

3.5 CU-3Z68CBE

Item		Unit	OUTDOOR UNIT		
Indoor Unit Combination			1.6kW + 2.5kW + 2.5kW		
Power Source			1 Phase, 230V, 50Hz (Power supply from outdoor unit)		
Cooling Operation	Capacity		kW	6.8 (1.90 ~ 8.00)	
			BTU/h	23200 (6480 ~ 27300)	
	Electrical Data	Running Current		A	7.70
		Power Input		W	1.74k (270 ~ 2.37k)
		Annual Energy Consumption (A.E.C)		kWh	870
		EER		W/W	3.91 (7.04 ~ 3.38)
		EER Class			A
	ERP	Pdesign		kW	6.80
		SEER		W/W	8.20
		Annual Consumption		kWh	290
		ERP Class			A++
	Power Factor		%	98	
	Noise	Sound Pressure Level		dB-A (H/L)	51 / -
Sound Power Level		dB (H/L)	65 / -		
Heating Operation	Capacity		kW	8.5 (1.70 ~ 10.40)	
			BTU/h	29000 (5800 ~ 35500)	
	Electrical Data	Running Current		A	8.80
		Power Input		W	2.00k (360 ~ 2.86k)
		COP		W/W	4.25 (4.72 ~ 3.64)
		COP Class			A
	ERP	Pdesign		kW	5.60
		Tbivalent		°C	-10
		SCOP		W/W	4.60
		Annual Consumption		kWh	1704
		ERP Class			A++
	Power Factor		%	99	
	Noise	Sound Pressure Level		dB-A (H/L)	53 / -
Sound Power Level		dB (H/L)	67 / -		
Maximum Current		A	15.9		
Maximum Input Power		W	3.68k		
Maximum High Pressure		Mpa (bar)	4.15 (41.50)		
Operating Pressure	High Pressure		Mpa (bar)	4.15 (41.50)	
	Low Pressure			2.55 (25.50)	
Starting Current		A	8.80		
Extra Low Temperature	Capacity		kW	4.45	
	Input Power		W	2450	
	COP		W/W	1.82	
Dimension	Height		mm	795	
	Width		mm	875 (+95)	
	Depth		mm	320	
Net Weight		kg	64		

Item		Unit	OUTDOOR UNIT		
Piping	Pipe Length Range (1 room)	m	3 ~ 20		
	Maximum Pipe Length (Total Room)	m	60		
	Standard Length	m	5		
	Height Difference	m	15		
	Add. Gas Amount	g/m	20		
	Pipe Length for Add. Gas	m	30		
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	6.35 (1/4)		
	Gas Side / Gas Side (using CZ-MA2PA)	mm (inch)	9.52 (3/8) / 12.7 (1/2)		
Compressor	Type		Hermetic Motor / Rotary		
	Motor Type		Synchronous Electric Motor (6-poles)		
	Rated Output	W	1.50k		
Fan Motor	Type		Propeller Fan		
	Motor Type		DC Motor (8-poles)		
	Rated Output	W	60		
Fan Speed	High (Cooling / Heating)	RPM	640 / 650		
Heat Exchanger	Type		Plate fin configuration forced draft type		
	Tube Material		Copper		
	Fin Material		Aluminum (Pre Coat)		
	Row / Stage		2 : 0.5 / 36:3		
	FPI		19:19		
Air Volume	High (Cooling / Heating)	m ³ /min (ft ³ /mm)	47.9 (1690) / 48.8 (1720)		
Refrigerant Control Device		min	Expansion Valve		
Refrigerant Oil		cm ³	FW50S (900)		
Refrigerant (R32)		g	2.25k		
			Dry Bulb	Wet Bulb	
Outdoor Operation Range	Cooling	Maximum	°C	46	26
		Minimum	°C	-10	—
	Heating	Maximum	°C	24	18
		Minimum	°C	-15	-16

Note

- Specifications are subject to change without notice for further improvement.