

CS-F24DD1E5 CU-L24DBE5

ITEM / MODEL			Main Body	Indoor Unit	Outdoor Unit
				CS-F24DD1E5	CU-L24DBE5
Cooling Capacity			kW	6.3	
			BTU/h	21,500	
Heating Capacity			kW	7.1	
			BTU/h	24,200	
Refrigerant Charge-less			m	30	
Standard Air Volume for High Speed			m ³ /min	Hi 22	Hi 48
			cfm	Hi 777	1695
External Static Pressure			Pa	Hi 69	
			mmAq	Hi 7.0	
Outside Dimension (H x W x D)			mm	290 x 1000 x 500	795 x 900 x 320
			inch	11-13/32 x 39-3/8 x 19-21/32	31-5/16 x 35-7/16 x 12-19/32
Net Weight			kg (lbs)	35 (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		-	1.8
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		0.135
Air-heat Exchanger (Row x Stage x FPI)				Louvre-fin type (3 x 12 x 17)	Corrugate-fin type (2 x 36 x 19)
Refrigerant Control				-	Exp. Valve
Refrigerant Oil (Charged)			cm ³	-	FV50S (800)
Refrigerant (Charged) R410A			kg (oz)	-	2.13 (75)
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 45 Lo 41 Heating : Hi 43 Lo 39	Cooling 47, Heating 49
			Power level dB	Cooling : Hi 61 Lo 57 Heating : Hi 59 Lo 55	Cooling 63, Heating 65
Moisture Removal			L/h (Pt/h)	3.60	
EER			W/W	3.01	
COP			W/W	3.41	

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 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	2.09	2.09	2.09
		Heat	2.08	2.08	2.08
Running Current	A	Cool	9.9	9.5	9.2
		Heat	9.8	9.4	9.1
Starting Current	A		9.9	9.5	9.2
Power Factor	%	Cool	96	96	95
		Heat	96	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	