



SYSTEM  
AIR CONDITIONING

DISCOVER THE  
POWER OF THE MOST  
ENERGY EFFICIENT  
SYSTEM.



**MULTI V.5**



TEMPERATURE  
SENSOR



HUMIDITY  
SENSOR



DUAL  
SENSING  
CONTROL

LG SAC CUSTOMER CARE

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To know more about LG, visit www.lg.com/in/business/air-solution. For Corporate/Institutional enquiries, please write to sac.marketing@lge.com



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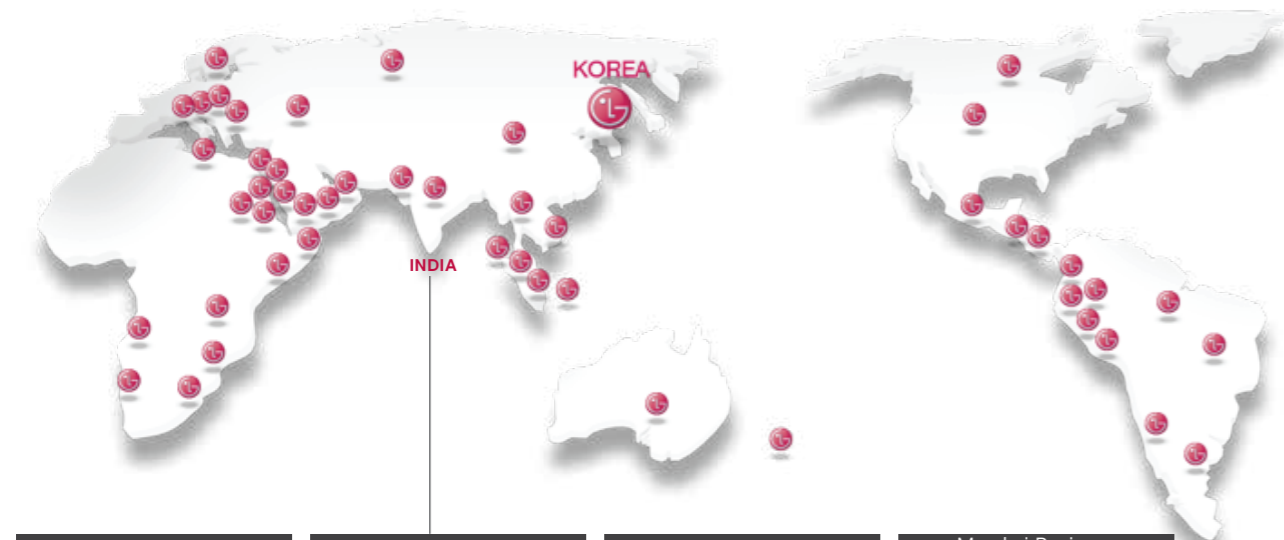
Life's Good.

## ABOUT LG

The LG Electronics Air Solution Business Unit is a provider of total HVAC and energy solution. The company offers a broad portfolio of air conditioner products that are compatible with any building anywhere, including compact residences, towering skyscrapers, massive factories and giant concert halls. As a true total HVAC and energy solution provider, LG also supplies even the largest buildings and industrial facilities with central air conditioning systems such as chillers and efficient control solutions.

The history of the business unit goes back to 1968, when LG (then called GoldStar) rolled out Korea's first residential air conditioner. As the company first began making chillers for large commercial buildings in 1970, the commercial air conditioning business has grown exponentially, especially within the last 20 years. In 2008, LG sold its 100 millionth air conditioning unit, becoming the first company in the industry to reach that significant milestone. The success of LG air conditioners has allowed the company to become one of the major players in the highly competitive HVAC industry. By enhancing the industry's B2B infrastructure and finding further solutions for the HVAC sector, LG has risen to become a total HVAC solutions specialist. The company has steadily increased its sales and market share by introducing energy efficient and reliable HVAC solutions and actively pursuing new opportunities wherever they arise. This sustained, excellent performance is built on a solid foundation of global R&D and advanced manufacturing capabilities.

## GLOBAL PRESENCE






## NABL CERTIFIED VRF TEST BED



A fully automatic psychrometric lab in compliance with AHRI / IS standards accredited by NABL .

## BENEFITS OF LG MULTI V

### BENEFITS FOR BUILDING OWNERS

-  Efficient Management & Cost Reduction
-  Reliability Guaranteed in Every Aspect
-  Customized Comfort and Solution



### BENEFITS FOR DEVELOPERS / CONSTRUCTION COMPANIES

-  Green Solutions
-  Maximizing Space Utilisation
-  Smart Building Solutions






### BENEFITS FOR CONSULTANTS

-  Versatile Solutions
-  Professional Designing Support
-  Optimised Comfort in HVAC Designing



### BENEFITS FOR END-USERS

-  Operation Cost Saving
-  Comfortable Cooling & Heating
-  Convenient Functions


















\* Dual Sensing Smart Load Control based, below 50% humidity, model ARUN260LTE5





# INDOOR UNITS LINE-UP

		kW																		
		1.5	2.2	2.8	3.2	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	13.5	14.1	15.8	18.0	22.4	28.0
Type	Btu/h	5k	7k	9k	11k	12k	15k	18k	21k	24k	28k	30k	36k	42k	45k	48k	54k	60k	76k	96k
4 <sup>th</sup> generation Wall Mounted	Standard 			●		●	●	●		●		●	●							
	Round Cassette 									●		●				●				
	4 Way Cassette (570 x 570) 	●	●	●		●	●	●	●											
4 <sup>th</sup> generation Ceiling Mounted Cassette	4 Way Cassette (840 x 840) 			●		●	●	●		●		●	●			●	●			
	2 Way Cassette 			●		●		●		●										
	1 Way Cassette 	●	●			●		●		●										
4 <sup>th</sup> generation Ceiling Concealed Duct	High Static 		●	●		●	●	●		●	●		●	●		●	●		●	●
	Low Static 			●		●	●	●		●										
4 <sup>th</sup> generation Fresh Air Intake 																		●	●	
4 <sup>th</sup> generation Floor Standing	Floor Standing 																			●
	Medium Temperature 														●					●
4 <sup>th</sup> generation HYDRO KIT	High Temperature 																			●
	ERV Without DX Coil 	●		●		●				●	●				●			●		
4 <sup>th</sup> generation Energy Recovery Ventilator with DX Coil	With Humidifier 					●				●	●									
	ERV With DX Coil									●	●									
	Without Humidifier 					●				●	●									

※ If 4<sup>th</sup> generation indoor units are combined to 2<sup>nd</sup> generation indoor units, several functions are not available. More detailed information, refer to the "MULTI V Indoor units Compatibility Table"

# INDOOR UNITS FEATURE OVERVIEW

Energy Monitoring	2 Set Point	Occupied / Unoccupied Scheduling Function	Group Control	Test Run (Cooling)	Test Run (Heating)	Model Information Monitoring	Auto Addressing	Refrigerant Leakage Detection	Thermo On / Off Range Setting (Cooling)	Thermo On / Off Range Setting (Heating)	Static Pressure 11 Step Control (Only for Ceiling Concealed Duct Type)	1 Point External Input (On / Off Control)	Filter Sign (Remaining Time)	Auto Restart Function Disable / Enable	Wi-Fi Ready
●	●	●	●	●	●	●	●	●	●	●		●	●	●	▲*
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
●	●	●	●	●	●	●	●	●	●	●		●	●	●	●

\* 30k, 36k model, Wi-Fi module is embedded

# MULTI V 5 SPECIFICATIONS



## HIGH EFFICIENCY HEAT PUMP

JRUN080LTE5 / JRUN100LTE5  
JRUN120LTE5 / JRUN140LTE5

HP				8	10	12	14
Model Name	Combination Unit			JRUN080LTE5	JRUN100LTE5	JRUN120LTE5	JRUN140LTE5
	Independent Unit			JRUN080LTE5	JRUN100LTE5	JRUN120LTE5	JRUN140LTE5
Capacity	Cooling	kW		22.4	28	33.6	39.2
		kcal/h		19,300	24,100	28,900	33,700
		Btu/h		76,400	95,500	114,600	133,800
Capacity	Heating	kW		22.4	28	33.6	39.2
		kcal/h		19,300	24,100	28,900	33,700
		Btu/h		76,400	95,500	114,600	133,800
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	
Heat Exchanger			Black Fin	Black Fin	Black Fin	Black Fin	
Compressor	Type		LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	
	Starting Method		DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	
	Number of Compressors		1	1	1	1	
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	
	Motor Output x Number	W	900 x 1	900 x 1	900 x 1	900 x 1	
	Air Flow Rate(High)	m3/min	210	210	210	210	
	Drive		DC Inverter	DC Inverter	DC Inverter	Inverter	
Pipe Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)	
	Gas	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)	
Operation Range	Cooling	°C (°F)	-5 - 53 (23 ~ 127)	-5 - 53 (23 ~ 127)	-5 - 53 (23 ~ 127)	-5 - 53 (23 ~ 127)	
	Heating	°C (°F)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	
Dimensions(W x H x D)		mm	(920 x 1,680 x 760)	(920 x 1,680 x 760)	(920 x 1,680 x 760)	(920 x 1,680 x 760)	
Weight	Net Weight	kg	177	177	184	186	
	Shipping Weight	kg	184	184	184	193	
Sound Pressure Level	Cooling	dB(A)	58.5	58.5	59	60	
Communication Cable		mm2 x No. (VCTF-SB)	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A	
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply		∅, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	
Number of maximum connectable Indoor Units			13(20)	16(25)	20(30)	23(35)	
Maximum Indoor Unit Combination Ratio*			200%	200%	200%	200%	



## HIGH EFFICIENCY HEAT PUMP

JRUN160LTE5 / JRUN180LTE5  
JRUN200LTE5 / JRUN220LTE5

HP				16	18	20	22
Model Name	Combination Unit			JRUN160LTE5	JRUN180LTE5	JRUN200LTE5	JRUN220LTE5
	Independent Unit			JRUN160LTE5	JRUN180LTE5	JRUN200LTE5	JRUN220LTE5
Capacity	Cooling	kW		44.8	50.4	56	61.6
		kcal/h		38,500	43,300	48,200	53,000
		Btu/h		152,900	172,000	191,100	210,200
Capacity	Heating	kW		44.8	50.4	56	61.6
		kcal/h		38,500	43,300	48,200	53,000
		Btu/h		152,900	172,000	191,100	210,200
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	
Heat Exchanger			Black Fin	Black Fin	Black Fin	Black Fin	
Compressor	Type		LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	
	Starting Method		DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	
	Number of Compressors		1	2	2	2	
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	
	Motor Output x Number	W	1,500 x 1	1,500 x 1	1,500 x 1	1,500 x 1	
	Air Flow Rate(High)	m3/min	270	270	270	270	
	Drive		DC Inverter	DC Inverter	DC Inverter	DC Inverter	
Pipe Connections	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	

HP				16	18	20	22
Operation Range	Cooling	°C (°F)		-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)
	Heating	°C (°F)		-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)
Dimensions (WxHxD)	mm			1,240x1,680x760	1,240x1,680x760	1,240x1,680x760	1,240x1,680x760
	Weight			200	247	257	257
Weight	Net Weight	kg		200	247	257	257
	Shipping Weight	kg		208	255	265	265
Sound Pressure Level	Cooling	dB(A)		62	62	62	62
	Communication Cable	mm2xNo. (VCTF-SB)		1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant name			R410A	R410A	R410A	R410A
	Control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		∅, V, Hz		3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Number of maximum Connectable Indoor Units				26(40)	29(45)	32(50)	35(44)
Maximum Indoor Unit Combination Ratio*				200%	200%	200%	200%



## HIGH EFFICIENCY HEAT PUMP

ARUN240LTE5 / ARUN260LTE5

HP				24	26
Model Name	Combination Unit			ARUN240LTE5	ARUN260LTE5
	Independent Unit			ARUN240LTE5	ARUN260LTE5
Capacity	Cooling (Rated)	kW		67.2	72.8
		kcal/h		57,800	62,600
	Heating (Rated)	Btu/h		229,300	248,400
		kW		74.3	74.3
	kcal/h		63,900	63,900	
	Btu/h		253,500	253,500	
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	
Heat Exchanger			Black Fin	Black Fin	
Compressor	Type		LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	
	Starting Method		DC Inverter Starting	DC Inverter Starting	
	Number of Compressors		2	2	
Fan	Type		Axial Flow Fan	Axial Flow Fan	
	Motor Output x Number	W	900 x 2	900 x 2	
	Air Flow Rate(High)	m3/min	320 x 1	320 x 1	
	Drive		DC Inverter	DC Inverter	
Pipe Connections	Liquid Pipe	mm(inch)	15.88(5/8)	19.05(3/4)	
	Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)	
Operation Range	Cooling	°C (°F)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	
	Heating	°C (°F)	-20 ~ 18 (-4 ~ 64)	-20 ~ 18 (-4 ~ 64)	
Dimensions(W x H x D)		mm	1,240 x 1,690 x 760	1,240 x 1,690 x 760	
Weight	Net Weight	kg	276	276	
	Shipping Weight	kg	290	290	
Sound Pressure Level	Cooling	dB(A)	67	67	
Communication Cable		mm2 x No. (VCTF-SB)	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	
Refrigerant	Refrigerant name		R410A	R410A	
	Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply		∅, V, Hz	3,380~415, 50	3,380~415, 50	
Number of maximum Connectable Indoor Units			39(61)	42(64)	
Maximum Indoor Unit Combination Ratio*			200%	200%	

Note : 1. Due to our policy of innovation some specifications may be changed without notification.

- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
  - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- This product contains Fluorinated greenhouse gases. [R410A, GWP(Global warming potential) = 2,087.5]

\* The recommended ratio is 130%.

## HIGH EFFICIENCY COOLING ONLY



JRUV080LTE5 / JRUV100LTE5  
JRUV120LTE5 / JRUV140LTE5

HP			8	10	12	14
Model Name	Combination Unit		JRUV080LTE5	JRUV100LTE5	JRUV120LTE5	JRUV140LTE5
	Independent Unit		JRUV080LTE5	JRUV100LTE5	JRUV120LTE5	JRUV140LTE5
Capacity	Cooling	kW	22.4	28	33.6	39.2
		kcal/h	19,300	24,100	28,900	33,700
		Btu/h	76,400	95,500	114,600	133,800
Capacity	Heating	kW	-	-	-	-
		kcal/h	-	-	-	-
		Btu/h	-	-	-	-
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
Heat Exchanger			Black Fin	Black Fin	Black Fin	Black Fin
Compressor	Type		LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll
	Starting Method		DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	DC Inverter Starting
	Number of Compressors		1	1	1	1
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W	900 x 1	900 x 1	900 x 1	900 x 1
	Air Flow Rate(High)	m3/min	210	210	210	210
	Drive		DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Discharge	Side / Top	Top	Top	Top	Top
Pipe Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Gas	mm(inch)	19.05(3/4)	22.2(7/8)	28.58(1-1/8)	28.58(1-1/8)
Operation Range	Cooling	°C (°F)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)
Dimensions(W x H x D)		mm	(920 x 1,680 x 760)	(920 x 1,680 x 760)	(920 x 1,680 x 760)	(920 x 1,680 x 760)
Weight	Net Weight	kg	177	177	177	186
	Shipping Weight	kg	184	184	184	193
Sound Pressure Level	Cooling	dB(A)	58.5	58.5	59	60
Communication Cable		mm2 x No. (VCTF-SB)	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		∅, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Number of maximum Connectable Indoor units			13(20)	16(25)	20(30)	23(35)
Maximum Indoor Unit Combination Ratio*			200%	200%	200%	200%

## HIGH EFFICIENCY COOLING ONLY



JRUV160LTE5 / JRUV180LTE5  
JRUV200LTE5 / JRUV220LTE5

HP			16	18	20	22
Model Name	Combination Unit		JRUV160LTE5	JRUV180LTE5	JRUV200LTE5	JRUV220LTE5
	Independent Unit		JRUV160LTE5	JRUV180LTE5	JRUV200LTE5	JRUV220LTE5
Capacity	Cooling	kW	44.8	50.4	56	61.6
		kcal/h	38,500	43,300	48,200	53,000
		Btu/h	152,900	172,000	191,100	210,200
Capacity	Heating	kW	-	-	-	-
		kcal/h	-	-	-	-
		Btu/h	-	-	-	-
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
Heat Exchanger			Black Fin	Black Fin	Black Fin	Black Fin
Compressor	Type		LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll	LG BLDC Inverter Scroll
	Starting Method		DC Inverter Starting	DC Inverter Starting	DC Inverter Starting	DC Inverter Starting
	Number of Compressors		1	2	2	2
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W	1,500 x 1	1,500 x 1	1,500 x 1	1,500 x 1
	Air Flow Rate(High)	m3/min	270	270	270	270
	Drive		DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Discharge	Side / Top	Top	Top	Top	Top
Pipe Connections	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)	28.58(1-1/8)

HP			16	18	20	22
Operation Range	Cooling	°C (°F)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)	-5 ~ 53 (23 ~ 127)
Dimensions(W x H x D)		mm	(1,240 x 1,680 x 760)	(1,240 x 1,680 x 760)	(1,240 x 1,680 x 760)	(1,240 x 1,680 x 760)
Weight	Net Weight	kg	200	247	257	257
	Shipping Weight	kg	208	255	265	265
Sound Pressure Level	Cooling	dB(A)	62	62	62	62
Communication Cable		mm2 x No. (VCTF-SB)	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant name		R410A	R410A	R410A	R410A
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		∅, V, Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Number of maximum Connectable Indoor Units			26(40)	29(45)	32(50)	35(44)
Maximum Indoor Unit Combination Ratio*			200%	200%	200%	200%

Note : 1. Due to our policy of innovation some specifications may be changed without notification.

2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.

Therefore, these values can be increased owing to ambient conditions during operation.

4. Performances are based on the following conditions :

• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB

• Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.

5. This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2,087.5)

\* The recommended ratio is 130%.

## KEY FEATURES

Large Capacity Outdoor Units  
(Single Outdoor up to 26 HP)

Heat Exchanger with Black Fin  
for Corrosion Resistance

Auto Dust Removal

Energy Saving and Optimized  
Cooling Through Dual Sensing  
(Temperature and Humidity Sensor)

High Compressor Reliability  
with Oil Level Sensor

Increased Air Flow Rate  
with Biomimetics Fan



**WALL MOUNTED UNIT**

JRNU09GSJA4 / JRNU12GSJA4 / JRNU15GSJA4 / JRNU18GSKA4  
JRNU24GSKA4 / ARNU30GSVA4 / ARNU36GSVA4



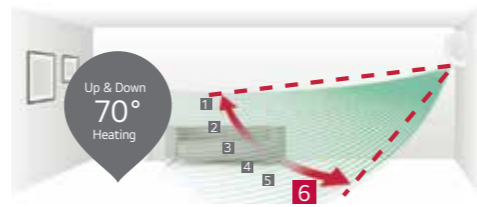
Model	Unit	JRNU09GSJA4	JRNU12GSJA4	JRNU15GSJA4	JRNU18GSKA4	JRNU24GSKA4	ARNU30GSVA4	ARNU36GSVA4
Cooling Capacity	kW	2.8	3.6	4.5	5.6	7.1	8.8	10.4
	kcal/h	2 400	3 100	3 900	4 800	6 100	7,500	9,000
	Btu/h	9 600	12 300	15 400	19 100	24 200	30,000	35,500
Heating Capacity	kW	3.2	4	5	6.3	7.5	9.4	10.8
	kcal/h	2 800	3 400	4 300	5 400	6 400	8,100	9,300
	Btu/h	10 900	13 600	17 100	21 500	25 500	32,000	37,000
Dimensions (W×H×D)	Body (Net)	mm 837 x 308 x 189	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210	1,190 x 346 x 265	1,190 x 346 x 265
	Body (Gross)	mm 892 x 381 x 246	892 x 381 x 246	892 x 381 x 246	1,063 x 420 x 271	1,063 x 420 x 271	1,238 x 419 x 314	1,238 x 419 x 314
Air Flow Rate (SH / H / M / L)	m3 / Min	9.5 / 8.2 / 7 / 6.5	12.5 / 9.5 / 8.2 / 6.5	12.5 / 10.5 / 9.0 / 7.0	15.2 / 14.0 / 12.0 / 10.5	18.0 / 15.2 / 12.7 / 10.5	25.1 / 23.0 / 20.0 / 17.0	28.5 / 26.0 / 23.0 / 19.0
	ft3/min	336 / 289 / 247 / 229	442 / 335 / 289 / 229	442 / 370 / 317 / 247	537 / 494 / 423 / 371	636 / 536 / 448 / 371	886 / 812 / 706 / 600	1,007 / 918 / 812 / 671
Pipe Connections	Liquid Side	mm(inch) 6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch) 12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Drain Pipe(ID)	mm(inch) 16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)	16(5/8)
Weight	Body (net)	kg 8.6	8.6	8.6	12.4	12.4	113 x 1	113 x 1
	Body (Gross)	kg 11.5	11.5	11.5	15.5	15.5	16.6	16.6
Sound Pressure Levels(H/M/L)	dB(A)	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	43 / 39 / 34	46 / 41 / 34	49 / 44 / 42	52 / 47 / 43
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
Color		White	White	White	White	White	White	White

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.  
• Super High mode available for max 30 min. and will auto shift to previous mode for comfort operation.  
• Due to continuous improvement above function may be subjected to change without any prior notice.

**KEY FEATURES**

**6-STEP VANE CONTROL UP TO 70°**

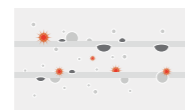
The vertical vane, which moves up and down, has 6 different settings including full swing.



※ Angle can be different from each model and working mode.

**AUTO-CLEANING**

Its auto-cleaning innovative feature prevents bacteria, mold and odour formation in the indoor unit which allows the flow of air free from microbes.



By dehumidifying, the auto cleaning function eliminates substances that might be harmful.



The indoor environment remains odorless with the advanced deodorising function.



By preventing polluting of the heat exchanger caused by various germs and bacteria, the performance and life span of the air conditioner do not wither away even after a period of 10 years.



**KEY APPLICATIONS**

RETAIL | RESTAURANT | OFFICE | HOTEL | RESIDENTIAL



**ROUND CASSETTE**

ARNU24GTYA4 / ARNU36GTYA4 / ARNU48GTYA4

Model Name	Unit	ARNU24GTYA4	ARNU36GTYA4	ARNU48GTYA4
Cooling Capacity (Rated)	kW	7.1	10.6	14.1
	Btu/h	24,200	36,200	48,100
Heating Capacity (Rated)	kW	8.0	11.9	15.9
	Btu/h	27,300	40,600	54,200
Air Flow Rate (H/M/L)	m3/min	22 / 21 / 19	27 / 24 / 21	32 / 28 / 23
	ft3/min	777 / 742 / 671	954 / 848 / 742	1,131 / 989 / 813
Dimensions (W x H x D)	Body (Net)	mm 1,050 x 330 x 1,050	1,050 x 330 x 1,050	1,050 x 330 x 1,050
	Body (Gross)	mm 1,137 x 395 x 1,132	1,137 x 395 x 1,132	1,137 x 395 x 1,132
Exterior	Color (RAL Code)	White(9003)	White(9003)	White(9003)
Weight	Body (Net)	kg 30.0	30.0	30.0
	Body (Gross)	kg 36.0	36.0	36.0
Drain Pipe	O.D / I.D	mm 32 / 25	32 / 25	32 / 25
Piping Connection	Liquid	mm 9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas	mm 15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Sound Pressure Level (H / M / L)	dB(A)	39 / 37 / 34	43 / 39 / 37	47 / 44 / 39
Power Supply	Communication Cable (VCTF-SB)	Ø, V, Hz 1,220-240, 50	1,220-240, 50	1,220-240, 50

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB • Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB • Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.  
3. I.D : 'Internal Diameter' 4. LG Round cassette with black color panel is also available so LG Sales office can be contacted for further information.

**KEY FEATURES**

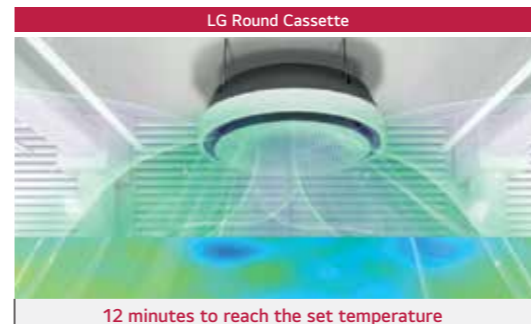
**COMFORT**

With its 6-speed precision control technology and perfect round design, it offers comfortable cooling with natural airflow.



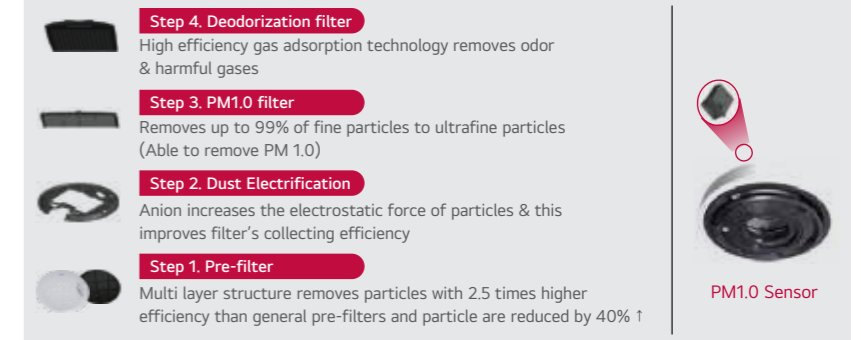
**30% FASTER COOLING**

With greater airflow, it cools the room 30% faster without missing a spot.



**AIR PURIFICATION KIT**

Smart Indicators Color display as per Air quality Severe Very Poor Poor Unhealthy Moderate Good



※ Normally HEPA filter type must be replaced regularly. It means that it costs expensive for maintenance.

**PREMIUM DESIGN THAT COMPLETES YOUR SPACE**

Its elegant design stands out in any interior and fits perfectly in your space adding a dash of style. Its panels are styled with clean whites and modern blacks, perfecting your interior.



**KEY APPLICATIONS**

RETAIL | SCHOOL | OFFICE | HOTEL | DORMITORY | RESTAURANT

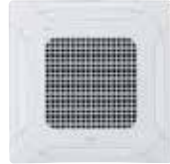
## CEILING MOUNTED CASSETTE

### 4 WAY CASSETTE (570 X 570)



ARNU05GTRB4 / ARNU07GTRB4  
ARNU09GTRB4 / ARNU12GTRB4

#### Panel Model



PT-QAGW0

Model	Unit	ARNU05GTRB4	ARNU07GTRB4	ARNU09GTRB4	ARNU12GTRB4
Cooling Capacity	kW	1.6	2.2	2.8	3.6
	kcal/h	1,400	1,900	2,400	3,100
	Btu/h	5,500	7,500	9,600	12,300
Heating Capacity	kW	1.8	2.5	3.2	4.0
	kcal/h	1,500	2,200	2,800	3,400
	Btu/h	6,100	8,500	10,900	13,600
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W×H×D)	Body (Net)	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
	Body (Gross)	mm	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646
Air Flow Rate (SH / H / M / L)	m3 / Min	7.8 / 7.5 / 7.0 / 6.6	7.8 / 7.5 / 7.0 / 6.6	8.6 / 8.0 / 7.5 / 7.1	9.3 / 8.7 / 8.0 / 7.0
	ft3/min	275 / 265 / 247 / 212	275 / 265 / 247 / 212	303 / 283 / 265 / 251	327 / 307 / 283 / 247
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)
Weight	Body (net)	kg	12.6	12.6	13.7
	Body (Gross)	kg	15.3	15.3	16.4
Sound Pressure Levels (SH / H / M / L)	dB(A)	30 / 29 / 27 / 26	30 / 29 / 27 / 26	32 / 30 / 29 / 27	34 / 32 / 30 / 27
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Panel	Panel Name (Accessory)		PT-QAGW0		
	Panel Color		Morning fog		
	Dimensions Panel (W x H x D)		mm		
			620 x 34 x 620		

ARNU15GTQB4 / ARNU18GTQB4  
ARNU21GTQB4

Model	Unit	ARNU15GTQB4	ARNU18GTQB4	ARNU21GTQB4	
Cooling Capacity	kW	4.5	5.6	6.0	
	kcal/h	3,900	4,800	5,100	
	Btu/h	15,400	19,100	20,500	
Heating Capacity	kW	5.0	6.3	6.8	
	kcal/h	4,300	5,400	5,800	
	Btu/h	17,100	21,500	23,200	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	mm	570 x 256 x 570	570 x 256 x 570	
	Body (Gross)	mm	667 x 327 x 646	667 x 327 x 646	
Air Flow Rate (SH / H / M / L)	m3 / Min	12.7 / 11.0 / 10.0 / 9.3	12.8 / 11.2 / 11.0 / 10.0	13.9 / 12.0 / 11.1 / 9.4	
	ft3/min	447 / 388 / 353 / 328	453 / 396 / 388 / 353	490 / 424 / 392 / 332	
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	
Weight	Body (net)	kg	15.0	15.0	
	Body (Gross)	kg	17.0	17.0	
Sound Pressure Levels (SH / H / M / L)	dB(A)	40 / 36 / 34 / 32	39 / 37 / 35 / 34	44 / 40 / 38 / 34	
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Panel	Panel Name (Accessory)		PT-QAGW0		
	Panel Color		Morning fog		
	Dimensions Panel (W x H x D)		mm		
			620 x 34 x 620		

Note : 1. Due to our policy of innovation some specifications may be changed without notification.

2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.

• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB

• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB

• Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.

## CEILING MOUNTED CASSETTE

### HIGHLIGHTS OF 4 WAY, 2 WAY AND 1 WAY CASSETTE

Cassette		4 Way (570 x 570)	4 Way (840 x 840)	2 Way	1 Way
Smart	Wi-Fi	○	○	○	○
Energy Efficiency	Human Detection	-	○	-	-
Health	Air Purification	-	○	-	○
	Auto Cleaning	-	-	○	-
Comfort	Drain Pump	○	○	○	○
	Sleep Mode	○	○	○	○
	Timer (On / Off)	○	○	○	○
	Timer (Weekly)	○	○	○	○
	Two Thermistor Control	○	○	○	○
	Group Control	○	○	○	○

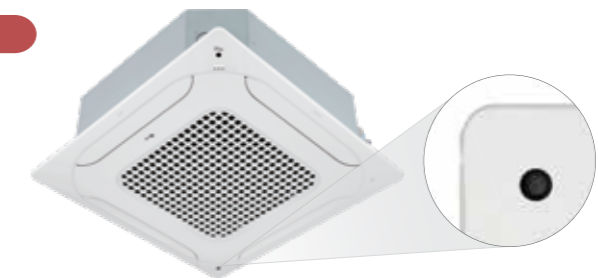
※ ○ : Applied, - : Not applied

### KEY FEATURES

#### HUMAN DETECTION SENSOR

##### 4 WAY CASSETTE (840 X 840)

Panel Name (Accessory)  
: PT-MCGW0 / PT-MPGW0  
(For Human Detection)



Human Detection Sensor (PTVSM00)

Human Detection Sensor  
- Saves energy  
- Offers comfortable airflow  
- Uses the sensor as an optional accessory and can be applied to PT-MCGW0, PT-MPGW0

#### ON / OFF MODE

The indoor unit automatically stops when detecting absence. It runs again when senses human body. (Judgement time : 5 ~ 90min)



#### INDEPENDENT VANE CONTROL

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently.



#### AIR PURIFICATION

Air purification with filtration not only removes up to 99.9% of PM 1.0 but also removes bacteria, odour and ultra-fine dust particles, thus offering you a disease-free environment.



### KEY APPLICATIONS

RETAIL | SCHOOL | OFFICE | HOTEL | DORMITORY | RESTAURANT



## CEILING MOUNTED CASSETTE

### 4 WAY CASSETTE (840 X 840)

#### Panel Model



PT-MCGW0  
(For human detection)

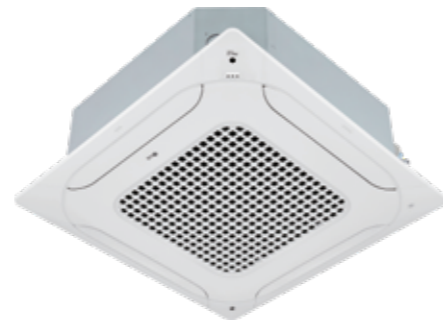


PT-MPGW0  
(For human detection and for air purification)



PT-UMC2

\* Human detection and air purification kit need to be purchased additionally



JRNU09GTPA4 / JRNU12GTPA4  
JRNU15GTPA4 / JRNU18GTPA4  
JRNU24GTPA4

Model	Unit	JRNU09GTPA4	JRNU12GTPA4	JRNU15GTPA4	JRNU18GTPA4	JRNU24GTPA4
Cooling Capacity	kW	2.8	3.6	4.5	5.6	7.1
	kcal/h	2,400	3,100	3,900	4,800	6,100
	Btu/h	9,600	12,300	15,400	19,100	24,200
Heating Capacity	kW	3.2	4	5	6.3	8
	kcal/h	2,800	3,400	4,300	5,400	6,900
	Btu/h	10,900	13,600	17,100	21,500	27,300
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W×H×D)	Body (Net)	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840
	Body (Gross)	mm	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917
Air Flow Rate (SH / H / M / L)	m <sup>3</sup> / Min	13 / 12 / 11 / 10	14 / 13 / 12 / 11	17 / 15 / 14 / 12	18 / 16 / 15 / 13	21 / 17 / 15 / 13
	ft <sup>3</sup> /min	459 / 424 / 388 / 353	494 / 459 / 424 / 388	600 / 530 / 494 / 424	636 / 565 / 530 / 494	742 / 600 / 529 / 459
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)
Weight	Body (net)	kg	20.8	20.8	20.8	20.8
	Body (Gross)	kg	23.7	23.7	23.7	23.7
Sound Pressure Levels (SH / H / M / L)	dB(A)	31 / 29 / 27 / 25	33 / 31 / 29 / 27	36 / 34 / 33 / 29	36 / 35 / 34 / 31	39 / 36 / 34 / 31
Power Supply	∅, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Panel	Panel Name (Accessory)	#1 : PT-UMC2, #2 : PT-MCGW0 (Human detection), #3 : PT-MPGW0 (Human detection, Air Purification)				
	Panel Color	Morning fog				
	Dimensions Panel #1 (W x H x D)	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Dimensions Panel #2 & 3 (W x H x D)	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950

JRNU30GTPA4 / JRNU36GTNA4 / JRNU42GTMA4  
JRNU48GTMA4 / JRNU54GTMA4

Model	Unit	JRNU30GTPA4	JRNU36GTNA4	JRNU42GTMA4	JRNU48GTMA4	JRNU54GTMA4
Cooling Capacity	kW	9	10.6	12.3	14.1	15.8
	kcal/h	7,700	9,100	10,600	12,100	13,600
	Btu/h	30,700	36,200	42,000	48,100	54,000
Heating Capacity	kW	10	11.9	13.8	15.9	18
	kcal/h	8,600	10,200	11,000	13,200	15,500
	Btu/h	34,100	40,600	43,800	51,200	61,400
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W×H×D)	Body (Net)	mm	840 x 204 x 840	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840
	Body (Gross)	mm	922 x 276 x 917	922 x 318 x 917	922 x 360 x 917	922 x 360 x 917
Air Flow Rate (SH / H / M / L)	m <sup>3</sup> / Min	25 / 24 / 23 / 20	30 / 25 / 21 / 19	32 / 30 / 27 / 24	33 / 31 / 29 / 27	36 / 34 / 32 / 27
	ft <sup>3</sup> /min	883 / 858 / 805 / 688	1,059 / 883 / 742 / 671	1,130 / 1,059 / 954 / 848	1,165 / 1,095 / 1,024 / 954	1,271 / 1,201 / 1,130 / 954
Pipe Connections	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Drain Pipe(Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)
Weight	Body (net)	kg	20.8	23.5	25.6	25.6
	Body (Gross)	kg	23.7	27.3	30.1	30.1
Sound Pressure Levels (SH / H / M / L)	dB(A)	40 / 39 / 36 / 33	46 / 43 / 40 / 37	46 / 44 / 41 / 38	48 / 46 / 43 / 41	51 / 50 / 48 / 44
Power Supply	∅, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Panel	Panel Name (Accessory)	#1 : PT-UMC2, #2 : PT-MCGW0 (Human detection), #3 : PT-MPGW0 (Human detection, Air Purification)				
	Panel Color	Morning fog				
	Dimensions Panel #1 (W x H x D)	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Dimensions Panel #2 & 3 (W x H x D)	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.

## 2 WAY CASSETTE

#### Panel Model



PT-USC



ARNU09GTSC4 / ARNU12GTSC4  
ARNU18GTSC4 / ARNU24GTSC4

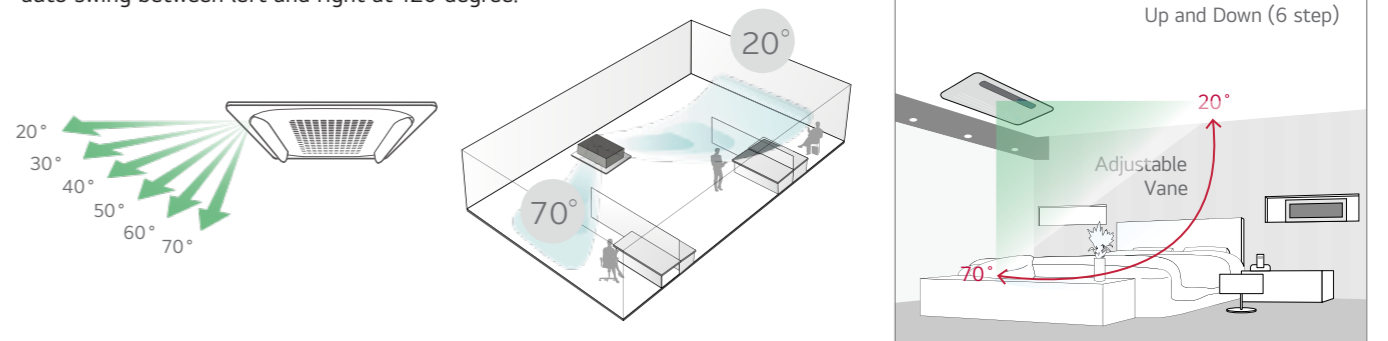
Model	Unit	ARNU09GTSA4	ARNU12GTSA4	ARNU18GTSA4	ARNU24GTSA4
Cooling Capacity	kW	2.8	3.6	5.6	7.1
	kcal/h	2,400	3,100	4,800	6,100
	Btu/h	9,600	12,300	19,100	24,200
Heating Capacity	kW	3.2	4.0	6.3	8.0
	kcal/h	2,800	3,400	5,400	6,900
	Btu/h	10,900	13,600	21,500	27,300
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W×H×D)	Body (Net)	mm	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600
	Body (Gross)	mm	1,055 x 290 x 682	1,055 x 290 x 682	1,055 x 290 x 682
Air Flow Rate (SH / H / M / L)	m <sup>3</sup> /min	11.6 / 10.8 / 9.8 / 9.1	11.9 / 11.1 / 10.3 / 9.1	13.2 / 11.8 / 10.8 / 9.8	17.2 / 14.5 / 12.4 / 10.3
	ft <sup>3</sup> /min	410 / 381 / 346 / 321	420 / 392 / 364 / 321	465 / 417 / 381 / 346	608 / 512 / 438 / 364
Pipe Connections	Liquid Side	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	mm (inch)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
	Drain Pipe	mm (inch)	25 (1)	25 (1)	25 (1)
Weight	Body (net)	kg	18.1	18.1	18.1
	Body (Gross)	kg	22.5	22.5	22.5
Sound Pressure Levels (SH / H / M / L)	dB(A)	35 / 33 / 31 / 29	36 / 34 / 32 / 29	37 / 35 / 33 / 31	44 / 40 / 37 / 33
Power Supply	∅, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Running Current by voltage	A	0.13 - 0.13 - 0.12	0.15 - 0.14 - 0.14	0.16 - 0.15 - 0.14	0.26 - 0.25 - 0.23
Panel	Panel Name (Accessory)	PT-USC			
	Dimensions (W×H×D)	mm	1,100 x 28 x 690	1,100 x 28 x 690	1,100 x 28 x 690

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.

## KEY FEATURES

### 6-STEP VANE CONTROL

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently. There are 6 different steps to control air flow direction. Also, 1 Way Cassette has a vane control mechanism that helps to auto swing between left and right at 120 degree.



## KEY APPLICATIONS

RETAIL | SCHOOL | OFFICE | HOTEL | DORMITORY | RESTAURANT

## 1 WAY CASSETTE

JRNU07GTUB4 / JRNU09GTUB4 / JRNU12GTUB4  
JRNU18GTTB4 / JRNU24GTTB4



For JRNU - GTUB4 (860 x 450)



PT-UAHW0



PT-UAHG0  
(Glossy, For Air Purification)

For JRNU - GTTB4 (1,180 x 450)



PT-TAHW0



PT-TAHG0  
(Glossy, For Air Purification)

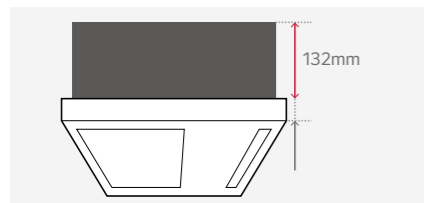
Model	Unit	JRNU07GTUB4	JRNU09GTUB4	JRNU12GTUB4	JRNU18GTTB4	JRNU24GTTB4	
Cooling Capacity	kW	2.2	2.8	3.6	5.6	7.1	
	kcal/h	1,900	2,400	3,100	4,800	6,100	
	Btu/h	7,500	9,600	12,300	19,100	24,200	
Heating Capacity	kW	2.5	3.2	4.0	6.3	7.1	
	kcal/h	2,200	2,800	3,400	5,400	6,100	
	Btu/h	8,500	10,900	13,600	21,500	24,200	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	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
	Body (Gross)	mm	1,129 x 259 x 538	1,129 x 259 x 538	1,129 x 259 x 538	1,449 x 259 x 538	1,449 x 259 x 538
Air Flow Rate (SH / H / M / L)	m <sup>3</sup> /min	8.7 / 8.2 / 7.3 / 6.4	10.2 / 9.2 / 8.6 / 8.2	10.9 / 10.0 / 9.2 / 8.2	14.2 / 13.3 / 12.1 / 10.9	15.4 / 14.6 / 13.3 / 11.5	
	ft <sup>3</sup> /min	305 / 290 / 258 / 226	359 / 325 / 304 / 290	386 / 353 / 325 / 290	500 / 470 / 427 / 385	545 / 516 / 470 / 406	
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain Pipe (Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)
Weight	Body (net)	kg	13.6	13.6	13.6	15.6	15.6
	Body (Gross)	kg	15.7	15.7	15.7	19.7	19.7
Sound Pressure Levels (SH / H / M / L)	dB(A)	34 / 32 / 29 / 25	38 / 35 / 34 / 32	41 / 38 / 35 / 32	42 / 40 / 37 / 35	45 / 43 / 40 / 36	
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	
Panel	Panel Name (Accessory)	#1 : PT-UAHW0, #2 : PT-UPHG0 (Air Purification)		#1 : PT-TAHW0, #2 : PT-TPHG0 (Air Purification)			
	Decoration Panel #1 (W×H×D)	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
	Decoration Panel #2 (W×H×D)	mm	1,160 x 34 x 500	1,160 x 34 x 500	1,160 x 34 x 500	1,480 x 34 x 500	1,480 x 34 x 500

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is Zero.

## KEY FEATURES

### MINIMISED HEIGHT

1 Way Cassette isn't affected by installation environment. The height of 1 Way Cassette is 132mm and duct size is 190mm and can be ideal fit solution for installation in limited space.



Size Comparison	A company	B company	LG
1 Way Cassette	215	230	132

## KEY APPLICATIONS

RETAIL | SCHOOL | OFFICE | HOTEL | DORMITORY | RESTAURANT

### AIR PURIFICATION

AIR-PURIFYING FILTER THAT REMOVES UP TO 99.9% OF PM1.0

EASY MAINTENANCE WITH WASHABLE FILTERS

6 COLOURED LED INDICATION FOR AQI (AIR QUALITY INDEX)

REMOVES MORE THAN 99% OF ULTRA-FINE DUST PARTICLES, BACTERIA AND VIRUS

## CEILING CONCEALED DUCT

### HIGHLIGHTS OF HIGH AND LOW STATIC DUCT

Duct		High	Low
Smart	Wi-Fi	○	○
Energy Efficiency	E.S.P. Control	○	○
	Drain Pump	○	○
	Timer (On / Off)	○	○
Comfort	Timer (Weekly)	○	○
	Two Thermistor Control	○	○
	Group Control	○	○

※ ○ : Applied, - : Not applied

## LOW STATIC DUCT



JRNU09GL5G4 / JRNU12GL5G4 / JRNU15GL5G4  
JRNU18GL5G4 / JRNU24GL6G4

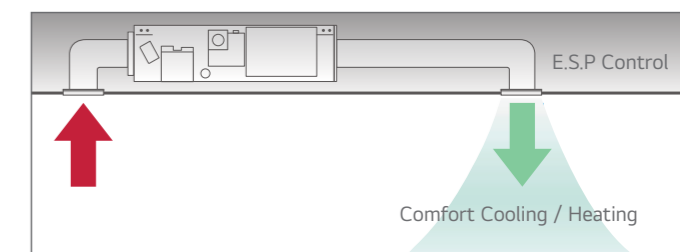
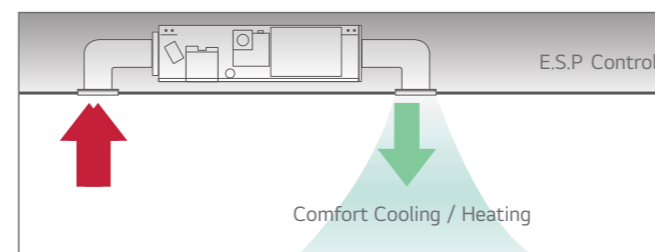
Model	Unit	JRNU09GL5G4	JRNU12GL5G4	JRNU15GL5G4	JRNU18GL5G4	JRNU24GL6G4	
Cooling capacity	kW	2.8	3.6	4.5	5.6	7.1	
	kcal/h	2,400	3,100	3,900	4,800	6,100	
	Btu/h	9,600	12,300	15,400	19,100	24,200	
Heating capacity	kW	3.2	4	5	6.3	8	
	kcal/h	2,800	3,400	4,300	5,400	6,900	
	Btu/h	10,900	13,600	17,100	21,500	27,300	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	mm	900 x 190 x 460	900 x 190 x 460	900 x 190 x 460	900 x 190 x 460	1100 x 190 x 460
	Body (Gross)	mm	1,125 x 255 x 561	1,125 x 255 x 561	1,125 x 255 x 561	1,125 x 255 x 561	1,325 x 255 x 561
Fan	Air Flow Rate(H/M/L) (High Mode-Factory set)	m <sup>3</sup> /min	8.5/8.0/7.0	10.0/8.5/7.0	12.5/10.0/8.5	15.0/12.5/10.0	20.0/16.0/12.0
	External Static Pressure	mmAq(Pa)	1(10)	1(10)	1(10)	1(10)	1(10)
	Air Flow Rate(H/M/L) (Standard Mode) External Static Pressure	m <sup>3</sup> /min	8.5/8.0/7.0	10.0/8.5/7.0	12.5/10.0/8.5	15.0/12.5/10.0	20.0/16.0/12.0
	External Static Pressure	ft <sup>3</sup> /min	300/283/247	360/310/250	450/360/810	530/450/360	710/570/430
	External Static Pressure (Range)	mmAq(Pa)	0(0)	0(0)	0(0)	0(0)	0(0)
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain Pipe (Internal Dia.)	mm(inch)	25(1)	25(1)	25(1)	25(1)	25(1)
Weight	Body (net)	kg	20	20	20	20	22.2
	Body (Gross)	kg	22.2	22.2	22.2	22.2	25.8
Noise Level (Sound Pressure, H/M/L)	dB(A)	30 / 29 / 26	31 / 29 / 26	34 / 31 / 29	36 / 34 / 31	39 / 35 / 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	

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is Zero.

## KEY FEATURES

### E.S.P (EXTERNAL STATIC PRESSURE) CONTROL

User has an easy access to air volume selection via remote controller secured by the E.S.P control function. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control the air flow.

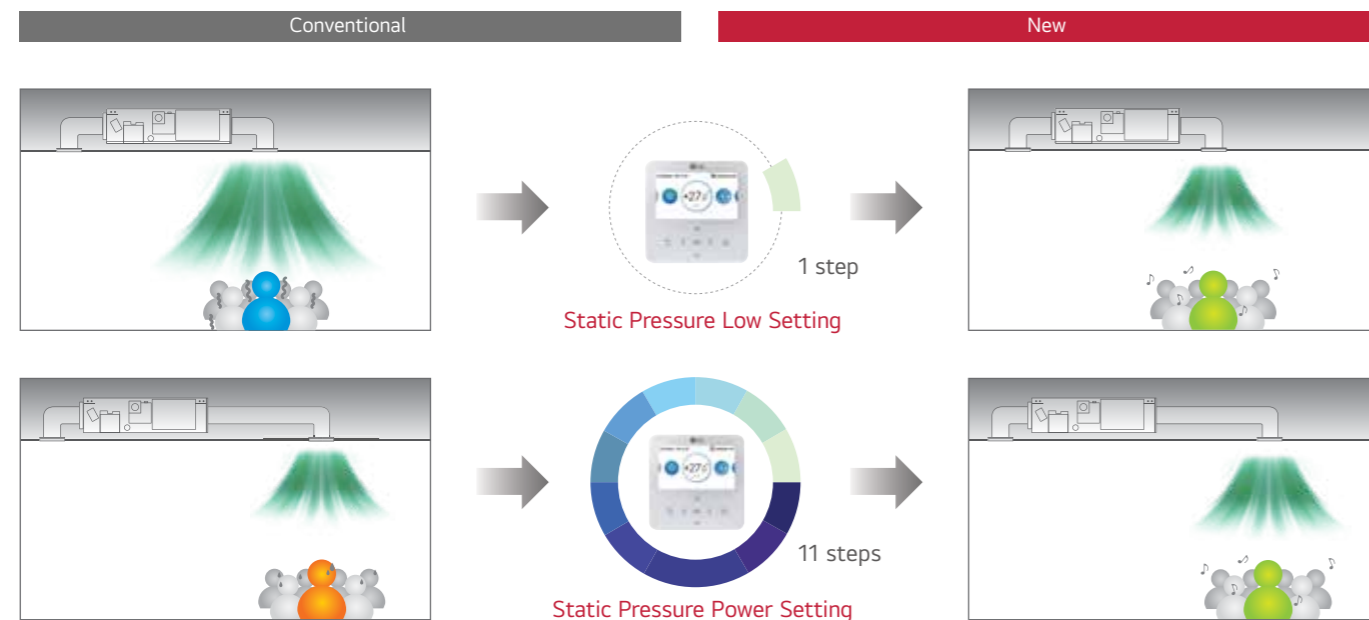


## UV NANO FILTER BOX



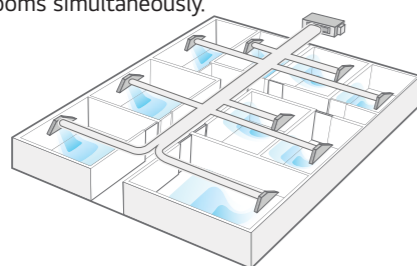
### STATIC PRESSURE 11 STEPS CONTROL

Depending on the installation environment, 4 series ceiling concealed duct is controlled the static pressure to 11 step, for providing comfortable environment suitable for any case scenario.



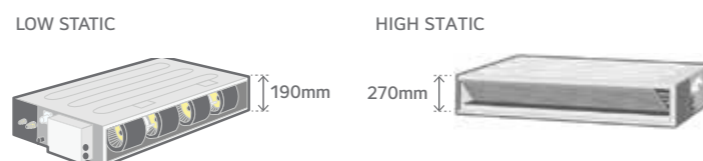
### OPERATION FOR MULTIPLE ROOMS

Using a spiral duct (Embedded or Flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



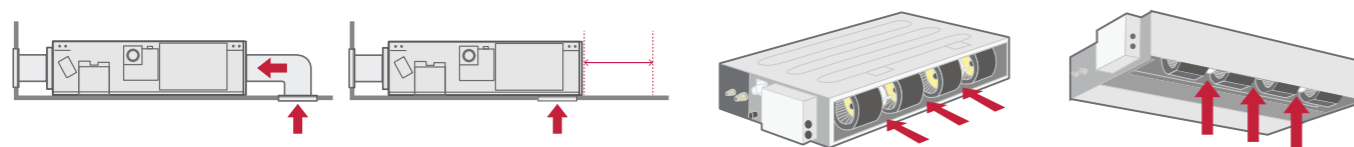
### MINIMIZED HEIGHT

New low-static and high-static ducts provide ideal solution for installation in limited space.



### FLEXIBLE INSTALLATION (LOW STATIC DUCT ONLY)

The low static duct allows the air intake at the rear or bottom under installation condition. Air intake at the rear or bottom



### KEY APPLICATIONS

HOTEL / CONFERENCE CENTER | RETAIL / SHOPPING CENTER | SCHOOL | OFFICE | RESTAURANT  
HISTORIC BUILDING

PBM13M1UA0

Model		Unit	PBM13M1UA0
Applied Model			ARNU07GM1A4 / ARNU09GM1A4 / ARNU12GM1A4 / ARNU15GM1A4 / ARNU18GM1A4 / ARNU24GM1A4
Net Size (W x H x D)		mm	900 x 270 x 280
Shipping Size (W x H x D)			1,048 x 340 x 377
Net Weight		kg	9.1
Shipping Weight		kg	11.4
Filter (1)	Size (W x H x D)	mm	600 x 251 x 50.8
	Quantity	EA	1
	Grade 1	-	ePM1 65%
Filter (2)	Grade 2	-	MERV 13
	Size (W x H x D)	mm	250 x 251 x 50.8
	Quantity	EA	1
Pre-Filter (1)	Grade 1	-	ePM1 65%
	Grade 2	-	MERV 13
	Size (W x H x D)	mm	596 x 247 x 4
Pre-Filter (2)	Mesh	-	34 x 39
	Color	-	Black
	Quantity	EA	1
UV nano	Size (W x H x D)	mm	247 x 247 x 4
	Mesh	-	34 x 39
	Color	-	Black
UV nano	Quantity	EA	1
	LED Quantity	EA	8
	Input	V	DC 12V
UV nano	Wavelength	nm	275

Note : 1. Grade 1 : ISO EN 16890  
2. Grade 2 : ASHRAE 52.5



## HIGH STATIC DUCT



ARNU07GM1A4 / ARNU09GM1A4 / ARNU12GM1A4  
ARNU15GM1A4 / ARNU18GM1A4 / ARNU24GM1A4

Model	Unit	ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4	
Cooling Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	
	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	
Heating Capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0	
	kcal/h	2,200	2,800	3,400	4,300	5,400	6,900	
	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	mm	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	900 × 270 × 700	
	Body (Gross)	mm	1,100 × 338 × 773	1,100 × 338 × 773	1,100 × 338 × 773	1,100 × 338 × 773	1,100 × 338 × 773	1,100 × 338 × 773
Fan	Air Flow Rate (H / M / L) (Factory set)	m <sup>3</sup> /min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
		ft <sup>3</sup> /min	318 / 265 / 212	336 / 265 / 212	388 / 318 / 247	565 / 424 / 318	600 / 512 / 424	671 / 565 / 494
	External Static Pressure (Factory Set)	mmAq(Pa)	6(59)	6(59)	6(59)	6(59)	6(59)	6(59)
Pipe Connections	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
Weight	Body (net)	kg	25.5	25.5	25.5	25.5	25.5	26.5
	Body (Gross)	kg	31	31	31	31	31	31
Sound Pressure Levels (H / M / L)	dB(A)	26 / 24 / 23	27 / 25 / 23	27 / 25 / 23	30 / 27 / 23	31 / 28 / 25	32 / 29 / 26	
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	



JRNU28GBGA4 / JRNU36GBGA4 / JRNU42GBGA4 / JRNU48GBGA4  
JRNU54GBRA4 / JRNU76GB8A4 / JRNU96GB8A4

Model	Unit	JRNU28GBGA4	JRNU36GBGA4	JRNU42GBGA4	JRNU48GBGA4	JRNU54GBRA4	JRNU76GB8A4	JRNU96GB8A4	
Cooling Capacity	kW	8.2	10.6	12.3	14.1	15.8	22.4	28	
	kcal/h	7100	9,100	10,600	12,100	13,600	19,300	24,100	
	Btu/h	28000	36,200	42,000	48,100	54,000	76,400	95,900	
Heating Capacity	kW	9.2	11.9	13.8	15.9	18	25.2	31.5	
	kcal/h	8000	10,200	11,000	13,600	15,500	21,700	27,100	
	Btu/h	31500	40,600	43,800	54,200	61,400	86,000	107,500	
Casing		Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	mm	1,182 × 298 × 450	1,182 × 298 × 450	1,182 × 298 × 450	1,182 × 298 × 450	1,230 × 380 × 590	1,562 × 460 × 688	
	Body (Gross)	mm	1,415 × 360 × 565	1,415 × 360 × 565	1,415 × 360 × 565	1,415 × 360 × 565	1,420 × 460 × 695	1,806 × 537 × 825	
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Air Flow Rate(H / M / L) (High Mode-factory set)	m <sup>3</sup> /min	25.9 / 24.1 / 21.8	32.3 / 29.0 / 25.3	34.5 / 32.3 / 30.7	34.6 / 31.8 / 27.9	51.0 / 44.8 / 40.6	60.0 / 50.0 / 50.0	72.0 / 64.0 / 64.0
		ft <sup>3</sup> /min	915 / 851 / 770	1,141 / 1,024 / 894	1,218 / 1,141 / 1,084	1,222 / 1,123 / 986	1,801 / 1,582 / 1,434	2,119 / 1,766 / 1,766	2,542 / 2,260 / 2,260
	External Static Pressure	mmAq(Pa)	10(98)	10(98)	10(98)	10(98)	14(137)	22(216)	22(216)
	Air Flow Rate(H / M / L) (Standard Mode)	CMM	25.3 / 21.8 / 17.6	28.4 / 25.3 / 21.8	32.0 / 28.4 / 27.2	33.9 / 28.7 / 26.3	51.5 / 47.5 / 39.5	64.0 / 50.0 / 50.0	76.0 / 64.0 / 64.0
		cfm	893 / 770 / 622	1,003 / 894 / 770	1,130 / 1,003 / 961	1,198 / 1,014 / 929	1,819 / 1,678 / 1,395	2,260 / 1,766 / 1,766	2,684 / 2,260 / 2,260
Pipe Connections	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	
Weight	Body (net)	kg	38	38	38	38	53	87	
	Body (Gross)	kg	42.5	42.5	42.5	42.5	57	100	
Sound Pressure Levels (H / M / L)	dB(A)	33 / 31 / 28	33 / 31 / 28	36 / 33 / 30	41 / 38 / 37	39 / 37 / 35	45 / 41 / 40	47 / 42 / 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	

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
• Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
• Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
• Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is Zero.

## FRESH AIR INTAKE UNIT



ARNU76GB8Z4 / ARNU96GB8Z4

Model	Unit	ARNU76GB8Z4	ARNU96GB8Z4
Cooling Capacity	kW	22.4	28
	kcal/h	19,300	24,100
	Btu/h	76,400	95,900
Heating Capacity	kW	21.4	26.7
	kcal/h	18,410	23,000
	Btu/h	73,080	91,360
Casing		Galvanized Steel Plate	Galvanized Steel Plate
Dimensions (W×H×D)	Body (Net)	mm	1,562 × 460 × 688
	Body (Gross)	mm	1,806 × 537 × 825
Fan	Type		Sirocco Fan
	Air Flow Rate(H/M/L) (High static Mode-factory set)	m <sup>3</sup> /min	23.7 / 13.2 / 13.2
		ft <sup>3</sup> /min	837 / 446 / 446
	External Static Pressure (Factory Set)	mmAq(Pa)	22 (216)
Pipe Connections	External Static Pressure (Range)	mmAq(Pa)	7 (69) - 25 (245)
	Liquid Side	mm(inch)	9.52(3/8)
	Gas Side	mm(inch)	19.05(3/4)
Weight	Body (net)	kg	73
	Body (Gross)	kg	87
Sound Pressure Levels (H / M / L)	dB(A)	45 / 43 / 43	47 / 45 / 45
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50

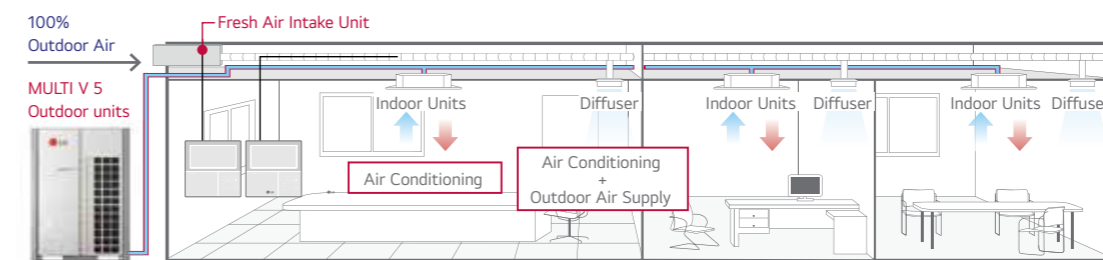
Note : 1. Capacities are based on the following conditions.

- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor temp. 35°C (95°F) DB / 24°C (75.2°F) WB, Interconnecting piping length 7.5m, Level difference of zero
  - Heating : Indoor temp. 20°C (68°F) DB / 15°C (59°F) WB, Outdoor temp. 7°C (44.6°F) DB / 6°C (42.8°F) WB, Interconnecting piping length 7.5m, Level difference of zero
2. Due to our policy of innovation, some specifications may be changed without notification.

## KEY FEATURES

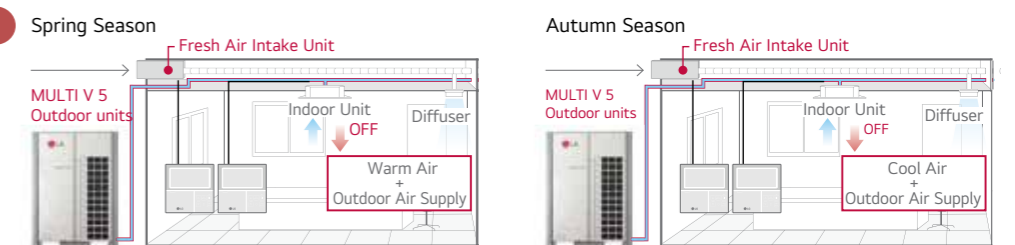
### FRESH OUTDOOR AIR SUPPLY

The LG Fresh Air Intake Unit (FAU) is the alternative solution for ventilation which supplies the fresh outdoor air to indoors as well as being able to cool and heat the inside air simultaneously. It means the indoor space can have positive air pressure consistently which can block cold, hot or contaminated air from outdoor.



### ECONOMIC OPERATION

Using the cooling and heating can save cost by blowing the natural outdoor air inside when the season changes.



## FLOOR STANDING



ARUN48GPTA4 / ARNU96GPFA4

Model		Unit	ARNU48GPTA4	ARNU96GPFA4
Cooling Capacity		kW	14.1	28.0
		kcal/h	12,100	24,100
		Btu/h	48,100	95,900
Heating Capacity		kW	15.9	31.5
		kcal/h	13,600	27,100
		Btu/h	54,200	107,500
Casing			Galvanized Steel Plate	
Dimensions (W×H×D)	Body (Net)	mm	590 × 1,840 × 440	1,050 × 1,880 × 495
	Body (Gross)	mm	690 × 1,96 × 531	1,144 × 2020 × 583
Air Flow Rate (SH / H / M / L)		m <sup>3</sup> /min	37 / 33 / 28 / 24	68 / 61 / - / 50
		ft <sup>3</sup> /min	1,307 / 1,165 / 988 / 848	2,402 / 2,154 / - / 1,766
Pipe Connections	Liquid Side	mm(inch)	9.52 (3/8)	9.52 (3/8)
	Gas Side	mm(inch)	15.88 (5/8)	22.2 (7/8)
	Drain(ID)	mm	19	19
Weight	Body (net)	kg	48	113
	Body (Gross)	kg	68	133
Sound Pressure Level (SH/ H/M/L)		dB(A)	54 / 51 / 49 / 45	60 / 57 / - / 53
Power Supply		∅, V, Hz	1, 220-240, 50	1, 220-240, 50

Note : 1. Due to our policy of innovation some specifications may be changed without notification.  
 2. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.  
 • Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
 • Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
 • Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.

## KEY FEATURES

### SIMPLE & ELEGANT DESIGN

With its stylish design, LG's new floor standing air conditioner enhances the overall indoor interior.



### 15M LONG POWER COOLING

The new LG floor standing unit is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 15m away from the air conditioner.



※ Based on 131.8m<sup>2</sup>

Type	Floor Standing
Air Flow (m <sup>3</sup> /min)	68

## KEY APPLICATIONS

FACTORY | RETAIL | SHOP | OFFICE | RESTAURANT

## ERV WITH DX COIL



LZ-H050GXN4 / LZ-H080GXN4  
LZ-H100GXN4

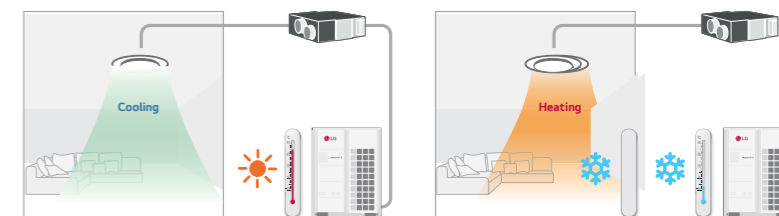
Model			LZ-H050GXH4	LZ-H080GXH4	LZ-H100GXH4	LZ-H050GXN4	LZ-H080GXN4	LZ-H100GXN4
Fresh Air Conditioning Load	Cooling	kW	4.93	7.46	9.12	4.93	7.46	9.12
	Heating	kW	6.73	9.8	11.72	6.73	9.8	11.72
Temperature Exchange Efficiency	SH / H / L	%	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78
Enthalpy Exchange Efficiency	Cooling (SH / H / L)	%	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50
	Heating (SH / H / L)	%	76 / 76 / 77	67 / 67 / 69	64 / 64 / 66	76 / 76 / 77	67 / 67 / 69	64 / 64 / 66
Operation Range	Outdoor Air Temperature	°C	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45
Air Flow Rate	Heat Exchange Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
	Bypass Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
Fan	External Static Pressure (SH / H / L)	Pa	160 / 120 / 100	140 / 90 / 70	110 / 70 / 60	180 / 150 / 110	170 / 120 / 80	150 / 100 / 70
	System		Natural Evaporating Type					
Humidifier	Amount	kg/h	2.70	4.00	5.40			
	Pressure Feed Water	MPa	0.02 ~ 0.49					
Sound Pressure Level	Heat Exchange Mode (SH / H / L)	dB(A)	38 / 36 / 33	39 / 37 / 34	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
	Bypass Mode (SH / H / L)	dB(A)	39 / 37 / 34	40 / 38 / 35	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
Refrigerant			R410A					
Power Supply		∅, V, Hz	1, 220 - 240, 50					
Heat Exchange System			Air to Air Cross Flow Total Heat (Sensible + Latent Heat) Exchange			Air to Air Cross Flow Total Heat (Sensible + Latent Heat) Exchange		
Heat Exchange Element			Specially Processed Non-Flammable Paper			Specially Processed Non-Flammable Paper		
Air Filter			Multidirectional Fibrous Fleeces			Multidirectional Fibrous Fleeces		
Dimensions	W x H x D		1,667 x 365 x 1,140			1,667 x 365 x 1,140		
Net Weight		kg	105			98		
Piping Connection	Liquid	mm	6.4			6.4		
	Gas	mm	12.7			12.7		
	Water	mm	6.4			6.4		
	Drain (ID)	mm (inch)	25 (1)			25 (1)		
Connection Duct Diameter		mm	250			250		

Note :  
 1. Cooling Capacity Test condition - Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB  
 2. Heating Capacity Test condition - Indoor temperature : 20°C DB / Outdoor temperature : 7°C DB, 6°C WB  
 3. Humidifying capacity is based on the following conditions - Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB  
 4. Cooling and heating capacities are based on the following conditions : Fan is based on High and Super-high.  
 5. The operating sound measured at the point 1.5 m below the center of the unit is converted to that measured at an anechoic chamber.  
 6. The specifications, designs and information here are subject to change without notice.

## KEY FEATURES

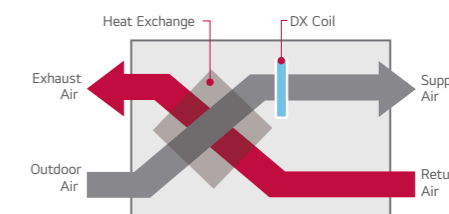
### PROVIDING COOL & WARM FRESH AIR

During the summer, ERV DX can transform outdoor warm air into cool air for indoors, and it can prevent cold drafts during the winter by supplying warm air.



### TOTAL AIR CONDITIONING SOLUTION

LG ERV DX can be used as a Total Air Conditioning Solution. It can control condition of incoming air with the DX coil for making comfortable indoor air.



## ERV WITHOUT DX COIL

For products specifications and features scan the below QR code



## TYPES



### WIRELESS REMOTE

- On/Off, Temperature Setting, Fan Speed, Auto Swing
- Vane Angle Control, Reservation, Time Display
- Can Be Used for Duct Models Also (by using IR Accessory)



### SIMPLE WIRED REMOTE CONTROLLER

- On/Off, Temperature Setting
- Fan Speed, Mode Change



### STANDARD III WIRED REMOTE

- Humidity Sensor Embedded
- Human Detection Feature
- Air Quality Monitoring



### PREMIUM REMOTE

- 5 inch Touch Screen with Premium Design
- Energy Management
- Yearly Scheduling, Group Control up to 16 IDU



### AC EZ

- 32 Indoor Units, LCD Display
- Individual / Group Control
- Mode Change, Controller Lock



### AC EZ TOUCH

- 64 units, 5 inch Touch Screen & Web Access.
- Schedule Events, Error History, Remote Lock
- Energy Save Mode, Emergency Stop



### AC SMART 5

- 128 units, 10.2 inch Touch Screen, Dynamic UI
- Interlocking, Peak Control, Time Limit, Yearly Schedule
- Energy Statistics, Operation Report, Emergency Stop Feature
- BMS Compatible (BACnet/Modbus)



### ACP 5

- 256 units, PC / Tablet & Remote Access
- Device Interlocking, Priority & Capacity Control Mode
- Operation History, Energy Management & Reporting
- BMS Compatible (BACnet/Modbus)



### AC MANAGER 5

- 8192 Units, PC Software for Integrated Management.
- Power Consumption Monitoring, Visual Navigation
- Interlocking, Virtual Group Control



### BMS GATEWAY

- Interface b/w BMS & LG Air Conditioner
- Supports LonWorks Protocols
- Backup Controller in Case of BMS Failure



### POWER DISTRIBUTION INDICATOR (PDI PREMIUM)

- Monitoring IDU Power Consumption through PDI
- 8 ODU Systems Can Be Configured with One PDI
- Statistical Report Through Central Controller



### INTEGRATION DEVICE (DRY CONTACT)

- Connection Between IDU & External Devices to Control Various Functions
- Key Tag, Fire Alarm, Motion / Lighting / Door Sensor
- Interlocking with Open Protocol for Home Automation



### SMART SOLUTION

- System Air Conditioner Mobile App to Control & Monitor the Device from Anytime and Anywhere
- Compatible with iOS or Android Devices



### TOTAL MANAGEMENT SYSTEM

- Cloud Based Building Solution
- Facility Management System
- Remote Access & Easy Control
- Quick Service & Repair