

1. SPECIFICATIONS

| Model | | | PUHY-P168TSHMU-A(-BS) | |
|--|------------------|---------------|--------------------------------------|--|
| Power source | | | 3-phase 3-wire 208-230V ±10% 60Hz | |
| Cooling capacity (Nominal) (208-230) | *1 | BTU / h | 168,000 | |
| | *1 | kW | 49.2 | |
| | | Power input | kW | |
| | | Current input | A | |
| Temp. range of cooling | Indoor | W.B. | 59 to 75degF(15 to 24degC) | |
| | Outdoor | D.B. | 23 to 109degF(-5 to 43degC) | |
| Heating capacity (Nominal) (208-230) | *2 | BTU / h | 188,000 | |
| | *2 | kW | 55.1 | |
| | | Power input | kW | |
| | | Current input | A | |
| Temp. range of heating | Indoor | D.B. | 59 to 81degF(15 to 27degC) | |
| | Outdoor | W.B. | -4 to 60degF(-20 to 15.5degC) | |
| Indoor unit connectable | Total capacity | | 50 to 130 % of outdoor unit capacity | |
| | Model / Quantity | | P06 to P96 / 1 to 36 | |
| Sound pressure level (measured in anechoic room) | | | dB <A> | |
| | | | 61.0 | |
| Refrigerant piping diameter | Liquid pipe | in. (mm) | 5/8"(15.88) Brazed | |
| | Gas pipe | in. (mm) | 1-1/8"(28.58) Brazed | |

| Set Model | | | PUHY-P72THMU-A(-BS) | | PUHY-P96THMU-A(-BS) | |
|---------------------------------------|-----------------------------|----------------------|---|--|---|--|
| FAN | Type x Quantity | | Propeller fan x 1 | | Propeller fan x 1 | |
| | Airflow rate | cfm | 7,050 | | 7,050 | |
| | | m ³ / min | 200 | | 200 | |
| | | L/s | 3,330 | | 3,330 | |
| | Control , Driving mechanism | | Inverter-control, Direct-driven by motor | | Inverter-control, Direct-driven by motor | |
| | Motor output | kW | 0.92 | | 0.92 | |
| *3 External static press. | | | 0 in.WG (0 Pa) | | 0 in.WG (0 Pa) | |
| Compressor | Type x Quantity | | Inverter scroll hermetic compressor x 1 | | Inverter scroll hermetic compressor x 1 | |
| | Manufacture | | AC&R Works, MITSUBISHI ELECTRIC CORPORATION | | AC&R Works, MITSUBISHI ELECTRIC CORPORATION | |
| | Starting method | | Inverter | | Inverter | |
| | Motor output | kW | 5.1 | | 6.8 | |
| | Case heater | kW | 0.051(230 V) | | 0.051(230 V) | |
| | Lubricant | | MEL32 | | MEL32 | |
| External finish | | | Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar> | | Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar> | |
| External dimension H x W x D | | | in. 64-31/32" x 36-1/4" x 29-15/16" mm 1,650 x 920 x 760 | | in. 64-31/32" x 36-1/4" x 29-15/16" mm 1,650 x 920 x 760 | |
| Protection devices | High pressure protection | | High pressure sensor, High pressure switch at 4.15MPa (601 psi) | | High pressure sensor, High pressure switch at 4.15MPa (601 psi) | |
| | Compressor / Fan | | Over-heat protection / Thermal switch | | Over-heat protection / Thermal switch | |
| | Inverter | | Over-heat protection,Over-current protection | | Over-heat protection,Over-current protection | |
| Refrigerant | Type x original charge | | R410A x 19 lbs + 13 oz (9.0kg) | | R410A x 19 lbs + 13 oz (9.0kg) | |
| | Control | | LEV and HIC circuit | | | |
| Net weight | | | lbs (kg) 441(200) | | lbs (kg) 441(200) | |
| Heat exchanger | | | Salt-resistant cross fin & copper tube | | Salt-resistant cross fin & copper tube | |
| HIC circuit (HIC: Heat Inter-Changer) | | | Copper pipe,tube-in-tube structure | | Copper pipe,tube-in-tube structure | |
| Refrigerant piping diameter | Liquid pipe | in. (mm) | 3/8"(9.52)Brazed | | 3/8"(9.52)Brazed | |
| | Gas pipe | in. (mm) | 3/4"(19.05)Brazed | | 7/8"(22.2)Brazed | |
| Defrosting method | | | Auto-defrost mode (Reversed refrigerant cycle) | | | |
| Drawing | External | | KB94L644 | | | |
| | Wiring | | WKE94C207X01 | | WKE94C207X01 | |
| | Refrigerant cycle | | | | | |
| Standard attachment | Document | | Installation Manual | | | |
| | Accessory | | Refrigerant conn. Pipe | | | |
| Optional parts | | | Outdoor Twinning kit: CMY-Y100VBK2 joint: CMY-Y102S/L-G2,CMY-Y202-G2 Header: CMY-Y104/108/1010-G | | | |
| Remark | | | Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. | | | |

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| Note : | *1 Nominal cooling conditions | *2 Nominal heating conditions | Unit converter |
| | Indoor : 80degF D.B./ 67degF W.B. (26.7degC D.B./ 19.4degC W.B.) | 70degF D.B. (21.1degC D.B.) | |
| | Outdoor : 95degF D.B. (35degC D.B.) | 47degF D.B./ 43degF W.B. (8.3degC D.B./ 6.1degC W.B.) | cfm =m ³ /min x 35.31 |
| | Pipe length : 25ft.(7.6m) | 25ft.(7.6m) | lb =kg / 0.4536 |
| | Level difference : 0ft.(0m) | 0ft.(0m) | |
| * Due to continuing improvement, above specifications may be subject to change without notice. | | | *Above specification data is subject to rounding variation. |
| *3 External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). | | | |