

CS-F28DD1E5 CU-L28DBE5

| ITEM / MODEL | | | Main Body | Indoor Unit | Outdoor Unit |
|--|---------------------|--------------|---------------------|--|-------------------------------------|
| | | | | CS-F28DD1E5 | CU-L28DBE5 |
| Cooling Capacity | | | kW | 7.1 | |
| | | | BTU/h | 24,200 | |
| Heating Capacity | | | kW | 8.0 | |
| | | | BTU/h | 27,300 | |
| Refrigerant Charge-less | | | m | 30 | |
| Standard Air Volume for High Speed | | | m ³ /min | Hi 30 | Hi 48 |
| | | | cfm | Hi 1059 | 1695 |
| External Static Pressure | | | Pa | Hi 98 | - |
| | | | mmAq | Hi 10.0 | - |
| Outside Dimension (H x W x D) | | | mm | 360 x 1000 x 650 | 795 x 900 x 320 |
| | | | inch | 14-3/16 x 39-3/8 x 25-19/32 | 31-5/16 x 35-7/16 x 12-19/32 |
| Net Weight | | | kg (lbs) | 46 (78) | 71 (158) |
| Piping Connection | Refrigerant | Gas | mm (inch) | O.D Ø 15.88 (5/8) Flared Type | |
| | | Liquid | mm (inch) | O.D Ø 9.53 (3/8) Flared Type | |
| | Drain | mm | O.D Ø 32 | I.D Ø 20 x 1 | |
| Compressor | Type, Number of Set | | | - | Hermetic - 2P (Rotary), 1 |
| | Starting Method | | | - | DC - INV control |
| | Motor | Type | | - | 4-pole single phase brushless motor |
| Rated Output | | kW | | - | 2.0 |
| Fan | Type, Number of Set | | | Sirocco Fan, 2 | Mix flow fan - 1 |
| | Motor | Type | | 4-pole single phase induction motor | 6-pole single phase induction motor |
| | | Rated Output | kW | | 0.19 |
| Air-heat Exchanger (Row x Stage x FPI) | | | | Louvre-fin type (2 x 18 x 15) | Corrugate-fin type (2 x 36 x 19) |
| Refrigerant Control | | | | - | Exp. Valve |
| Refrigerant Oil (Charged) | | | cm ³ | - | FV50S (800) |
| Refrigerant (Charged) R410A | | | kg (oz) | - | 2.35 (83) |
| Running Adjustment | Control Switch | | | Wired Remote Control | - |
| | Room Temperature | | | Thermostat | - |
| Safety Devices | | | | Temperature, current and pressure protection control for compressor, Internal thermostat for FM, High pressure switch, Current trans, Crankcase heater | |
| Noise Level | | | dB (A) | Cooling : Hi 47 Lo 43 Heating : Hi 45 Lo 41 | Cooling 48, Heating 50 |
| | | | Power level dB | Cooling : Hi 63 Lo 59 Heating : Hi 61 Lo 57 | Cooling 64, Heating 66 |
| Moisture Removal | | | L/h (Pt/h) | 4.20 | |
| EER | | | W/W | 3.01 | |
| COP | | | W/W | 3.42 | |

1. Cooling capacities are based on indoor temperature of 27°C D.B. (80.6°F D.B.), 19.0°C W.B. (66.2°F W.B.) and outdoor air temperature of 35°C D.B. (95°F D.B.), 24°C W.B. (75.2°F W.B.)

2. Heating capacities are based on indoor temperature of 20°C D.B. (68°F D.B.) and outdoor air temperature of 7°C D.B. (44.6°F D.B.), 6°C W.B. (42.8°F W.B.)

ELECTRICAL DATA (50 Hz)

| ITEM / MODEL | | | Condition by JIS-B8615 | | |
|-------------------|----|------|------------------------|--------|--------|
| Volts | V | | 220 | 230 | 240 |
| Phase | | | Single | Single | Single |
| Power Consumption | kW | Cool | 2.36 | 2.36 | 2.36 |
| | | Heat | 2.34 | 2.34 | 2.34 |
| Running Current | A | Cool | 11.1 | 10.7 | 10.3 |
| | | Heat | 11.0 | 10.6 | 10.3 |
| Starting Current | A | | 11.1 | 10.7 | 10.3 |
| Power Factor | % | Cool | 97 | 96 | 95 |
| | | Heat | 97 | 96 | 95 |

*Power Factor means total figure of compressor, indoor fan motor and outdoor fan motor.

Panasonic Power source AC, 1~220V, 230V, 240V 50Hz