

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.