

CS-F50DD1E5 CU-L50DBE5

ITEM / MODEL			Indoor Unit		Outdoor Unit	
			Main Body	CS-F50DD1E5	CU-L50DBE5	
Cooling Capacity	kW				14.0	
	BTU/h				47,700	
Heating Capacity	kW				16.0	
	BTU/h				54,600	
Refrigerant Charge-less			m		30	
Standard Air Volume for High Speed			m ³ /min		Hi 60	
			cfm		Hi 2120	
External Static Pressure			Pa		Hi 98	
			mmAq		Hi 10.0	
Outside Dimension (H x W x D)			mm		430 x 1100 x 650	
			inch		16-15/16 x 39-3/8 x 25-19/32	
Net Weight			kg (lbs)		54 (119) / 110 (242)	
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		
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		- / 3.8		
Fan	Type, Number of Set				Sirocco Fan, 2 / Mix flow fan - 2	
	Motor	Type			4-pole single phase induction motor / 6-pole single phase induction motor	
		Rated Output	kW		0.435 / 0.07 x 2	
Air-heat Exchanger (Row x Stage x FPI)					Louvre-fin type (3 x 18 x 13) / Corrugate-fin type (2 x 51 x 18)	
Refrigerant Control					- / Exp. Valve	
Refrigerant Oil (Charged)			cm ³		- / FV50S (1200)	
Refrigerant (Charged) R410A			kg (oz)		- / 3.50 (123)	
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 52 Lo 48 / Heating : Hi 50 Lo 46	
			Power level dB		Cooling : Hi 67 Lo 63 / Heating : Hi 65 Lo 61	
Moisture Removal			L/h		9.0	
EER			W/W		2.77	
COP			W/W		3.34	

- 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.)
- 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		240	
Phase			Single	
Power Consumption	kW	Cool	5.06	
		Heat	4.79	
Running Current	A	Cool	22.3	
		Heat	21.0	
Starting Current	A		22.3	
Power Factor	%	Cool	95	
		Heat	95	
*Power Factor means total figure of compressor, indoor fan motor and outdoor fan motor.				
Panasonic		Power source		AC, 1~240V 50Hz