| Model | | | | | PUMY-P250YBM2-A (-BS) | PUMY-P300YBM2-A (-BS) |
|---|---|---|---|---|---|---|
| Power source | | | | | 3-phase, 380-400-415V, 50Hz / 380V, 60Hz | |
| Cooling capacity (Nominal) | | | | kW *1 | 28.0 | 33.5 |
| | | | | kcal/h *1 | 24,100 | 28,800 |
| | | | | Btu/h *1 | 95,500 | 114,300 |
| | Power input | | | kW | 7.15 | 8.10 |
| | Current input | | | A | 11.94 - 11.34 - 10.93 / 11.94 | 13.52 - 12.85 - 12.38 / 13.52 |
| | EER | | | kW/kW | 3.92 | 4.14 |
| Temp. range of cooling | Indoor temp. | | | W.B. | 15 to 24°C | |
| | Outdoor temp. | | | D.B. | −5 to 52°C *3,*4,*7 | |
| Heating capacity (Nominal) | | | | kW *2 | 31.5 | 37.5 |
| | | | | kcal/h *2 | 27,100 | 32,200 |
| | | | | Btu/h *2 | 107,500 | 128,000 |
| | Power input | | | kW | 6.89 | 8.07 |
| | Current input | | | A | 11.50 - 10.93 - 10.53 / 11.50 | 13.47 - 12.80 - 12.34 / 13.47 |
| | COP | | | kW/kW | 4.57 | 4.65 |
| Temp. range of heating | Indoor temp. | | | D.B. | 15 to 27°C | |
| | Outdoor temp. | | | W.B. | −20 to 15°C*8 | |
| Indoor unit connectable | Total capacity | | | | 50 to 130% of outdoor unit capacity | |
| | Model/Max Quantity | CITY MULTI | | | P10 - P250 / 30 | |
| | | Branch box | | | kW type: P15 - P100 / 12 | |
| | | Mixed system | Branch box 1 unit | CITY MULTI | P10 - P250 / 25 | P10 - P250 / 25 |
| | | | | Branch box | kW type: P15 - P100 / 5 | kW type: P15 - P100 / 5 |
| | | | | Total (Quantity) | 30 | 30 |
| | | | Branch box 2 units | CITY MULTI | P10 - P250 / 23 | P10 - P250 / 23 |
| | | | | Branch box | kW type: P15 - P100 / 10 | kW type: P15 - P100 / 10 |
| | | | | Total (Quantity) | 30 | 25 |
| | | | Branch box 3 units | CITY MULTI | P10 - P250 / 22 | P10- P250 / 22 |
| | | | | Branch box | kW type: P15 - P100 / 12 | kW type: P15 - P100 / 12 |
| | | | | Total (Quantity) | 30 | 30 |
| Sound pressure level (measured in anechoic room) | | | | dB <A> | 59 / 60 | 60 / 62 |
| Refrigerant piping diameter | Liquid pipe | | | mm (inch) | ø9.52 (3/8) *5 | ø12.7 (1/2) |
| | Gas pipe | | | mm (inch) | ø22.4 (7/8) | ø25.4 (1) |
| FAN | Type × Quantity | | | | Propeller Fan × 2 | |
| | Airflow rate | | | m³/min | 165/183 | 165/183 |
| | | | | L/s | 2750/3050 | 2750/3050 |
| | | | | cfm | 5826/6462 | 5826/6462 |
| | Control, Driving mechanism | | | | DC control | |
| | Motor output | | | kW | 0.285 × 2 | |
| | External static pressure | | | | 0Pa / 30Pa *6 | |
| Compressor | Type × Quantity | | | | Scroll hermetic compressor × 1 | |
| | Manufacturer | | | | Siam Compressor Industry Co., Ltd. | |
| | Starting method | | | | Inverter | |
| | Motor output | | | kW | 6.42 | 7.23 |
| | Case heater | | | kW | - | |
| | Lubricant | | | | FVC68D (3.3 litter) | |
| External finish | | | | | Galvanized Steel Sheet<br>Munsell No. 3Y 7.8/1.1 | |
| External dimension HxWxD | | | | mm | 1,662 × 1,050 × 460(+45) | |
| | | | | inch | 65-7/16 × 41-11/32 × 187/64 (+ 1-49/64) | |
| Protection devices | High pressure protection | | | | High pressure Switch | |
| | Inverter circuit (COMP./FAN) | | | | Overcurrent detection, Overheat detection (Heat sink thermistor) | |
| | Compressor | | | | Compressor thermistor, Overcurrent detection, Compressor protector | |
| | Fan motor | | | | Overheating, Voltage protection | |
| Refrigerant | Type × original charge | | | | R410A 9.3 kg | |
| | Control | | | | Linear Expansion Valve | |
| Net weight | | | | kg (lb) [-BS kg (lbs) ] | 193 (426) [195 (430)] | |
| Heat exchanger | | | | | Cross Fin and Copper tube | |
| HIC circuit (HIC: Heat Inter-Changer) | | | | | Double pipe heat exchanger | |
| Defrosting method | | | | | Reversed refrigerant circuit | |
| Standard attachment | Document | | | | Installation Manual | |
| | Accessory | | | | Grounded lead wire ×1 | Joint pipe×1 set, Grounding lead wire ×1 |
| Optional parts | | | | | Joint: CMY-Y62-G-E<br>Header: CMY-Y64/68-G-E | |

*1. Nominal cooling conditions (subject to ISO 15042)
Indoor: 27°CD.B./19°CW.B. [81°FD.B./66°FW.B.], Outdoor: 35°CD.B. [95°FD.B.], Pipe length: 7.5 m [24-9/16 ft.], Level difference: 0 m [0 ft.]
*2. Nominal heating conditions (subject to ISO 15042)
Indoor: 20°CD.B. [68°FD.B.], Outdoor: 7°CD.B./6°CW.B. [45°FD.B./43°FW.B.], Pipe length: 7.5 m [24-9/16 ft.], Level difference: 0 m [0 ft.]
*3. 10 to 52°C, when connecting following models: PKFY-P15/20/25/32VLM, PFFY-P20/25/32VKM, PFFY-P20/25/32VCM, PFFY-P20/25/32VEM, PFFY-P20/25/32VLEM, PEFY-P50/63VMA4-E; and M series and S series type indoor unit.
*4. −15 to 52°C, when using an optional air protect guide [PAC-SK21AG-E]. However, this condition does not apply to the indoor unit listed in *3.
*5. Liquid pipe diameter: 12.7mm, when further piping length is longer than 90m, and when PEFY-P200 or P250 is connected.
*6. It is possble to set the External static pressure to 30 Pa by Dip Switch.
*7. 10 to 46°C D.B : when connecting PLFY-EMS20/25/32/40/50VHM-A.
*8. -10 to 15°C W.B : when connecting PLFY-EMS20/25/32/40/50VHM-A.
Notes:
· Nominal conditions *1, *2 are subject to ISO15042
· Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

kcal/h = kW × 860
Btu/h = kW × 3,412
cfm = m3/min × 35.31
lb = kg/0.4536

Above specification data is subject to rounding variation.