

3. Specifications

3.1 CU-2Z50ABEC

Item			Unit	Outdoor Unit
Indoor Unit Combination				2.5kW + 2.5kW
Power Source				1 Phase, 230V, 50Hz (Power supply from outdoor unit)
Cooling Operation	Capacity		kW	5.30 (2.11 ~ 7.50)
			BTU/h	18100 (7200 ~ 25600)
	Electrical Data	Running Current	A	5.40
		Power Input	kW	1.20 (0.36 ~ 2.00)
		EER	W/W	4.42 (5.86 ~ 3.75)
		Class		A
	Annual Energy Consumption (A.E.C)		kWh	600
	ERP	Pdesign	kWh	5.30
		SEER	W/W	8.00
		Annual Consumption	kWh	232
		Class		A++
	Power Factor		%	97
	Noise	Sound Pressure Level	dB(A) (H/L)	49 / 11
		Sound Power Level	dB (H/L)	63 / 58
Heating Operation	Capacity		kW	6.40 (1.70 ~ 8.70)
			BTU/h	21800 (5800 ~ 29700)
	Electrical Data	Running Current	A	6.00
		Power Input	kW	1.36 (0.32 ~ 2.40)
		COP	W/W	4.71 (5.31 ~ 3.63)
		Class		A
	ERP	Pdesign	kW	5.20
		Tbivalent	°C	-10
		SCOP	W/W	4.60
		Annual Consumption	kWh	1583
		Class		A++
	Power Factor		%	99
	Noise	Sound Pressure Level	dB(A) (H/L)	49 / 44
		Sound Power Level	dB (H/L)	63 / 58
Extra Low Temp.	Capacity		kW	7.40
	Input Power		W	2740
	COP		W/W	2.70
Maximum Current			A	15.6
Maximum Input Power			W	3.59k
Starting Current			A	6.0
Dimension	Height		mm	795
	Width		mm	875 + (95)
	Depth		mm	320
Net Weight			kg	58
Pipe Length Range (1 room)			m	3 ~ 25
Maximum Pipe Length (Total Room)			m	50

Item			Unit	Outdoor Unit	
Piping	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		mm (inch)	9.52 (3/8)	
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	610 / 530	
Heat Exchanger	Type			Plate fin configuration forced draft type	
	Tube Material			Copper	
	Fin Material			Aluminum (Blue Coat)	
	Row / Stage			2 / 36	
	FPI			19	
Air Flow	High (Cooling / Heating)		m³/min (ft³/min)	46.8 (1655) / 40.3 (1425)	
Refrigerant Control Device				Expansion Valve	
Refrigerant Oil			cm³	FW50S (800)	
Refrigerant (R32)			g	1.92k	
				Dry Bulb	Wet Bulb
Outdoor Operation Range	Cooling	Maximum	°C (°F)	46 (114.8)	26 (78.8)
		Minimum	°C (°F)	-10 (14.0)	-
	Heating	Maximum	°C (°F)	24 (75.2)	18 (64.4)
		Minimum	°C (°F)	-25 (-13.0)	-

Note

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