

CS-F50DB4E5 CU-L50DBE5

ITEM / MODEL			Indoor Unit			Outdoor Unit		
			Main Body			CS-F50DB4E5		CU-L50DBE5
			Panel			CZ-BT03P		
			Remote Control			CZ-RD513C (Wired) CZ-RL513B (Wireless)		
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, Medium and Low Speed			m ³ /min	Hi 31	Me 29	Lo 25	Hi 98	
			cfm	1095	970	850	3460	
Outside Dimension (H x W x D)			mm	288 x 840 x 840			1340 x 900 x 320	
			inch	11-11/32 x 33-1/24 x 33-1/24			52-7/8 x 35-7/16 x 12-19/32	
Net Weight			kg (lbs)	28.5 (63)			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 20			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	-			3.8		
Fan	Type, Number of Set			Turbo fan-1			Mix flow fan - 2	
	Motor	Type		8-pole DC brushless motor			6-pole single phase induction motor	
		Rated Output	kW	0.06			0.07 x 2	
Air-heat Exchanger (Row x Stage x FPI)				Slit-fin type (2 x 12 x 21)			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			Wireless or 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)	Hi 47 Lo 42			Cooling 55, Heating 57	
			Power level dB	Cooling : Hi 62 Lo 57 Heating : Hi 62 Lo 57			Cooling 69, Heating 71	
Moisture Removal			L/h				9.0	
EER			W/W				3.01	
COP			W/W				3.37	

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		240	
Phase			Single	
Power Consumption	kW	Cool	4.65	
		Heat	4.75	
Running Current	A	Cool	20.4	
		Heat	20.8	
Starting Current	A		20.8	
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 Ø~240V 50Hz	