

CS-F28DB4E5 CU-L28DBE5

ITEM / MODEL			Indoor Unit			Outdoor Unit		
			CS-F28DB4E5			CU-L28DBE5		
			CZ-BT03P					
			CZ-RD513C (Wired) CZ-RL513B (Wireless)					
Cooling Capacity			kW		7.1			
			BTU/h		24,200			
Heating Capacity			kW		8.0			
			BTU/h		27,300			
Refrigerant Charge-less			m					
Standard Air Volume for High, Medium and Low Speed			m ³ /min		Hi 20	Me 18	Lo 16	Hi 48
			cfm		706	631	556	1695
Outside Dimension (H x W x D)			mm			246 x 840 x 840		795 x 900 x 320
			inch			9-11/16 x 33-1/24 x 33-1/24		
Net Weight			kg (lbs)		26 (58)		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 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		-			2.0
Fan	Type, Number of Set		Turbo fan-1			Propeller fan-1		
	Motor	Type	8-pole single phase induction motor			6-pole single phase induction motor		
		Rated Output	kW		0.04			0.07
Air-heat Exchanger (Row x Stage x FPI)			Louver-fin type (2 x 10 x 20)			Corrugate-fin type (2 x 36 x 19)		
Refrigerant Control			-			Exp. Value		
Refrigerant Oil (Charged)			cm ³		-			
Refrigerant (Charged) R410A			kg (oz)		-			
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 38 Lo 33		Cooling 48, Heating 50	
			Power level dB		Cooling : Hi 53 Lo 48 Heating : Hi 53 Lo 48		Cooling 64, Heating 66	
Moisture Removal			L/h (Pt/h)		4.2 (8.9)			
EER			W/W		3.55			
COP			W/W		3.79			

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		220	230	240
Phase			Single		
Power Consumption	kW	Cool	2.00	2.44	2.00
		Heat	2.11	2.65	2.11
Running Current	A	Cool	9.5	11.1	8.8
		Heat	9.9	9.6	9.2
Starting Current	A		9.9	9.6	9.2
Power Factor	%	Cool	96	96	95
		Heat	97	96	96
*Power Factor means total figure of compressor, indoor fan motor and outdoor fan motor.					
Panasonic			Power source		AC, 1~220V, 230V, 240V 50Hz