

### 3.4 CU-3Z52CBE

Item		Unit	OUTDOOR UNIT		
Indoor Unit Combination			1.6kW + 1.6kW + 2.0kW		
Power Source			1 Phase, 230V, 50Hz (Power supply from outdoor unit)		
Cooling Operation	Capacity		kW	5.20 (1.80 ~ 7.30)	
			BTU/h	17700 (6140 ~ 24900)	
	Electrical Data	Running Current		A	4.80
		Power Input		W	1.09k (360 ~ 2.18k)
		Annual Energy Consumption (AEC)		kWh	545
		EER		W/W	4.77 (5.00 ~ 3.35)
		EER Class			A
	ERP	Pdesign		kW	5.20
		SEER		W/W	8.70
		Annual Consumption		kWh	209
		ERP Class			A+++
	Power Factor		%	99	
Noise	Sound Pressure Level		dB-A (H/L)	47 / -	
	Sound Power Level		dB (H/L)	61 / -	
Heating Operation	Capacity		kW	6.80 (1.60 ~ 8.50)	
			BTU/h	23200 (5460 ~ 29000)	
	Electrical Data	Running Current		A	6.10
		Power Input		W	1.38k (320 ~ 2.50k)
		COP		W/W	4.93 (5.00 ~ 3.40)
		COP Class			A
	ERP	Pdesign		kW	5.40
		Tbivalent		°C	-10
		SCOP		W/W	4.7
		Annual Consumption		kWh	1609
		ERP Class			A++
	Power Factor		%	98	
Noise	Sound Pressure Level		dB-A (H/L)	48 / -	
	Sound Power Level		dB (H/L)	62 / -	
Maximum Current		A	15.5		
Maximum Input Power		W	3.58k		
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	6.10		
Dimension	Height		mm	795	
	Width		mm	875 (+95)	
	Depth		mm	320	
Net Weight		kg	61		
Piping	Pipe Length Range (1 room)		m	3 ~ 25	
	Maximum Pipe Length (Total Room)		m	50	
	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)	

Item		Unit	OUTDOOR UNIT		
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	580 / 540		
Heat Exchanger	Type		Plate fin configuration forced draft type		
	Tube Material		Copper		
	Fin Material		Aluminum (Pre Coat)		
	Row / Stage		2 / 36		
	FPI		19		
Air Volume	High (Cooling / Heating)	m <sup>3</sup> /min (ft <sup>3</sup> /min)	46.0 (1625) / 41.1 (1450)		
Refrigerant Control Device		min	Expansion Valve		
Refrigerant Oil		cm <sup>3</sup>	FW50S (900)		
Refrigerant (R32)		g	1.92k		
			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.