LG
Life's Good

LG HVAC SOLUTION

MULTI V™ IV S

MULTI V™ IV S

About LG VRF Technology

Variable Refrigerant Flow is a technology introduced as a system to minimize eficiency losses and provide sustainable energy beneits. LG VRF systems are engineered to save on the cost of ducts, distribution fans, water pumps and water piping. VRF systems have a lower life cycle cost of any system on the market today.

Why LG VRF?

The beneits are numerous; modern style, mirror units for interior designers, less piping for installers and energy eficiency for owners. LG has low sound levels, so units are quiet and can be installed where sound is an issue. LG manufactured inverter compressor optimizes system energy eficiency.

Inverter Technology

With a compressor optimized around the latest inverter technology, the LG Multi V IV S system precisely matches the load. This helps prevent constant cycling and results in tight temperature control, superior dehumidiication, and optimized eficiency. Occupants stay comfortable while reducing utility costs.

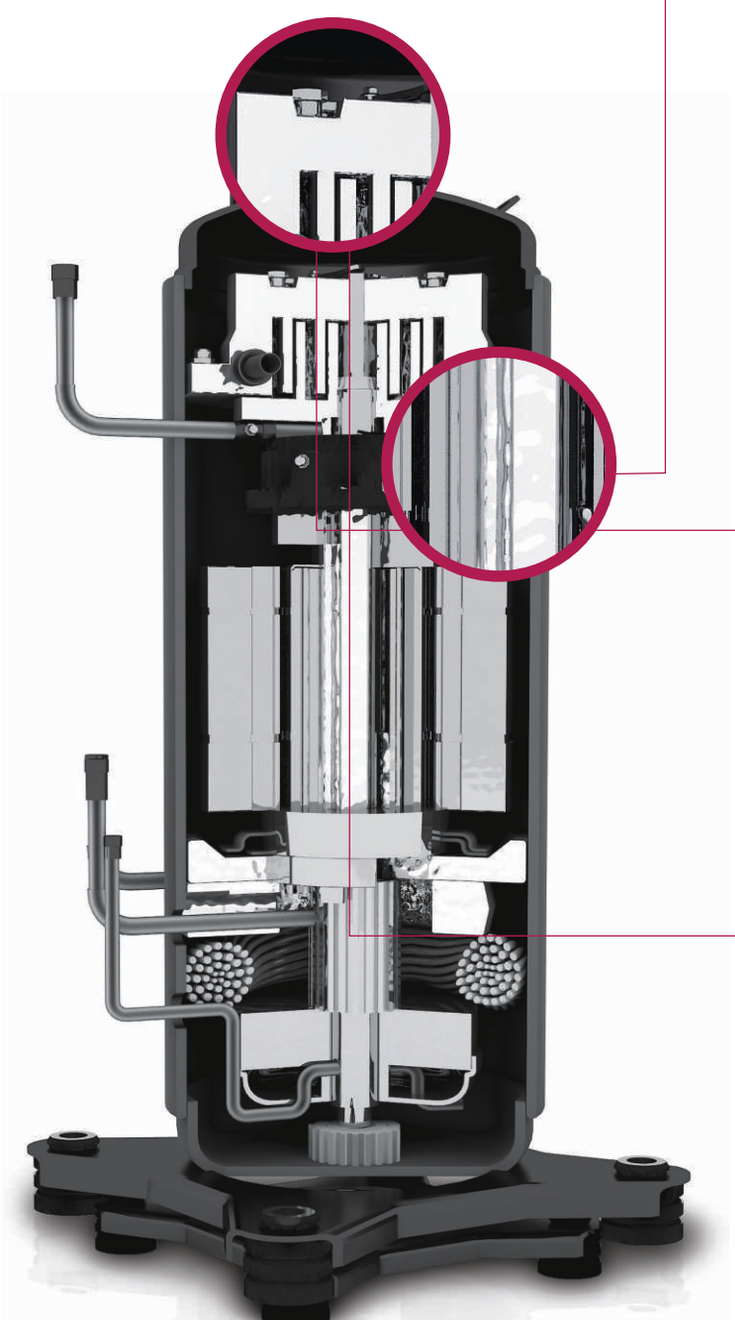
Multi V IV S Technology

This product line is LG's premiere VRF system. Multi V IV S is designed to provide the owner the beneits of VRF - lower operational costs, minimal or no duct work to install, tenant comfort with individual zoning, eficiency superior to other technologies — while maintaining architectural integrity. The beneit of zoning for heating or cooling is that it provides a level of comfort for all occupants.

EXCEPTIONAL EFFICIENCY

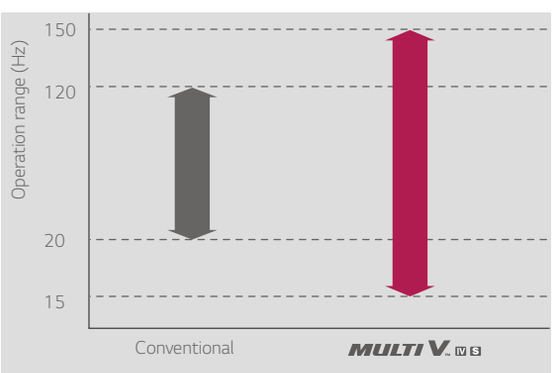
LG's 4th Generation Inverter Compressor

Multi V IV S has high eficiency inverter scroll compressor with frequency range 15Hz~150Hz.



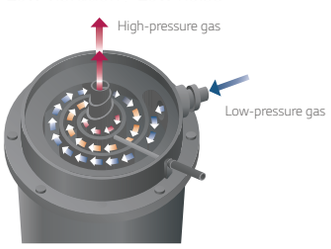
World Best Compressor Speed 150Hz

- Rapid response capability
- Compact core design(concentrated motor)
- Down to 15Hz : part load eficiency improvement



Inverter Scroll Compressor

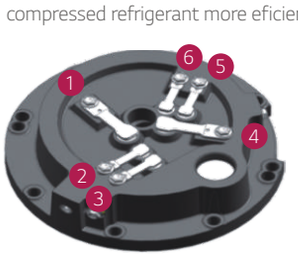
- Inverter SCROLL compressor of high eficiency
- Suitable for more than 6HP
- Low vibration / Low noise



6 By-pass Valve

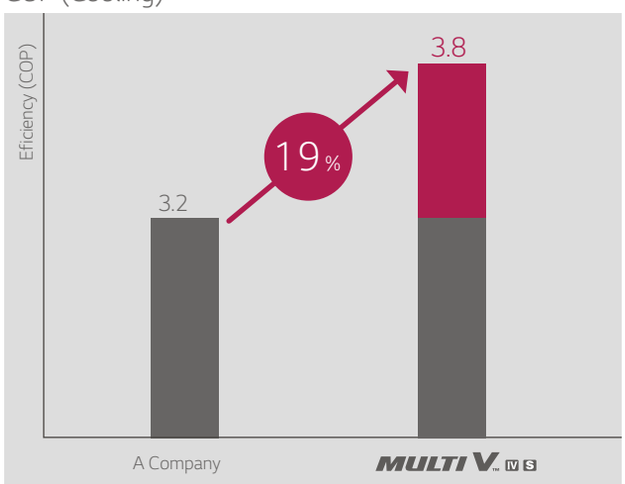
Compressor reliability is maximized with 6 By-pass Valve

- Prevent compressor damage due to excessively compressed refrigerant more eficiently than 4 by-pass valve



High Eficiency

COP (Cooling)

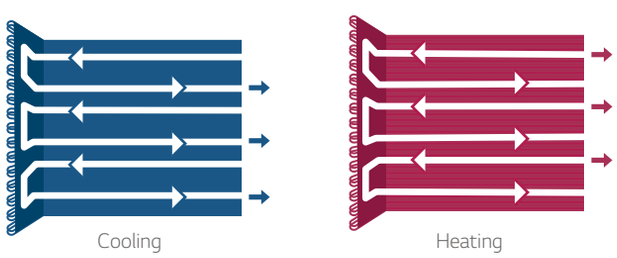


* Comparison between 8HP in cooling mode

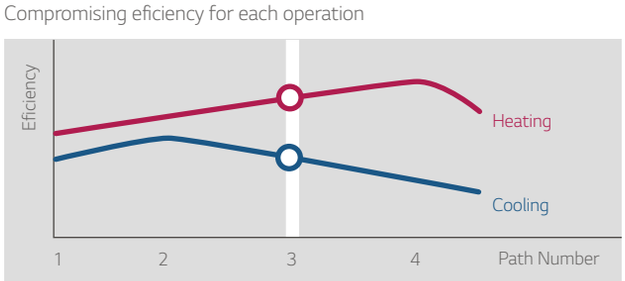
Optimal Heat Exchanger Circuit

The Optimization of heat Exchanger path has improved both heating & cooling efficiency (upto 5%)

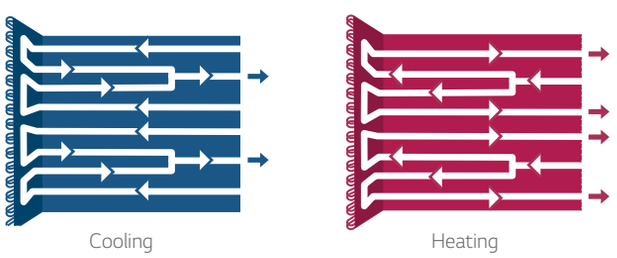
Conventional
Low efficiency for fixed refrigerant speed and path.



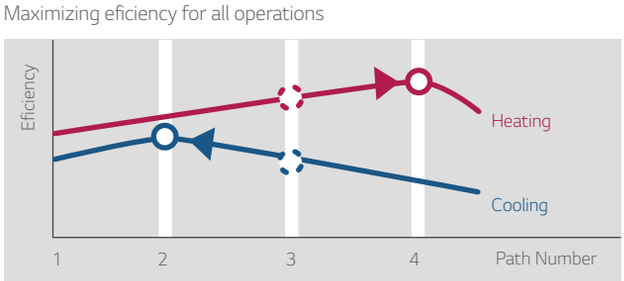
Compromising eficiency for each operation



MULTI V IV S
Optimal heating and cooling heat exchanger effective implementation without a control valve.



Maximizing eficiency for all operations

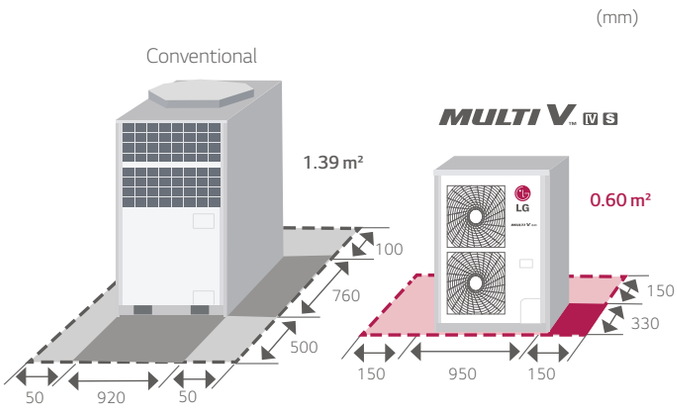


DESIGN WITHOUT LIMIT

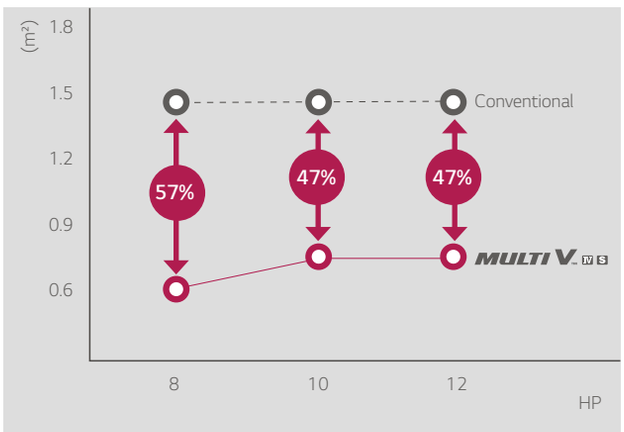
Slim Design

MULTI V IV S provides the optimal solution for small ofices and shops.

Footprint Area Comparison Including Service Area



* 8HP model comparison



Unit : m²

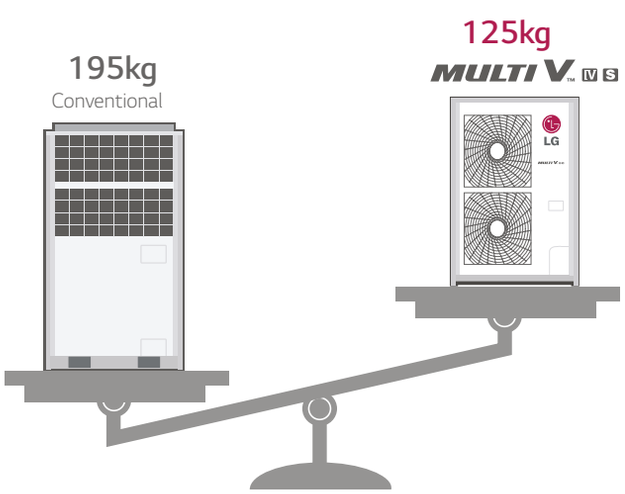
	HP	8	10	12
Footprint Area Comparison	MULTI V IV S	0.60	0.74	0.74
	Conventional	1.39	1.39	1.39

* Source : Data Book

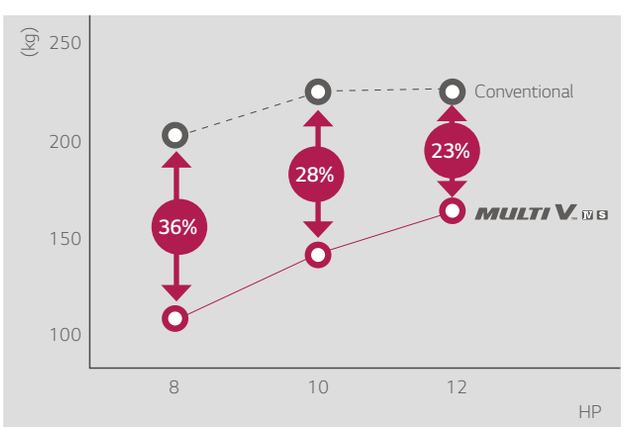
Compact Design

36% less lighter weight than conventional model.

- Less pressure on the roof
- Easier installation



* 8HP model comparison



Unit : kg

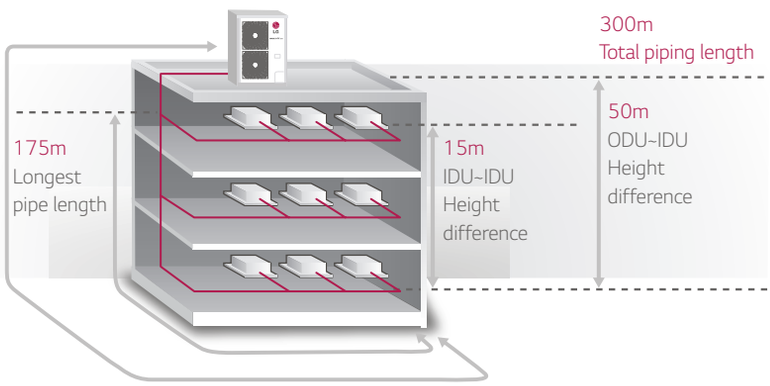
	HP	8	10	12
Footprint Area Comparison	MULTI V IV S	125	144	155
	Conventional	195	201	201

* Source : Data Book

Expanded Piping Capabilities

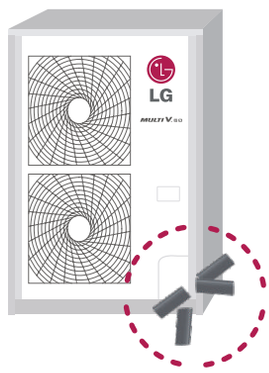
MULTI V IV S inverter technology and sub cooling control circuit technology allows greater piping length and outstanding elevation differences. A cooling system can be implemented more lexibly in a shop, ofice and even high-rise building, reducing the designer's work time and providing more eficient design.

Piping Capabilities



4 Way Piping

- Free design and installation by 4 way piping.

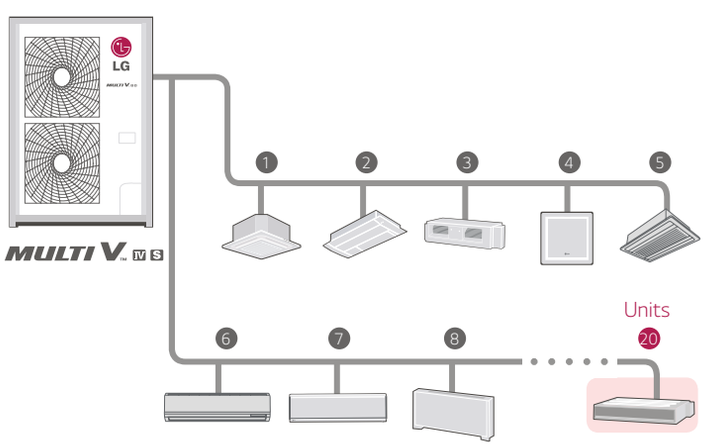


Max.20 Indoor Units Connectable

Maximum of 20 units can be connected to a single outdoor unit with 130% indoor unit combination. (Based on 12HP)

- Connectable indoor units is up to 20 units maximum.
- Indoor units combination range : 50 ~ 130%

- 4HP : Max. 6 indoor units
- 5HP : Max. 8 indoor units
- 6HP : Max. 9 indoor units
- 8HP : Max. 13 indoor units
- 10HP : Max. 16 indoor units
- 12HP : Max. 20 indoor units



* Based on 12HP model

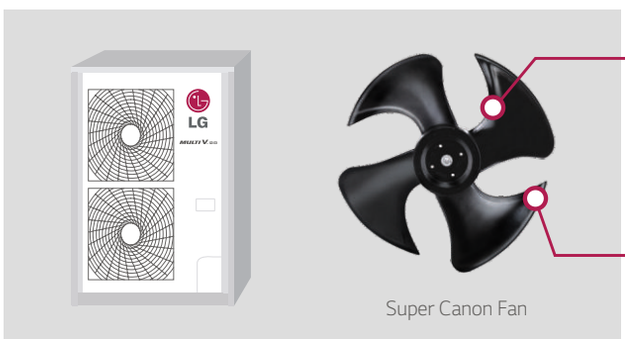
OUTSTANDING PERFORMANCE

Fan with Less Noise and Higher Air Volume

Cannon fan is applied with optimized shape of shroud, increasing air volume by 50CMM and decreasing noise level down to 4dB(A) compared to the previous value.

Cannon Fan Technology

Super canon fan increased the air volume in 50CMM and the noise level is decreased by 4dB(A).



• Grooved suction surface

- Grooved suction surface
- Exfoliation of surface

• Tip vortex suppressor

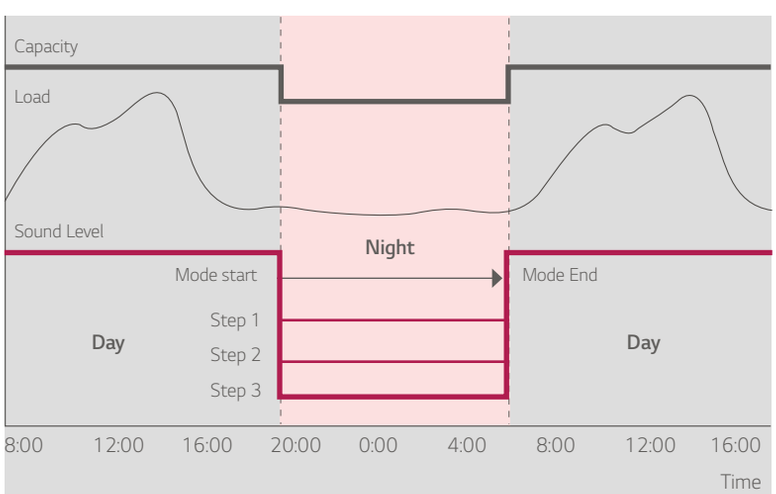
- Tip vortex suppressor
- Winglet technology used on airplanes

Silence

Low noise operation at night is possible thanks to inverter technology.

Night Silent Operation

At night mode, noise reduced maximum 14% compared to normal mode.



Detail Operation Mode

3 time mode and 3 step noise level

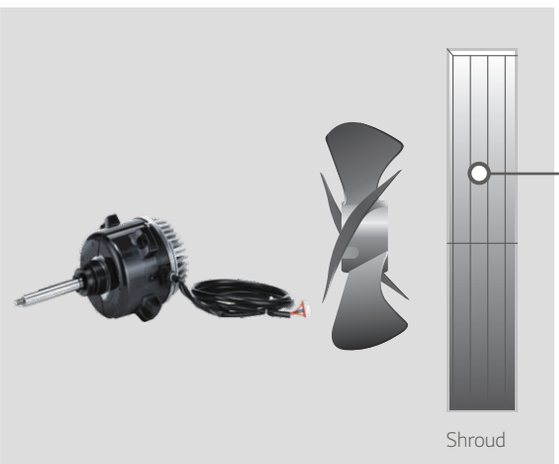
Unit : dB(A)

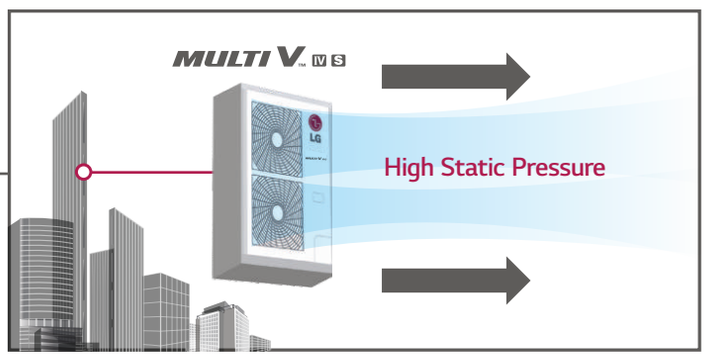
HP		8	
Day/Night		Day Nosie	Night Nosie
Step	Normal	57	57
	Step1		56
	Step2		53
	Step3		50

HP		10	
Day/Night		Day Nosie	Night Nosie
Step	Normal	58	58
	Step1		56
	Step2		53
	Step3		50

High E.S.P. Technology

Static pressure setting on the remote controller makes it easy to adjust the BLDC motor's fan speed, so it enables to maintain the desired air volume and noise level at a minimum– irrespective of external static pressure change due to different installation environment from initial design.





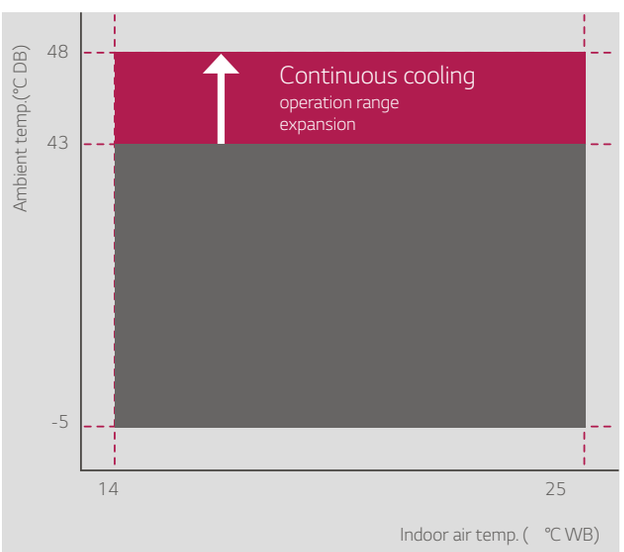
- Straight air low
  - Adopt shroud
  - High air volume fan

* E.S.P : External Static Pressure

Wide Operation Range

Thanks in large part to LG's advanced inverter compressor and unique heat exchanger design, MULTI V IV S is able to provide reliable operation even when the outside temperature soars to 48°C, exceeding the previous norm limit by 11 degrees.

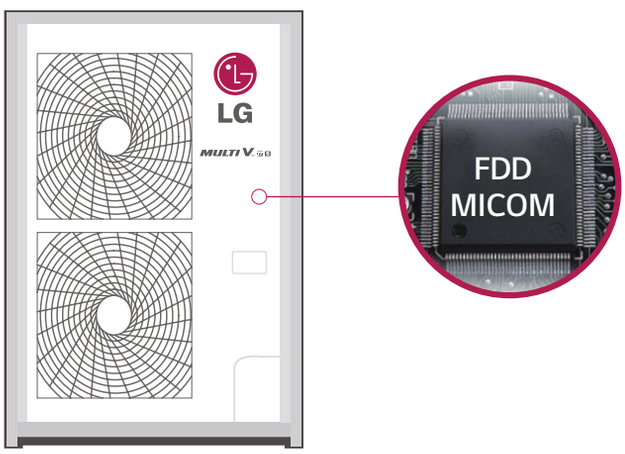
* Stable cooling operation can be expected up to 43°C



CYCLE & SERVICE OPTIMIZATION

Upgraded Fault Detection and Diagnosis

The inclusion of FDD elements - Auto start-up, auto refrigerant check, black box functionality, simultaneous evaluation, and auto refrigerant collection, provides the optimal solution for user reliability and ease of maintenance.



- Auto commissioning Mode
- Auto Refrigerant Collection
- Auto evaluation of refrigerant amount and charging
- Able to access LGMV (LG Monitoring View) by smartphone
- Black box function
- Piping & wiring error check-up

Self Cooled Control

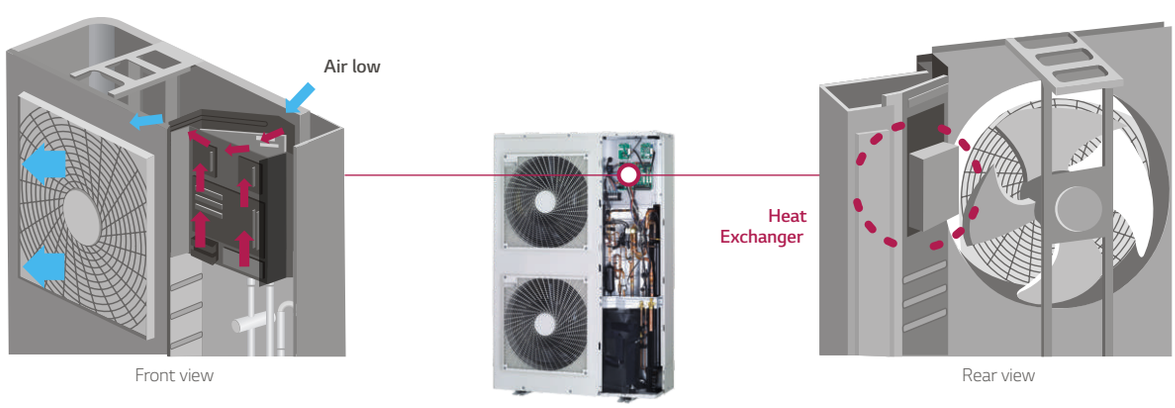
Multi V IV S has heat exchanger structure and diagonal shape of control box.(Eficiency up to 3%)

Control Box Cooling System

- Feature of control box is diagonal shape, it makes naturally air lowing(directly pulling air back of the fan)
- Reduced heating / cooling eficiency loss

Heat Exchanger Technology

- Heat exchanger structure
- Optimal air low by aluminum heat exchanger on control box.



Front view

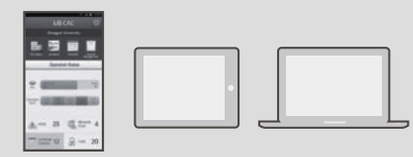
Rear view

Smartphone Control

With mobile application it is convenient to manage various indoor units. (Max. 16 indoor units)

Smartphone Control (Option)

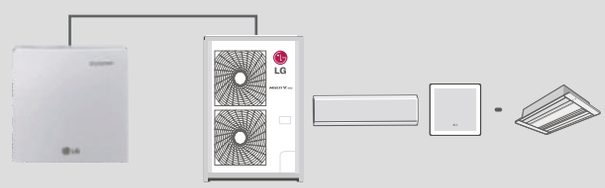
- Smartphone and Remote Control



Smartphone Pad Notebook

Monitoring
Control
Group control
Error indication
Device search

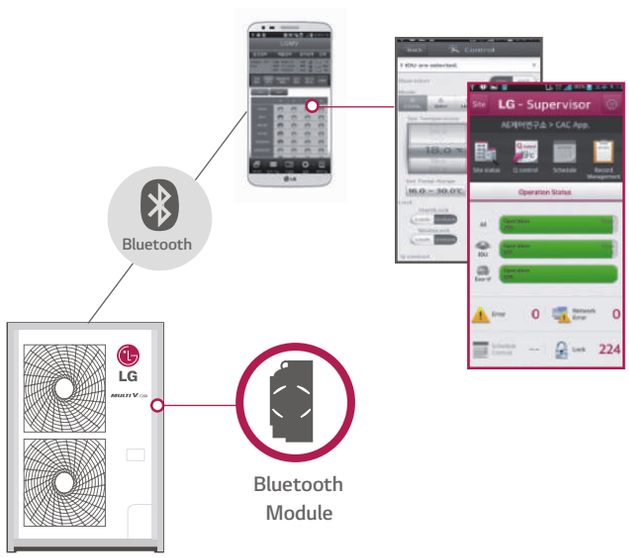
- Central Controller Site



Internet Bridge

Smartphone based LGMV (Option)

Cycle monitoring and control

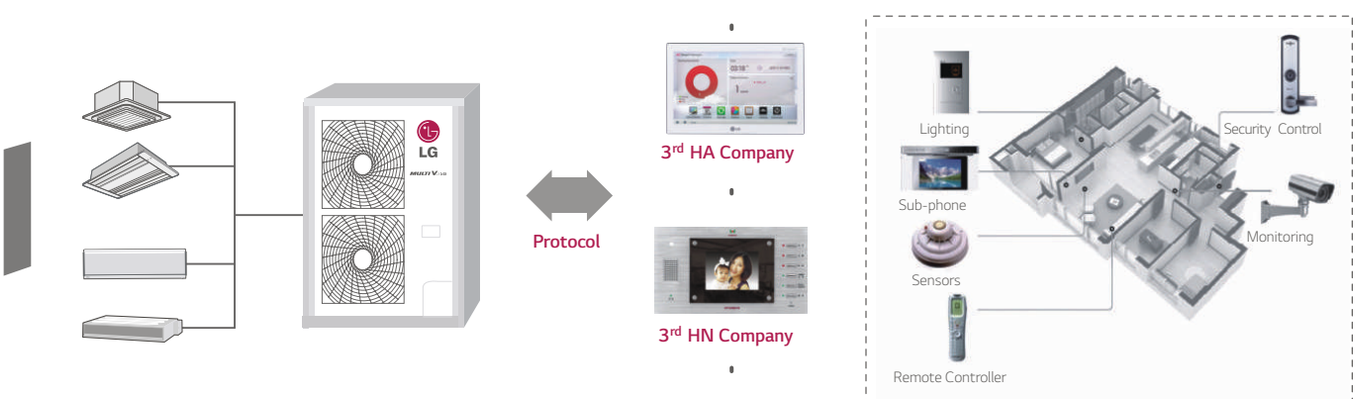


Home Network

Multi V IV S can be HN (Home Network) and HA(Home Automation) interlock into a variety of communication methods.

Variety Interlock to Local HN and HA System

- Air condition control
- Remote control service
- Safety management service



Heat Pump

			*3Ø, 380V~415V			*3Ø, 380V~415V		
HP			4	5	6	8	10	12
Model	Independent Unit		ARUN40LSLS2B	ARUN50LSLS2B	ARUN60LSLS2B	ARUN080LSS0	ARUN100LSS0	ARUN120LSS0
Capacity	Cooling	kW	11.2	14.0	15.5	22.4	28.0	33.6
	Heating	kW	12.5	16.0	18.0	25.2	31.5	37.8
Power Supply		Ø, V, Hz	3 / 380 ~ 415 / 50			3 / 380 ~ 415 / 50		
Dimensions(WxHxD)		mm	950×1380×330	950×1380×330	950×1380×330	950×1380×330	1090×1625×380	1090×1625×380
Weight		kg	107(118)	107(118)	107(118)	125	144	155
Color			Warm Gray			Warm Gray		
Noise level	Cooling	dBA±3	50	51	52	57	58	60
	Heating	dBA±3	52	53	54	57	58	60
Fan	Type		Propeller Fan			Propeller Fan		
	Air flow rate	[CMM]	110	110	110	140	190	190
Compressor	Type		BLDC INV Rotary			Hermetically Sealed Scroll		
	Number of compressors		4,000×1	4,000×1	4,000×1	4200×1	5300×1	5300×1
Heat Exchanger			Gold Fin			Gold Fin		
Refrigerant	Type		R410A			R410A		
	Charge	kg	3.0	3.0	3.0	3.5	4.5	5.5
	Control		EEV			EEV		
Refrigerant	Type		FVC68D	FVC68D	FVC68D	FVC68D	FVC68D	FVC68D
Oil	Charge	l	1,300	1,300	1,300	2400	2600	2600
Piping	Liquid Pipes	mm(inch)	ø9.52(3/8)	ø9.52(3/8)	ø9.52(3/8)	ø9.52(3/8)	ø9.52(3/8)	ø12.7(1/2)
Connections	Gas Pipes	mm(inch)	ø15.88(5/8)	ø15.88(5/8)	ø19.05(3/4)	ø19.05(3/4)	ø22.20(7/8)	ø28.58(1 1/8)
Number of outdoor unit			1	1	1	1	1	1
Number of maximum connectable indoor units			6	8	9	13	16	20
Ratio of the connectable indoor units			50~130%			50~130%		

Notes:

1. Capacities are based on the following conditions:
   - Cooling Temperature : Indoor 27°C(80.6°F) DB / 19°C(66.2°F) WB
     Outdoor 35°C(95°F) DB / 24°C(75.2°F) WB
   - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB
     Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
   - Piping Length : Interconnected Pipe Length = 5m
   - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
2. Wiring cable size must comply with the applicable local and national code.
3. Due to our policy of innovation some specifications may be changed without notification.
4. Sound Level Values are measured at Anechoic chamber.
   Therefore, these values can be increased (maximum 3dB(A)) owing to ambient conditions during opration.

Remote controller

Standard Wired Remote Controller (PQRCVSL0QW1/PQRCVCL0Q/PQRCUDS0)



Wireless Remote Controller (PQWRHQOFDB)

AC Smart premium

AC Ez

• PQCSZ250S0

ACP Standard/Premium

BMS Gateway BacNet & LonWorks®

PDI Premium

AC Manager plus

INDOOR LINE UP

kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	8.2	10.6	12.3	14.1	15.8	22.4	28.0
Btu / h	5k	7k	9k	12k	15k	18k	24k	28k	36k	42k	48k	54k	76k	96k
ART COOL Series – Gallery		■	■	■	■									
ART COOL Series – Mirror		■	■	■	■	■	■							
Wall mounted		■	■	■	■	■	■							
Ceiling Cassette – 4way Cassette (570*570)	■	■	■	■	■									
Ceiling Cassette – 4way Cassette (840*840)						■	■	■	■	■	■			
Ceiling Cassette – 2way Cassette						■	■							
Ceiling Cassette – 1 way Cassette		■	■	■		■	■							
Ceiling Concealed Duct – Low Static		■	■	■	■	■	■							
Ceiling Concealed Duct – Built-in		■	■	■	■	■	■							
Ceiling Concealed Duct – High Static		■	■	■	■	■	■	■	■	■	■	■	■	■
Fresh Air Intake Unit											■		■	■

INDOOR UNITS

Wall Mounted

Model		Unit	JRNU09GSBA2	JRNU12GSBA2	JRNU15GSBA2	JRNU18GSCA2	JRNU24GSCA2
Cooling Capacity		kW	2.8	3.6	4.5	5.6	7.1
		Btu/h	9,600	12,300	15,400	19,100	24,200
Heating Capacity		kW	3.2	4	5	6.3	8
		Btu/h	10,900	13,600	17,100	21,500	27,300
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Dimensions (WxHxD)	Body	mm	895 × 289 × 215	895 × 289 × 215	895 × 289 × 215	1,030 × 325 × 255	1,030 × 325 × 255
Net Weight		kg(lbs)	10.0 (22.0)	10.0 (22.0)	10.0 (22.0)	14.0 (30.9)	14.0 (30.9)
Noise Level (S / H / M/ L)		dBA±3	37 / 34 / 32 / 28	39 / 37 / 34 / 30	43 / 40 / 36 / 32	42 / 38 / 35 / 33	48 / 43 / 39 / 35
Air Flow Rate(S / H / M / L)		CMM	9.9 / 8.2 / 7.0 / 5.5	10.5 / 9.5 / 8.2 / 6.5	13 / 10.5 / 9.0 / 7.0	14.3 / 12.5 / 12.0 / 11.3	18.5 / 14.0 / 12.7 / 11.5
		cfm	352 / 290 / 247 / 194	371/ 336 / 290 / 230	473 / 371 / 318 / 247	510 / 441 / 424 / 399	664 / 494 / 449 / 406
Neo Plasma air purifying Filter			0	0	0	0	0
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)

Low Static

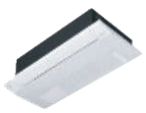
Model		Unit	JRNU09GB1G3	JRNU12GB1G3	JRNU15GB1G3	JRNU18GB2G3	JRNU24GB2G3
Cooling Capacity		kW	2.8	3.6	4.5	5.6	7.1
		Btu/h	9,600	12,300	15,400	19,100	24,200
Heating Capacity		kW	3.2	4.0	5.0	6.3	8.0
		Btu/h	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	W	30	30	30	80	80
	Heating	W	30	30	30	80	80
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Dimensions (WxHxD)	Body	mm	820 x 190 x 575	820 x 190 x 575	820 x 190 x 575	1,100 x 190 x 575	1,100 x 190 x 575
Net Weight	Body	kg(lbs)	21(46.3)	21(46.3)	21(46.3)	26(57.3)	26(57.3)
Noise Level (H / M/ L)		dBA±3	31 / 29 / 26	33 / 30 / 29	34 / 33 / 31	40 / 37 / 34	43 / 40 / 37
Air Flow Rate	(S / H / M / L)	CMM	10.5 / 9.5 / 8.5 / 7.5	11.5 / 10.5 / 9.5 / 8.5	12.5 / 11.5 / 10.5 / 9.5	19.0 / 16.0 / 14.0 / 12.0	21.0 / 19.0 / 17.0 / 15.0
		cfm	371 / 335 / 300 / 265	406 / 371 / 335 / 300	441 / 406 / 371 / 335	671 / 565 / 494 / 424	741 / 671 / 600 / 530
Neo plasma air purifying filter			-	-	-	-	-
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Internal Dia)	mm(inch)	25.4(1)	25.4(1)	25.4(1)	25.4(1)	25.4(1)

High Static

Model		Unit	JRNU28GBGA3	JRNU36GBGA3	JRNU42GBGA3	JRNU48GBRA3	JRNU54GBRA3	JRNU76GB8A3
Cooling Capacity		kW	8.2	10.6	12.3	14.1	15.8	22.4
		Btu/h	28,000	36,200	42,000	48,100	54,000	76,400
Heating Capacity		kW	9.2	11.9	13.8	15.9	18.0	25.2
		Btu/h	31,500	40,600	43,800	51,200	61,400	86,000
Power Input	Cooling	W	450	450	450	450	450	800
	Heating	W	450	450	450	450	450	800
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Dimensions (WxHxD)	Body	mm	1,182 x 298 x 450	1,182 x 298 x 450	1,182 x 298 x 450	1,230 x 380 x 590	1,230 x 380 x 590	1,562 x 460 x 688
Net Weight	Body	kg(lbs)	38.0(83.8)	38(83.8)	38(83.8)	53(117)	53(117)	87(192)
Noise Level (H / M/ L)		dBA±3	42 / 41 / 40	44 / 43 / 42	45 / 44 / 44	45 / 43 / 41	47 / 46 / 45	50 / 48 / 48
Air Flow Rate	(S / H / M / L)	CMM	28.5 / 25.9 / 24.1 / 21.8	34.5 / 32.3 / 29.0 / 25.3	37.5 / 34.5 / 32.3 / 30.7	48.5 / 44.8 / 40.6 / 33.3	54.5 / 51.0 / 44.8 / 40.6	64 / 60.0 / 50.0 / 50.0
		cfm	1005 / 915 / 851 / 770	1,217 / 1,141 / 1,024 / 894	1,323 / 1,218 / 1,141 / 1,084	1,711 / 1,582 / 1,434 / 1,176	1,923 / 1,801 / 1,582 / 1,434	2,258 / 2,119 / 1,766 / 1,766
External static pressure	Standard	mmAq	6~10	6~10	6~10	7~14	7~14	12~25
	High	mmAq	8~16	8~14	8~12	10~20	10~20	12~25
Neo Plasma air purifying filter			-	-	-	-	-	-
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø19.05(3/4)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)

INDOOR UNITS

1 Way Cassette



2 Way Cassette

			1 Way Ceiling Cassette					2Way Ceiling Cassette	
Model		Unit	ARNU07GTU*2	ARNU09GTU*2	ARNU12GTU*2	ARNU18GTT*2	ARNU24GTT*2	ARNU18GTL*2	ARNU24GTL*2
Cooling Capacity		kW	2.2	2.8	3.6	5.6	7.1	5.6	7.1
		Btu/h	7,500	9,600	12,300	19,100	24,200	19,100	24,200
Heating Capacity		kW	2.5	3.2	4.0	6.3	7.1	6.3	8.0
		Btu/h	8,500	10,900	13,600	21,500	24,200	21,500	27,300
Power Input	Cooling	W	40	40	40	70	70	70	70
	Heating	W	40	40	40	70	70	70	70
Dimensions (WxHxD)	Body	mm	860 x 132 x 450	860 x 132 x 450	860 x 132 x 450	1,180 x 132 x 450	1,180 x 132 x 450	830 x 225 x 550	830 x 225 x 550
	Front Panel	mm	1,100 x 34 x 500	1,100 x 34 x 500	1,100 x 34 x 500	1,420 x 34 x 500	1,420 x 34 x 500	1,050 x 28 x 640	1,050 x 28 x 640
Air Flow Rate	(H / M / L)	CMM	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5	13 / 12 / 10	17 / 15 / 13
		cfm	289.5 / 257.7 / 225.9	324.7 / 303.6 / 289.5	353 / 324.8 / 289.5	515.4 / 427.1 / 384.8	575.4 / 469.5 / 406	459 / 424 / 353	601 / 530 / 459
Drain Pump			o	o	o	o	o	o	o
Neo plasma filter			o	o	o	o	o	o	o
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø15.88(5/8)	Ø12.7(1/2)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)
Net Weight	Body	kg(lbs)	14.7(32.4)	14.7(32.4)	14.7(32.4)	18.7(41.23)	18.7(41.23)	22(48.5)	22(48.5)
Noise Level (H / M/ L)		dBA±3	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36	40 / 36 / 32	42 / 38 / 34
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Panel Color			White	White	White	White	White	Morning fog	Morning fog

4 Way Cassette (570x570)

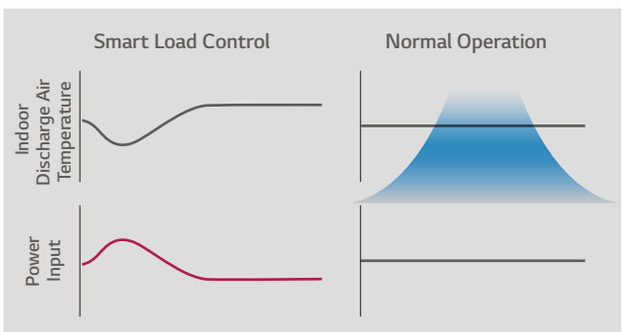
Type						
Model		Unit	ARNU07GTR*2	ARNU09GTR*2	ARNU12GTR*2	ARNU15GTQ*2
Cooling Capacity		kW	2.2	2.8	3.6	4.5
		Btu/h	7,500	9,600	12,300	15,400
Heating Capacity		kW	2.5	3.2	4.0	5.0
		Btu/h	8,500	10,900	13,600	17,100
Power Input	Cooling	W	30	30	30	30
	Heating	W	30	30	30	30
Dimensions (WxHxD)	Body	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
	Front Panel	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700
Air Flow Rate	(S / H / M / L)	CMM	8 / 7.5 / 7.0 / 6.6	10 / 8.0 / 7.5 / 7.1	11 / 8.7 / 8.0 / 7.0	12 / 11.0 / 10.0 / 9.3
		cfm	282.4 / 265 / 247 / 212	353 / 283 / 265 / 251	388 / 307 / 283 / 247	430 / 388 / 353 / 328
Neo Plasma air purifying filter			o	o	o	o
Drain Pump			o	o	o	o
Pipe Connections	Liquid Side	mm(inch)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)
Net Weight	Body	kg(lbs)	13.1(28.9)	14.2(31.3)	14.2(31.3)	15.5(34.2)
Noise Level (H / M/ L)		dBA±3	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Panel Color			Morning fog	Morning fog	Morning fog	Morning fog

4 Way Cassette (840x840)

Type								
Model		Unit	JRNU18GTP*2	JRNU24GTP*2	JRNU28GTP*2	JRNU36GTN*2	JRNU42GTM*2	JRNU48GTM*2
Cooling Capacity		kW	5.6	7.1	8.2	10.6	12.3	14.1
		Btu/h	19,100	24,200	28,000	36,200	42,000	48,100
Heating Capacity		kW	6.3	8.0	9.2	11.9	13.8	15.9
		Btu/h	21,500	27,300	31,500	40,600	43,800	51,200
Power Input	Cooling	W	30	33	33	144	144	144
	Heating	W	30	33	33	144	144	144
Dimensions (WxHxD)	Body	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
	Front Panel	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
Air Flow Rate	(S / H / M / L)	CMM	17/15/13/12	19 / 17 / 15 / 13	22 / 19 / 16 / 14	27 / 25 / 21 / 19	33 / 30 / 27 / 24	34 / 31 / 29 / 27
		cfm	600/529/459/423	670 / 600 / 529 / 459	776 / 671 / 565 / 494	952 / 883 / 742 / 671	1165 / 1059 / 954 / 848	1200 /1095 / 1024 / 954
Neo Plasma air purifying filter			o	o	o	o	o	o
Drain Pump			o	o	o	o	o	o
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)
Net Weight	Body	kg(lbs)	20.8(45.8)	20.8(45.8)	20.8(45.8)	23.5(51.8)	25.6(56.4)	25.6(56.4)
Noise Level (H / M/ L)		dBA±3	36/34/31	36 / 34 / 31	39 / 35 / 33	43 / 40 / 37	44 / 41 / 38	46 / 43 / 41
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
			1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60	1, 220, 60
Panel Color			Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog

Energy Saving

Smart Load Control



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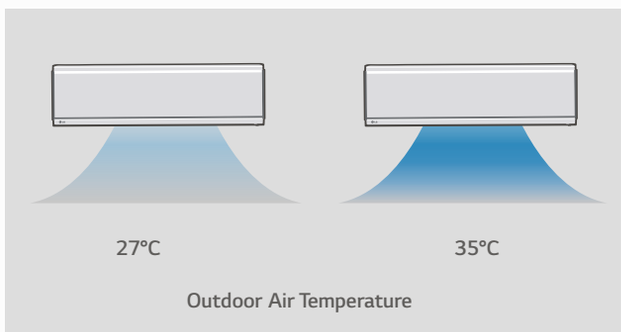
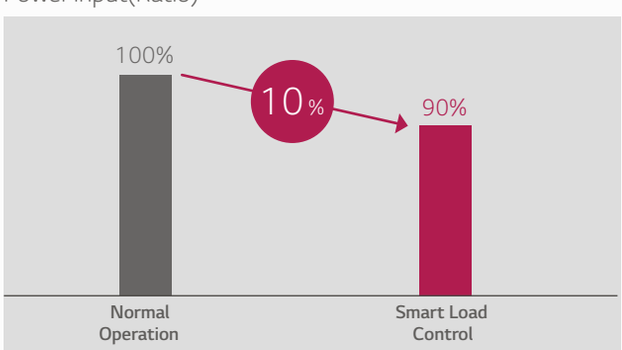
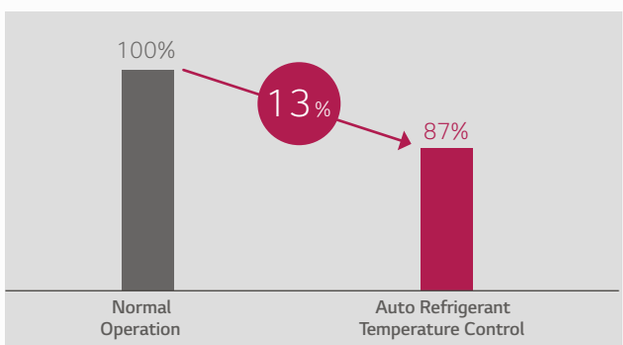
Auto Refrigerant Temperature Control



Power Input(Ratio)





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