

## CS-F50DB4E5 CU-L50DBE8

ITEM / MODEL			Indoor Unit			Outdoor Unit		
			Main Body		CS-F50DB4E5	CU-L50DBE8		
			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 <sup>3</sup> /min		Hi 32	Me 29	Lo 25	
			cfm		1130	970	850	Hi 98
Outside Dimension (H x W x D)			mm		288 x 840 x 840			
			inch		11-11/32 x 33-1/24 x 33-1/24		1340 x 900 x 320	
Net Weight			kg (lbs)		28.5 (63)			
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), 2	
	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				Propeller fan-1	
	Motor	Type	8-pole DC brushless motor				6-pole single phase induction motor	
		Rated Output	kW				0.06	
Air-heat Exchanger (Row x Stage x FPI)			Louver-fin type (2 x 12 x 21)				Corrugate-fin type (2 x 51 x 18)	
Refrigerant Control			-				Exp. Value	
Refrigerant Oil (Charged)			cm <sup>3</sup>		-		FV50S (1200)	
Refrigerant (Charged) R410A			kg (oz)		-		3.50 (123)	
Running Adjustment	Control Switch		Wireless or Wired Remote Control				-	
	Room Temperature		Thermostat				-	
Safety Devices			Internal protector for compressor, Internal thermostat for fan motor, Crankcase heater, High pressure switch, Current transformer					
Noise Level			dB (A)		Hi 47 Lo 42		Cooling 54, Heating 56	
			Power level dB		Cooling : Hi 62 Lo 57 Heating : Hi 62 Lo 57		Cooling 68, Heating 70	
Moisture Removal			L/h		9.0			
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 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	4.65	4.65	4.65
		Heat	4.69	4.69	4.69
Running Current	A	Cool	7.30	7.1	7.0
		Heat	7.4	7.2	7.1
Starting Current	A		7.4	7.2	7.1
Power Factor	%	Cool	97	95	92
		Heat	96	94	92
*Power Factor means total figure of compressor, indoor fan motor and outdoor fan motor.					
Panasonic			Power source		AC, 3N~380V, 400V, 415V 50Hz