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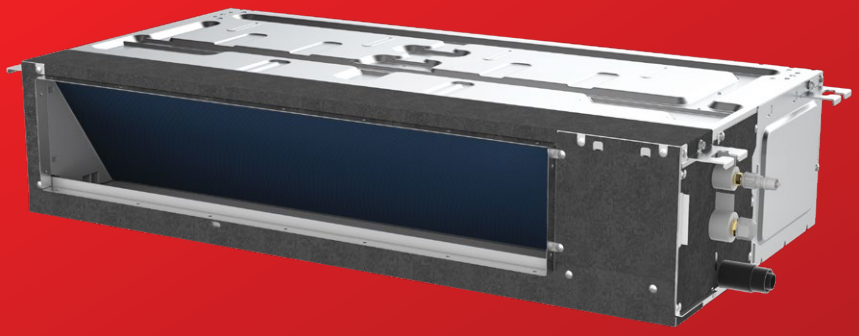
# LXDY-H SERIES

### Low Voltage Limit
The air conditioner operates normally under a power voltage range of 130V to 265V, unaffected by unstable power grids.

### Wide Temperature Option
Suitability for all seasons. Starts at low temperatures as low as -15°C and operates stably at high temperatures up to 49°C.

### Golden Fin Coating
Anticorrosive golden coating to protect the condensing unit against harsh conditions and improve heat efficiency.

### 7 Fan Speed Settings
A wide range of fan speed settings to choose from to enable comfort and avoid cold drafts.



# LXDY-H
## SERIES

### Fresh Air Intake
Design including fresh air intake hole which can introduce fresh air into the room to ensure high air quality.

### Timer Function
Turn your air conditioner on or off within a desired time range from 0.5 to 24 hours to save energy.

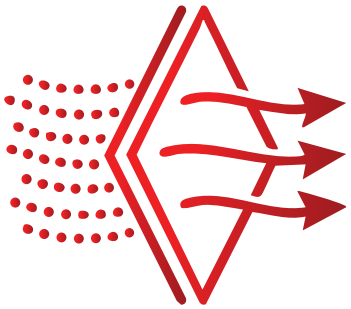
### Power Outages Memory
In case of power outage during air conditioner operation, the unit will resume operation with the previous settings once power is restored.

### Fire-Proof Electric Box
Uses the highest-grade fireproof materials to protect internal control components in the electrical control box and prevent fire hazards caused by internal or external factors.

### Sleep Mode
Designed to provide users with quiet and comfortable airflow, promoting healthy and restful sleep and making it easier to enter a deep sleep state.

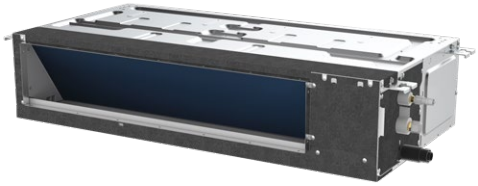
## Filter Cleaner Reminder

The unit can record its running time to inform the user to clean the filter at their set time. This would avoid prolonged cleaning and filter blockage, which can result in poor heating/cooling effect, bacterial breeding, and other problems



When the running time reaches the filter screen cleaning reminder time set by a user, the unit will give out a reminder of filter screen cleaning, wired controller displays icon. At this moment, long press "Timer" button for 5S to cancel the reminder, then the icon does not display. A filter screen cleaning reset signal is sent to the unit.

# Technical Specs
## Ducted Type - Heat Pump



| Indoor Unit Model | | | LXDYHA12V1S | LXDYHA18V1S | LXDYHA24V1S | LXDYHA36V1S |
|---|---|---|---|---|---|---|
| Outdoor Unit Model | | | MXYHA12V1SU | MXYHA18V1SU | MXYHA24V1SU | MXYHA36V1SU |
| Unit Type | | | Concealed / Duct Type, Inverter Unit | | | |
| Power Supply | | V,Hz,Ph | Indoor Unit：220-240V~/50Hz/1P<br>Outdoor Unit：220-240V~/50Hz/1P | | | |
| Cooling (T1) | Capacity (Min - Max) | Btu/h | 12000 (3500~12750) | 18000 (5200~19100) | 24000 (7400~25590) | 36000(12280~37530) |
| | | kW | 3.52 (0.60~3.90) | 5.30 (1.53~5.61) | 7.03 (2.16~7.50) | 10.55(3.60~11.00) |
| | Power Input | kW | 1.07(0.30~1.50) | 1.60 (0.47~1.90) | 2.15 (0.67~2.40) | 3.40 (0.42~3.80) |
| | EER | W/W | 3.30 | 3.31 | 3.27 | 3.10 |
| Heating (H1) | Capacity (Min - Max) | Btu/h | 13650(2400~14330) | 19100 (4800~20300) | 25590 (6755~25930) | 39880(9210~40940) |
| | | kW | 4.00(0.60~4.20) | 5.60 (1.40~5.94) | 7.60 (1.98~7.90) | 11.7(2.70~12.00) |
| | Power Input | kW | 1.08(0.25~1.45) | 1.40 (0.46~1.90) | 1.90 (0.65~2.65) | 3.08 (0.80~3.35) |
| | COP | W/W | 3.70 | 4.00 | 4.00 | 3.80 |
| Indoor Unit | Air Flow (H/M/L/Q) | m3/h | 600/500/420/300 | 900/800/670/550 | 1300/1150/1050/950 | 1700/1500/1300/1100 |
| | External Static Pressure(Range) | Pa | 0~80 | 0~160 | 0~160 | 0~160 |
| | Sound Pressure | dB(A) | 31/29/26/24 | 40/38/35/33 | 40/38/35/33 | 44/42/39/37 |
| | Net Dimension (W*D*H) | mm | 700×450×198 | 700×700×245 | 1000×700×245 | 1000×700×245 |
| | Packing Dimension (W*D*H) | mm | 865×535×255 | 930×830×300 | 1230×830×300 | 1230×830×300 |
| | Net Weight / Gross Weight | Kg | 12.5 / 15.0 | 21.5 / 25.5 | 26 / 31 | 28 / 33 |
| Compressor | Type | | Inverter Rotary | | | |
| Outdoor Unit | Sound Pressure Level | dB(A) | 52 | 52 | 55 | 56 |
| | Net Dimension (W*D*H) | mm | 705×279×530 | 705×279×530 | 785×300×555 | 900×360×700 |
| | Packing Dimension (W*D*H) | mm | 825×345×595 | 825×345×595 | 900×380×615 | 1020×430×760 |
| | Net Weight | kg | 21.5 | 22 | 28 | 42 |
| | Gross Weight | kg | 23.5 | 24 | 30.5 | 45.5 |
| Thermostat Type | | | Wired Remote Controller | | | |
| Refrigerant | Type | | R32 | R32 | R32 | R32 |
| | Charged Volume | kg | 0.63 | 0.7 | 1.1 | 1.5 |
| Design Pressure | | MPa | 4.4 | 4.4 | 4.2 | 4.4 |
| Drainage Pipe Size | | mm (in) | DN20 (3/4) | | | |
| Refrigerant Piping | Liquid Side Size | mm (in) | 6.35(1/4) | 6.35(1/4) | 9.52(3/8) | 9.52(3/8) |
| | Gas Side Size | mm (in) | 9.52(3/8) | 12.7(1/2) | 15.88(5/8) | 15.88(5/8) |
| | Max. Length | m | 25 | 30 | 50 | 65 |
| | Max. Height | m | 15 | 20 | 25 | 30 |
| Max. Input Consumption | | W | 1600 | 2000 | 2500 | 4000 |
| Max. Current | | A | 8 | 8.5 | 12 | 18 |
| Power Wiring (Outdoor) | | mm2 | 3×1.0 | 3×1.5 | 3×2.5 | 3×2.5 |
| Connection Wiring (IDU&ODU) | | mm2 | 4×0.75 | 4×0.75 | 4×0.75 | 4×0.75 |
| Cooling | | °C | 0-49 | | | |
| Heating | | °C | -15-24 | | | |

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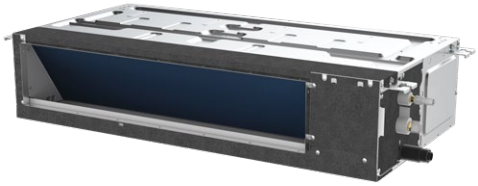
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# Technical Specs
## Ducted Type - Heat Pump



| Indoor Unit Model | | | LXDYHA48V1S | LXDYHA55V1S |
|---|---|---|---|---|
| Outdoor Unit Model | | | MXYHA48Y1SU | MXYHA55Y1SU |
| Unit Type | | | Concealed / Duct Type, Inverter Unit | |
| Power Supply | | V,Hz,Ph | Indoor Unit：220-240V~/50Hz/1P<br>Outdoor Unit：380-415V~/50Hz/3P | |
| Cooling (T1) | Capacity (Min - Max) | Btu/h | 48000 (14330~49540) | 55000 (16400~57320) |
| | | kW | 14.07(4.20~14.52) | 16.12 (4.80~16.80) |
| | Power Input | kW | 4.67 (1.21~6.30) | 5.36 (1.38~6.80) |
| | EER | W/W | 3.01 | 3.01 |
| Heating (H1) | Capacity (Min - Max) | Btu/h | 52000 (15700~58000) | 60050 (16700~62780) |
| | | kW | 15.24(4.60~17.00) | 17.60 (4.90~18.40) |
| | Power Input | kW | 4.22(0.92~5.80) | 5.16 (0.98~6.00) |
| | COP | W/W | 3.61 | 3.41 |
| Indoor Unit | Air Flow (H/M/L/Q) | m3/h | 2300/2000/1700/1500 | 2300/2000/1700/1500 |
| | External Static Pressure(Range) | Pa | 0~160 | 0~160 |
| | Sound Pressure | dB(A) | 48/46/44/41 | 48/46/44/41 |
| | Net Dimension (W*D*H) | mm | 1400×700×245 | 1400×700×245 |
| | Packing Dimension (W*D*H) | mm | 1630×830×300 | 1630×830×300 |
| | Net Weight / Gross Weight | Kg | 36 / 42 | 36 / 42 |
| Compressor | Type | | Inverter Rotary | |
| Outdoor Unit | Sound Pressure Level | dB(A) | 58 | 58 |
| | Net Dimension (W*D*H) | mm | 970×395×805 | 940×373×1320 |
| | Packing Dimension (W*D*H) | mm | 1105×495×885 | 1080×430×1440 |
| | Net Weight | kg | 62 | 77 |
| | Gross Weight | kg | 66.5 | 87 |
| Thermostat Type | | | Wired Remote Controller | |
| Refrigerant | Type | | R32 | R32 |
| | Charged Volume | kg | 1.6 | 2.25 |
| Design Pressure | | MPa | 4.2 | 4.2 |
| Drainage Pipe Size | | mm (in) | DN20 (3/4) | |
| Refrigerant Piping | Liquid Side Size | mm (in) | 9.52(3/8) | 9.52(3/8) |
| | Gas Side Size | mm (in) | 15.88(5/8) | 15.88(5/8) |
| | Max. Length | m | 65 | 65 |
| | Max. Height | m | 30 | 30 |
| Max. Input Consumption | | W | 6800 | 7200 |
| Max. Current | | A | 12 | 12 |
| Power Wiring (Outdoor) | | mm2 | 5×2.5 | 5×2.5 |
| Connection Wiring (IDU&ODU) | | mm2 | 4×0.75 | 4×0.75 |
| Cooling | | °C | 0-49 | |
| Heating | | °C | -15-24 | |

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