24.2	256.0	197.1	25.0	270.5	129.1	25.5
	85.0	255.3	255.3	22.0	269.2	233.0	22.7	279.6	175.2	23.1	246.3	246.3	24.3	259.7	237.4	25.1	269.7	178.6	25.5
	90.0	263.7	263.7	22.1	272.1	258.8	22.8	277.9	213.4	23.2	254.4	254.4	24.4	262.5	262.5	25.2	268.1	217.4	25.6
8800	75.0	239.8	213.5	22.0	265.1	161.7	22.7	285.0	71.4	23.2	231.4	217.6	24.3	255.8	164.8	25.0	275.0	72.7	25.5
	80.0	250.2	245.2	22.1	269.9	202.5	22.8	285.2	132.6	23.2	241.4	241.4	24.3	260.4	206.4	25.1	275.1	135.2	25.6
	85.0	259.7	259.7	22.2	273.8	243.9	22.9	284.4	183.4	23.3	250.5	250.5	24.4	264.1	248.5	25.2	274.3	186.9	25.6
	90.0	268.2	268.2	22.2	276.7	271.0	22.9	282.6	223.4	23.4	258.7	258.7	24.5	267.0	267.0	25.2	272.7	227.7	25.7
9600	75.0	242.9	220.3	22.2	268.5	166.8	22.9	288.7	73.6	23.4	234.3	224.5	24.4	259.1	170.0	25.2	278.5	75.0	25.7
	80.0	253.4	252.9	22.3	273.4	208.9	23.0	288.8	136.8	23.4	244.5	244.5	24.5	263.7	212.9	25.3	278.6	139.4	25.8
	85.0	263.0	263.0	22.4	277.3	251.6	23.1	288.0	189.2	23.5	253.7	253.7	24.6	267.5	256.4	25.4	277.9	192.8	25.8
	90.0	271.6	271.6	22.4	280.3	279.5	23.1	286.3	230.4	23.6	262.0	262.0	24.7	270.4	270.4	25.4	276.2	234.8	25.9

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75.0	204.3	176.8	25.5	225.9	133.9	26.3	242.9	59.1	26.8	192.8	172.1	27.0	213.2	130.3	27.8	229.2	57.5	28.3	178.6	164.2	28.2	197.5	124.4	29.1	212.3	54.9	29.6
	80.0	213.2	203.0	25.6	230.0	167.7	26.4	243.0	109.8	26.9	201.2	197.6	27.1	217.0	163.2	27.9	229.3	106.9	28.4	186.3	186.3	28.3	201.0	155.7	29.2	212.4	102.0	29.7
	85.0	221.2	221.2	25.6	233.3	201.9	26.5	242.3	151.9	26.9	208.8	208.8	27.1	220.2	196.5	28.0	228.7	147.8	28.5	193.4	193.4	28.4	203.9	187.6	29.3	211.8	141.1	29.8
	90.0	228.5	228.5	25.7	235.8	224.3	26.5	240.8	185.0	27.0	215.6	215.6	27.2	222.5	218.3	28.1	227.3	180.0	28.6	199.7	199.7	28.5	206.1	206.1	29.4	210.5	171.8	29.9
7200	75.0	213.8	188.6	25.7	236.4	142.9	26.5	254.2	63.1	27.0	201.8	183.6	27.2	223.1	139.0	28.0	239.9	61.4	28.5	186.9	175.2	28.4	206.7	132.7	29.3	222.2	58.6	29.8
	80.0	223.1	216.6	25.8	240.7	178.9	26.6	254.3	117.2	27.1	210.5	210.5	27.2	227.1	174.1	28.1	240.0	114.0	28.6	195.0	195.0	28.5	210.4	166.2	29.4	222.3	108.8	29.9
	85.0	231.5	231.5	25.8	244.2	215.5	26.6	253.6	162.1	27.1	218.5	218.5	27.3	230.4	209.7	28.2	239.3	157.7	28.7	202.4	202.4	28.6	213.4	200.1	29.5	221.7	150.5	30.0
	90.0	239.1	239.1	25.9	246.8	239.4	26.7	252.0	197.3	27.2	225.7	225.7	27.4	232.9	232.9	28.3	237.8	192.1	28.8	209.0	209.0	28.7	215.7	215.7	29.6	220.3	183.3	30.1
8000	75.0	219.5	202.6	25.9	242.7	153.4	26.7	260.9	67.7	27.2	207.2	197.1	27.3	229.0	149.3	28.2	246.2	65.9	28.7	191.9	188.1	28.6	212.1	142.5	29.5	228.1	62.9	30.0
	80.0	229.0	229.0	25.9	247.1	192.1	26.8	261.0	125.8	27.3	216.1	216.1	27.4	233.1	187.0	28.3	246.3	122.4	28.8	200.2	200.2	28.7	216.0	178.4	29.6	228.2	116.9	30.1
	85.0	237.7	237.7	26.0	250.6	231.4	26.8	260.3	174.0	27.3	224.3	224.3	27.5	236.5	225.2	28.4	245.7	169.3	28.9	207.8	207.8	28.8	219.1	214.9	29.7	227.5	161.6	30.2
	90.0	245.5	245.5	26.1	253.3	253.3	26.9	258.7	211.9	27.4	231.7	231.7	27.6	239.1	239.1	28.5	244.2	206.2	29.0	214.6	214.6	28.8	221.4	221.4	29.8	226.2	196.8	30.3
8800	75.0	223.3	212.1	26.1	246.8	160.6	26.9	265.4	70.9	27.4	210.7	206.4	27.5	233.0	156.3	28.4	250.4	69.0	28.9	195.2	195.2	28.8	215.8	149.2	29.7	232.0	65.8	30.2
	80.0	232.9	232.9	26.1	251.3	201.1	27.0	265.5	131.7	27.5	219.8	219.8	27.6	237.1	195.7	28.5	250.6	128.2	29.0	203.6	203.6	28.9	219.6	186.8	29.8	232.1	122.3	30.3
	85.0	241.7	241.7	26.2	254.9	242.2	27.0	264.8	182.2	27.5	228.1	228.1	27.7	240.6	235.7	28.6	249.9	177.3	29.1	211.3	211.3	28.9	222.8	222.8	29.9	231.4	169.2	30.4
	90.0	249.7	249.7	26.3	257.6	257.6	27.1	263.1	221.9	27.6	235.6	235.6	27.8	243.1	243.1	28.7	248.3	215.9	29.2	218.2	218.2	29.0	225.2	225.2	30.0	230.0	206.1	30.5
9600	75.0	226.1	218.8	26.2	250.0	165.7	27.1	268.8	73.1	27.6	213.4	212.9	27.7	235.9	161.2	28.6	253.7	71.2	29.1	197.7	197.7	29.0	218.5	153.9	29.9	235.0	67.9	30.4
	80.0	235.9	235.9	26.3	254.5	207.5	27.1	268.9	135.9	27.6	222.7	222.7	27.8	240.2	201.9	28.7	253.8	132.2	29.2	206.2	206.2	29.0	222.5	192.7	30.0	235.1	126.2	30.5
	85.0	244.8	244.8	26.4	258.2	249.9	27.2	268.2	187.9	27.7	231.1	231.1	27.9	243.7	243.2	28.8	253.1	182.9	29.3	214.0	214.0	29.1	225.7	225.7	30.1	234.4	174.5	30.6
	90.0	252.9	252.9	26.5	261.0	261.0	27.3	266.5	228.8	27.8	238.6	238.6	28.0	246.3	246.3	28.8	251.5	222.7	29.4	221.0	221.0	29.2	228.1	228.1	30.1	233.0	212.5	30.7

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C2409C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75.0	219.5	178.0	20.6	242.7	134.8	21.3	260.9	59.5	21.7	211.7	181.4	22.8	234.1	137.4	23.5	251.7	60.6	23.9
	80.0	229.0	204.4	20.7	247.0	168.8	21.3	261.0	110.6	21.7	220.9	208.3	22.8	238.3	172.1	23.5	251.8	112.7	24.0
	85.0	237.6	224.1	20.8	250.6	203.3	21.4	260.3	152.9	21.8	229.2	228.3	22.9	241.7	207.2	23.6	251.1	155.9	24.0
	90.0	245.4	235.9	20.8	253.3	225.9	21.5	258.7	186.2	21.9	236.8	236.8	23.0	244.3	230.2	23.7	249.5	189.8	24.1
7200	75.0	229.7	189.9	20.8	253.9	143.8	21.5	273.0	63.5	21.9	221.6	193.6	22.9	245.0	146.6	23.7	263.4	64.7	24.1
	80.0	239.6	218.1	20.9	258.5	180.1	21.5	273.1	118.0	21.9	231.2	222.3	23.0	249.4	183.6	23.7	263.5	120.2	24.2
	85.0	248.7	239.1	20.9	262.2	216.9	21.6	272.4	163.2	22.0	239.9	239.9	23.1	253.0	221.1	23.8	262.8	166.3	24.2
	90.0	256.8	251.7	21.0	265.1	241.0	21.7	270.7	198.7	22.1	247.8	247.8	23.1	255.7	245.6	23.9	261.2	202.5	24.3
8000	75.0	235.8	204.0	21.0	260.7	154.5	21.6	280.3	68.2	22.0	227.5	207.9	23.2	251.5	157.4	23.9	270.4	69.5	24.4
	80.0	246.0	234.2	21.0	265.4	193.4	21.7	280.4	126.7	22.1	237.3	237.3	23.3	256.0	197.1	24.0	270.5	129.1	24.4
	85.0	255.3	255.3	21.1	269.2	233.0	21.8	279.6	175.2	22.2	246.3	246.3	23.3	259.7	237.4	24.1	269.7	178.6	24.5
	90.0	263.7	263.7	21.2	272.1	258.8	21.8	277.9	213.4	22.2	254.4	254.4	23.4	262.5	262.5	24.1	268.1	217.4	24.6
8800	75.0	239.8	213.5	21.2	265.1	161.7	21.8	285.0	71.4	22.2	231.4	217.6	23.3	255.8	164.8	24.0	275.0	72.7	24.5
	80.0	250.2	245.2	21.2	269.9	202.5	21.9	285.2	132.6	22.3	241.4	241.4	23.4	260.4	206.4	24.1	275.1	135.2	24.5
	85.0	259.7	259.7	21.3	273.8	243.9	22.0	284.4	183.4	22.4	250.5	250.5	23.4	264.1	248.5	24.2	274.3	186.9	24.6
	90.0	268.2	268.2	21.4	276.7	271.0	22.0	282.6	223.4	22.4	258.7	258.7	23.5	267.0	267.0	24.2	272.7	227.7	24.7
9600	75.0	242.9	220.3	21.3	268.5	166.8	22.0	288.7	73.6	22.4	234.3	224.5	23.5	259.1	170.0	24.2	278.5	75.0	24.7
	80.0	253.4	252.9	21.4	273.4	208.9	22.1	288.8	136.8	22.5	244.5	244.5	23.5	263.7	212.9	24.3	278.6	139.4	24.7
	85.0	263.0	263.0	21.5	277.3	251.6	22.1	288.0	189.2	22.6	253.7	253.7	23.6	267.5	256.4	24.4	277.9	192.8	24.8
	90.0	271.6	271.6	21.5	280.3	279.5	22.2	286.3	230.4	22.6	262.0	262.0	23.7	270.4	270.4	24.4	276.2	234.8	24.9

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
6400	75.0	204.3	176.8	24.5	225.9	133.9	25.2	242.9	59.1	25.7	192.8	172.1	25.9	213.2	130.3	26.7	229.2	57.5	27.2	178.6	164.2	27.1	197.5	124.4	27.9	212.3	54.9	28.5
	80.0	213.2	203.0	24.5	230.0	167.7	25.3	243.0	109.8	25.8	201.2	197.6	26.0	217.0	163.2	26.8	229.3	106.9	27.3	186.3	186.3	27.2	201.0	155.7	28.0	212.4	102.0	28.5
	85.0	221.2	221.2	24.6	233.3	201.9	25.4	242.3	151.9	25.9	208.8	208.8	26.1	220.2	196.5	26.9	228.7	147.8	27.4	193.4	193.4	27.3	203.9	187.6	28.1	211.8	141.1	28.6
	90.0	228.5	228.5	24.7	235.8	224.3	25.5	240.8	185.0	25.9	215.6	215.6	26.1	222.5	218.3	27.0	227.3	180.0	27.5	199.7	199.7	27.3	206.1	206.1	28.2	210.5	171.8	28.7
7200	75.0	213.8	188.6	24.7	236.4	142.9	25.4	254.2	63.1	25.9	201.8	183.6	26.1	223.1	139.0	26.9	239.9	61.4	27.4	186.9	175.2	27.3	206.7	132.7	28.1	222.2	58.6	28.6
	80.0	223.1	216.6	24.7	240.7	178.9	25.5	254.3	117.2	26.0	210.5	210.5	26.2	227.1	174.1	27.0	240.0	114.0	27.5	195.0	195.0	27.3	210.4	166.2	28.2	222.3	108.8	28.7
	85.0	231.5	231.5	24.8	244.2	215.5	25.6	253.6	162.1	26.1	218.5	218.5	26.2	230.4	209.7	27.1	239.3	157.7	27.6	202.4	202.4	27.4	213.4	200.1	28.3	221.7	150.5	28.8
	90.0	239.1	239.1	24.9	246.8	239.4	25.7	252.0	197.3	26.1	225.7	225.7	26.3	232.9	232.9	27.1	237.8	192.1	27.6	209.0	209.0	27.5	215.7	215.7	28.4	220.3	183.3	28.9
8000	75.0	219.5	202.6	24.8	242.7	153.4	25.6	260.9	67.7	26.1	207.2	197.1	26.3	229.0	149.3	27.1	246.2	65.9	27.6	191.9	188.1	27.4	212.1	142.5	28.3	228.1	62.9	28.8
	80.0	229.0	229.0	24.9	247.1	192.1	25.7	261.0	125.8	26.2	216.1	216.1	26.3	233.1	187.0	27.2	246.3	122.4	27.7	200.2	200.2	27.5	216.0	178.4	28.4	228.2	116.9	28.9
	85.0	237.7	237.7	25.0	250.6	231.4	25.8	260.3	174.0	26.2	224.3	224.3	26.4	236.5	225.2	27.2	245.7	169.3	27.7	207.8	207.8	27.6	219.1	214.9	28.5	227.5	161.6	29.0
	90.0	245.5	245.5	25.1	253.3	253.3	25.8	258.7	211.9	26.3	231.7	231.7	26.5	239.1	239.1	27.3	244.2	206.2	27.8	214.6	214.6	27.7	221.4	221.4	28.6	226.2	196.8	29.1
8800	75.0	223.3	212.1	25.0	246.8	160.6	25.8	265.4	70.9	26.3	210.7	206.4	26.4	233.0	156.3	27.3	250.4	69.0	27.8	195.2	195.2	27.6	215.8	149.2	28.5	232.0	65.8	29.0
	80.0	232.9	232.9	25.1	251.3	201.1	25.9	265.5	131.7	26.4	219.8	219.8	26.5	237.1	195.7	27.3	250.6	128.2	27.9	203.6	203.6	27.7	219.6	186.8	28.6	232.1	122.3	29.1
	85.0	241.7	241.7	25.2	254.9	242.2	26.0	264.8	182.2	26.4	228.1	228.1	26.6	240.6	235.7	27.4	249.9	177.3	27.9	211.3	211.3	27.8	222.8	222.8	28.7	231.4	169.2	29.2
	90.0	249.7	249.7	25.2	257.6	257.6	26.0	263.1	221.9	26.5	235.6	235.6	26.7	243.1	243.1	27.5	248.3	215.9	28.0	218.2	218.2	27.9	225.2	225.2	28.8	230.0	206.1	29.3
9600	75.0	226.1	218.8	25.2	250.0	165.7	26.0	268.8	73.1	26.5	213.4	212.9	26.6	235.9	161.2	27.4	253.7	71.2	28.0	197.7	197.7	27.8	218.5	153.9	28.7	235.0	67.9	29.2
	80.0	235.9	235.9	25.3	254.5	207.5	26.1	268.9	135.9	26.5	222.7	222.7	26.7	240.2	201.9	27.5	253.8	132.2	28.0	206.2	206.2	27.9	222.5	192.7	28.8	235.1	126.2	29.3
	85.0	244.8	244.8	25.3	258.2	249.9	26.1	268.2	187.9	26.6	231.1	231.1	26.8	243.7	243.2	27.6	253.1	182.9	28.1	214.0	214.0	28.0	225.7	225.7	28.9	234.4	174.5	29.4
	90.0	252.9	252.9	25.4	261.0	261.0	26.2	266.5	228.8	26.7	238.6	238.6	26.8	246.3	246.3	27.7	251.5	222.7	28.2	221.0	221.0	28.1	228.1	228.1	28.9	233.0	212.5	29.5

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C300B(D/9)C00 (English)

Outdoor	DB(°F)	85									95								
Indoor	WB(°F)	61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	256.7	200.3	20.99	283.8	151.7	21.65	305.1	67.0	22.06	244.0	201.1	23.15	269.8	152.3	23.89	290.0	67.2	24.33
	80	267.8	230.0	21.05	288.9	190.0	21.72	305.3	124.4	22.12	254.6	231.0	23.22	274.6	190.7	23.96	290.1	124.9	24.40
	85	277.9	252.1	21.12	293.1	228.8	21.78	304.4	172.1	22.19	264.2	253.1	23.29	278.6	229.7	24.03	289.3	172.8	24.47
	90	287.1	265.5	21.18	296.2	254.2	21.85	302.6	209.5	22.25	272.8	266.5	23.36	281.6	255.2	24.10	287.6	210.4	24.55
9000	75	270.0	214.8	21.17	298.5	162.7	21.84	320.9	71.8	22.25	256.6	215.7	23.34	283.7	163.3	24.07	305.0	72.1	24.52
	80	281.7	246.7	21.24	303.9	203.7	21.91	321.1	133.4	22.31	267.7	247.7	23.41	288.8	204.5	24.15	305.2	134.0	24.59
	85	292.3	270.3	21.30	308.3	245.3	21.97	320.2	184.5	22.38	277.8	271.4	23.48	293.0	246.3	24.22	304.3	185.3	24.67
	90	301.9	284.7	21.36	311.6	272.6	22.04	318.2	224.7	22.45	287.0	285.8	23.55	296.1	273.7	24.29	302.5	225.6	24.74
10000	75	275.8	241.7	21.35	304.9	183.0	22.03	327.8	80.8	22.44	262.1	242.6	23.61	289.8	183.7	24.35	311.6	81.1	24.80
	80	287.7	277.5	21.42	310.4	229.2	22.09	327.9	150.1	22.50	273.5	273.5	23.68	295.0	230.1	24.43	311.7	150.7	24.88
	85	298.6	298.6	21.48	314.9	276.0	22.16	327.0	207.6	22.57	283.8	283.8	23.75	299.3	277.1	24.50	310.8	208.4	24.95
	90	308.4	308.4	21.55	318.2	306.6	22.23	325.0	252.8	22.64	293.1	293.1	23.82	302.5	302.5	24.57	308.9	253.8	25.03
11000	75	281.9	232.9	21.54	311.7	176.3	22.22	335.1	77.8	22.63	267.9	233.8	23.70	296.2	177.1	24.45	318.5	78.1	24.90
	80	294.1	267.4	21.60	317.3	220.8	22.28	335.2	144.6	22.70	279.5	268.5	23.77	301.6	221.7	24.52	318.6	145.2	24.98
	85	305.2	293.1	21.67	321.9	265.9	22.35	334.3	200.0	22.76	290.1	290.1	23.84	305.9	267.0	24.59	317.7	200.8	25.05
	90	315.2	308.6	21.73	325.3	295.5	22.42	332.3	243.6	22.83	299.6	299.6	23.91	309.2	296.7	24.67	315.8	244.6	25.13
12000	75	284.1	239.0	21.72	314.1	181.0	22.40	337.7	79.9	22.82	270.0	240.0	23.88	298.5	181.7	24.63	321.0	80.2	25.09
	80	296.4	274.4	21.78	319.7	226.6	22.47	337.8	148.4	22.89	281.7	270.6	23.95	303.9	227.6	24.71	321.1	149.0	25.17
	85	307.6	300.8	21.85	324.4	273.0	22.54	336.9	205.3	22.96	292.4	292.4	24.02	308.3	274.1	24.78	320.2	206.1	25.24
	90	317.7	316.7	21.91	327.8	303.3	22.60	334.8	250.0	23.02	302.0	302.0	24.10	311.6	304.5	24.86	318.2	251.0	25.32

Outdoor	DB(°F)	105									115									125								
Indoor	WB(°F)	61			67			73			61			67			73			61			67			73		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
8000	75	229.7	191.2	24.91	254.0	144.8	25.69	273.0	63.9	26.17	213.6	183.3	26.35	236.1	138.8	27.18	253.9	61.3	27.69	188.0	166.3	27.57	207.9	125.9	28.44	223.5	55.6	28.97
	80	239.6	219.6	24.98	258.5	181.3	25.77	273.1	118.8	26.25	222.8	210.5	26.43	240.4	173.9	27.27	254.0	113.9	27.77	196.2	191.0	27.65	211.6	157.7	28.52	223.6	103.3	29.05
	85	248.7	240.6	25.06	262.2	218.4	25.85	272.4	164.2	26.33	231.2	230.7	26.51	243.8	209.4	27.35	253.3	157.5	27.86	203.6	203.6	27.73	214.7	189.9	28.61	222.9	142.8	29.14
	90	256.9	253.4	25.13	265.1	242.6	25.92	270.7	200.0	26.41	238.8	238.8	26.59	246.5	232.6	27.43	251.7	191.8	27.94	210.2	210.2	27.82	217.0	211.0	28.70	221.6	174.0	29.23
9000	75	241.6	205.0	25.09	267.1	155.3	25.88	287.2	68.5	26.36	224.6	196.6	26.53	248.4	148.9	27.37	267.0	65.7	27.88	197.7	178.3	27.75	218.6	135.0	28.63	235.0	59.6	29.16
	80	252.1	235.4	25.16	271.9	194.4	25.96	287.3	127.3	26.44	234.4	225.8	26.61	252.8	186.4	27.45	267.1	122.1	27.96	206.3	204.8	27.83	222.6	169.1	28.71	235.2	110.7	29.24
	85	261.6	258.0	25.24	275.8	234.2	26.04	286.5	176.1	26.52	243.2	243.2	26.69	256.5	224.5	27.54	266.4	168.9	28.05	214.1	214.1	27.92	225.8	203.6	28.80	234.5	153.2	29.33
	90	270.2	270.2	25.31	278.8	260.1	26.11	284.7	214.5	26.60	251.2	251.2	26.77	259.2	249.5	27.62	264.8	205.7	28.13	221.1	221.1	28.00	228.2	226.3	28.88	233.1	186.5	29.42
10000	75	246.8	230.7	25.27	272.8	174.7	26.07	293.3	77.1	26.55	229.5	221.2	26.72	253.7	167.5	27.56	272.7	73.9	28.07	202.0	200.6	27.93	223.3	151.9	28.81	240.1	67.1	29.35
	80	257.4	257.4	25.35	277.7	218.7	26.15	293.4	143.3	26.63	239.4	239.4	26.80	258.2	209.8	27.64	272.9	137.4	28.15	210.7	210.7	28.02	227.3	190.2	28.90	240.2	124.6	29.44
	85	267.2	267.2	25.42	281.7	263.4	26.22	292.6	198.1	26.71	248.4	248.4	26.88	262.0	252.6	27.72	272.1	190.0	28.24	218.7	218.7	28.10	230.6	229.1	28.99	239.5	172.3	29.52
	90	275.9	275.9	25.50	284.8	284.8	26.30	290.8	241.3	26.79	256.6	256.6	26.96	264.8	264.8	27.81	270.4	231.4	28.32	225.9	225.9	28.18	233.1	233.1	29.07	238.1	209.9	29.61
11000	75	252.2	222.3	25.45	278.9	168.3	26.25	299.8	74.3	26.74	234.5	213.1	26.90	259.3	161.4	27.75	278.8	71.2	28.26	206.5	193.3	28.11	228.3	146.4	29.00	245.4	64.6	29.54
	80	263.2	255.2	25.53	283.9	210.8	26.33	300.0	138.0	26.82	244.7	244.7	26.98	264.0	202.1	27.83	278.9	132.4	28.35	215.4	215.4	28.20	232.4	183.3	29.09	245.5	120.1	29.63
	85	273.1	273.1	25.60	288.0	253.8	26.41	299.1	190.9	26.90	253.9	253.9	27.06	267.8	243.4	27.91	278.1	183.1	28.43	223.5	223.5	28.28	235.7	220.8	29.17	244.8	166.1	29.72
	90	282.1	282.1	25.68	291.1	282.0	26.49	297.3	232.5	26.98	262.3	262.3	27.14	270.7	270.4	28.00	276.4	223.0	28.52	230.9	230.9	28.37	238.3	238.3	29.26	243.3	202.2	29.80
12000	75	254.2	228.1	25.63	281.0	172.7	26.44	302.2	76.2	26.93	236.4	218.7	27.08	261.3	165.7	27.93	281.0	73.1	28.45	208.1	198.4	28.29	230.0	150.2	29.19	247.3	66.3	29.73
	80	265.2	262.0	25.71	286.1	216.3	26.52	302.3	141.7	27.01	246.6	246.6	27.16	266.0	207.4	28.02	281.1	135.9	28.54	217.1	217.1	28.38	234.2	188.1	29.28	247.4	123.2	29.82
	85	275.2	275.2	25.79	290.2	260.5	26.60	301.4	196.0	27.09	255.9	255.9	27.24	269.9	249.8	28.10	280.3	187.9	28.62	225.3	225.3	28.46	237.6	226.6	29.36	246.7	170.4	29.91
	90	284.3	284.3	25.86	293.3	289.5	26.68	299.6	238.6	27.17	264.3	264.3	27.32	272.8	272.8	28.19	278.6	228.8	28.71	232.7	232.7	28.55	240.1	240.1	29.45	245.2	207.5	30.00

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Gross Cooling Capacity (MBH) LK-C360B(9)H00 (English)

Outdoor	**DB(°F)**	**85**									**95**								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
9600	75.0	312.9	253.8	29.6	346.0	192.2	30.6	372.0	84.8	31.2	301.9	258.7	32.7	333.8	195.9	33.7	358.8	86.5	34.4
	80.0	326.5	291.5	29.7	352.2	240.7	30.7	372.1	157.7	31.2	315.0	297.0	32.8	339.8	245.3	33.8	359.0	160.7	34.5
	85.0	338.8	319.5	29.8	357.3	289.9	30.8	371.1	218.0	31.3	326.9	325.6	32.9	344.7	295.4	33.9	358.0	222.2	34.6
	90.0	349.9	336.4	29.9	361.1	322.1	30.9	368.8	265.5	31.4	337.6	337.6	33.0	348.4	328.2	34.0	355.8	270.6	34.7
10800	75.0	327.5	270.8	29.9	362.1	205.1	30.8	389.3	90.5	31.4	315.9	276.0	33.0	349.3	209.0	34.0	375.5	92.3	34.6
	80.0	341.7	311.0	30.0	368.6	256.8	30.9	389.4	168.2	31.5	329.6	316.9	33.1	355.6	261.7	34.1	375.7	171.4	34.7
	85.0	354.6	340.8	30.1	373.9	309.3	31.0	388.3	232.6	31.6	342.1	342.1	33.2	360.7	315.2	34.2	374.6	237.1	34.8
	90.0	366.2	358.9	30.2	377.9	343.6	31.1	386.0	283.3	31.7	353.3	353.3	33.3	364.6	350.2	34.3	372.4	288.7	34.9
12000	75.0	336.2	290.8	30.2	371.7	220.2	31.1	399.6	97.2	31.7	324.3	296.4	33.3	358.6	224.4	34.4	385.5	99.1	35.0
	80.0	350.7	333.9	30.3	378.4	275.8	31.2	399.8	180.6	31.8	338.4	338.4	33.4	365.0	281.1	34.5	385.7	184.1	35.1
	85.0	364.0	364.0	30.3	383.8	332.1	31.3	398.6	249.8	31.9	351.1	351.1	33.5	370.3	338.5	34.6	384.6	254.6	35.2
	90.0	375.9	375.9	30.4	387.9	369.0	31.4	396.2	304.2	32.0	362.7	362.7	33.6	374.2	374.2	34.7	382.2	310.0	35.4
13200	75.0	341.9	304.5	30.4	378.0	230.6	31.4	406.4	101.8	32.0	329.9	310.3	33.5	364.7	235.0	34.5	392.1	103.7	35.2
	80.0	356.7	349.6	30.5	384.8	288.7	31.5	406.6	189.1	32.1	344.1	344.1	33.6	371.2	294.2	34.6	392.3	192.7	35.3
	85.0	370.2	370.2	30.6	390.4	347.7	31.6	405.5	261.5	32.2	357.1	357.1	33.7	376.6	354.4	34.7	391.2	266.5	35.4
	90.0	382.4	382.4	30.7	394.6	386.3	31.7	403.0	318.5	32.2	368.9	368.9	33.8	380.6	380.6	34.8	388.8	324.6	35.5
14400	75.0	346.3	314.1	30.7	382.9	237.8	31.6	411.6	105.0	32.2	334.1	320.1	33.7	369.4	242.4	34.8	397.1	107.0	35.4
	80.0	361.3	360.6	30.8	389.8	297.8	31.7	411.8	195.1	32.3	348.6	348.6	33.8	376.0	303.5	34.9	397.3	198.8	35.5
	85.0	375.0	375.0	30.9	395.4	358.7	31.8	410.7	269.8	32.4	361.7	361.7	33.9	381.4	365.5	35.0	396.2	274.9	35.7
	90.0	387.3	387.3	31.0	399.6	398.5	31.9	408.2	328.5	32.5	373.6	373.6	34.0	385.5	385.5	35.1	393.8	334.8	35.8

Outdoor	**DB(°F)**	**105**									**115**									**125**								
Indoor	**WB(°F)**	**61**			**67**			**73**			**61**			**67**			**73**			**61**			**67**			**73**		
CFM	DB(°F)	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI	TGC	SHC	PI
9600	75.0	291.3	252.1	35.2	322.1	190.9	36.3	346.3	84.3	37.0	274.9	245.3	37.2	304.0	185.8	38.4	326.8	82.0	39.1	254.7	234.1	38.9	281.6	177.3	40.2	302.7	78.3	40.9
	80.0	304.0	289.5	35.3	327.9	239.1	36.4	346.5	156.6	37.1	286.8	281.7	37.3	309.4	232.7	38.5	326.9	152.4	39.2	265.7	265.7	39.1	286.6	222.0	40.3	302.8	145.4	41.0
	85.0	315.4	315.4	35.4	332.6	287.9	36.5	345.5	216.6	37.2	297.7	297.7	37.4	313.9	280.2	38.6	326.0	210.8	39.3	275.7	275.7	39.2	290.8	267.4	40.4	302.0	201.1	41.2
	90.0	325.8	325.8	35.5	336.2	319.9	36.6	343.4	263.7	37.3	307.4	307.4	37.6	317.3	311.3	38.7	324.0	256.6	39.5	284.8	284.8	39.3	293.9	293.9	40.5	300.1	244.9	41.3
10800	75.0	304.9	269.0	35.4	337.1	203.7	36.6	362.4	89.9	37.2	287.7	261.8	37.5	318.1	198.2	38.7	342.0	87.5	39.4	266.5	249.8	39.2	294.7	189.2	40.4	316.8	83.5	41.2
	80.0	318.1	308.9	35.5	343.1	255.1	36.7	362.6	167.1	37.3	300.2	300.2	37.6	323.8	248.2	38.8	342.2	162.6	39.5	278.1	278.1	39.3	299.9	236.9	40.6	316.9	155.2	41.3
	85.0	330.1	330.1	35.6	348.1	307.2	36.8	361.6	231.0	37.5	311.5	311.5	37.7	328.5	299.0	38.9	341.2	224.9	39.6	288.6	288.6	39.4	304.3	285.3	40.7	316.0	214.6	41.4
	90.0	340.9	340.9	35.8	351.8	341.3	36.9	359.3	281.4	37.6	321.8	321.8	37.8	332.0	332.0	39.0	339.1	273.8	39.7	298.0	298.0	39.6	307.5	307.5	40.8	314.1	261.3	41.6
12000	75.0	313.0	288.8	35.7	346.0	218.7	36.8	372.0	96.5	37.5	295.4	281.1	37.7	326.6	212.9	38.9	351.1	94.0	39.6	273.6	268.2	39.5	302.5	203.1	40.7	325.2	89.7	41.5
	80.0	326.5	326.5	35.8	352.3	273.9	36.9	372.2	179.4	37.6	308.2	308.2	37.8	332.4	266.6	39.0	351.2	174.6	39.8	285.4	285.4	39.6	307.9	254.4	40.8	325.3	166.6	41.6
	85.0	338.9	338.9	35.9	357.3	329.9	37.0	371.1	248.1	37.7	319.8	319.8	38.0	337.2	321.0	39.2	350.2	241.5	39.9	296.2	296.2	39.7	312.4	306.4	40.9	324.4	230.4	41.7
	90.0	350.0	350.0	36.0	361.2	361.2	37.2	368.9	302.1	37.8	330.3	330.3	38.1	340.8	340.8	39.3	348.1	294.0	40.0	305.9	305.9	39.8	315.7	315.7	41.1	322.4	280.6	41.8
13200	75.0	318.3	302.4	35.9	352.0	229.0	37.1	378.4	101.1	37.8	300.4	294.3	38.0	332.1	222.8	39.2	357.1	98.4	39.9	278.3	278.3	39.7	307.6	212.7	41.0	330.7	93.9	41.7
	80.0	332.1	332.1	36.1	358.3	286.8	37.2	378.6	187.8	37.9	313.4	313.4	38.1	338.1	279.1	39.3	357.2	182.8	40.0	290.3	290.3	39.8	313.2	266.3	41.1	330.9	174.4	41.8
	85.0	344.7	344.7	36.2	363.5	345.3	37.3	377.5	259.7	38.0	325.3	325.3	38.2	343.0	336.1	39.4	356.2	252.8	40.2	301.3	301.3	39.9	317.7	317.7	41.2	330.0	241.2	42.0
	90.0	356.0	356.0	36.3	367.3	367.3	37.4	375.2	316.3	38.1	335.9	335.9	38.3	346.7	346.7	39.5	354.1	307.8	40.3	311.2	311.2	40.1	321.1	321.1	41.3	328.0	293.8	42.1
14400	75.0	322.4	311.9	36.2	356.5	236.2	37.3	383.2	104.3	38.0	304.3	303.5	38.2	336.4	229.9	39.5	361.7	101.5	40.2	281.8	281.8	40.0	311.6	219.4	41.2	335.0	96.8	42.0
	80.0	336.4	336.4	36.3	362.9	295.8	37.5	383.4	193.7	38.2	317.5	317.5	38.4	342.4	287.9	39.6	361.8	188.5	40.3	294.0	294.0	40.1	317.2	274.7	41.4	335.1	179.9	42.1
	85.0	349.1	349.1	36.4	368.1	356.2	37.6	382.3	267.9	38.3	329.4	329.4	38.5	347.4	346.7	39.7	360.8	260.8	40.4	305.1	305.1	40.2	321.8	321.8	41.5	334.2	248.9	42.2
	90.0	360.6	360.6	36.5	372.1	372.1	37.7	380.0	326.3	38.4	340.3	340.3	38.6	351.1	351.1	39.8	358.6	317.5	40.6	315.2	315.2	40.3	325.2	325.2	41.6	332.2	303.0	42.4

Notes:
1. All capacities are gross, evaporator fan motor heat is not deducted. To obtain net cooling capacity, subtract evaporator fan motor heat.
2. DB = Dry Bulb Temperature (°F), WB = Wet Bulb Temperature (°F)
3. CFM = Cubic Feet per minute
4. TGC = Total Gross Cooling Capacity(MBH = 1000Btu/h)
5. SHC = Sensible Heat Capacity(MBH = 1000Btu/h)
6. PI = Power Input(kW), Sum of Compressor & Outdoor Fan Power Input

Evaporator Fan Performance Data LK-C075*C** (English)

CFM	High Speed		Low Speed	
	ESP(in.Ag.)	BHP	ESP(in.Ag.)	BHP
2100	0.88	0.51	0.83	0.45
2200	0.77	0.55	0.68	0.49
2300	0.67	0.60	0.52	0.54
2400	0.57	0.65	0.37	0.58
2500	0.47	0.70	0.22	0.63
2600	0.37	0.75	0.06	0.67
2700	0.26	0.80	-	-
2800	0.16	0.84	-	-

Evaporator Fan Performance Data LK-C075*C** (SI)

l/s	High Speed		Low Speed	
	ESP(mmAq.)	BHP	ESP(mmAq.)	BHP
59.5	22.3	0.38	21.1	0.34
62.3	19.6	0.41	17.3	0.37
65.1	17.0	0.45	13.2	0.40
68.0	14.5	0.48	9.40	0.43
70.8	11.9	0.52	5.60	0.47
73.6	9.40	0.56	1.52	0.50
76.5	6.60	0.60	-	-
79.3	4.06	0.63	-	-

Evaporator Fan Performance Data LK-C090B(9)C00 (SI)

l/s	External Static Pressure(in.Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		31.75		38.1	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1133	724	0.34	747	0.39	770	0.43	793	0.48	817	0.53	840	0.57	863	0.62	886	0.66	909	0.71	933	0.75	991	0.87	1049	0.98
1274	765	0.51	788	0.56	812	0.61	835	0.65	858	0.70	881	0.74	905	0.79	928	0.83	951	0.88	974	0.93	1032	1.04	1090	1.15
1416	812	0.72	835	0.76	858	0.81	881	0.85	905	0.90	928	0.95	951	0.99	974	1.04	997	1.08	1021	1.13	1079	1.24	1137	1.36
1558	863	0.95	886	1.00	910	1.04	933	1.09	956	1.13	979	1.18	1002	1.23	1026	1.27	1049	1.32	1072	1.36	1130	1.48	-	-
1699	919	1.22	943	1.27	966	1.31	989	1.36	1012	1.40	1035	1.45	1059	1.50	1082	1.54	1105	1.59	1128	1.63	-	-	-	-

- 1.5HP Standard Motor & Drive
- 1.5HP Standard Motor & High Static Drive
- 3HP Oversized Motor & Drive

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C090B(9)C00 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.25		1.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2400	724	0.46	747	0.52	770	0.58	793	0.64	817	0.71	840	0.77	863	0.83	886	0.89	909	0.95	933	1.01	991	1.16	1049	1.32
2700	765	0.69	788	0.75	812	0.81	835	0.87	858	0.93	881	1.00	905	1.06	928	1.12	951	1.18	974	1.24	1032	1.39	1090	1.55
3000	812	0.96	835	1.02	858	1.08	881	1.14	905	1.21	928	1.27	951	1.33	974	1.39	997	1.45	1021	1.51	1079	1.67	1137	1.82
3300	863	1.28	886	1.34	910	1.40	933	1.46	956	1.52	979	1.58	1002	1.64	1026	1.71	1049	1.77	1072	1.83	1130	1.98	-	-
3600	919	1.64	943	1.70	966	1.76	989	1.82	1012	1.88	1035	1.94	1059	2.01	1082	2.07	1105	2.13	1128	2.19	-	-	-	-

- 1.5HP Standard Motor & Drive
- 1.5HP Standard Motor & High Static Drive
- 3HP Oversized Motor & Drive

• Fan motor heat (MBH) = 3.26 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C090B(9)C00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Drive Fan Speed	673	725	778	831	883	936	989
Standard Motor & High Static Drive Accessory Fan Speed	717	773	829	886	942	998	1054
Oversized Motor & Drive Fan Speed	826	882	939	995	1052	1108	1165

• Factory set at 3 turns open.

Evaporator Fan Performance LK-C102*C** (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,284	609	0.40	615	0.44	623	0.47	632	0.50	642	0.54	653	0.57	665	0.61	678	0.64	693	0.68	707	0.71	722.9	0.74	739	0.77
1,444	640	0.56	645	0.60	653	0.63	662	0.67	672	0.70	684	0.74	696	0.77	709	0.80	723	0.83	738	0.86	753.4	0.91	770	0.94
1,605	676	0.76	682	0.80	689	0.83	698	0.86	708	0.89	720	0.93	732	0.96	745	1.00	759	1.03	774	1.07	789.4	1.10	806	1.13
1,765	718	0.98	723	1.01	731	1.05	740	1.08	750	1.12	761	1.16	774	1.19	787	1.22	801	1.25	816	1.29	831.3	1.32	848	1.36
1,926	765	1.24	771	1.28	779	0.31	788	1.34	798	1.37	809	1.41	822	1.44	835	1.48	849	1.51	864	1.55	879.3	1.58	896	1.61

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.73		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1,284	756	0.81	774	0.84	792	0.88	811	0.91	831	0.95	851	0.98	872	1.01	893	1.04
1,444	787	0.98	804	1.01	823	1.04	842	1.07	861	1.11	881	1.14	902	1.18	923	1.21
1,605	823	1.16	840	1.20	859	1.23	878	1.27	897	1.30	917	1.34	938	1.37	959	1.40
1,765	865	1.39	882	1.43	901	1.46	920	1.49	939	1.52	959	1.56	980	1.59	1001	1.63
1,926	913	1.65	930	1.68	949	1.72	968	1.75	987	1.79	1007	1.82	1028	1.85	1049	1.88

- 3Hp STANDARD MOTOR & DRIVE
- 3Hp STANDARD MOTOR & HIGH STATIC DRIVE

- Fan motor heat (kW)= 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C102*C** (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,720	609	0.53	615	0.58	623	0.62	632	0.67	642	0.72	653	0.76	665	0.81	678	0.85	693	0.90	707	0.94	722.9	0.99	739	1.03
3,060	640	0.75	645	0.80	653	0.84	662	0.89	672	0.93	684	0.98	696	1.02	709	1.07	723	1.11	738	1.15	753.4	1.21	770	1.25
3,400	676	1.01	682	1.06	689	1.10	698	1.15	708	1.19	720	1.24	732	1.28	745	1.33	759	1.37	774	1.42	789.4	1.46	806	1.51
3,740	718	1.31	723	1.35	731	1.40	740	1.44	750	1.49	761	1.54	774	1.58	787	1.63	801	1.67	816	1.72	831.3	1.76	848	1.81
4,080	765	1.65	771	1.70	779	1.74	788	1.79	798	1.83	809	1.88	822	1.92	835	1.97	849	2.01	864	2.06	879.3	2.10	896	2.15

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2,720	756	1.08	774	1.12	792	1.17	811	1.21	831	1.26	851	1.30	872	1.35	893	1.39
3,060	787	1.30	804	1.34	823	1.39	842	1.43	861	1.48	881	1.52	902	1.57	923	1.61
3,400	823	1.55	840	1.60	859	1.64	878	1.69	897	1.73	917	1.78	938	1.82	959	1.87
3,740	865	1.85	882	1.90	901	1.94	920	1.99	939	2.03	959	2.08	980	2.12	1001	2.17
4,080	913	2.20	930	2.24	949	2.29	968	2.33	987	2.38	1007	2.42	1028	2.47	1049	2.51

3Hp STANDARD MOTOR & DRIVE
3Hp STANDARD MOTOR & HIGH STATIC DRIVE

- Fan motor heat (MBH) = 3.10 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C102*C**(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
Standard Motor & Drive Fan Speed	566	604	643	682	720	759	798
Standard Motor & High Static Drive Accessory Fan Speed	779	832	886	939	992	1046	N·A

- Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C120B(9)C00 (SI)

l/s	External Static Pressure(mm Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1510	667	0.84	675	0.85	686	0.87	698	0.89	713	0.92	729	0.94	746	0.98	765	1.01	785	1.05	806	1.09	828	1.14	851	1.19
1699	723	1.07	731	1.09	742	1.11	755	1.14	769	1.17	785	1.21	802	1.25	821	1.30	841	1.35	862	1.40	884	1.46	907	1.53
1888	789	1.40	798	1.42	808	1.45	821	1.49	835	1.53	851	1.57	869	1.63	887	1.69	907	1.75	928	1.82	950	1.90	973	1.99
2077	866	1.84	875	1.87	886	1.91	898	1.96	913	2.01	929	2.07	946	2.14	965	2.22	984	2.31	1005	2.40	1028	2.51	1051	2.62
2266	955	2.46	963	2.50	974	2.55	987	2.61	1001	2.68	1017	2.77	1034	2.86	1053	2.97	1073	3.08	1094	3.21	1116	3.34	1139	3.50

l/s	External Static Pressure(mm Aq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1510	896	1.25	921	1.31	946	1.38	971	1.45	996	1.53	1022	1.62	1047	1.71	1072	1.81
1699	932	1.60	958	1.68	983	1.77	1008	1.86	1033	1.96	1058	2.07	1083	2.19	1108	2.32
1888	975	2.08	1000	2.18	1026	2.30	1051	2.42	1076	2.55	1101	2.69	1126	2.85	1151	3.01
2077	1025	2.74	1050	2.88	1075	3.02	1100	3.18	1125	3.36	1151	3.55	1176	3.75	-	-
2266	1082	3.66	1107	3.84	1132	4.04	1158	4.25	-	-	-	-	-	-	-	-

3HP Standard Motor & Drive
3HP Standard Motor & High Static Drive
5HP Oversized Motor & Drive

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C120B(9)C00 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3200	667	1.12	675	1.14	686	1.17	698	1.20	713	1.23	729	1.27	746	1.31	765	1.36	785	1.41	806	1.47	828	1.53	851	1.60
3600	723	1.44	731	1.46	742	1.50	755	1.53	769	1.57	785	1.62	802	1.68	821	1.74	841	1.81	862	1.88	884	1.96	907	2.05
4000	789	1.87	798	1.90	808	1.94	821	1.99	835	2.05	851	2.11	869	2.18	887	2.26	907	2.35	928	2.45	950	2.55	973	2.67
4400	866	2.47	875	2.51	886	2.56	898	2.62	913	2.70	929	2.78	946	2.87	965	2.98	984	3.09	1005	3.22	1028	3.36	1051	3.51
4800	955	3.29	963	3.35	974	3.42	987	3.50	1001	3.60	1017	3.71	1034	3.84	1053	3.98	1073	4.13	1094	4.30	1116	4.49	1139	4.69

CFM	External Static Pressure(inches of water)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3200	875	1.68	900	1.76	926	1.85	953	1.95	980	2.05	1009	2.17	1038	2.29	1068	2.43
3600	931	2.15	956	2.25	982	2.37	1009	2.49	1036	2.63	1065	2.78	1094	2.94	1124	3.11
4000	998	2.79	1023	2.93	1048	3.08	1075	3.24	1103	3.42	1131	3.61	1161	3.82	1191	4.04
4400	1075	3.68	1100	3.86	1126	4.06	1152	4.27	1180	4.50	1209	4.75	1238	5.03	-	-
4800	1163	4.91	1188	5.15	1214	5.41	1241	5.70	-	-	-	-	-	-	-	-

- 3HP Standard Motor & Drive
- 3HP Standard Motor & High Static Drive
- 5HP Oversized Motor & Drive

• Fan motor heat (MBH) = 3.10 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C120B(9)C00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Drive Fan Speed	692	739	787	834	881	929	976
Standard Motor & High Static Drive Accessory Fan Speed	891	952	1013	1074	1135	1196	1257
Oversized Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	1257

• Factory set at 3 turns open.

Evaporator Fan Performance LK-C150*C** (SI)

l/s	External Static Pressure(mmAq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1888	-	-	-	-	-	-	-	-	-	-	721	1.07	746	1.12	771	1.17	796	1.23	821	1.29	846	1.36	871	1.42
2124	-	-	-	-	-	-	707	1.20	732	1.25	757	1.32	782	1.38	807	1.45	832	1.52	857	1.60	882	1.68	907	1.76
2360	-	-	-	-	725	1.42	750	1.49	775	1.57	800	1.65	825	1.73	850	1.81	875	1.90	900	2.00	925	2.10	950	2.20
2596	724	1.64	749	1.72	775	1.80	800	1.89	825	1.98	850	2.08	875	2.18	900	2.29	925	2.41	950	2.52	975	2.65	1000	2.78
2832	781	2.09	807	2.19	832	2.30	857	2.42	882	2.54	907	2.66	932	2.79	957	2.93	982	3.08	1007	3.23	1032	3.39	1057	3.55

l/s	External Static Pressure(mmAq.)															
	33.02		35.56		38.10		40.64		43.18		45.73		48.26		50.80	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
1888	896	1.49	921	1.57	946	1.65	971	1.73	996	1.81	1022	1.90	1047	2.00	1072	2.10
2124	932	1.85	958	1.94	983	2.03	1008	2.13	1033	2.24	1058	2.35	1083	2.47	1108	2.59
2360	975	2.31	1000	2.42	1026	2.54	1051	2.67	1076	2.80	1101	2.94	1126	3.08	1151	3.24
2596	1025	2.92	1050	3.06	1075	3.21	1100	3.37	1125	3.54	1151	3.71	1176	3.90	-	-
2832	1082	3.73	1107	3.91	1132	4.11	1158	4.31	-	-	-	-	-	-	-	-

- 3Hp STANDARD MOTOR & DRIVE (white)
- 3Hp STANDARD MOTOR & HIGH STATIC DRIVE (light grey)
- 5Hp OVER SIZED MOTOR & DRIVE (dark grey)

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C150*C** (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	-	-	-	-	-	-	-	-	-	-	721	1.43	746	1.50	771	1.57	796	1.65	821	1.73	846	1.82	871	1.91
4500	-	-	-	-	-	-	707	1.60	732	1.68	757	1.77	782	1.85	807	1.94	832	2.04	857	2.14	882	2.25	907	2.36
5000	-	-	-	-	725	1.91	750	2.00	775	2.10	800	2.21	825	2.32	850	2.43	875	2.55	900	2.68	925	2.81	950	2.95
5500	724	2.19	749	2.30	775	2.42	800	2.53	825	2.66	850	2.79	875	2.93	900	3.07	925	3.23	950	3.39	975	3.55	1000	3.73
6000	781	2.80	807	2.94	832	3.09	857	3.24	882	3.40	907	3.57	932	3.74	957	3.93	982	4.12	1007	4.33	1032	4.54	1057	4.77

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	896	2.00	921	2.10	946	2.21	971	2.32	996	2.43	1022	2.55	1047	2.68	1072	2.81
4500	932	2.48	958	2.60	983	2.73	1008	2.86	1033	3.00	1058	3.15	1083	3.31	1108	3.47
5000	975	3.09	1000	3.25	1026	3.41	1051	3.58	1076	3.75	1101	3.94	1126	4.13	1151	4.34
5500	1025	3.91	1050	4.11	1075	4.31	1100	4.52	1125	4.75	1151	4.98	1176	5.23	-	-
6000	1082	5.00	1107	5.25	1132	5.51	1158	5.78	-	-	-	-	-	-	-	-

- 3Hp STANDARD MOTOR & DRIVE (white)
- 3Hp STANDARD MOTOR & HIGH STATIC DRIVE (light grey)
- 5Hp OVER SIZED MOTOR & DRIVE (dark grey)

• Fan motor heat (MBH) = 3.10 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C150*C**(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Drive Fan Speed	704	752	800	849	897	945	993
Standard Motor & High Static Drive Accessory Fan Speed	793	847	901	955	1010	1064	1118
Oversized Motor & Drive Fan Speed	841	898	956	1014	1071	1129	1186

• Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C180B(D/9)C00 (SI)

l/s	External Static Pressure(mmAq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)
2265	646	0.75	663	0.78	679	0.82	696	0.85	713	0.89	730	0.92	747	0.96	764	1.00	780	1.03	797	1.07	814	1.10	831	1.14
2548	695	1.02	712	1.06	729	1.09	746	1.13	763	1.16	780	1.20	796	1.23	813	1.27	830	1.30	847	1.34	864	1.37	881	1.41
2832	754	1.34	771	1.38	788	1.42	805	1.45	821	1.49	838	1.52	855	1.56	872	1.59	889	1.63	906	1.66	923	1.70	939	1.73
3115	822	1.72	839	1.76	856	1.79	873	1.83	890	1.86	906	1.90	923	1.93	940	1.97	957	2.01	974	2.04	991	2.07	1008	2.11
3398	900	2.15	917	2.18	934	2.22	951	2.26	968	2.29	985	2.33	-	-	-	-	-	-	-	-	-	-	-	-

l/s	External Static Pressure(mmAq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)	RPM	Input (kW)
2265	848	1.17	865	1.21	882	1.24	898	1.28	915	1.31	932	1.35	949	1.38	966	1.42
2548	898	1.44	914	1.48	931	1.51	948	1.55	455	1.59	982	1.62	999	1.66	1015	1.69
2832	956	1.77	973	1.80	990	1.84	1007	1.87	1024	1.91	1040	1.94	1057	1.98	1074	2.02
3115	1024	2.14	1041	2.18	1058	2.21	1075	2.25	1092	2.28	1109	2.32	531	2.35	-	-
3398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4Hp Standard Motor & Low Static Drive Kit
4Hp Standard Motor & Drive
5Hp Oversized Motor & Drive

- Fan motor heat (kW) = 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C180B(D/9)C00 (English)

CFM	External Static Pressure(in.Aq.)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	646	1.58	663	1.66	679	1.73	696	1.81	713	1.88	730	1.96	747	2.03	764	2.11	780	2.18	797	2.26	814	2.33	831	2.41
5,400	695	2.16	712	2.24	729	2.31	746	2.39	763	2.46	780	2.54	796	2.61	813	2.69	830	2.76	847	2.84	864	2.91	881	2.99
6,000	754	2.85	771	2.92	788	3	805	3.07	821	3.15	838	3.22	855	3.3	872	3.37	889	3.45	906	3.52	923	3.6	939	3.67
6,600	822	3.65	839	3.72	856	3.8	873	3.87	890	3.95	906	4.02	923	4.1	940	4.17	957	4.25	974	4.32	991	4.39	1008	4.47
7,200	900	4.56	917	4.63	934	4.71	951	4.78	968	4.86	985	4.93	-	-	-	-	-	-	-	-	-	-	-	-

CFM	External Static Pressure(in.Aq.)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4,800	848	2.48	865	2.56	882	2.63	898	2.71	915	2.78	932	2.86	949	2.93	966	3.01
5,400	898	3.06	914	3.14	931	3.21	948	3.29	965	3.36	982	3.44	999	3.51	1015	3.59
6,000	956	3.75	973	3.82	990	3.9	1007	3.97	1024	4.05	1040	4.12	1057	4.2	1074	4.27
6,600	1024	4.54	1041	4.62	1058	4.69	1075	4.77	1092	4.84	1109	4.92	1125	4.99	-	-
7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- 4Hp STANDARD MOTOR & LOW STATIC DRIVE KIT (white)
- 4Hp STANDARD MOTOR & DRIVE (light grey)
- 5Hp OVER SIZED MOTOR & DRIVE (dark grey)

• Fan motor heat (MBH) = 3.10 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C180B(D/9)C00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Low Static Drive Accessory Fan Speed	702	750	798	846	894	942	990
Standard Motor & Drive Fan Speed	831	888	945	1102	1059	1116	1173
Oversized Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	1257

• Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C210B(9)C00 (SI)

l/s	External Static Pressure(mm Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2643	-	-	736	1.16	759	1.32	782	1.46	806	1.58	829	1.69	852	1.79	875	1.89	899	1.98	922	2.06	945	2.14	968	2.21
2974	771	1.51	794	1.72	817	1.88	840	2.02	864	2.14	887	2.25	910	2.35	934	2.45	957	2.53	980	2.62	1003	2.70	1027	2.77
3304	836	2.17	859	2.38	882	2.54	905	2.68	929	2.80	952	2.91	975	3.01	998	3.11	1022	3.19	1045	3.28	1068	3.36	1091	3.43
3634	907	2.93	931	3.15	954	3.31	977	3.45	1000	3.57	1024	3.68	1047	3.78	1070	3.87	1093	3.96	1117	4.05	1140	4.12	1163	4.20
3965	986	3.81	1009	4.03	1032	4.19	1056	4.33	1079	4.45	1102	4.56	1125	4.66	1149	4.75	1172	4.84	1195	4.92	1218	5.00	1242	5.08

l/s	External Static Pressure(mm Aq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
2643	992	2.29	1015	2.36	1038	2.42	1061	2.49	1085	2.55	1108	2.61	1131	2.67	1154	2.73
2974	1050	2.85	1073	2.92	1096	2.98	1120	3.05	1143	3.11	1166	3.17	1189	3.23	1213	3.29
3304	1115	3.51	1138	3.58	1161	3.64	1184	3.71	1208	3.77	1231	3.83	1254	3.89	1277	3.95
3634	1186	4.27	1210	4.34	1233	4.41	1256	4.48	1279	4.54	1303	4.60	1326	4.66	1349	4.72
3965	1265	5.15	1288	5.22	1311	5.29	1335	5.36	1358	5.42	1381	5.48	1404	5.54	1428	5.60

- 5HP Standard Motor & Drive
- 5HP Standard Motor & High Static Drive
- 7.5HP Oversized Motor & Drive

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C210B(9)C00 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5600	-	-	736	1.55	759	1.77	782	1.96	806	2.12	829	2.27	852	2.40	875	2.53	899	2.65	922	2.76	945	2.87	968	2.97
6300	771	2.02	794	2.30	817	2.52	840	2.71	864	2.87	887	3.02	910	3.15	934	3.28	957	3.40	980	3.51	1003	3.62	1027	3.72
7000	836	2.90	859	3.19	882	3.41	905	3.59	929	3.76	952	3.90	975	4.04	998	4.17	1022	4.28	1045	4.40	1068	4.50	1091	4.60
7700	907	3.93	931	4.22	954	4.44	977	4.62	1000	4.79	1024	4.93	1047	5.07	1070	5.19	1093	5.31	1117	5.42	1140	5.53	1163	5.63
8400	986	5.11	1009	5.40	1032	5.62	1056	5.80	1079	5.96	1102	6.11	1125	6.25	1149	6.37	1172	6.49	1195	6.60	1218	6.71	1242	6.81

CFM	External Static Pressure(inches of water)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5600	992	3.07	1015	3.16	1038	3.25	1061	3.34	1085	3.42	1108	3.51	1131	3.59	1154	3.66
6300	1050	3.82	1073	3.91	1096	4.00	1120	4.09	1143	4.17	1166	4.26	1189	4.34	1213	4.41
7000	1115	4.70	1138	4.80	1161	4.89	1184	4.97	1208	5.06	1231	5.14	1254	5.22	1277	5.30
7700	1186	5.73	1210	5.82	1233	5.92	1256	6.00	1279	6.09	1303	6.17	1326	6.25	1349	6.33
8400	1265	6.91	1288	7.00	1311	7.09	1335	7.18	1358	7.27	1381	7.35	1404	7.43	1428	7.51

- 5HP Standard Motor & Drive
- 5HP Standard Motor & High Static Drive
- 7.5HP Oversized Motor & Drive

• Fan motor heat (MBH) = 3.03 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C210B(9)C00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Low Static Drive Accessory Fan Speed	733	783	833	883	934	984	1034
Standard Motor & Drive Fan Speed	891	952	1013	1074	1135	1196	1257
Oversized Motor & Drive Fan Speed	1017	1086	1156	1225	1295	1364	1434

• Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C240B(D/9)C00 (SI)

l/s	External Static Pressure(mm Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3021	547	1.25	569	1.35	590	1.46	611	1.56	633	1.67	654	1.77	676	1.88	697	1.98	719	2.09	740	2.20	762	2.30	783	2.41
3398	577	1.60	598	1.71	620	1.81	641	1.92	663	2.03	684	2.13	706	2.24	727	2.34	748	2.45	770	2.55	791	2.66	813	2.76
3776	614	2.05	635	2.15	657	2.26	678	2.37	700	2.47	721	2.58	743	2.68	764	2.79	786	2.89	807	3.00	828	3.10	850	3.21
4154	659	2.59	681	2.70	702	2.81	723	2.91	745	3.02	766	3.12	788	3.23	809	3.33	831	3.44	852	3.54	874	3.65	895	3.75
4531	713	3.25	735	3.35	756	3.46	778	3.56	799	3.67	821	3.77	842	3.88	864	3.99	885	-	906	-	928	-	944	-

l/s	External Static Pressure(mm Aq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3021	805	2.51	826	2.62	848	2.72	869	2.83	891	2.93	912	3.04	933	3.15	955	3.25
3398	834	2.87	856	2.97	877	3.08	899	3.19	920	3.29	942	3.40	963	3.50	985	3.61
3776	871	3.32	893	3.42	914	3.53	936	3.63	957	3.74	979	3.84	1000	3.95	1022	4.05
4154	917	3.86	938	3.97	960	4.07	981	4.18	1002	4.28	1024	4.39	1045	4.49	1067	4.60
4531	971	4.51	992	4.62	1014	4.72	1035	4.83	1057	4.94	1078	5.04	-	-	-	-

- 5HP Standard Motor & Drive
- 5HP Standard Motor & High Static Drive
- 7.5HP Oversized Motor & Drive

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C240B(D/9)C00, LK-C2409C01 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6400	547	1.67	569	1.81	590	1.95	611	2.10	633	2.24	654	2.38	676	2.52	697	2.66	719	2.80	740	2.94	762	3.09	783	3.23
7200	577	2.15	598	2.29	620	2.43	641	2.57	663	2.72	684	2.86	706	3.00	727	3.14	748	3.28	770	3.42	791	3.56	813	3.71
8000	614	2.75	635	2.89	657	3.03	678	3.17	700	3.31	721	3.46	743	3.60	764	3.74	786	3.88	807	4.02	828	4.16	850	4.30
8800	659	3.48	681	3.62	702	3.76	723	3.90	745	4.04	766	4.19	788	4.33	809	4.47	831	4.61	852	4.75	874	4.89	895	5.03
9600	713	4.35	735	4.50	756	4.64	778	4.78	799	4.92	821	5.06	842	5.20	864	5.35	885	5.49	906	5.63	928	5.77	944	5.91

CFM	External Static Pressure(inches of water)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6400	805	3.37	826	3.51	848	3.65	869	3.79	891	3.93	912	4.08	933	4.22	955	4.36
7200	834	3.85	856	3.99	877	4.13	899	4.27	920	4.41	942	4.56	963	4.70	985	4.84
8000	871	4.45	893	4.59	914	4.73	936	4.87	957	5.01	979	5.15	1000	5.29	1022	5.44
8800	917	5.18	938	5.32	960	5.46	981	5.60	1002	5.74	1024	5.88	1045	6.03	1067	6.17
9600	971	6.05	992	6.19	1014	6.34	1035	6.48	1057	6.62	1078	6.76	-	-	-	-

- 5HP Standard Motor & Drive
- 5HP Standard Motor & High Static Drive
- 7.5HP Oversized Motor & Drive

• Fan motor heat (MBH) = 3.03 x Fan BHP
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C240B(D/9)C00, LK-C2409C01(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	1 Turn Open
Standard Motor & Drive Fan Speed	540	575	610	645	680	715	750
Standard Motor & High Static Drive Accessory Fan Speed	679	723	768	812	856	900	944
Oversized Motor & Drive Fan Speed	778	828	879	929	980	1030	1080

• Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C300B(D/9)C00 (SI)

l/s	External Static Pressure(mm Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3776	-	-	-	-	-	-	678	2.37	700	2.47	721	2.58	743	2.68	764	2.79	786	2.89	807	3.00	828	3.10	850	3.21
4248	672	2.75	693	2.85	715	2.96	736	3.06	758	3.17	779	3.27	801	3.38	822	3.49	843	3.59	865	3.70	886	3.80	908	3.91
4720	744	3.62	766	3.72	787	3.83	808	3.93	830	4.04	851	4.15	873	4.25	894	4.36	916	4.46	937	4.57	959	4.67	980	4.78
5192	832	4.68	854	4.79	875	4.89	897	5.00	918	5.10	940	5.21	961	5.31	983	5.42	1004	5.53	1026	5.63	1047	5.74	1069	5.84
5664	938	5.96	960	6.06	981	6.17	1003	6.27	1024	6.38	1046	6.49	1067	6.59	1089	6.70	-	-	-	-	-	-	-	-

l/s	External Static Pressure(mm Aq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
3776	871	3.32	893	3.42	914	3.53	936	3.63	957	3.74	979	3.84	1000	3.95	1022	4.05
4248	929	4.01	951	4.12	972	4.22	994	4.33	1015	4.43	1037	4.54	1058	4.65	1080	4.75
4720	1002	4.88	1023	4.99	1045	5.09	1066	5.20	1088	5.31	1109	5.41	1130	5.52	1152	5.62
5192	1090	5.95	1111	6.05	1133	6.16	1154	6.26	1176	6.37	1197	6.48	1219	6.58	1240	6.69
5664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

7.5HP Standard Motor & Drive
7.5HP Standard Motor & High Static Drive

- Fan motor heat (kW) = 1.28 x Fan BkW
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C300B(D/9)C00 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000	-	-	-	-	-	-	678	3.17	700	3.31	721	3.46	743	3.60	764	3.74	786	3.88	807	4.02	828	4.16	850	4.30
9000	672	3.68	693	3.82	715	3.97	736	4.11	758	4.25	779	4.39	801	4.53	822	4.67	843	4.82	865	4.96	886	5.10	908	5.24
10000	744	4.85	766	4.99	787	5.13	808	5.28	830	5.42	851	5.56	873	5.70	894	5.84	916	5.98	937	6.12	959	6.27	980	6.41
11000	832	6.28	854	6.42	875	6.56	897	6.70	918	6.84	940	6.99	961	7.13	983	7.27	1004	7.41	1026	7.55	1047	7.69	1069	7.83
12000	938	7.99	960	8.13	981	8.27	1003	8.41	1024	8.56	1046	8.70	1067	8.84	1089	8.98	-	-	-	-	-	-	-	-

CFM	External Static Pressure(inches of water)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000	871	4.45	893	4.59	914	4.73	936	4.87	957	5.01	979	5.15	1000	5.29	1022	5.44
9000	929	5.38	951	5.52	972	5.66	994	5.81	1015	5.95	1037	6.09	1058	6.23	1080	6.37
10000	1002	6.55	1023	6.69	1045	6.83	1066	6.97	1088	7.12	1109	7.26	1130	7.40	1152	7.54
11000	1090	7.98	1111	8.12	1133	8.26	1154	8.40	1176	8.54	1197	8.68	1219	8.82	1240	8.97
12000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

7.5HP Standard Motor & Drive

7.5HP Standard Motor & High Static Drive

- Fan motor heat (MBH) = 2.96 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter, dry coil, without electric heater.

Fan speed Data LK-C300B(D/9)C00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Low Static Drive Accessory Fan Speed	-	-	-	-	-	-	-
Standard Motor & Drive Fan Speed	661	706	750	794	838	882	926
Standard Motor & High Static Drive Accessory Fan Speed	889	948	1007	1066	1125	1185	1244

- Factory set at 3 turns open.

Evaporator Fan Performance Data LK-C360B(9)H00 (SI)

l/s	External Static Pressure(mm Aq.)																							
	2.54		5.08		7.62		10.16		12.7		15.24		17.78		20.32		22.86		25.4		27.94		30.48	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
4531	-	-	637	2.53	654	2.64	671	2.75	688	2.87	705	2.98	722	3.09	739	3.21	756	3.32	773	3.43	790	3.54	807	3.66
5098	666	2.91	683	3.02	700	3.13	717	3.24	734	3.36	751	3.47	768	3.58	785	3.70	802	3.81	819	3.92	836	4.03	853	4.15
5664	717	3.52	734	3.63	751	3.74	768	3.86	785	3.97	802	4.08	819	4.19	836	4.31	853	4.42	870	4.53	887	4.65	904	4.76
6230	773	4.26	790	4.38	807	4.49	824	4.60	841	4.72	858	4.83	875	4.94	893	5.05	910	5.17	927	5.28	944	5.39	961	5.51
6797	835	5.16	852	5.27	869	5.39	886	5.50	903	5.61	920	5.72	937	5.84	954	5.95	971	6.06	988	6.18	1005	6.29	1023	6.40

l/s	External Static Pressure(mm Aq.)															
	33.02		35.56		38.1		40.64		43.18		45.72		48.26		50.8	
	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW	RPM	BkW
4531	824	3.77	841	3.88	859	4.00	876	4.11	893	4.22	910	4.33	927	4.45	944	4.56
5098	870	4.26	887	4.37	904	4.49	921	4.60	938	4.71	955	4.82	972	4.94	989	5.05
5664	921	4.87	938	4.98	955	5.10	972	5.21	989	5.32	1006	5.44	1024	5.55	1041	5.66
6230	978	5.62	995	5.73	1012	5.84	1029	5.96	1046	6.07	-	-	-	-	-	-
6797	1040	6.51	1057	6.63	-	-	-	-	-	-	-	-	-	-	-	-

10HP Standard Motor & Drive
10HP Standard Motor & High Static Drive
10HP Oversized Motor & Drive

• Fan motor heat (kW) = 1.28 x Fan BkW
• Test Condition: ❶ Voltage : 220(V)
❷ Operating Mode : Fan operation mode with clean filter, dry coil, without electric heater.

Evaporator Fan Performance LK-C360B(9)H00 (English)

CFM	External Static Pressure(inches of water)																							
	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1		1.1		1.2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9600	-	-	637	3.39	654	3.54	671	3.69	688	3.85	705	4.00	722	4.15	739	4.30	756	4.45	773	4.60	790	4.75	807	4.90
10800	666	3.90	683	4.05	700	4.20	717	4.35	734	4.50	751	4.65	768	4.80	785	4.96	802	5.11	819	5.26	836	5.41	853	5.56
12000	717	4.72	734	4.87	751	5.02	768	5.17	785	5.32	802	5.47	819	5.62	836	5.78	853	5.93	870	6.08	887	6.23	904	6.38
13200	773	5.72	790	5.87	807	6.02	824	6.17	841	6.32	858	6.47	875	6.63	893	6.78	910	6.93	927	7.08	944	7.23	961	7.38
14400	835	6.92	852	7.07	869	7.22	886	7.37	903	7.52	920	7.68	937	7.83	954	7.98	971	8.13	988	8.28	1005	8.43	1023	8.58

CFM	External Static Pressure(inches of water)															
	1.3		1.4		1.5		1.6		1.7		1.8		1.9		2	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9600	824	5.06	841	5.21	859	5.36	876	5.51	893	5.66	910	5.81	927	5.96	944	6.11
10800	870	5.71	887	5.86	904	6.01	921	6.17	938	6.32	955	6.47	972	6.62	989	6.77
12000	921	6.53	938	6.68	955	6.83	972	6.99	989	7.14	1006	7.29	1024	7.44	1041	7.59
13200	978	7.53	995	7.69	1012	7.84	1029	7.99	1046	8.14	-	-	-	-	-	-
14400	1040	8.74	1057	8.89	-	-	-	-	-	-	-	-	-	-	-	-

- 10HP Standard Motor & Drive
- 10HP Standard Motor & High Static Drive
- 10HP Oversized Motor & Drive

- Fan motor heat (MBH) = 2.96 x Fan BHP
- Test Condition: ❶ Voltage : 220(V)
  ❷ Operating Mode: Fan operation mode with clean filter,dry coil without electric heater
- Do not operate the unit at a cooling airflow that is less then 350CFM/1.2MBH
- Motor S.F:1.2

Fan speed Data LK-C360B(9)H00(RPM)

	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	0 Turn Open
Standard Motor & Drive Fan Speed	633	668	703	738	773	808	843
Standard Motor & High Static Drive Accessory Fan Speed	705	744	783	822	861	900	939
Oversized Motor & Drive Fan Speed	796	840	884	928	972	1016	1061

- Factory set at 3 turns open.

Accessory Static Pressure Drops

Model No.	CFM	l/s	Standard Filter		Electric Heater													
					5kW		9kW		10kW		15kW		18kW		36kW			
			in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.	in.Aq.	mmAq.		
LK-C075*C**	2,000	944	0.03	0.76	-	-	0.01	0.25	-	-	-	-	0.01	0.25	-	-		
	2,500	1,180	0.06	1.52	-	-	0.01	0.25	-	-	-	-	0.02	0.51	-	-		
	3,000	1,416	0.09	2.29	-	-	0.02	0.51	-	-	-	-	0.03	0.76	-	-		
LK-C090B(9)C00	2,400	1,133	0.04	1.02	-	-	0.01	0.25	-	-	-	-	0.02	0.51	-	-		
	3,000	1,416	0.08	2.03	-	-	0.01	0.25	-	-	-	-	0.03	0.76	-	-		
	3,600	1,699	0.12	3.05	-	-	0.02	0.51	-	-	-	-	0.04	1.02	-	-		
LK-C102*C**	2,720	1,284	0.04	1.02	-	-	0.01	0.25	-	-	-	-	0.06	1.52	-	-		
	3,400	1,604	0.07	1.78	-	-	0.01	0.25	-	-	-	-	0.08	2.03	-	-		
	4,080	1,925	0.09	2.29	-	-	0.02	0.51	-	-	-	-	0.11	2.79	-	-		
LK-C120B(9)C00	3,200	1,510	0.06	1.52	-	-	0.01	0.25	-	-	-	-	0.07	1.78	-	-		
	4,000	1,888	0.1	2.54	-	-	0.01	0.25	-	-	-	-	0.1	2.54	-	-		
	4,800	2,265	0.14	3.56	-	-	0.02	0.51	-	-	-	-	0.15	2.81	-	-		
LK-C150*C**	4,000	1,888	0.08	2.03	-	-	-	-	-	-	-	-	0.03	0.76	-	-		
	5,000	2,360	0.13	3.3	-	-	-	-	-	-	-	-	0.06	1.52	-	-		
	6,000	2,831	0.18	4.57	-	-	-	-	-	-	-	-	0.09	2.29	-	-		
LK-C180B(D/9)C00	4,800	2,265	0.06	1.52	-	-	-	-	-	-	-	-	0.04	1.02	0.04	1.02		
	6,000	2,831	0.09	2.29	-	-	-	-	-	-	-	-	0.06	1.52	0.07	1.78		
	7,200	3,398	0.13	3.3	-	-	-	-	-	-	-	-	0.1	2.54	0.11	2.79		
LK-C210B(9)C00	5,600	2,643	0.06	1.52	-	-	-	-	-	-	-	-	0.05	1.27	0.05	1.27		
	7,000	3,303	0.11	2.79	-	-	-	-	-	-	-	-	0.07	1.78	0.07	1.78		
	8,400	3,964	0.15	3.81	-	-	-	-	-	-	-	-	0.11	2.79	0.12	3.05		
LK-C240B(D/9)C00 LK-C2409C01	6,400	3,020	0.07	1.78	-	-	-	-	-	-	-	-	-	-	0.05	1.27		
	8,000	3,775	0.1	2.54	-	-	-	-	-	-	-	-	-	-	0.09	2.29		
	9,600	4,530	0.14	3.56	-	-	-	-	-	-	-	-	-	-	0.14	3.56		
LK-C300B(D/9)C00	8,000	3,775	0.08	2.03	-	-	-	-	-	-	-	-	-	-	0.07	1.78		
	10,000	4,719	0.13	3.3	-	-	-	-	-	-	-	-	-	-	0.13	3.3		
	12,000	5,663	0.18	4.57	-	-	-	-	-	-	-	-	-	-	0.17	4.32		
LK-C360B(9)H00	7,440	3,511	0.1	2.54	-	-	-	-	-	-	-	-	-	-	1	2.54		
	12,000	5,633	0.16	4.06	-	-	-	-	-	-	-	-	-	-	0.16	4.06		
	14,400	6,795	0.21	5.33	-	-	-	-	-	-	-	-	-	-	0.2	5.08		

Electric Heating Capacity

Model No.	Total		No. of Stage	Stage 1		Stage 2	
	Input(kW)	Output(MBH)		Input(kW)	Output(MBH)	Input(kW)	Output(MBH)
LK-C075*C**	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-C090B(9)C00	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-C102*C**	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-C120B(9)C00	9	30.72	1	9	30.72	-	-
	18	61.43	1	18	61.43	-	-
LK-C150*C**	18	61.43	1	18	61.43	-	-
LK-C180B(D/9)C00	18	61.43	1	18	61.43	-	-
	36	122.86	2	18	61.43	18	61.43
LK-C210B(9)C00	18	61.43	1	18	61.43	-	-
	36	122.86	2	18	61.43	18	61.43
LK-C240B(D/9)C00 LK-C2409C01	36	122.86	2	18	61.43	18	61.43
LK-C300B(D/9)C00	36	122.86	2	18	61.43	18	61.43
LK-C360B(9)H00	36	122.86	2	18	61.43	18	61.43

Note: 1. The output ratings shown above is at 240(V).
For other voltage, Output = Capacity Multiplier x Rated Output
2. E/heater Voltage range is 208-240(V).

Voltage(V)	Capacity Multiplier
208	0.75
220	0.84
230	0.92
240	1.00

Air Temperature Rise Across Electric Heater(°F)

Model No.	Stage	5kW	9kW	10kW	15kW	18kW	36kW
LK-C075*C** (AT 2500CFM)	1	-	11.4	-	-	22.8	-
LK-C090B(9)C00 (AT 3000CFM)	1	-	9.5	-	-	19.0	-
LK-C102*C** (AT 3400CFM)	1	-	8.4	-	-	16.7	-
LK-C120B(9)C00 (AT 4000CFM)	1	-	7.1	-	-	14.2	-
LK-C150*C** (AT 5000CFM)	1	-	-	-	-	11.4	-
LK-C180B(D/9)C00 (AT 6000CFM)	1 2	- -	- -	- -	- -	9.5 -	- 19.0
LK-210B(9)C00 (AT 7000CFM)	1 2	- -	- -	- -	- -	8.1 -	- 16.3
LK-C240B(D/9)C00 LK-C2409C01 (AT 8000CFM)	2	-	-	-	-	-	14.2
LK-C300B(D/9)C00 (AT 10000CFM)	2	-	-	-	-	-	11.4
LK-C360B(9)H00 (AT 12000CFM)	2	-	-	-	-	-	9.5

• Temp. Rise across Electric Heater = $\frac{(kW \times 3413)}{(1.08 \times CFM)}$

• If you want to take temp rise at different airflow use above equation.

11. Electrical data

Electrical data, Cooling

Tons	Model No.	Unit Operating Voltage Range(V)	Standard indoor fan motor			Oversized indoor fan motor		
			*M.C.A.	*M.F.S.	*M.C.B	*M.C.A.	*M.F.S.	*M.C.B
6.25	LK-C075BC**	198-242	35.2	60	60	36.8	60	60
7.5	LK-C090BC00	198-242	54.5	70	70	56.1	70	70
8.5	LK-C102BC**	198-242	56.9	70	70	-	-	-
10	LK-C120BC00	198-242	59.7	80	80	65.4	80	80
12.5	LK-C150BC**	198-242	62.4	80	80	68.1	80	80
15	LK-C180BC00	198-242	89.1	120	120	90.9	125	125
17.5	LK-C210BC00	198-242	95.1	130	130	100.1	140	140
20	LK-C240BC00	198-242	114.7	140	140	120.7	150	150
25	LK-C300BC00	198-242	130.6	160	160	-	-	-
30	LK-C360BH00	198-242	152.7	250	250	-	-	-
6.25	LK-C0759C**	342-418	22.9	40	40	23.9	40	40
7.5	LK-C0909C00	342-418	28.4	40	40	29.4	40	40
8.5	LK-C1029C**	342-418	31.4	50	50	-	-	-
10	LK-C1209C00	342-418	39.7	50	50	41.3	50	50
12.5	LK-C1509C**	342-418	42.4	50	50	44.1	60	60
15	LK-C1809C00	342-418	59.2	80	80	57.7	80	80
17.5	LK-C2109C00	342-418	64.3	90	90	64.8	90	90
20	LK-C2409C00(1)	342-418	76.4	100	100	76.7	100	100
25	LK-C3009C00	342-418	89.6	110	110	-	-	-
30	LK-C3609H00	342-418	115.1	140	140	-	-	-
15	LK-C180DC00	414~506	43.3	60	60	43.1	60	60
20	LK-C240DC00	414~506	56.5	70	70	58.1	70	70
25	LK-C300DC00	414~506	71.5	90	90	-	-	-

Note: *M.C.A.: Minimum Circuit Ampacity(A), *M.F.S.: Maximum Fuse Size(A), *M.C.B.: Maximum Circuit Breaker(A)

Electrical data with Electric Heating

Model No.	Heater Model No.	Heater Capacity(kW)	Power supply	Standard indoor fan motor			Oversized indoor fan motor		
				*M.C.A.	*M.F.S.	*M.C.B	*M.C.A.	*M.F.S.	*M.C.B
LK-C075BC**	LKAEH09B	9	3Ø, 220V, 60HZ	25.5	60	60	38.1	50	50
	LKAEH18B	18		42.6	60	60	61.5	70	70
LK-C090BC00	LKAEH09B	9	3Ø, 220V, 60HZ	25.5	70	70	27.5	70	70
	LKAEH18B	18		42.6	70	70	44.6	70	70
LK-C102BC**	LKAEH09B	9	3Ø, 220V, 60HZ	41.2	60	60	-	-	-
	LKAEH18B	18		64.8	80	80	-	-	-
LK-C120BC00	LKAEH09B	9	3Ø, 220V, 60HZ	27.5	80	80	34.6	80	80
	LKAEH18B	18		44.6	80	80	51.7	80	80
LK-C150BC**	LKAEH09B	18	3Ø, 220V, 60HZ	44.6	80	80	51.7	80	80
	LKAEH18B								
LK-C180BC00	LKAEH18B	18	3Ø, 220V, 60HZ	49.2	120	120	51.7	125	125
	LKAEH36B	36		83.4	120	120	85.9	125	125
LK-C210BC00	LKAEH36B	18	3Ø, 220V, 60HZ	51.7	130	130	57.9	140	140
		36		85.9	130	130	92.1	140	140
LK-C240BC00	LKAEH36BL	36	3Ø, 220V, 60HZ	84.6	150	150	92.1	150	150
LK-C300BC00	LKAEH36BL	36	3Ø, 220V, 60HZ	92.1	160	160	-	-	-
LK-C360BH00	LKAEH36BL	36	3Ø, 220V, 60HZ	100.9	250	250	-	-	-
LK-C0759C**	LKAEH098	9	3Ø, 380V, 60HZ	20.3	40	40	23.1	40	40
	LKAEH188	18		37.4	40	40	40.2	40	40
LK-C0909C00	LKAEH098	9	3Ø, 380V, 60HZ	20.3	40	40	23.1	40	40
	LKAEH188	18		37.4	40	40	40.2	40	40
LK-C1029C**	LKAEH098	9	3Ø, 380V, 60HZ	23.8	50	50	-	-	-
	LKAEH188	18		39.5	50	50	-	-	-
LK-C1209C00	LKAEH098	9	3Ø, 380V, 60HZ	23.1	50	50	27.1	50	50
	LKAEH188	18		40.2	50	50	44.2	50	50
LK-C1509C**	LKAEH098	18	3Ø, 380V, 60HZ	40.2	50	50	44.2	60	60
	LKAEH188								
LK-C1809C00	LKAEH188	18	3Ø, 380V, 60HZ	42.9	70	70	44.2	80	80
	LKAEH368	36		77.1	100	100	78.4	80	80
LK-C2109C00	LKAEH368	18	3Ø, 380V, 60HZ	44.2	90	90	47.9	90	90
		36		78.4	90	90	82.1	90	90
LK-C2409C00(1)	LKAEH368L	36	3Ø, 380V, 60HZ	78	100	100	82.1	100	100
LK-C3009C00	LKAEH368L	36	3Ø, 380V, 60HZ	82.1	110	110	-	-	-
LK-C3609H00	LKAEH368L	36	3Ø, 380V, 60HZ	87.1	140	140	-	-	-
LK-C180DC00	LKAEH18D	18	3Ø, 460V, 60HZ	41.3	60	60	41.9	60	60
	LKAEH36D	36		75.5	70	70	76.1	70	70
LK-C240DC00	LKAEH36D	36	3Ø, 460V, 60HZ	76.1	70	70	79.6	80	80
LK-C300DC00	LKAEH36D	36	3Ø, 460V, 60HZ	79.6	90	90	-	-	-

Note: *M.C.A.: Minimum Circuit Ampacity(A), *M.F.S.: Maximum Fuse Size(A), *M.C.B.: Maximum Circuit Breaker(A)

Electrical Characteristics---Evaporator Fan Motor --- 60 Hz

Model No.	Standard indoor fan motor						Oversize indoor fan motor					
	No.	Voltage(V)	Phase	HP	FLA	LRA	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-C075BC**	1	220	3	1.5	6.7	40.2	1	220	3	3.0	8.3	64.0
LK-C090BC00	1	220	3	1.5	6.7	40.2	1	220	3	3.0	8.3	64.0
LK-C102BC**	1	220	3	3.0	8.3	81.0	-	-	-	-	-	-
LK-C120BC00	1	220	3	3.0	8.3	81.0	1	220	3	5.0	14.0	100.0
LK-C150BC**	1	220	3	3.0	8.3	81.0	1	220	3	5.0	14.0	100.0
LK-C180BC00	1	220	3	4.0	12.0	92.0	1	220	3	5.0	14.0	100.0
LK-C210BC00	1	220	3	5.0	14.0	100.0	1	220	3	7.5	19.0	139.0
LK-C240BC00	1	220	3	5.0	13.0	103.0	1	220	3	7.5	19.0	139.0
LK-C300BC00	1	220	3	7.5	19.0	139.0	-	-	-	-	-	-
LK-C360BH00	1	220	3	10.0	26.0	115.0	-	-	-	-	-	-
LK-C0759C**	1	380	3	1.5	2.6	26.0	1	380	3	3.0	4.8	37.0
LK-C0909C00	1	380	3	1.5	2.6	26.0	1	380	3	3.0	4.8	37.0
LK-C1029C**	1	380	3	3.0	4.8	37.0	-	-	-	-	-	-
LK-C1209C00	1	380	3	3.0	4.8	37.0	1	380	3	5.0	8.0	58.0
LK-C1509C**	1	380	3	3.0	4.8	37.0	1	380	3	5.0	8.0	58.0
LK-C1809C00	1	380	3	4.0	7.0	53.0	1	380	3	5.0	8.0	58.0
LK-C2109C00	1	380	3	5.0	8.0	58.0	1	380	3	7.5	11.0	81.0
LK-C2409C00(1)	1	380	3	5.0	7.7	60.0	1	380	3	7.5	11.0	81.0
LK-C3009C00	1	380	3	7.5	11.0	81.0	-	-	-	-	-	-
LK-C3609H00	1	380	3	10.0	15.0	115.0	-	-	-	-	-	-
LK-C180DC00	1	460	3	4.0	5.7	44.0	1	460	3	5.0	6.2	60.0
LK-C240DC00	1	460	3	5.0	6.2	60.0	1	460	3	7.5	9.0	89.0
LK-C300DC00	1	460	3	7.5	9.0	89.0	-	-	-	-	-	-

Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

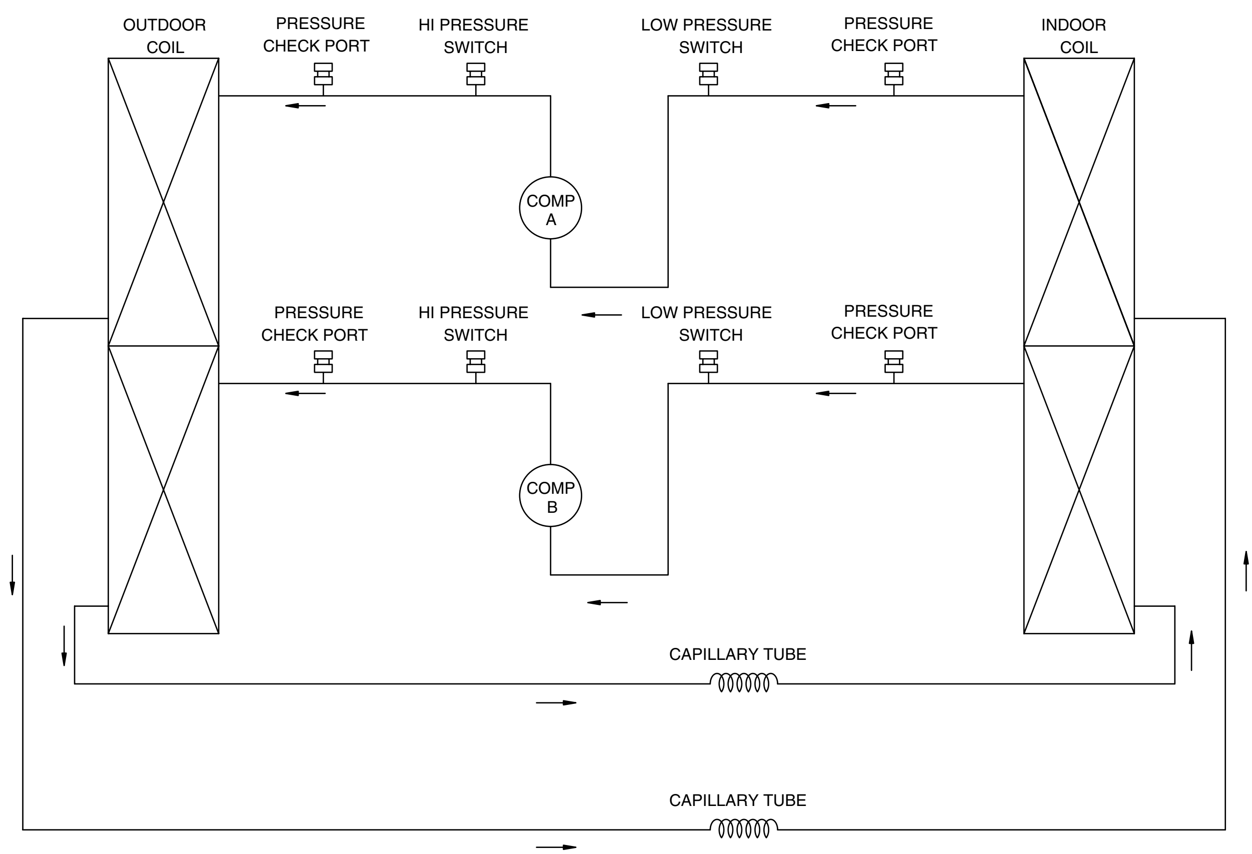
Electrical Characteristics---Compressor and Outdoor Fan Motor --- 60 Hz

Model No.	COMPRESSOR						OUTDOOR FAN MOTOR					
	No.	Voltage(V)	Phase	HP	FLA	LRA	No.	Voltage(V)	Phase	HP	FLA	LRA
LK-C075BC**	1	208-230	3	6.0	19.8	120	2	220	1	0.4	1.39	4.4
LK-C102BC**	2	208-230	3	4.0	17.6	108	2	220	1	0.4	1.8	3.3
LK-C150BC**	2	208-230	3	6.0	19.8	120	2	220	1	0.4	1.8	3.3
LK-C0759C**	1	360-400	3	6.0	13.2	78	2	220	1	0.4	1.39	4.4
LK-C0909C00	2	360-400	3	4.0	8.8	57	2	220	1	0.4	1.39	4.4
LK-C1029C**	2	360-400	3	4.0	8.8	57	2	220	1	0.4	1.8	3.3
LK-C1209C00	2	360-400	3	5.0	12.1	78	2	220	1	0.4	1.8	3.3
LK-C1509C**	2	360-400	3	6.0	13.2	78	2	220	1	0.4	1.8	3.3
LK-C1809C00	3	360-400	3	5.0	12.1	78	2	220	1	0.5	2.9	8.1
LK-C2109C00	3	360-400	3	6.0	13.2	78	2	220	1	0.5	2.9	8.1
LK-C2409C00(1)	4	360-400	3	5.0	12.1	78	4	220	1	0.4	1.8	3.3
LK-C3009C00	4	360-400	3	6.0	13.2	78	4	220	1	0.5	2.9	8.1
LK-C3609H00	2	360-400	3	13.0	35.0	155	4	220	1	0.5	2.9	8.1
LK-C090BC00	2	208-230	3	4.0	17.6	108	2	220	1	0.4	1.39	4.4
LK-C120BC00	2	208-230	3	5.0	18.7	108	2	220	1	0.4	1.8	3.3
LK-C180BC00	3	208-230	3	5.0	18.7	108	2	220	1	0.5	2.9	8.1
LK-C210BC00	3	208-230	3	6.0	19.8	120	2	220	1	0.5	2.9	8.1
LK-C240BC00	4	208-230	3	5.0	18.7	108	4	220	1	0.4	1.8	3.3
LK-C300BC00	4	208-230	3	6.0	19.8	120	4	220	1	0.5	2.9	8.1
LK-C360BH00	2	208-230	3	13.0	64.0	265	4	220	1	0.5	2.9	8.1
LK-C180DC00	3	460	3	5.0	9.3	57	2	460	3	0.5	0.88	2.89
LK-C240DC00	4	460	3	5.0	9.3	57	4	460	3	0.5	0.71	2.2
LK-C300DC00	4	460	3	6.0	11.6	76	4	460	3	0.5	0.88	2.89

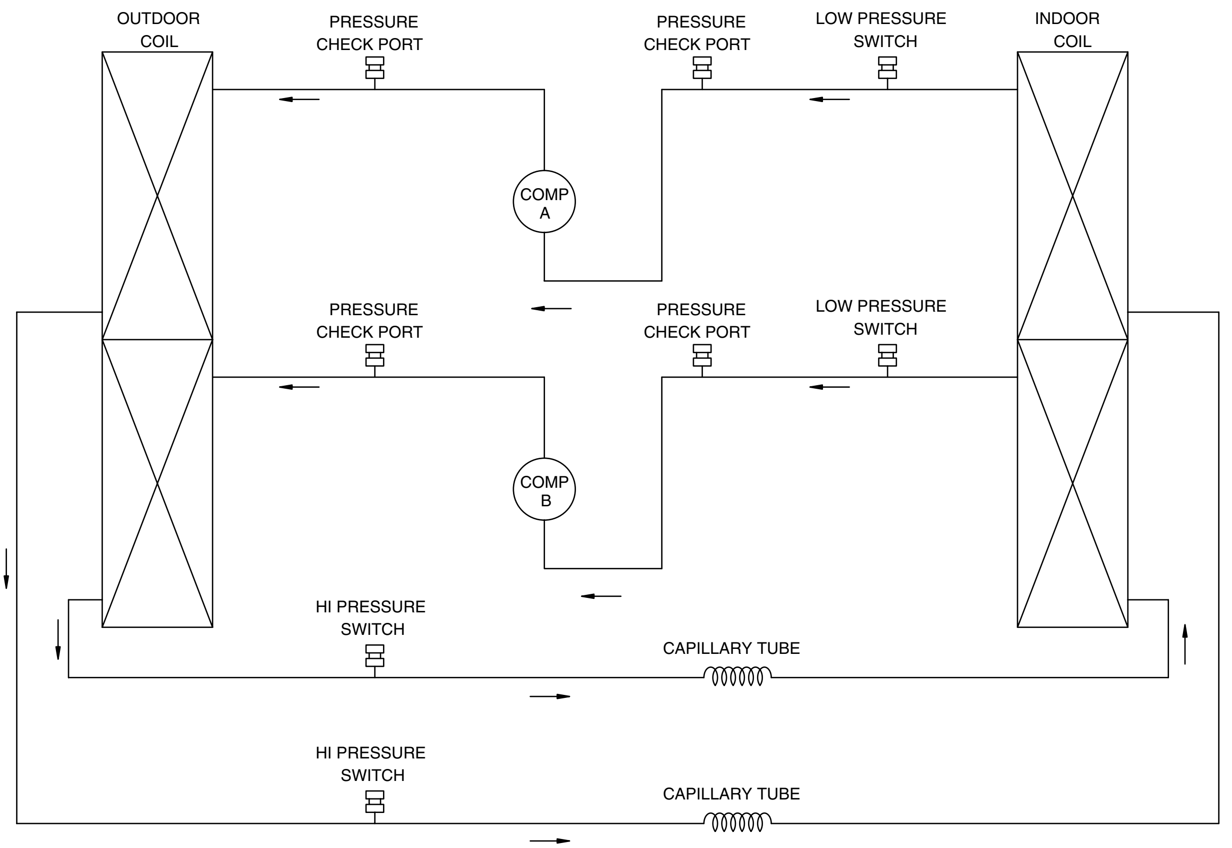
Note: • FLA - Full Load Amps(A).
• LRA - Locked Rotor Amps(A).

12. Piping diagrams

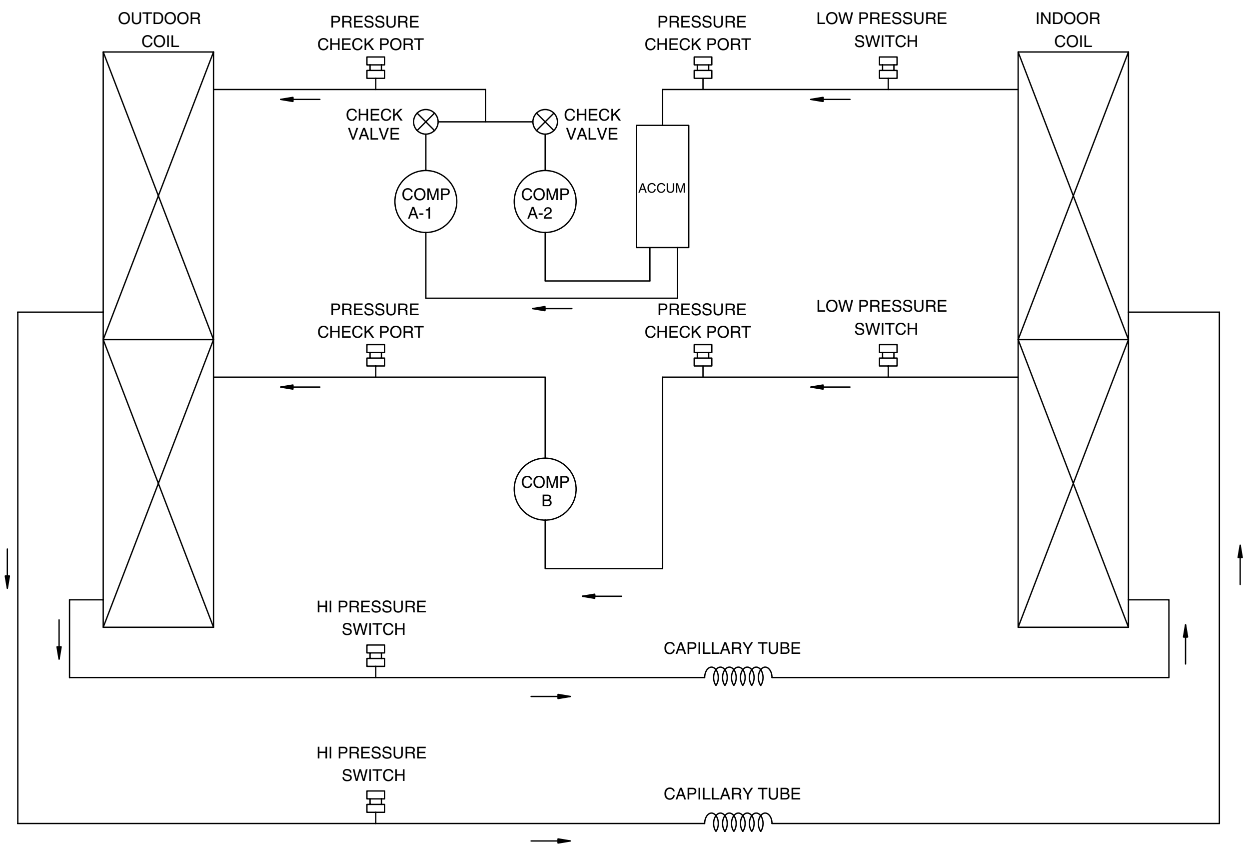
Model No.: LK-C075B(D/9)C00/LK-C090B(D/9)C00



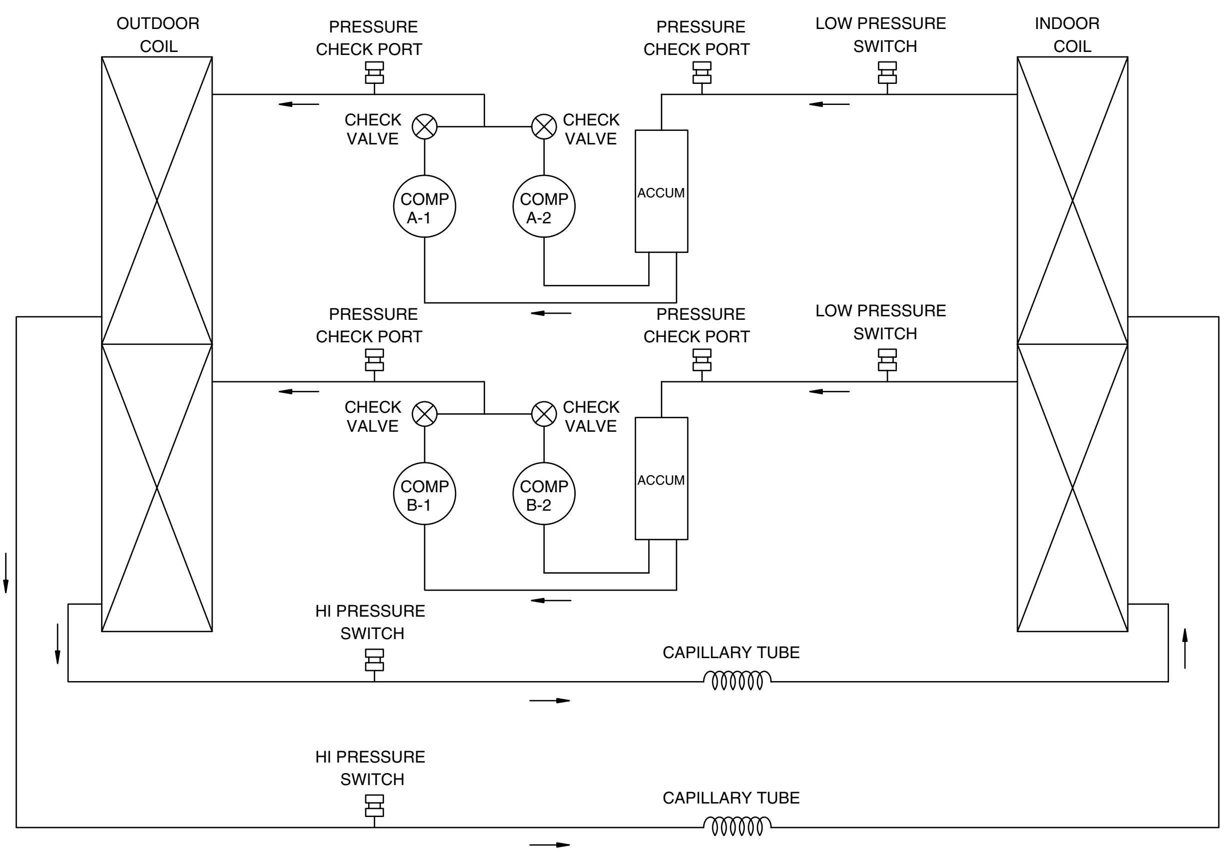
Model No.: LK-C102B(D/9)C00/LK-C120B(D/9)C00/LK-C150B(D/9)C00



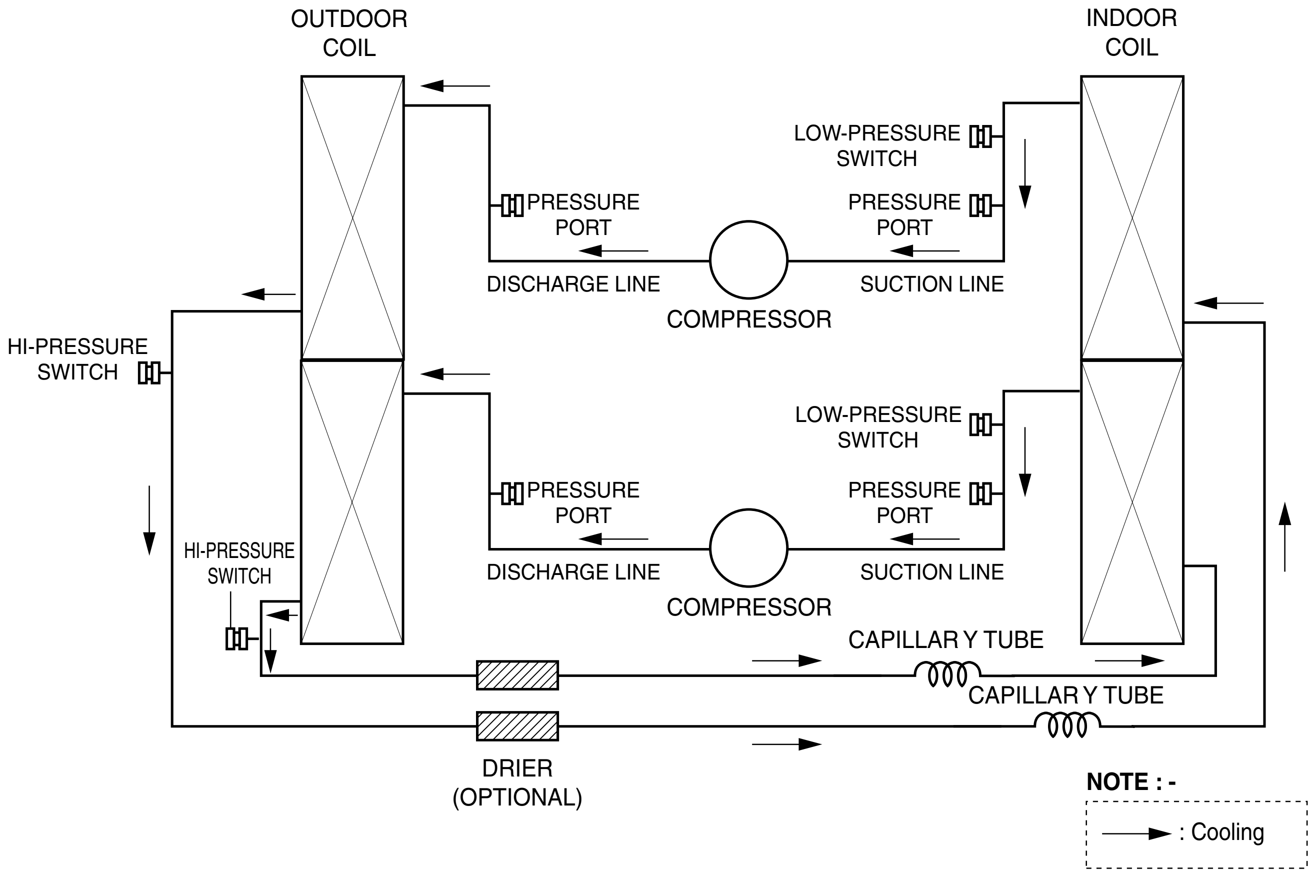
Model No.: LK-C180B(D/9)C00/LK-C210B(D/9)C00



Model No.: LK-C240B(D/9)C00/LK-C300B(D/9)C00

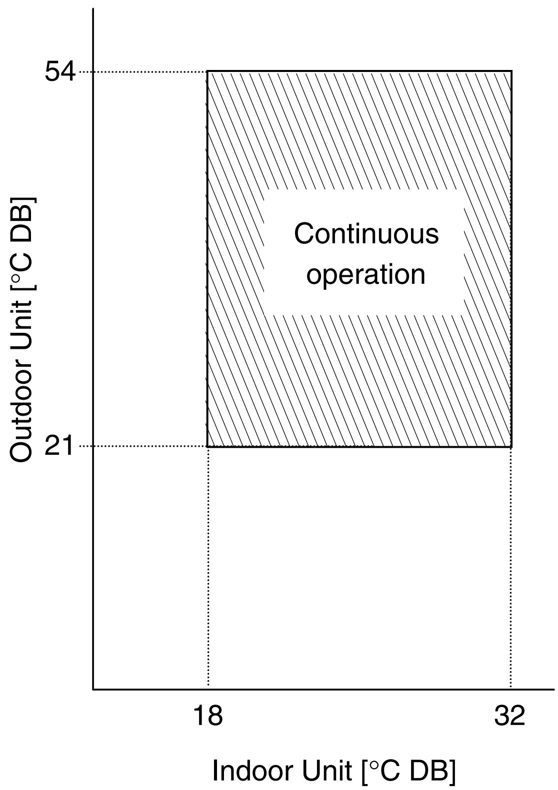


Model No.: LK-C360B(9)H00



13. Oeration range

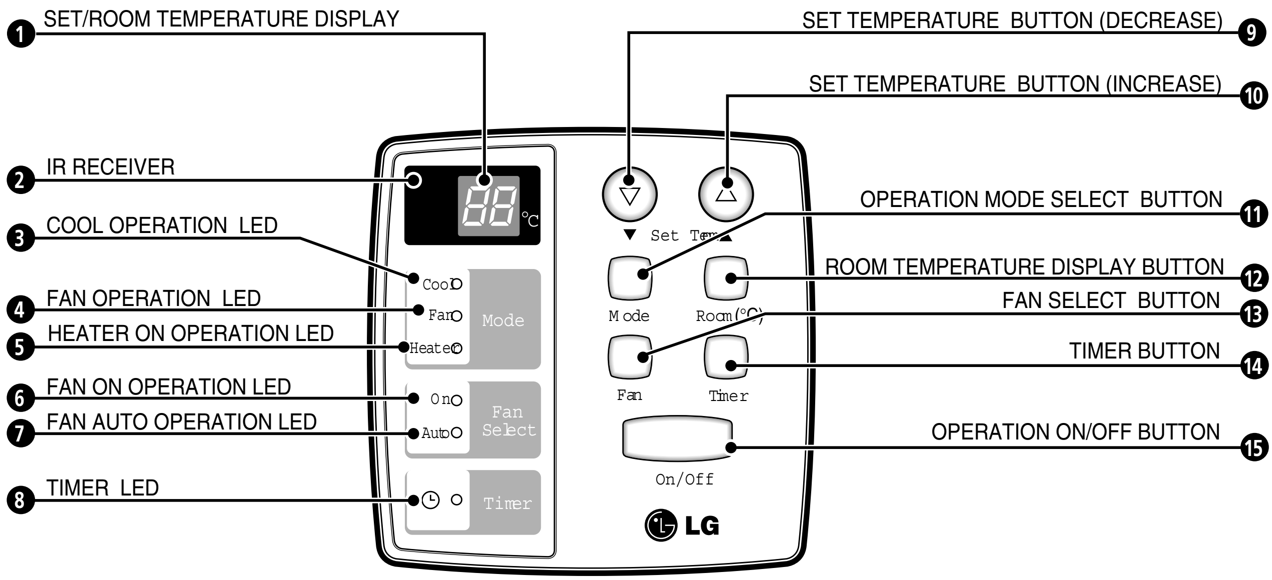
Cooling



- Although low ambient kit is installed, in case outdoor temperature goes below 0°C, the cooling capacity can be dropped and operation characteristics can be slightly different.

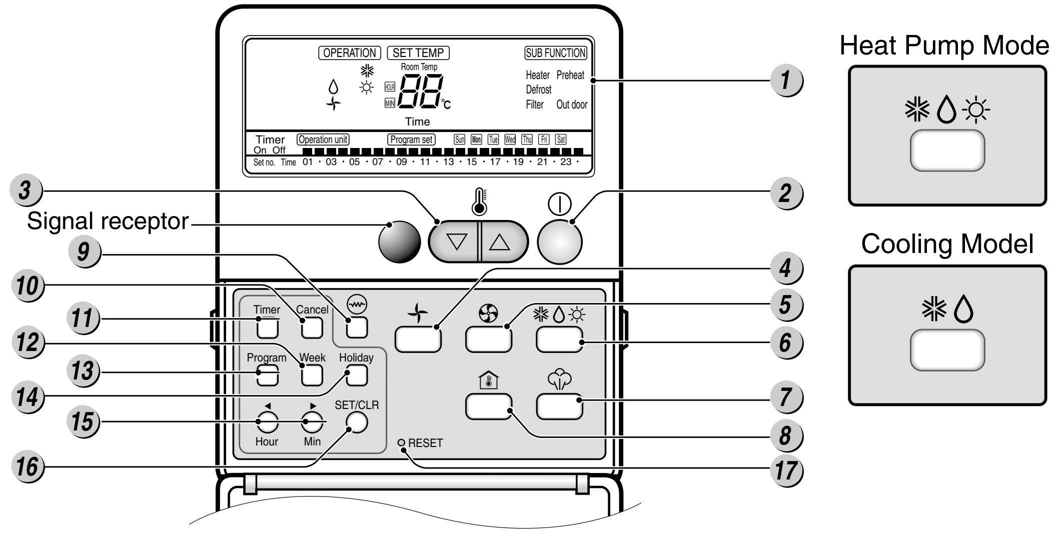
14. Controller

1) Electronic Thermostat - Mechanical control model (Accessory)



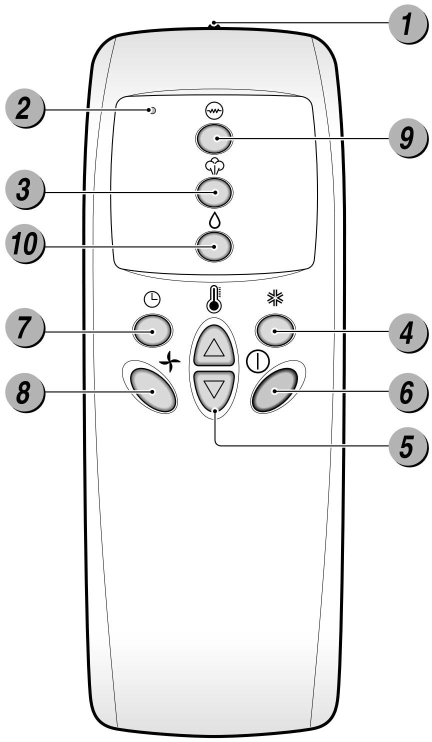
1. **Displays the set temperature or room temperature**
2. **Receives signal from wireless remote controller**
3. **Display for cool operation state**
4. **Display for fan operation state**
5. **Display for heater operation state**
6. **Display for fan operation "On" state**
7. **Display for fan operation in "Auto" state**
8. **Display for timer select state**
9. **Decrease the set temperature**
10. **Increase the set temperature**
11. **Select operation mode - cool/fan/heater**
12. **Display for room temperature**
13. **Select fan operation**
14. **Set the timer operation**
15. **Press the operation button once to start the operation Press again to stop the operation**

2) LCD Wired remote contoller



1. **Operation display**
   Displays the operation conditions.
2. **On/Off Button**
   Operation starts when this button is pressed, and stops when the button is pressed again.
3. **Set Temperature Button**
   Used to set the temperature when the desired temperature is obtained.
4. **Fan Operation Button**
   Used to circulate room air without cooling or heating.
5. **Fan Auto Button**
   - Fan AUTO operation mode
     Used to turn the indoor fan motor to on/auto operation mode by alternate pressing.
   - Fan ON operation mode
6. **Operation Mode Selection Button**
   Used to select the operation mode.
   - Cooling Operation Mode
   - Soft Dry Operation Mode
   - Heating Operation Mode(except cooling model)
7. **Humidify Button**
8. **Room Temperature Checking Button**
   Used to check the room temperature.
9. **Heater Button**
10. **Timer Cancel Button**
    Used to cancel the timer.
11. **Timer Set Button**
    Used to set the timer when the desired time is obtained.
12. **Week Button**
    Used to set a day of the week.
13. **Program Button**
    Used to set the weekly timer.
14. **Holiday Button**
    Used to set a holiday of the week.
15. **Time Set Button**
    Used to set the time of the day and change the time in the weekly timer Function.
16. **Set and Clear Button**
    Used to set and clear the weekly timer.
17. **Reset Button**
    Used to set the current time and clear the setting time.

3) Wireless remote controller (accessory)



(Cooling Model)

1. **Signal Transmitter**
   - Transmits the signals to the air conditioner
2. **Operation Display of the Remote Control**
   - LED displays operation status(on or off) of air conditioner.
3. **Humidify Button**
4. **Cooling ON Button**
5. **Temperature Setting Buttons**
6. **Power ON/OFF Button**
   - Operation will start when this button is pressed, and stops when the button is pressed again.
7. **Timer Set Button**
   - Subsequent pressing of the button, changes the set time in the incremental order from 1 hr to 7 hr. If you select "0:000" the off timer function will be considered.
8. **Indoor Fan Operation Button**
9. **Electric Heater ON/OFF Button(Optional)**
10. **Soft Dry Operation Button**

15. Mechanical specifications

General
Factory assembled fully self contained, single piece design to operate up to 129°F in cooling with optional electric heater.

Unit shall be rated in accordance with ARI standard testing procedure, fully charged with R-22. Units shall be fully factory tested before shipment.

Casing
Unit casing shall be constructed of heavy gauge zinc coated, galvanized steel. The cabinet shall be exterior painted and weather resistance. The cabinet shall be designed to allow maintenance from one side only.

Unit shall have a water and air tight service panels with minimum number of screws per panel for easy servicing.

Filters
This units are shipped without air filter and it is the responsibity of the installer to provide a filter in the return air ductwork.

Compressors
LG single packaged units shall be direct drive hermetic compressor, scroll type with internal built in lubricating mechanism for all moving parts. Motor shall be suction gas cooled with internal temperature and over current sensitive motor over load, for maximum protection. Factory rubber shock mounted and internally spring isolation for sound and vibration control.

Refrigerant Circuits
Each refrigerant circuit shall have independent fixed capillary tube devices and service pressure ports, low pressure switches and refrigerant line filter factory-installed as standard.

Evaporator and Condenser Coils
Shall be aluminum plate fins, mechanically bonded to copper tubes.

Coil shall be factory tested for leakage and pressure.

Outdoor Fans
Statically and dynamically, direct drive outdoor fan in vertical discharge position. Permanently lubricated fan motors with built in thermal overload protection.

Indoor Fan
Direct drive indoor motor for all unit with forward curve centrifugal fans. All motors shall be thermally overload protected.

Controls
All units shall be capable to operate in heating and cooling by mechanical or elector-mechanical thermostat. Time delay PCB shall be provided time delay for compressor reliability.

Accessories
Electric Heaters – Constructed form Nickel Chromium elements. One stages heaters controlled by mechanical or electro-mechanical control. Heater shall have automatic reset high limit controller.

16. Appendix

Unit Conversion

Cooling Capacity

RT	Btu/h	kcal/h	W
1	12,000	3024.2	3516.7

Volume

CMM	CFM	l/s
1	35.3	16.67

Length

m	cm	mm	inch
1	100	1000	39.37

Power

HP	W	kW
1	746	0.746

Temperature

$$C = \frac{5}{9}(F - 32)$$

Where,

C is Temperature in °C

F is Temperature in °F

P/No.: 3828A20346W

Replaces 3828A20428V
3828A20346F
3828A20346G

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E00626/1

The air conditioners manufactured by LG have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.