

CS-F50DD1E5 CU-L50DBE8

ITEM / MODEL			Main Body	Indoor Unit CS-F50DD1E5	Outdoor Unit CU-L50DBE8
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	Hi 98
			cfm	Hi 2118	3460
External Static Pressure			Pa	Hi 98	-
			mmAq	Hi 10.0	-
Outside Dimension (H x W x D)			mm	430 x 1000 x 650	1340 x 900 x 320
			inch	16-15/16 x 39-3/8 x 25-19/32	52-7/8 x 35-7/16 x 12-19/32
Net Weight			kg (lbs)	54 (119)	105 (231)
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		-		
	Starting Method		-		
	Motor	Type	-		
Rated Output		kW	-	4-pole single phase brushless motor 3.8	
Fan	Type, Number of Set		Sirocco Fan, 2		
	Motor	Type	4-pole single phase induction motor		
		Rated Output	kW	0.435	6-pole single phase induction motor 0.07 x 2
Air-heat Exchanger (Row x Stage x FPI)			Louvre-fin type (3 x 18 x 15)		Corrugate-fin type (2 x 51 x 18)
Refrigerant Control			-		
Refrigerant Oil (Charged)			cm ³	-	Exp. Valve
Refrigerant (Charged) R410A			kg (oz)	-	FV50S (1200) 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	Cooling 54, Heating 56
			Power level dB	Cooling : Hi 67 Lo 63 Heating : Hi 65 Lo 61	Cooling 68, Heating 70
Moisture Removal			L/h	9.0	
EER			W/W	2.71	
COP			W/W	3.41	

- 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		380	400	415
Phase			3N	3N	3N
Power Consumption	kW	Cool	5.16	5.16	5.16
		Heat	4.69	4.69	4.69
Running Current	A	Cool	8.1	7.8	7.6
		Heat	7.4	7.2	7.0
Starting Current	A		8.2	7.8	7.6
Power Factor	%	Cool	97	95	94
		Heat	96	94	93
*Power Factor means total figure of compressor, indoor fan motor and outdoor fan motor.					
Panasonic			Power source	AC, 3N~380V, 400V, 415V 50Hz	