



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 efficiency losses and provide sustainable energy benefits. 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 benefits are numerous; modern style, mirror units for interior designers, less piping for installers and energy efficiency 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 efficiency.

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 dehumidification, and optimized efficiency. Occupants stay comfortable while reducing utility costs.

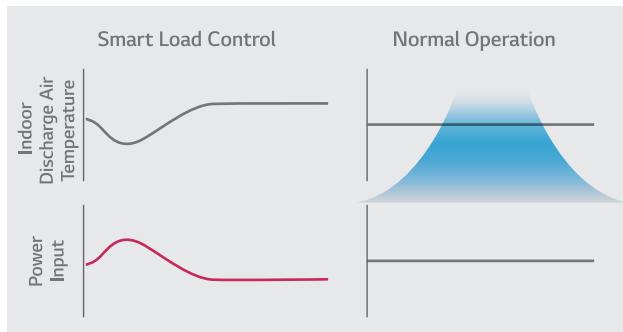
Multi V IV S Technology

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



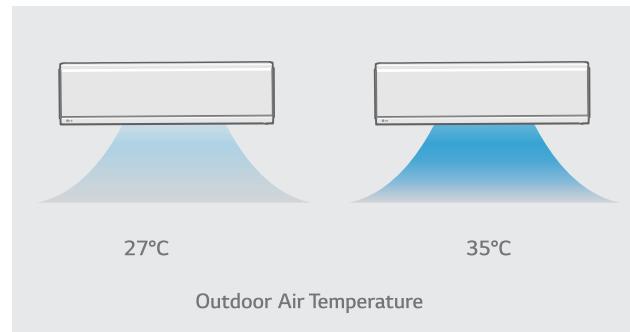
Energy Saving

Smart Load Control

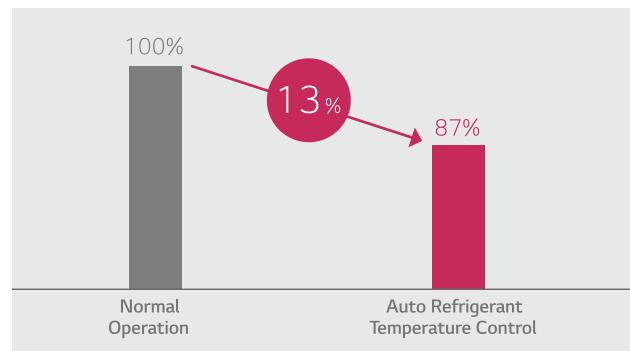
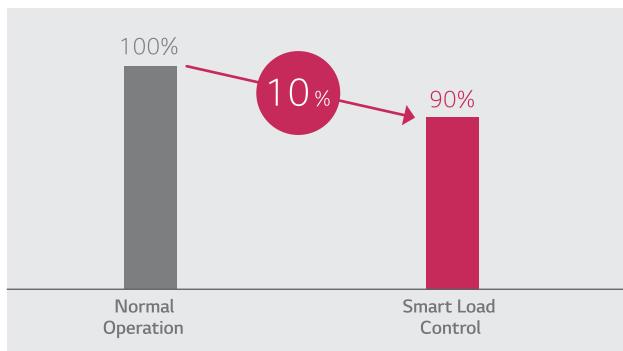


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Auto Refrigerant Temperature Control



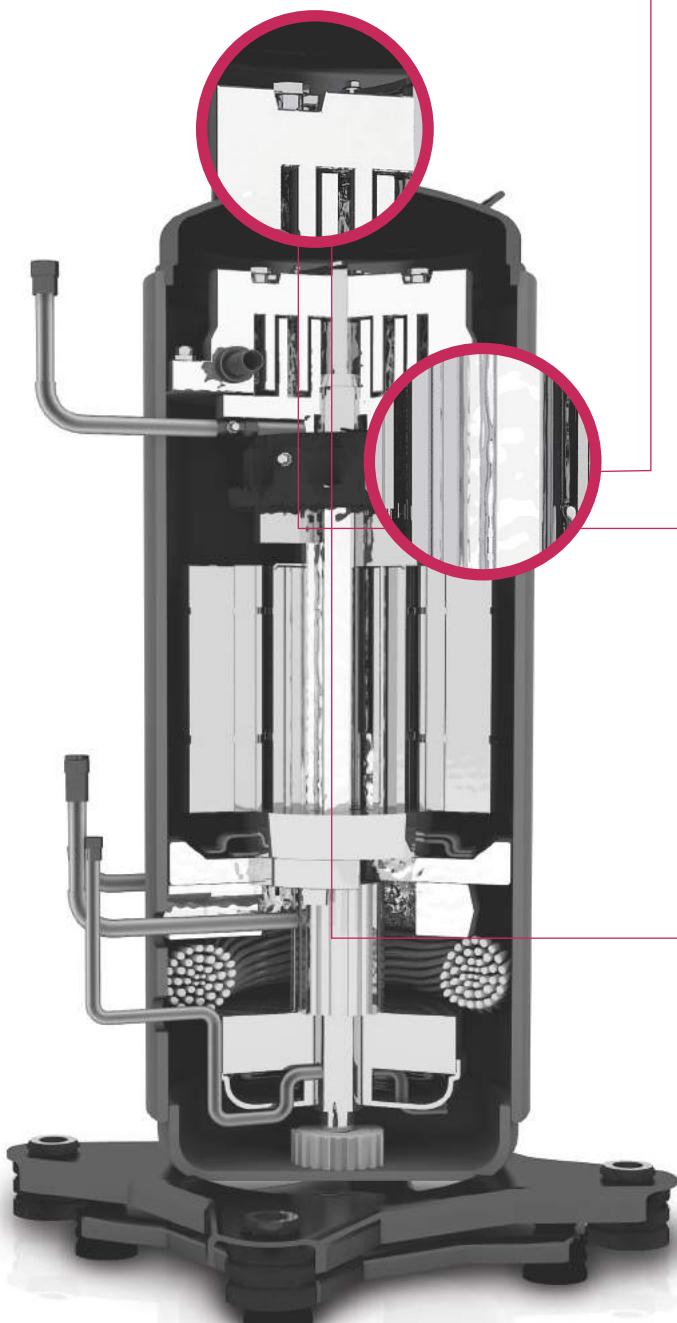
Power Input(Ratio)



EXCEPTIONAL EFFICIENCY

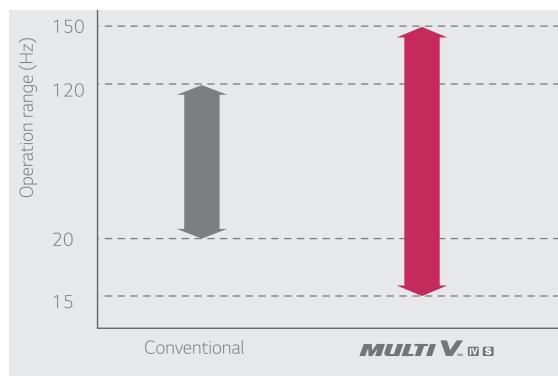
LG's 4th Generation Inverter Compressor

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



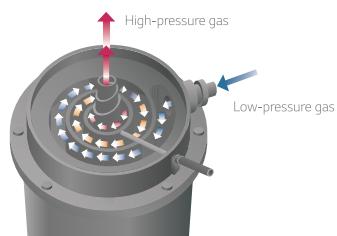
World Best Compressor Speed 150Hz

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



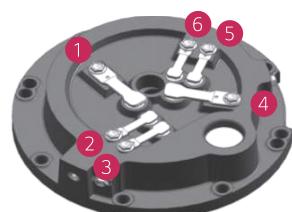
Inverter Scroll Compressor

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



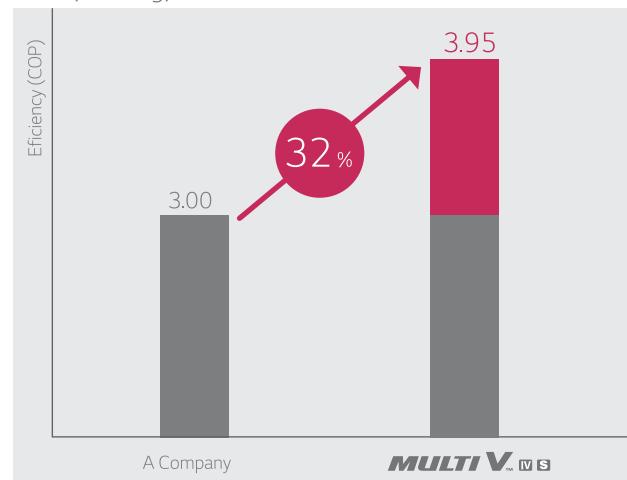
6 By-pass Valve

Compressor reliability is maximized with 6 By-pass Valve
- Prevent compressor damage due to excessively compressed refrigerant more efficiently than 4 by-pass valve



High Efficiency

COP (Cooling)



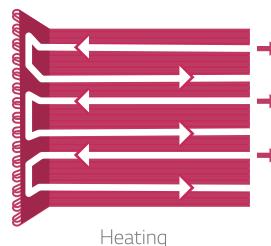
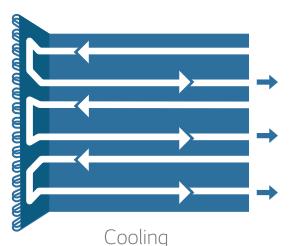
* Comparison between 10HP in cooling mode

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.

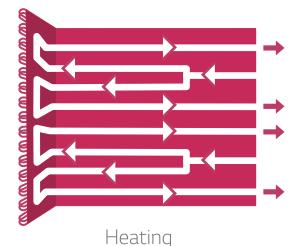
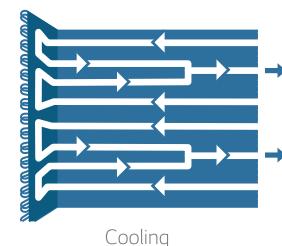


Compromising efficiency for each operation

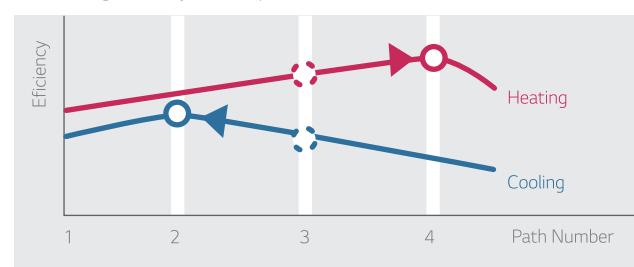


MULTI V™ VS

Optimal heating and cooling heat exchanger effective implementation without a control valve.



Maximizing efficiency for all operations

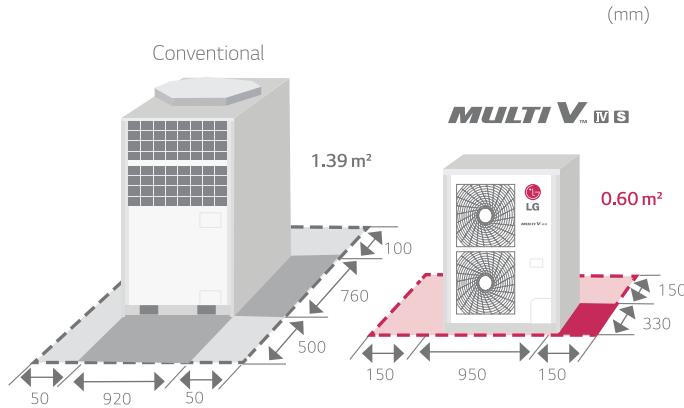


DESIGN WITHOUT LIMIT

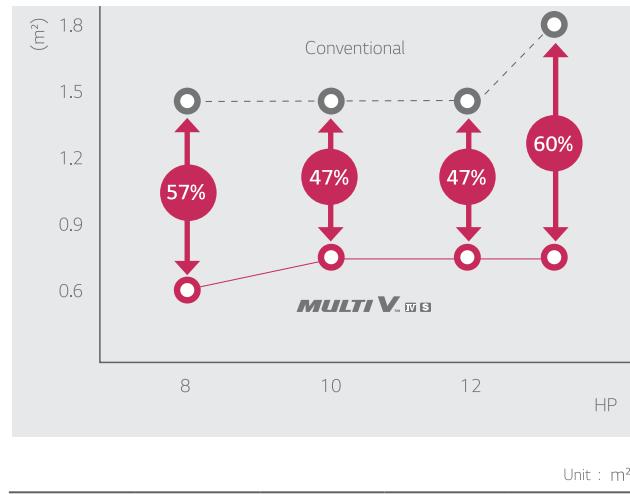
Slim Design

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

Footprint Area Comparison Including Service Area



* 8HP model comparison

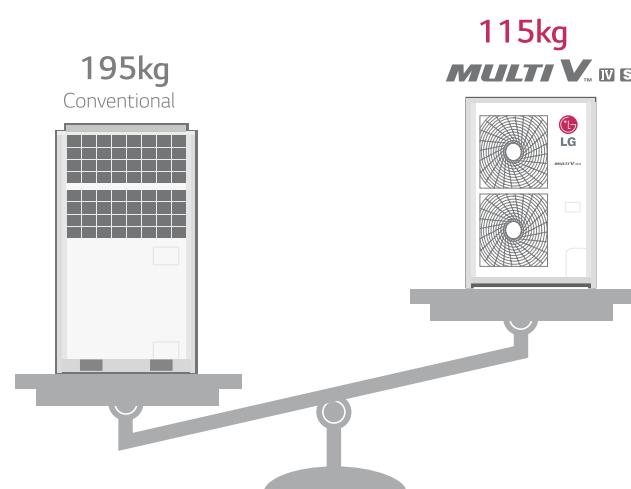


* Source : Data Book

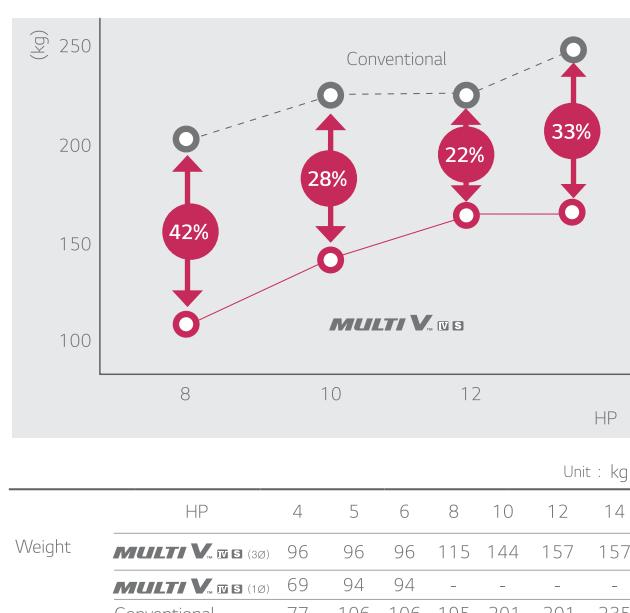
Compact Design

36% less weight than conventional model.

- Less pressure on the roof
- Easier installation



* 8HP model comparison

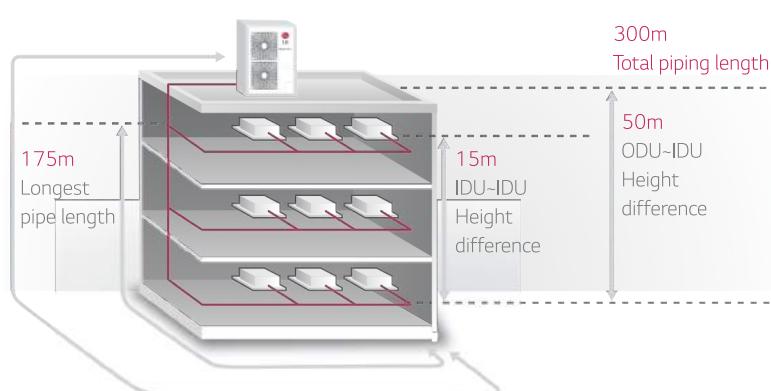


* Source : Data Book

Expanded Piping Capabilities

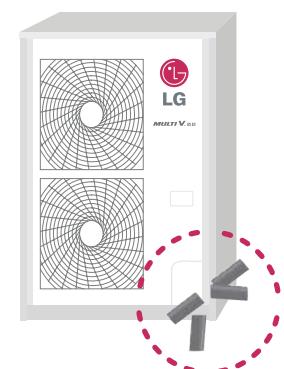
MULTI V IV S inverter technology and sub cooling control circuit technology allows greater piping length and outstanding elevation differences. A cooling system can be implemented more flexibly in a shop, office and even high-rise building, reducing the designer's work time and providing more efficient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

Piping Capabilities



4 Way Piping

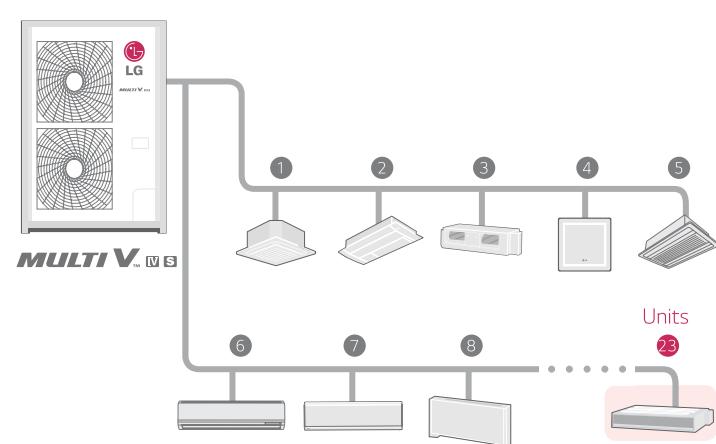
- Free design and installation by 4 way piping.



Max.23 Indoor Units Connectable

Maximum of 23 units can be connected to a single outdoor unit with 160% indoor unit combination.
(Based on 14HP)

- Connectable indoor units is up to 23 units maximum.
 - Indoor units combination range : 50 ~ 160%
- 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
- 14HP : Max. 23 indoor units



* Based on 14HP 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).

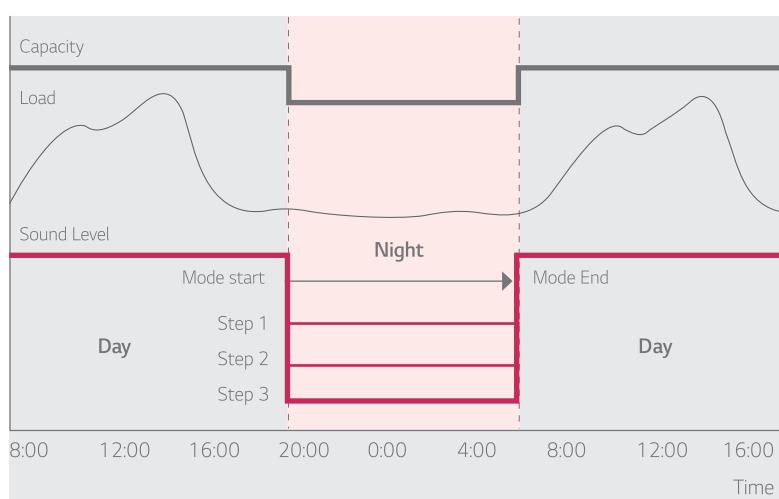


Silence

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

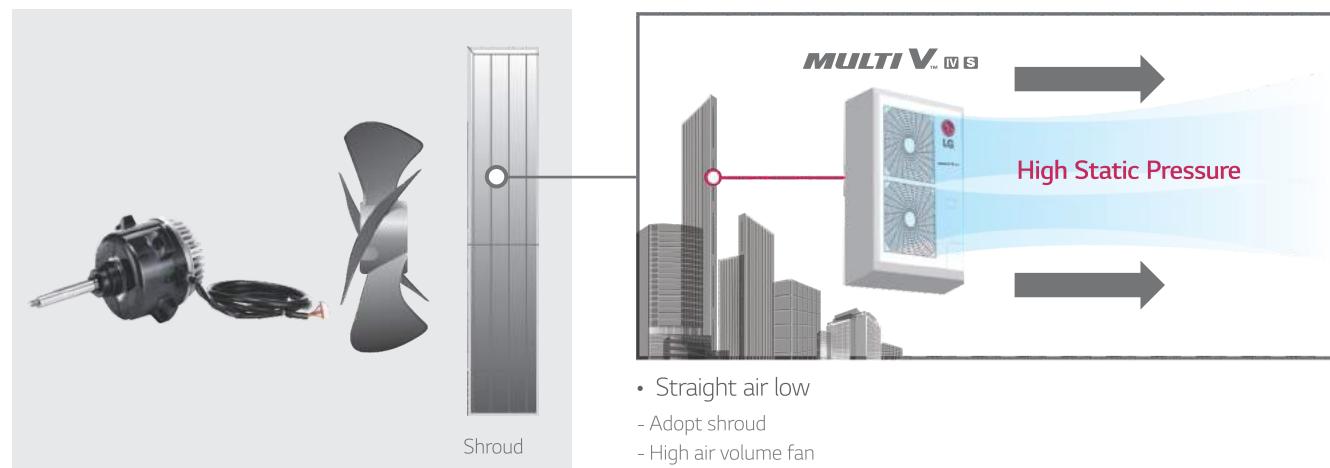
Unit : dB(A)

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

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

High E.S.P. Technology

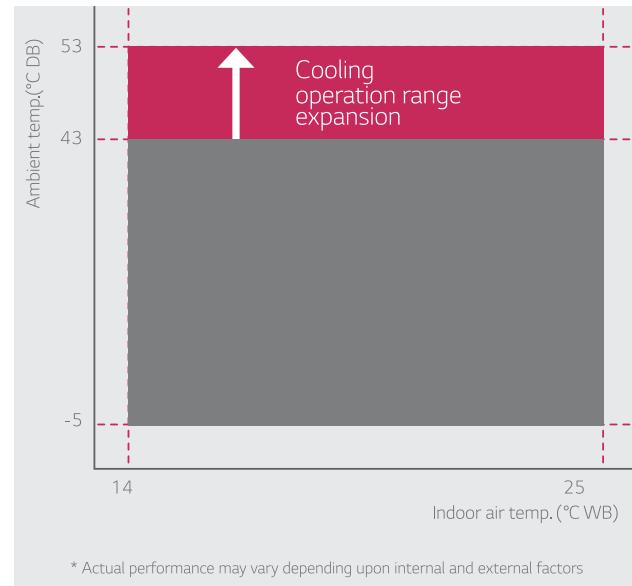
Static pressure setting on the remote controller makes it easy to adjust the BLDC motor's fan speed, so it enables to maintain the desired air volume and noise level at a minimum—irrespective of external static pressure change due to different installation environment from initial design.



* E.S.P : External Static Pressure

Wide Operation Range upto 53°C

Thanks in large part to LG's advanced inverter compressor and unique heat exchanger design, MULTI V IV S is able to operate even when the outside temperature soars to 53°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.



Self Cooled Control

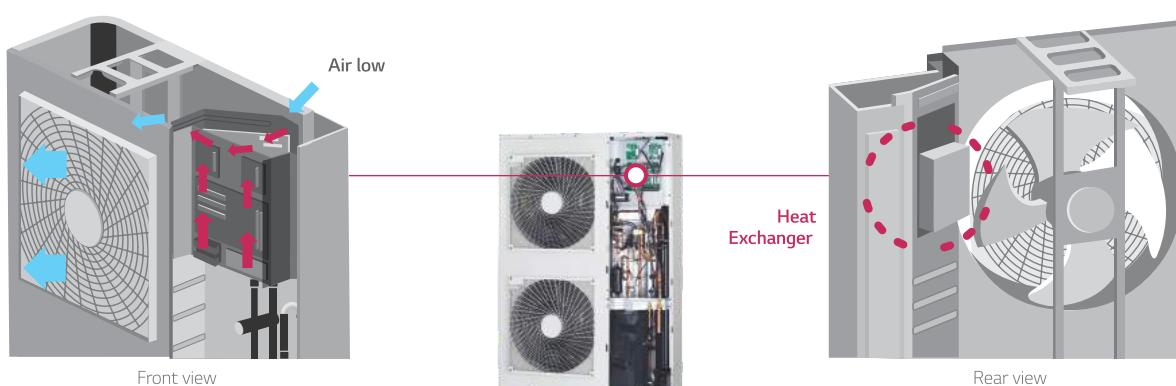
Multi V IV S has heat exchanger structure and diagonal shape of control box.(Efficiency up to 3%)

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.



Unmatched Comfort & Aesthetics

Mosquito Away



Mosquitoes are a big threat to your family's health. Also, conventional mosquito repellants could have harmful effects on humans! But now, with the unique Mosquito Away technology, LG Air Conditioners promise better protection from mosquitoes as well as superior comfort.



Performance Certificates



IIBAT
International Institute of
BIO-Technology and Toxicology



Intertek*

Protect your family from mosquito-borne diseases with India's only Air Conditioner with Mosquito Away technology. This revolutionary new technology is a result of extensive research that identified an optimal ultrasonic wave range that mosquitoes are unable to stand. The sound emitted at this frequency cannot be detected by the human ear but helps in driving mosquitoes away. Since no harmful chemicals are used, it is also odor-free.

Safety Certificates



European
Conformity



TUV NORD GROUP

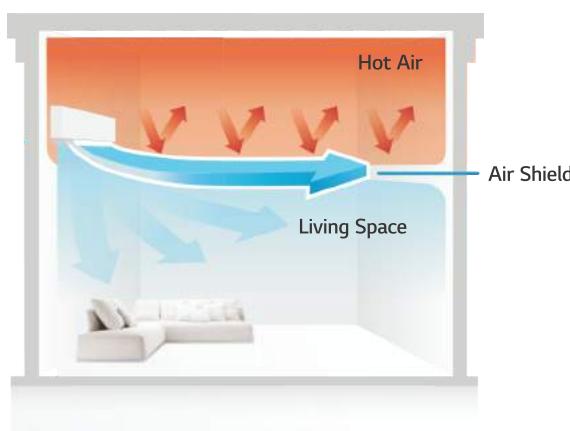


Himalaya Cool

Tired of waiting for the room to be cool enough to make you comfortable on hot summer days? LG Air Conditioners, with the all new Himalaya Cool technology, promise to cool you as soon as you switch on the air conditioner. At just the touch of a button, your living space feels as cool as the Himalayas!

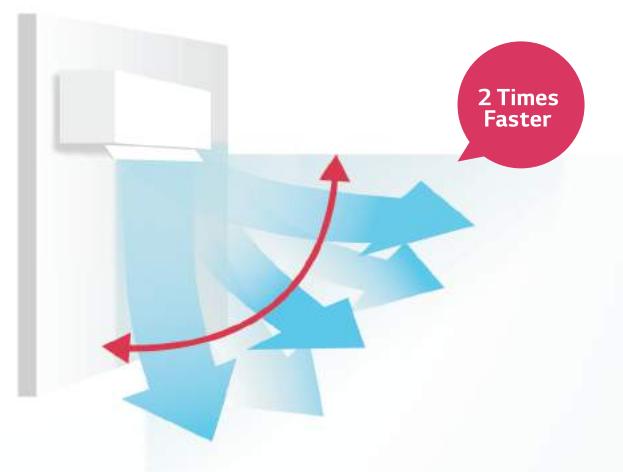
Air Shield

Delivers cool air to the living space by separating the ceiling area & living space by creating a virtual air shield. It blocks the hot air in the ceiling area from entering the living space.



Fast Vertical Swing

Powerful fan speed and two times faster louver speed disperses cool air faster for instant cooling & maximum user comfort.





Heat Pump

Specifications			10,220~240V		
Model Name	Independent Unit		ARUN040GSS0	ARUN050GSS0	ARUN060GSS0
Capacity (Rated)	Cooling kW	12.1	14.0	15.5	15.5
	Heating kW	12.5	16.0	16.0	18.0
Casing Color		Warm Gray	Warm Gray	Warm Gray	Warm Gray
Heat Exchanger		Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetic Motor Compressor
	Motor Output x Number WxNo.	4 000 x 1			
	Type	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
Fan	Motor Output x Number W	124 x 1	124 x 2	124 x 2	124 x 2
	Air Flow Rate(High) m³/min	60	110	110	110
	Drive	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side/Top	Side	Side	Side
Pipe Connections	Liquid mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)
Dimensions(WxHxD)	mm	950X834X330	950X1380X330	950X1380X330	950X1380X330
Net Weight	kg	69	94	94	94
Sound Pressure Level	Cooling dB(A)+1dB	50,0	51,0	52,0	52,0
	Heating dB(A)+1dB	52,0	53,0	54,0	54,0
Communication Cable	No. X mm ²	2C X 1,0 ~ 1,5	2C x 1,0~1,5	2C x 1,0 ~ 1,5	2C x 1,0 ~ 1,5
Refrigerant	Refrigerant name	R410A	R410A	R410A	R410A
	Control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz	220-240, 3, 50	220-240, 3, 50	220-240, 3, 50	220-240, 3, 50

Specifications			3 Ø,380~415V		
Model Name	Independent Unit		ARUN040LSS0	ARUN050LSS0	ARUN060LSS0
Capacity (Rated)	Cooling kW	12.1	14.0	15.5	22,4
	Heating kW	12.5	16,0	18,0	28,0
Casing Color		Warm Gray	Warm Gray	Warm Gray	Warm Gray
Heat Exchanger		Gold fin	Gold fin	Gold fin	Gold fin
Compressor	Type	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetically Sealed Scroll
	Motor Output x Number W x No.	4 000 x 1	4 000 x 1	4 000 x 1	4,200 x 1
	Type	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Propeller fan
Fan	Motor Output x Number W	124 x 2	124 x 2	124 x 2	124 x 2
	Air Flow Rate(High) m³/min	110	110	110	140
	Drive	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connections	Liquid mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas mm(inch)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
Dimensions(WxHxD)	mm	950X1380X330	950X1380X330	950X1380X330	950X1,380X330
Net Weight	kg	96	96	96	115 x 1
Sound Pressure Level	Cooling dB(A) +1dB	50,0	51,0	52,0	57
	Heating dB(A) +1dB	52,0	53,0	54,0	57
Communication Cable	No. X mm ²	2C X 1,0 ~ 1,5			
Refrigerant	Refrigerant name	R410A	R410A	R410A	R410A
	Control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	V, Ø, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50

Cooling only

Specifications			1 Ø,220~240V			3 Ø,380~415V		
Model Name	Independent Unit		JRUVO40GSD0	JRUVO50GSD0	JRUVO60GSD0	JRUVO140LSS0		
Capacity (Rated)	Cooling kW	11,0	15,0	17,0	-	-	-	-
	Heating kW	-	-	-	-	-	-	-
Casing Color		Warm Gray						
Heat Exchanger		Gold fin						
Compressor	Type	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetic Motor Compressor	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Motor Output x Number W x No.	2137 x 1	4 000 x 1	4 000 x 1	-	-	-	-
	Type	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Propeller fan	Propeller fan	Propeller fan
Fan	Motor Output x Number W	124 x 1	124 x 1	124 x 1	85,4 x 2	85,4 x 2	250x 2	250x 2
	Air Flow Rate(High) m³/min	60	60	60	90	90	190	190
	Drive	DC INVERTER						
	Discharge	Side / Top	Side	Side	Side	Side	Side	Side
Pipe Connections	Liquid mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12,7(1/2)	12,7(1/2)
	Gas mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)	28,58(1-1/8)	28,58(1-1/8)
Dimensions(WxHxD)	mm	950X834X330	950X834X330	950X834X330	950X1170X330	950X1170X330	1090X1625X380	1090X1625X380
Net Weight	kg	59	66	79	79	79	157	157
Sound Pressure Level	Cooling dB(A) +1dB	50,0	51,0	52,0	52,0	52,0	63	63
	Heating dB(A) +1dB	-	-	-	-	-	-	-
Communication Cable	No. X mm ²	2C X 1,0 ~ 1,5						
Refrigerant	Refrigerant name	R410A						
	Control	Electronic Expansion Valve						
Power Supply	V, Ø, Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	380-415, 3, 50	380-415, 3, 50

Notes:

- 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 = 7.5 m written in PDB also compressor section
 - Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber.
Therefore, these values can be increased (maximum 3dB(A)) owing to ambient conditions during operation.

V-NET ACCESSORIES

Remote controller

Standard Wired Remote Controller (PQRCVSL0QW1/PQRCVCLOO/PQRCUDSO) Wireless Remote Controller (PQWRHQOFDB)



AC Smart IV

AC Ez

PQCSZ250S0



ACP Standard/Premium **BMS Gateway** BacNet & LonWorks®

PDI Premium

AC Manager plus



PQCSSA21EO

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															
	Mirror															
Wall mounted																
Ceiling Cassette	4way Cassette (570*570)															
	4way Cassette (840*840)															
	2way Cassette															
	1 way Cassette															
Ceiling Concealed Duct	Low Static															
	Built-in															
	High Static															
Fresh Air Intake Unit																

INDOOR UNITS

Wall Mounted



INDIA'S
1ST AC WITH
MOSQUITO AWAY
TECHNOLOGY

* 2 : Standard, 3 : Mosquito Away

Model		Unit	JRNU09GSBA*	JRNU12GSBA*	JRNU15GSBA*	JRNU18GSCA*	JRNU24GSCA*
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	1, 220-240, 50
Dimensions (WxHxD)	Body	mm	820 × 190 × 575	820 × 190 × 575	820 × 190 × 575	1,100 × 190 × 575	1,100 × 190 × 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	JRNU96GB8A3
Cooling Capacity	kW	8.2	10.6	12.3	14.1	15.8	22.4	28	
	Btu/h	28,000	36,200	42,000	48,100	54,000	76,400	95,900	
Heating Capacity	kW	9.2	11.9	13.8	15.9	18.0	25.2	31.5	
	Btu/h	31,500	40,600	43,800	51,200	61,400	86,000	107,500	
Power Input	Cooling	W	450	450	450	450	450	800	800
	Heating	W	450	450	450	450	450	800	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	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	1, 220, 60
Dimensions (WxHxD)	Body	mm	1,182 × 298 × 450	1,182 × 298 × 450	1,182 × 298 × 450	1,230 × 380 × 590	1,230 × 380 × 590	1,562 × 460 × 688	1,562 × 460 × 688
Net Weight	Body	kg(lbs)	38.0(83.8)	38(83.8)	38(83.8)	53(117)	53(117)	87(192)	87(192)
Noise Level (H / M / L)	dBA±3	29 / 25 / 23	33 / 31 / 28	36 / 33 / 30	38 / 36 / 34	39 / 37 / 35	45 / 41 / 40	47 / 42 / 41	
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	76 / 72.0 / 64.0 / 64.0
		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	2,682 / 2,542 / 2,260 / 2,260
External static pressure	Standard	mmAq(Pa)	6~10	6~10	6~10	7~14	7~14	12~25	12~25
	High	mmAq(Pa)	8~16	8~14	8~12	10~20	10~20	12~25	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)	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)	Ø22.2(7/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)	25(1)

INDOOR UNITS

1 Way Cassette



2 Way Cassette



* A : Basic, C : Plasma

Type	1 Way Ceiling Cassette						2 Way 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	70	70	70	70
	Heating	W	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
	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
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
		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
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)	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)
	Drain Pipe(Internal Dia.)	mm(inch)	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)
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
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
Panel Color		White	White	White	White	White	Morning fog	Morning fog

4 Way Cassette (570x570)



(840x840)



* A : Basic, C : Plasma

Model	Unit	ARNU07GTR*2	ARNU09GTR*2	ARNU12GTR*2	ARNU15GTQ*2	JRNU09GTPA2	JRNU12GTPA2	JRNU15GTPA2
Cooling Capacity	kW	2.2	2.8	3.6	4.5	2.8	3.6	4.5
	Btu/h	7,500	9,600	12,300	15,400	9,600	12,300	15,400
Heating Capacity	kW	2.5	3.2	4.0	5.0	3.2	4.0	5.0
	Btu/h	8,500	10,900	13,600	17,100	10,900	13,600	17,100
Power Input	Cooling	W	30	30	30	30	30	30
	Heating	W	30	30	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	840 x 204 x 840	840 x 204 x 840
	Front Panel	mm	700 x 22 x 700	950 x 25 x 950	950 x 25 x 950			
Air Flow Rate	(S / H / M / L)	CMM	8 / 7.5 / 7.0 / 6.4	10 / 8.0 / 7.5 / 7.1	11 / 8.7 / 8.0 / 7.0	12 / 11.0 / 10.0 / 9.3	8.0 / 7.5 / 7.1	8.7 / 8.0 / 7.0
		cfm	282 / 265 / 247 / 212	353 / 283 / 265 / 251	388 / 307 / 283 / 247	430 / 388 / 353 / 328	283 / 265 / 251	307 / 283 / 247
Neo Plasma air purifying filter		o	o	o	o	o	o	o
Drain Pump		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)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	Ø12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	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)	20.8(45.8)	20.8(45.8)
Noise Level (H / M / L)		dBA±3	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	34 / 32 / 30	35 / 33 / 31
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
Panel Color		Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog

4 Way Cassette (840x840)



* A : Basic, C : Plasma

Model	Unit	JRNU18GTP*2	JRNU24GTP*2	JRNU28GTP*2	JRNU36GTP*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	144	144	144	
	Heating	W	30	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 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	
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	
		cfm	600/529/459/423	670 / 600 / 529 / 459	776 / 671 / 565 / 494	952 / 883 / 742 / 671	1165 / 1059 / 954 / 848	
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, 220-240, 50
Panel Color		Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog	Morning fog

* The performance data is based on High/Med/Low air flows.

O : Applied



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