



SYSTEM
AIR CONDITIONING

DISCOVER THE POWER OF THE MOST ENERGY EFFICIENT SYSTEM.



MULTI V.5™



DUAL
SENSING
CONTROL

TEMPERATURE
SENSOR

HUMIDITY
SENSOR

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CIN No. U32107DL1997PTC220109

ABOUT LG

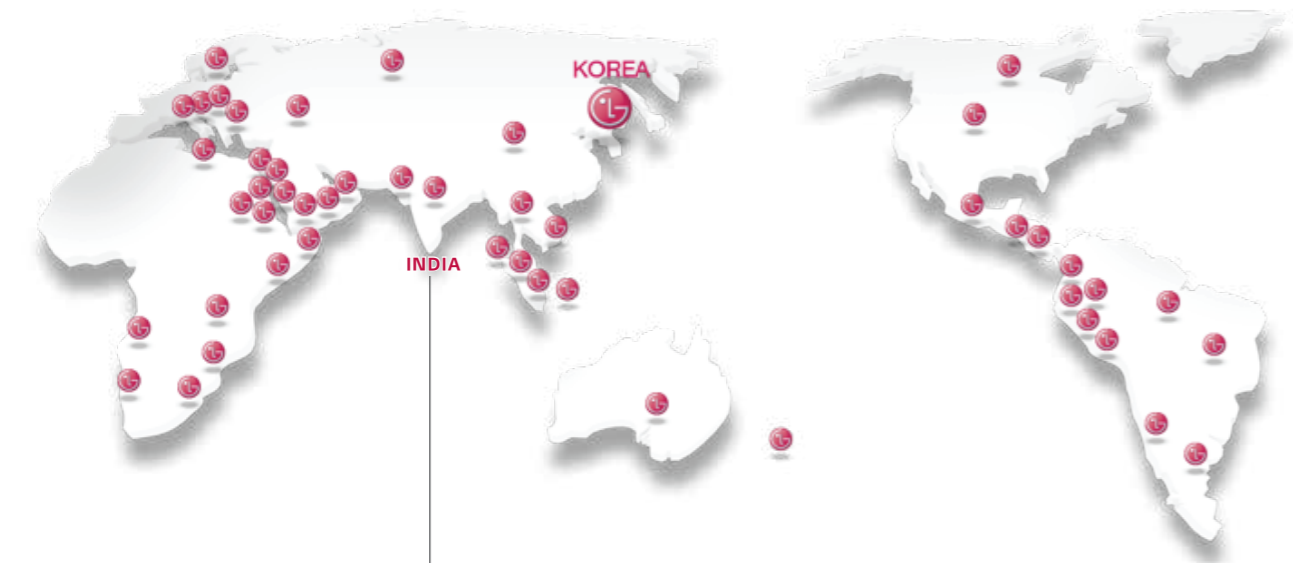
Ever since manufacturing of Korea's first home grown air conditioner began in 1968, LG has remained at the forefront of air conditioning innovation. LG has not only been the leading manufacturer of top notch energy efficient solution provider, but also has been amongst the top selling air conditioning brands globally.

With more and more focus on providing superior quality products, our team of experts work tirelessly to create solutions based on latest technologies to provide faster and smarter solutions.

LG India through its world-class manufacturing facilities in Greater Noida & Pune, has been reaching out to its customers with its comprehensive product portfolio that includes chillers, VRF systems, ducted splits, rooftop units, cassette units, floor standing units and building management systems (BMS).

The company also produces outstanding air conditioning professionals at its esteemed academies located in Delhi & Pune, India. It has nearly 80 academies worldwide. These centres of excellence, provide workshops and training programs that offer invaluable hands-on experience. LG also provides useful tools for HVAC system engineers and installers, including its time saving LG Air Conditioner Technical Solutions (LATS) software.

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 OWNER

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



BENEFITS FOR DEVELOPERS / CONSTRUCTION COMPANIES

-  Green Solutions
-  Maximising 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 ARUN260LTES

INDOOR UNITS LINE-UP

| kW | | 1.5 | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 | 6.2 | 7.1 | 8.2 | 9.0 | 10.6 | 12.3 | 14.1 | 15.8 | 22.4 | 28.0 |
|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| Type | Btu/h | 5k | 7k | 9k | 12k | 15k | 18k | 21k | 24k | 28k | 30k | 36k | 42k | 48k | 54k | 76k | 96k |
| 4 th generation Wall Mounted Unit | Standard  | | | ● | ● | ● | ● | | ● | | ● | ● | | | | | |
| | Round Cassette  | | | | | | | | ● | | | ● | | ● | | | |
| | 4 Way Cassette (570 x 570)  | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | |
| 4 th generation Ceiling Mounted Unit | 4 Way Cassette (840 x 840)  | | | ● | ● | ● | ● | | ● | | ● | ● | ● | ● | ● | | |
| | 2 Way Cassette  | | | ● | ● | | ● | | ● | | | | | | | | |
| | 1 Way Cassette  | | ● | ● | ● | | ● | | ● | | | | | | | | |
| 4 th generation Ceiling Concealed Duct | High Static  | | ● | ● | ● | ● | ● | | ● | ● | | ● | ● | ● | ● | ● | ● |
| | Low Static  | | | ● | ● | ● | ● | | ● | | | | | | | | |
| 4 th generation Fresh Air Intake Units  | | | | | | | | | | | | | | | | ● | ● |
| 4 th generation Floor Standing | Floor Standing  | | | | | | | | | | | | | ● | | | ● |
| 4 th generation Hydro Kit | Low Temperature  | | | | | | | | | | | | ● | | | | ● |
| | High Temperature  | | | | | | | | | | | | ● | | | ● | |
| 4 th generation Energy Recovery Ventilator with DX Coil | without Humidifier  | | | | ● | | | | ● | | ● | | | | | | |

※ If 4th generation indoor units are combined to 2nd 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 (Rated) | Cooling | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | | kcal/h | 19,300 | 24,100 | 28,900 | 33,700 |
| | | Btu/h | 76,400 | 95,500 | 114,600 | 133,800 |
| | Heating | kW | 22.4 | 28.0 | 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 | Casing 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 Compressor | | 1 | 1 | 1 | 1 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 900 x 1 | 900 x 1 | 900 x 1 | 900 x 1 |
| | Air Flow Rate (High) | m ³ /min x No. | 210 x 1 | 210 x 1 | 210 x 1 | 210 x 1 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| | Gas Pipe | 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 x No. | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 |
| Weight | Net Weight | kg x No. | 177 x 1 | 177 x 1 | 177 x 1 | 186 x 1 |
| | Shipping Weight | kg x No. | 184 x 1 | 184 x 1 | 184 x 1 | 193 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 58.5 | 58.5 | 59.0 | 60.0 |
| Communication Cable | | mm ² 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) | 20 (30) | 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 (Rated) | Cooling | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | | kcal/h | 38,500 | 43,300 | 48,200 | 53,000 |
| | | Btu/h | 152,900 | 172,000 | 191,100 | 210,200 |
| | Heating | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | | kcal/h | 38,500 | 43,300 | 48,200 | 53,000 |
| | | Btu/h | 152,900 | 172,000 | 191,100 | 210,200 |
| Exterior | Casing 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 Compressor | | 1 | 2 | 2 | 2 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 1,500 x 1 | 1,500 x 1 | 1,500 x 1 | 1,500 x 1 |
| | Air Flow Rate (High) | m ³ /min x No. | 270 x 1 | 270 x 1 | 270 x 1 | 270 x 1 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 28.58 (1-1/8) | 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 x No. | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 |
| Weight | Net Weight | kg x No. | 200 x 1 | 247 x 1 | 257 x 1 | 257 x 1 |
| | Shipping Weight | kg x No. | 208 x 1 | 255 x 1 | 265 x 1 | 265 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 62.0 | 62.0 | 62.0 | 62.0 |
| Communication Cable | | mm ² 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% |



HIGH EFFICIENCY HEAT PUMP

ARUN240LTE5 / ARUN260LTE5

| HP | | | 24 | 26 |
|--|-----------------------|---------------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUN240LTE5 | ARUN260LTE5 |
| | Independent Unit | | ARUN240LTE5 | ARUN260LTE5 |
| Capacity (Rated) | Cooling | kW | 67.2 | 72.8 |
| | | kcal/h | 57,800 | 62,600 |
| | | Btu/h | 229,300 | 248,400 |
| | Heating | kW | 74.3 | 74.3 |
| | | kcal/h | 63,900 | 63,900 |
| | | Btu/h | 253,500 | 253,500 |
| Exterior | Casing 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 Compressor | | 2 | 2 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m ³ /min x No. | 320 x 1 | 320 x 1 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP |
| 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 x No. | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Weight | Net Weight | kg x No. | 276 x 1 | 276 x 1 |
| | Shipping Weight | kg x No. | 290 x 1 | 290 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 67.0 | 67.0 |
| Communication Cable | | mm ² 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.

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)

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 (Rated) | Cooling | kW | 22.4 | 28.0 | 33.6 | 39.2 |
| | | kcal/h | 19,300 | 24,100 | 28,900 | 33,700 |
| | | Btu/h | 76,400 | 95,500 | 114,600 | 133,800 |
| | Heating | kW | - | - | - | - |
| | | kcal/h | - | - | - | - |
| | | Btu/h | - | - | - | - |
| Exterior | Casing 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 Compressor | | 1 | 1 | 1 | 1 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 900 x 1 | 900 x 1 | 900 x 1 | 900 x 1 |
| | Air Flow Rate (High) | m ³ /min x No. | 210 x 1 | 210 x 1 | 210 x 1 | 210 x 1 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 12.7 (1/2) | 12.7 (1/2) |
| | Gas Pipe | 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 x No. | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 | (920 x 1,680 x 760) x 1 |
| Weight | Net Weight | kg x No. | 177 x 1 | 177 x 1 | 177 x 1 | 186 x 1 |
| | Shipping Weight | kg x No. | 184 x 1 | 184 x 1 | 184 x 1 | 193 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 58.5 | 58.5 | 59.0 | 60.0 |
| Communication Cable | | mm ² 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 (Rated) | Cooling | kW | 44.8 | 50.4 | 56.0 | 61.6 |
| | | kcal/h | 38,500 | 43,300 | 48,200 | 53,000 |
| | | Btu/h | 152,900 | 172,000 | 191,100 | 210,200 |
| | Heating | kW | - | - | - | - |
| | | kcal/h | - | - | - | - |
| | | Btu/h | - | - | - | - |
| Exterior | Casing 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 Compressor | | 1 | 2 | 2 | 2 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 1,500 x 1 | 1,500 x 1 | 1,500 x 1 | 1,500 x 1 |
| | Air Flow Rate (High) | m ³ /min x No. | 270 x 1 | 270 x 1 | 270 x 1 | 270 x 1 |
| | Drive | | DC INVERTER | DC INVERTER | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP | TOP | TOP |
| Pipe Connections | Liquid Pipe | mm (inch) | 12.7 (1/2) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| | Gas Pipe | mm (inch) | 28.58 (1-1/8) | 28.58 (1-1/8) | 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 x No. | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 | (1,240 x 1,680 x 760) x 1 |
| | Net Weight | kg x No. | 200 x 1 | 247 x 1 | 257 x 1 | 257 x 1 |
| Weight | Shipping Weight | kg x No. | 208 x 1 | 255 x 1 | 265 x 1 | 265 x 1 |
| | | | | | | |
| Sound Pressure Level | Cooling | dB(A) | 62.0 | 62.0 | 62.0 | 62.0 |
| Communication Cable | | mm ² 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% |

HIGH EFFICIENCY COOLING ONLY

ARUV240LTE5 / ARUV260LTE5



| HP | | | 24 | 26 |
|--|-----------------------|---------------------------------|----------------------------|----------------------------|
| Model Name | Combination Unit | | ARUV240LTE5 | ARUV260LTE5 |
| | Independent Unit | | ARUV240LTE5 | ARUV260LTE5 |
| Capacity (Rated) | Cooling | kW | 67.2 | 72.8 |
| | | kcal/h | 57,800 | 62,600 |
| | | Btu/h | 229,300 | 248,400 |
| | Heating | kW | - | - |
| | | kcal/h | - | - |
| | | Btu/h | - | - |
| Exterior | Casing 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 Compressor | | 2 | 2 |
| Fan | Type | | Axial Flow Fan | Axial Flow Fan |
| | Motor Output x Number | W x No. | 900 x 2 | 900 x 2 |
| | Air Flow Rate (High) | m ³ /min x No. | 320 x 1 | 320 x 1 |
| | Drive | | DC INVERTER | DC INVERTER |
| | Discharge | Side / Top | TOP | TOP |
| 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) |
| Dimensions (W x H x D) | | mm x No. | (1,240 x 1,690 x 760) x 1 | (1,240 x 1,690 x 760) x 1 |
| Weight | Net Weight | kg x No. | 276 x 1 | 276 x 1 |
| | Shipping Weight | kg x No. | 290 x 1 | 290 x 1 |
| Sound Pressure Level | Cooling | dB(A) | 67.0 | 67.0 |
| Communication Cable | | mm ² 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.
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



ENERGY SAVING AND OPTIMISED COOLING THROUGH DUAL SENSING (TEMPERATURE AND HUMIDITY SENSOR)



HEAT EXCHANGER WITH BLACK FIN FOR CORROSION RESISTANCE



LARGE CAPACITY OUTDOOR UNITS (SINGLE OUTDOOR UP TO 26 HP)



INCREASED AIR FLOW RATE WITH BIOMIMETICS FAN



HIGH COMPRESSOR RELIABILITY WITH OIL LEVEL SENSOR



AUTO DUST REMOVAL

INDOOR UNITS

WALL MOUNTED UNIT

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



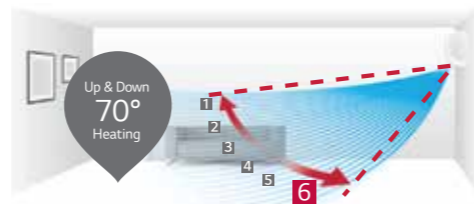
| Model | Unit | JRNU09GSJA4 | JRNU12GSJA4 | JRNU15GSJA4 | JRNU18GSKA4 | JRNU24GSKA4 | ARNU30GSVA4 | ARNU36GSVA4 |
|-----------------------------------|----------------------------|-----------------------|------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 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 | 4.0 | 5.0 | 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 x H x D) | Body (Net) | 837 x 302 x 189 | 837 x 302 x 189 | 837 x 302 x 189 | 998 x 330 x 210 | 998 x 330 x 210 | 1,190 x 346 x 265 | 1,190 x 346 x 265 |
| | Body (Gross) | 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) | m ³ /min | 9.5 / 8.2 / 7.0 / 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 |
| | ft ³ /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 | 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 | 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 (Internal Dia.) | 16 (5/8) | 16 (5/8) | 16 (5/8) | 16 (5/8) | 16 (5/8) | 16 (5/8) | 16 (5/8) |
| Weight | Body (Net) | 8.6 | 8.6 | 8.6 | 12.4 | 12.4 | 16.6 | 16.6 |
| | Body (Gross) | 11.5 | 11.5 | 11.5 | 15.5 | 15.5 | 21.2 | 21.2 |
| 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°

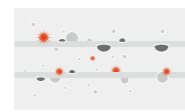
The vertical vane, which moves up and down, has 6 different settings including full swing.



※ 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 odourless 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



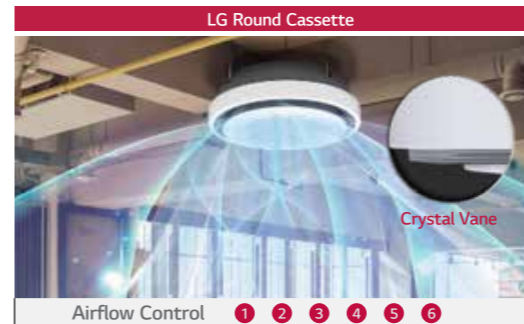
| Model | Unit | ARNU24GTYA4 | ARNU36GTYA4 | ARNU48GTYA4 |
|-----------------------------------|----------------------|------------------------|------------------------|------------------------|
| Cooling Capacity Rated | kW | 7.1 | 10.6 | 14.1 |
| | Btu/h | 24,200 | 36,200 | 48,100 |
| Heating Capacity Rated | kW | 8.0 | 11.9 | 15.9 |
| | Btu/h | 27,300 | 40,600 | 54,200 |
| Air Flow Rate (H / M / L) | m ³ /min | 22 / 21 / 19 | 27 / 24 / 21 | 32 / 28 / 23 |
| | ft ³ /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 | mm 1,050 x 330 x 1,050 | mm 1,050 x 330 x 1,050 |
| | Body (Gross) | mm 1,137 x 395 x 1,132 | mm 1,137 x 395 x 1,132 | mm 1,137 x 395 x 1,132 |
| Exterior | Color (RAL Code) | White (9003) | White (9003) | White (9003) |
| Drain Pipe | O.D / I.D | mm (inch) 32 / 25 | mm (inch) 32 / 25 | mm (inch) 32 / 25 |
| Piping Connection | Liquid Side | mm (inch) 9.52 (3/8) | mm (inch) 9.52 (3/8) | mm (inch) 9.52 (3/8) |
| | Gas Side | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) |
| Weight | Body (Net) | kg 30.0 | kg 30.0 | kg 30.0 |
| | Body (Gross) | kg 36.0 | kg 36.0 | kg 36.0 |
| Sound Pressure Levels (H / M / L) | dB(A) | 39 / 37 / 34 | 43 / 39 / 37 | 47 / 44 / 39 |
| Power Supply | Ø, V, Hz | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 |

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

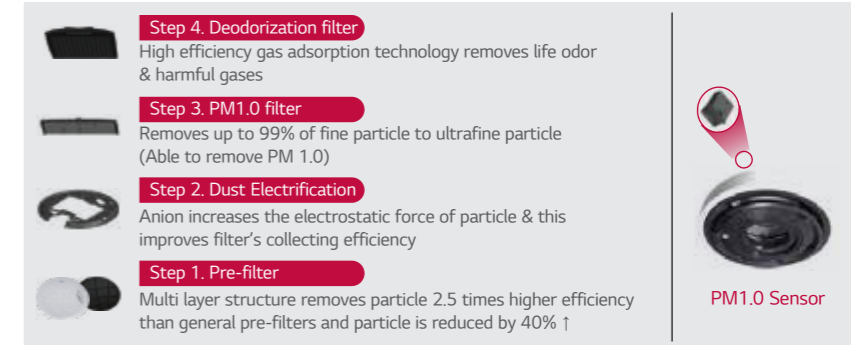
COMFORT

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



AIR PURIFICATION KIT

Smart Indicator
Color display by 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.

30% FASTER IN COOLING

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



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-UQC PT-QCHW0

| 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 x H x D) | Body (Net) | mm 570 x 214 x 570 | mm 570 x 214 x 570 | mm 570 x 214 x 570 | mm 570 x 214 x 570 |
| | Body (Gross) | mm 667 x 285 x 646 | mm 667 x 285 x 646 | mm 667 x 285 x 646 | mm 667 x 285 x 646 |
| Air Flow Rate (SH / H / M / L) | m ³ /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 |
| | ft ³ /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) | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) |
| | Gas Side | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) |
| | Drain Pipe (Internal Dia.) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) |
| | Body (Net) | kg 12.6 | kg 12.6 | kg 13.7 | kg 13.7 |
| Weight | Body (Gross) | kg 15.3 | kg 15.3 | kg 16.4 | kg 16.4 |
| | Sound Pressure Levels (SH / H / M / L) | dB(A) 30 / 29 / 27 / 26 | dB(A) 30 / 29 / 27 / 26 | dB(A) 32 / 30 / 29 / 27 | dB(A) 34 / 32 / 30 / 27 |
| Power Supply | Ø, V, Hz | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 |
| Panel | Panel Name (Accessory) | #1 : PT-UQC, #2 : PT-QCHW0 | | | |
| | Panel Color | Morning fog | | | |
| | Dimensions Panel #1 (W x H x D) | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 |
| | Dimensions Panel #2 (W x H x D) | mm 620 x 34 x 620 | mm 620 x 34 x 620 | mm 620 x 34 x 620 | mm 620 x 34 x 620 |
| | Dimensions Panel #1 (W x H x D) | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 |

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 x H x D) | Body (Net) | mm 570 x 256 x 570 | mm 570 x 256 x 570 | mm 570 x 256 x 570 |
| | Body (Gross) | mm 667 x 327 x 646 | mm 667 x 327 x 646 | mm 667 x 327 x 646 |
| Air Flow Rate (SH / H / M / L) | m ³ /min | 12.8 / 11.0 / 10.0 / 9.3 | 12.7 / 11.2 / 11.0 / 10.0 | 13.9 / 12.0 / 11.1 / 9.4 |
| | ft ³ /min | 453 / 388 / 353 / 328 | 447 / 396 / 388 / 353 | 490 / 424 / 392 / 332 |
| Pipe Connections | Liquid Side | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 9.52 (3/8) |
| | Gas Side | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 15.88 (5/8) |
| | Drain Pipe (Internal Dia.) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) |
| | Body (Net) | kg 15.0 | kg 15.0 | kg 15.0 |
| Weight | Body (Gross) | kg 17.9 | kg 17.9 | kg 17.9 |
| | Sound Pressure Levels (SH / H / M / L) | dB(A) 40 / 36 / 34 / 32 | dB(A) 39 / 37 / 35 / 34 | dB(A) 44 / 40 / 38 / 34 |
| Power Supply | Ø, V, Hz | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 |
| Panel | Panel Name (Accessory) | #1 : PT-UQC, #2 : PT-QCHW0 | | |
| | Panel Color | Morning fog | | |
| | Dimensions Panel #1 (W x H x D) | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 |
| | Dimensions Panel #2 (W x H x D) | mm 620 x 34 x 620 | mm 620 x 34 x 620 | mm 620 x 34 x 620 |
| | Dimensions Panel #1 (W x H x D) | mm 700 x 22 x 700 | mm 700 x 22 x 700 | mm 700 x 22 x 700 |

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 | ○ | ○ | ○ | ○ |

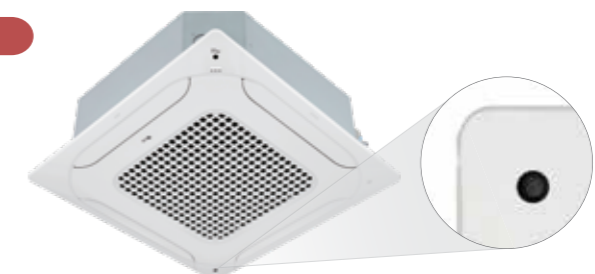
※ ○ : Applied, - : Not applied

KEY FEATURES

HUMAN DETECTION SENSOR

4 WAY CASSETTE (840 X 840)

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



Human Detection Sensor (PTV5MA0)

- 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 sensing 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 upto 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-MCGWO
(For human detection)



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

※ 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 | 4.0 | 5.0 | 6.3 | 8.0 |
| | 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 x H x D) | Body (Net) | mm 840 x 204 x 840 | mm 840 x 204 x 840 | mm 840 x 204 x 840 | mm 840 x 204 x 840 | mm 840 x 204 x 840 |
| | Body (Gross) | mm 922 x 276 x 917 | mm 922 x 276 x 917 | mm 922 x 276 x 917 | mm 922 x 276 x 917 | mm 922 x 276 x 917 |
| Air Flow Rate (SH / H / M / L) | m ³ /min | 13 / 12 / 11 / 10 | 14 / 13 / 12 / 11 | 17 / 15 / 14 / 12 | 18 / 16 / 15 / 13 | 21 / 17 / 15 / 13 |
| | ft ³ /min | 459 / 424 / 388 / 353 | 494 / 459 / 424 / 388 | 600 / 530 / 494 / 424 | 636 / 565 / 530 / 459 | 742 / 600 / 530 / 459 |
| Pipe Connections | Liquid Side | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 9.52 (3/8) |
| | Gas Side | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 15.88 (5/8) |
| | Drain Pipe (Internal Dia.) | mm (inch) 25 | mm (inch) 25 | mm (inch) 25 | mm (inch) 25 | mm (inch) 25 (1) |
| Weight | Body (Net) | kg 20.8 | kg 20.8 | kg 20.8 | kg 20.8 | kg 20.8 |
| | Body (Gross) | kg 23.7 | kg 23.7 | kg 23.7 | kg 23.7 | kg 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 | 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-UMC2, #2 : PT-MCGWO (Human detection), #3 : PT-MPGWO (Human detection, Air Purification) | | | | |
| | Panel Color | Morning fog | | | | |
| | Dimensions Panel #1 (W x H x D) | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 |
| | Dimensions Panel #2 & 3 (W x H x D) | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 950 x 35 x 950 |

JRNU30GTPA4 / JRNU36GTNA4 / JRNU42GTMA4 JRNU48GTMA4 / JRNU54GTMA4

| Model | Unit | JRNU30GTPA4 | JRNU36GTNA4 | JRNU42GTMA4 | JRNU48GTMA4 | JRNU54GTMA4 |
|--|-------------------------------------|--|-------------------------|---------------------------|-----------------------------|-----------------------------|
| Cooling Capacity | kW | 9.0 | 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 | 10.0 | 11.9 | 13.8 | 15.9 | 18.0 |
| | 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 x H x D) | Body (Net) | mm 840 x 204 x 840 | mm 840 x 246 x 840 | mm 840 x 288 x 840 | mm 840 x 288 x 840 | mm 840 x 288 x 840 |
| | Body (Gross) | mm 922 x 276 x 917 | mm 922 x 318 x 917 | mm 922 x 360 x 917 | mm 922 x 360 x 917 | mm 922 x 360 x 917 |
| Air Flow Rate (SH / H / M / L) | m ³ /min | 25 / 24 / 23 / 20 | 30 / 25 / 21 / 19 | 32 / 30 / 27 / 24 | 33 / 31 / 29 / 27 | 36 / 34 / 32 / 27 |
| | ft ³ /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) | mm (inch) 9.52 (3/8) | mm (inch) 9.52 (3/8) | mm (inch) 9.52 (3/8) | mm (inch) 9.52 (3/8) |
| | Gas Side | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) | mm (inch) 15.88 (5/8) |
| | Drain Pipe (Internal Dia.) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) |
| Weight | Body (Net) | kg 20.8 | kg 23.5 | kg 25.6 | kg 25.6 | kg 25.6 |
| | Body (Gross) | kg 23.7 | kg 27.3 | kg 30.1 | kg 30.1 | kg 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 | 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-UMC2, #2 : PT-MCGWO (Human detection), #3 : PT-MPGWO (Human detection, Air Purification) | | | | |
| | Panel Color | Morning fog | | | | |
| | Dimensions Panel #1 (W x H x D) | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 | mm 950 x 25 x 950 |
| | Dimensions Panel #2 & 3 (W x H x D) | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 950 x 35 x 950 | mm 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

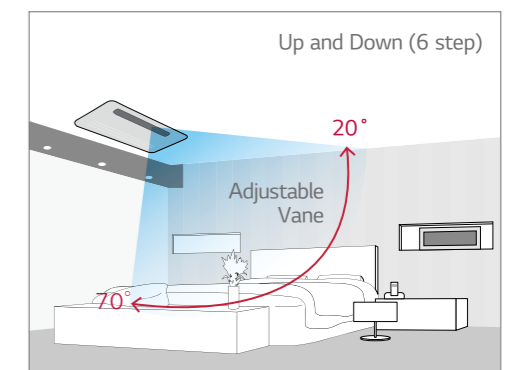
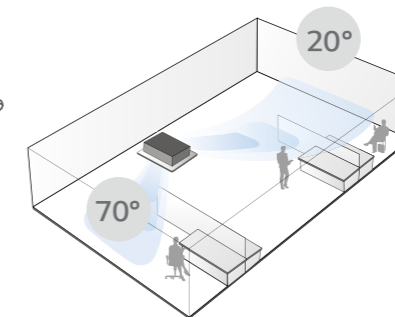
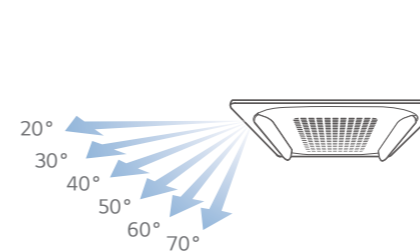
| Model | Unit | ARNU09GTSA4 | ARNU12GTSA4 | ARNU18GTSA4 | ARNU24GTSA4 |
|--|----------------------------|-------------------------|--------------------------|--------------------------|---------------------------|
| Cooling Capacity | kW | 2.8 | 3.6 | 5.6 | 7.1 |
| | kcal/h | 2,400 | 3,100 | 4,800 | 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 x H x D) | Body (Net) | mm 830 x 225 x 600 | mm 830 x 225 x 600 | mm 830 x 225 x 600 | mm 830 x 225 x 600 |
| | Body (Gross) | mm 1,055 x 290 x 682 | mm 1,055 x 290 x 682 | mm 1,055 x 290 x 682 | mm 1,055 x 290 x 682 |
| Air Flow Rate (SH / H / M / L) | m ³ /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 ³ /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) | mm (inch) 6.35 (1/4) | mm (inch) 6.35 (1/4) | mm (inch) 9.52 (3/8) |
| | Gas Side | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 12.7 (1/2) | mm (inch) 15.88 (5/8) |
| | Drain Pipe (Internal Dia.) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) | mm (inch) 25 (1) |
| Weight | Body (Net) | kg 18.1 | kg 18.1 | kg 18.1 | kg 18.1 |
| | Body (Gross) | kg 22.5 | kg 22.5 | kg 22.5 | kg 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 | Ø, V, Hz | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 |
| Panel | Panel Name (Accessory) | PT-USC | | | |
| | Dimensions (W x H x D) | mm 1,100 x 28 x 690 | mm 1,100 x 28 x 690 | mm 1,100 x 28 x 690 | mm 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

ARNU07GTUB4 / ARNU09GTUB4 / ARNU12GTUB4
ARNU18GTTB4 / ARNU24GTTB4



For ARNU - GTUB4 (860 x 450)

For ARNU - GTTB4 (1,180 x 450)



PT-UAHWO



PT-UAHGO
(Glossy, For Air Purification)



PT-TAHWO



PT-TAHGO
(Glossy, For Air Purification)

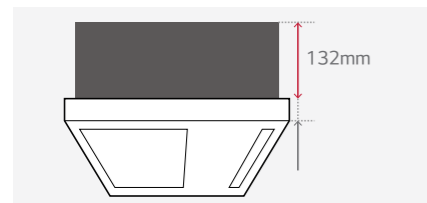
| Model | Unit | ARNU07GTUB4 | ARNU09GTUB4 | ARNU12GTUB4 | ARNU18GTTB4 | ARNU24GTTB4 |
|--|---------------------------------|---|-------------|-------------|-------------|-------------|
| Cooling Capacity | kW | 2.2 | 2.8 | 3.6 | 5.6 | 7.1 |
| | kcal/h | 1,900 | 2,400 | 3,100 | 4,800 | 6,100 |
| | Btu/h | 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 | | | | |
| Dimensions (W x H x D) | Body (Net) | 860 x 132 x 450 | | | | |
| | Body (Gross) | 1,129 x 259 x 538 | | | | |
| Air Flow Rate (SH / H / M / L) | m ³ /min | 8.7 / 8.2 / 7.3 / 6.4 | | | | |
| | ft ³ /min | 305 / 290 / 258 / 226 | | | | |
| Pipe Connections | Liquid Side | 6.35 (1/4) | | | | |
| | Gas Side | 12.7 (1/2) | | | | |
| | Drain Pipe (Internal Dia.) | 25 (1) | | | | |
| Weight | Body (Net) | 13.6 | | | | |
| | Body (Gross) | 15.7 | | | | |
| Sound Pressure Levels (SH / H / M / L) | dB(A) | 34 / 32 / 29 / 25 | | | | |
| Power Supply | Ø, V, Hz | 1, 220-240, 50/60 | | | | |
| Panel | Panel Name (Accessory) | #1 : PT-UAHWO, #2 : PT-UPHGO (Air Purification) | | | | |
| | Dimensions Panel #1 (W x H x D) | 1,100 x 34 x 500 | | | | |
| | Dimensions Panel #2 (W x H x D) | 1,160 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 (Unit : mm)

| | A company | B company | LG |
|----------------|-----------|-----------|-----|
| 1 Way Cassette | 215 | 230 | 132 |

AIR PURIFICATION

- AIR-PURIFYING FILTER THAT REMOVES UPTO 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

KEY APPLICATIONS

RETAIL | SCHOOL | OFFICE | HOTEL | DORMITORY | RESTAURANT

CEILING CONCEALED DUCT

HIGHLIGHTS OF HIGH AND LOW STATIC DUCT

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

※ ○ : Applied, - : Not applied

LOW STATIC DUCT



JRNU09GL5G4 / JRNU12GL5G4 / JRNU15GL5G4
JRNU18GL5G4 / JRNU24GL6G4

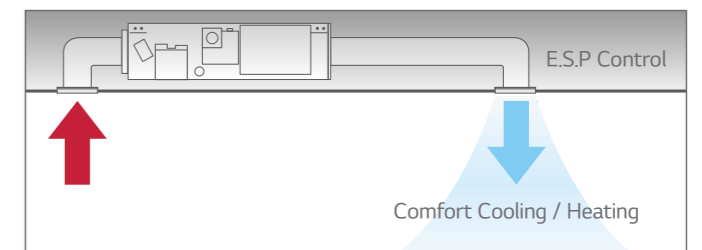
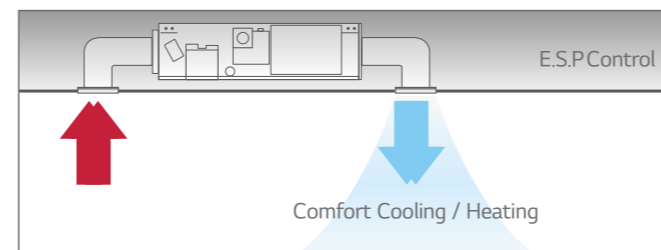
| Model | Unit | JRNU09GL5G4 | JRNU12GL5G4 | JRNU15GL5G4 | JRNU18GL5G4 | JRNU24GL6G4 |
|--|----------------------------|------------------------|-------------|-------------|-------------|-------------|
| Cooling capacity | kW | 2.8 | 3.6 | 4.5 | 5.6 | 7.1 |
| | kcal/h | 2,400 | 3,100 | 3,900 | 4,800 | 6,100 |
| | Btu/h | 9,600 | 12,300 | 15,400 | 19,100 | 24,200 |
| Heating capacity | kW | 3.2 | 4.0 | 5.0 | 6.3 | 8.0 |
| | 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 | | | | |
| Dimensions (W x H x D) | Body (Net) | 900 x 190 x 460 | | | | |
| | Body (Gross) | 1,125 x 255 x 561 | | | | |
| Air Flow Rate (H / M / L) (High Mode-Factory set) External Static Pressure | m ³ /min | 8.5 / 8.0 / 7.0 | | | | |
| | ft ³ /min | 300 / 283 / 247 | | | | |
| | mmAq (Pa) | 1 (10) | | | | |
| Air Flow Rate (H / M / L) (Standard Mode) External Static Pressure | m ³ /min | 8.5 / 8.0 / 7.0 | | | | |
| | ft ³ /min | 300 / 283 / 247 | | | | |
| | mmAq (Pa) | 0 (0) | | | | |
| Pipe Connections | Liquid Side | 6.35 (1/4) | | | | |
| | Gas Side | 12.7 (1/2) | | | | |
| | Drain Pipe (Internal Dia.) | 25.0 | | | | |
| Weight | Body (Net) | 20 | | | | |
| | Body (Gross) | 22.2 | | | | |
| Sound Pressure Levels (H / M / L) | dB(A) | 30 / 29 / 26 | | | | |
| Power Supply | Ø, V, Hz | 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

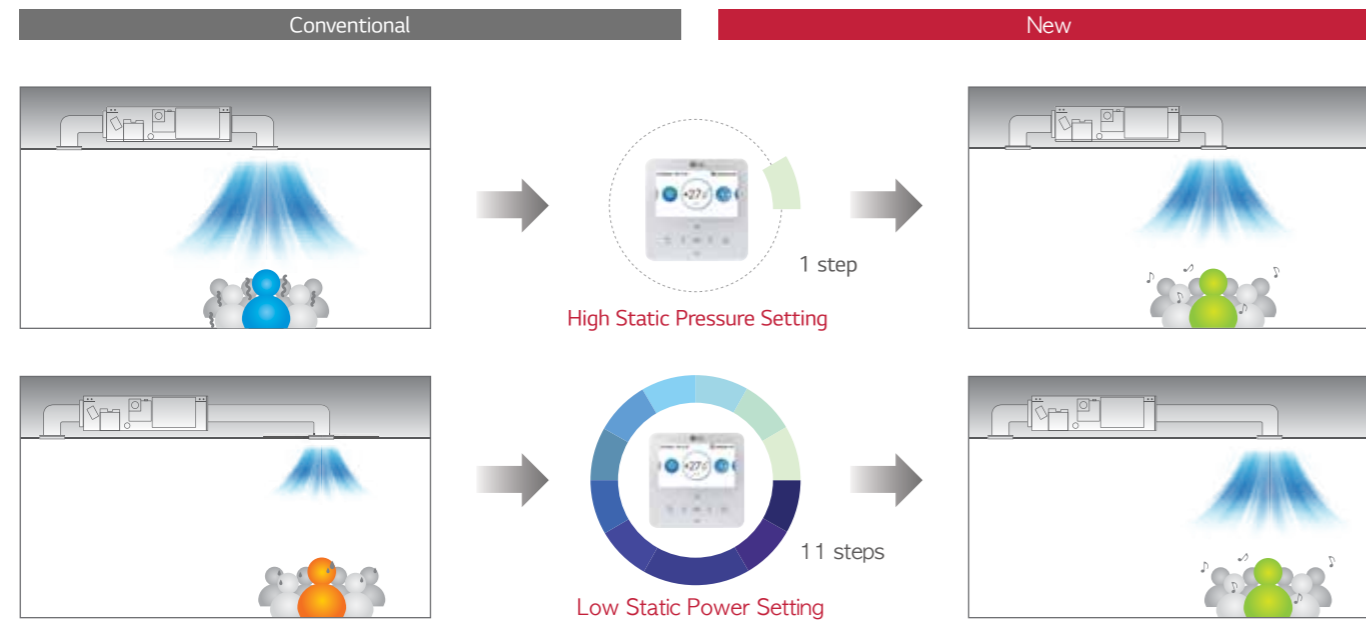
E.S.P (EXTERNAL STATIC PRESSURE) CONTROL

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.



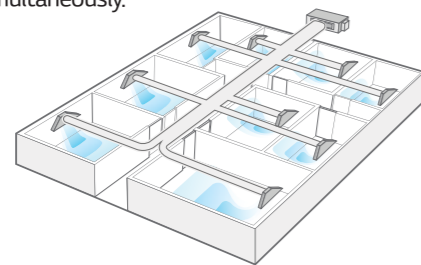
STATIC PRESSURE 11 STEPS CONTROL

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.



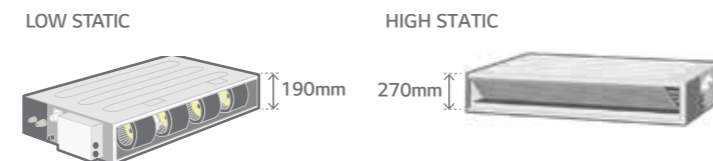
OPERATION FOR MULTIPLE ROOMS

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



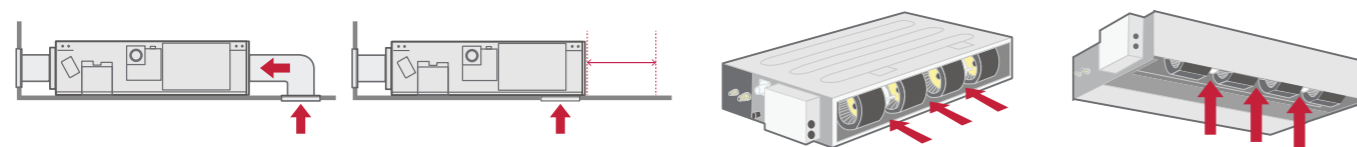
MINIMISED HEIGHT

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 | CHURCH
HISTORIC BUILDING

UV NANO FILTER BOX



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) | mm | 1,048 x 340 x 377 |
| Net Weight | kg | 9.1 |
| Shipping Weight | kg | 11.4 |
| Filter (1) | Size (W x H x D) | 600 x 251 x 50.8 |
| | Quantity | 1 |
| | Grade 1 | ePM1 65% |
| Filter (2) | Grade 2 | MERV 13 |
| | Size (W x H x D) | 250 x 251 x 50.8 |
| | Quantity | 1 |
| Pre-Filter (1) | Grade 1 | ePM1 65% |
| | Grade 2 | MERV 13 |
| | Size (W x H x D) | 596 x 247 x 4 |
| Pre-Filter (2) | Mesh | 34 x 39 |
| | Color | Black |
| | Quantity | 1 |
| Pre-Filter (3) | Size (W x H x D) | 247 x 247 x 4 |
| | Mesh | 34 x 39 |
| | Color | Black |
| Pre-Filter (4) | Quantity | 1 |
| | LED Quantity | 8 |
| | UVnano | Input |
| | Wavelength | 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 x H x D) | Body (Net) | mm | 900 x 270 x 700 | 900 x 270 x 700 | 900 x 270 x 700 | 900 x 270 x 700 | 900 x 270 x 700 | |
| | Body (Gross) | mm | 1,100 x 338 x 773 | 1,100 x 338 x 773 | 1,100 x 338 x 773 | 1,100 x 338 x 773 | 1,100 x 338 x 773 | 1,100 x 338 x 773 |
| Fan | Air Flow Rate (H / M / L) (Factory set) | m ³ /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 ³ /min | 318 / 265 / 212 | 336 / 265 / 212 | 388 / 318 / 247 | 565 / 424 / 318 | 600 / 512 / 424 | 671 / 565 / 494 |
| | External Static Pressure | 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) | 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 | 25.5 | 25.5 | 25.5 | 25.5 | 26.5 | |
| | Body (Gross) | kg | 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, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | 1, 220-240, 50/60 | |



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 | 28.0 | |
| | kcal/h | 7,100 | 9,100 | 10,600 | 12,100 | 13,600 | 19,300 | 24,100 | |
| | 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 | |
| | kcal/h | 8,000 | 10,200 | 11,000 | 13,600 | 15,500 | 21,700 | 27,100 | |
| | Btu/h | 31,500 | 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 x H x D) | Body (Net) | mm | 1,182 x 298 x 450 | 1,182 x 298 x 450 | 1,182 x 298 x 450 | 1,182 x 298 x 450 | 1,230 x 380 x 590 | 1,562 x 460 x 688 | |
| | Body (Gross) | mm | 1,415 x 360 x 565 | 1,415 x 360 x 565 | 1,415 x 360 x 565 | 1,415 x 360 x 565 | 1,420 x 460 x 695 | 1,806 x 537 x 825 | |
| Fan | Type | Sirocco Fan | Sirocco Fan | Sirocco Fan | Sirocco Fan | Sirocco Fan | Sirocco Fan | Sirocco Fan | |
| | Air Flow Rate (H / M / L) (High Mode-factory set) | m ³ /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 |
| | External Static Pressure | mmAq (Pa) | 10 (98) | 10 (98) | 10 (98) | 10 (98) | 14 (137) | 22 (216) | |
| 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) | 19.05 (3/4) | 22.2 (7/8) | |
| | Drain Pipe (Internal Dia.) | mm (inch) | 25 (1) | 25 (1) | 25 (1) | 25 (1) | 25 (1) | 25 (1) | |
| 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

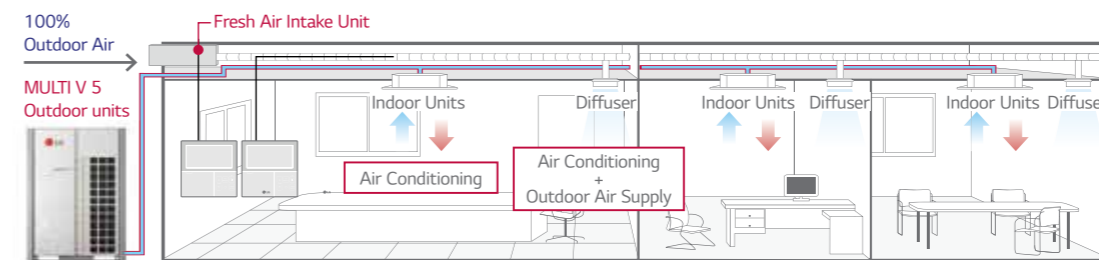
| Model | Unit | ARNU76GB8Z4 | ARNU96GB8Z4 |
|-----------------------------------|--|------------------------|------------------------|
| Cooling Capacity | kW | 22.4 | 28.0 |
| | kcal/h | 19,300 | 24,100 |
| | Btu/h | 76,400 | 95,900 |
| Heating Capacity | kW | 21.4 | 26.7 |
| | kcal/h | 18,410 | 23,000 |
| | Btu/h | 73,080 | 91,360 |
| Casing | | Galvanized Steel Plate | Galvanized Steel Plate |
| Dimensions (W x H x D) | Body (Net) | mm | 1,562 x 460 x 688 |
| | Body (Gross) | mm | 1,806 x 537 x 825 |
| Fan | Air Flow Rate (H / M / L) (High static Mode-factory set) | m ³ /min | 23.7 / 13.2 / 13.2 |
| | | ft ³ /min | 837 / 446 / 446 |
| | External Static Pressure | mmAq (Pa) | 22 |
| Pipe Connections | Liquid Side | mm (inch) | 9.52 (3/8) |
| | Gas Side | mm (inch) | 19.05 (3/4) |
| | Drain Pipe (Internal Dia.) | mm | 25 |
| Weight | Body (Net) | kg | 73 |
| | Body (Gross) | kg | 81.65 |
| Sound Pressure Levels (H / M / L) | dB(A) | 45 / 43 / 43 | 47 / 45 / 45 |
| Power Supply | Ø, V, Hz | 1, 220-240, 50/60 | 1, 220-240, 50/60 |

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

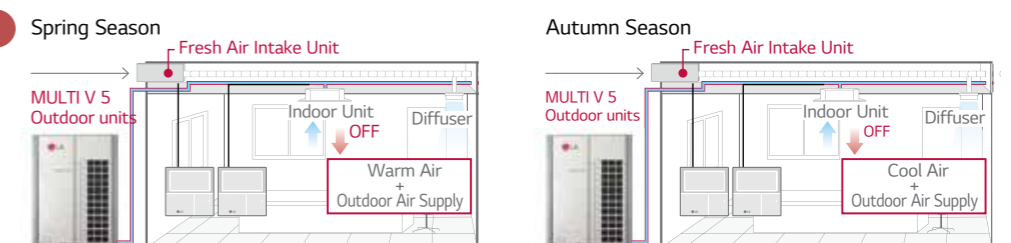
FRESH OUTDOOR AIR SUPPLY

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 | Galvanized Steel Plate |
| Dimensions (W x H x D) | Body (Net) | mm | 590 x 1,840 x 440 | 1,050 x 1,880 x 495 |
| | Body (Gross) | mm | 690 x 1,946 x 531 | 1,144 x 2,020 x 583 |
| Air Flow Rate (SH / H / M / L) (Standard Mode) | m ³ /min | | 37 / 33 / 28 / 24 | 68 / 61 / - / 50 |
| | ft ³ /min | | 1,307 / 1,166 / 989 / 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) |
| 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, 60 | 1, 220, 60 |

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 131.8m²

| Type | Floor Standing |
|--------------------------------|----------------|
| Air Flow (m ³ /min) | 68 |

KEY APPLICATIONS

FACTORY | RETAIL | SHOP | OFFICE | RESTAURANT

ERV WITH DX COIL



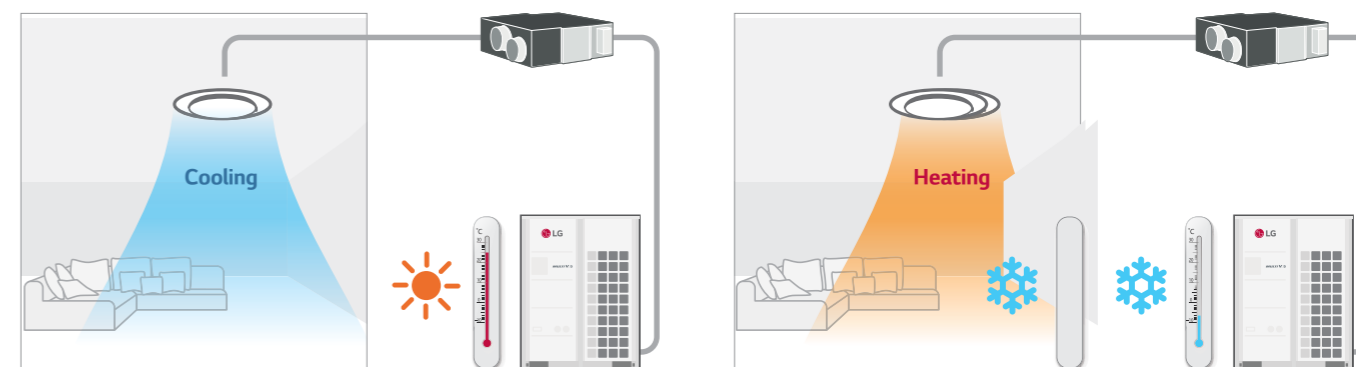
LZ-H050GXN4 / LZ-H080GXN4
LZ-H100GXN4

| Model | | Unit | LZ-H050GXN4 | LZ-H080GXN4 | LZ-H100GXN4 |
|---------------------------------|---------------------------------------|-----------|--|-----------------|---------------------|
| Fresh Air Conditioning Load | Cooling (Coil) | kW | 4.93 (3.7) | 7.46 (5.6) | 9.12 (6.6) |
| | Heating (Coil) | kW | 6.73 (3.7) | 9.80 (5.6) | 11.72 (6.6) |
| Temperature Exchange Efficiency | SH / H / L | % | 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 |
| | Heating (SH / H / L) | % | 76 / 76 / 77 | 67 / 67 / 69 | 64 / 64 / 66 |
| Operation Range | Outdoor air Temperature | °C | -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 |
| | Bypass Mode (SH / H / L) | CMH | 500 / 500 / 440 | 800 / 800 / 640 | 1,000 / 1,000 / 820 |
| Fan | External Static Pressure (SH / H / L) | Pa | 180 / 150 / 110 | 170 / 120 / 80 | 150 / 100 / 70 |
| Sound Pressure | Heat Exchange Mode (SH / H / L) | dB(A) | 39 / 37 / 35 | 41 / 38 / 36 | 41 / 39 / 36 |
| | Bypass Mode (SH / H / L) | dB(A) | 39 / 37 / 35 | 41 / 38 / 36 | 41 / 39 / 36 |
| Refrigerant | | | R410A | | |
| Power Supply | | ∅, V, Hz | 1, 220-240, 50 / 60 | | |
| Heat Exchange System | | | Air to air cross flow total heat (Sensible + Latent heat) exchange | | |
| Heat Exchange Element | | | Specially processed non-flammable paper | | |
| Air Filter | | | Multidirectional fibrous fleeces | | |
| Dimensions | W x H x D | mm | 1,667 x 365 x 1,140 | | |
| Net Weight | | kg | 98 | | |
| | | kg | 6.35 | | |
| Piping Connection | Liquid | mm | 6.35 | | |
| | Gas | mm | 12.7 | | |
| | Water | mm | - | | |
| Connection Duct Diameter | Drain Pipe (Internal Dia.) | mm (inch) | 25 (1) | | |
| | | mm | 250 | | |

KEY FEATURES

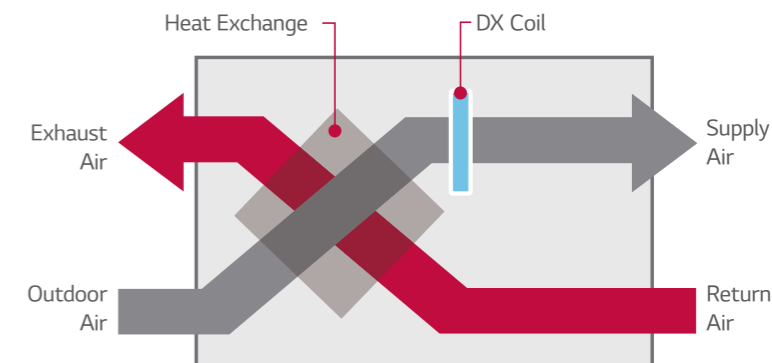
PROVIDING COOL & WARM FRESH AIR

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.



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