

## 3. Specifications

### 3.1 CU-2Z35CBE

Item		Unit	OUTDOOR UNIT		
Indoor Unit Combination			1.6kW + 2.0kW		
Power Source			1 Phase, 230V, 50Hz (Power supply from outdoor unit)		
Cooling Operation	Capacity		kW	3.5 (1.50 ~ 4.50)	
			BTU/h	11900 (5120 ~ 15300)	
	Electrical Data	Running Current		A	3.60
		Power Input		kW	0.76 (0.25 ~ 1.10)
		Annual Energy Consumption (AEC)		kWh	380
		EER		W/W	4.61 (6.00 ~ 4.09)
		EER Class			A
	ERP	Pdesign		kW	3.5
		SEER		W/W	9.10
		Annual Consumption		kWh	135
		ERP Class			A+++
	Power Factor		%	92	
	Noise	Sound Pressure Level		dB-A (H/L)	48 / -
Sound Power Level		dB (H/L)	63 / -		
Heating Operation	Capacity		kW	4.20 (1.1 ~ 5.60)	
			BTU/h	14300 (3750 ~ 19100)	
	Electrical Data	Running Current		A	3.9
		Power Input		kW	0.83 (0.21 ~ 1.34)
		COP		W/W	5.06 (5.24 ~ 4.18)
		COP Class			A
	ERP	Pdesign		kW	3.20
		Tbivalent		°C	-10
		SCOP		W/W	4.80
		Annual Consumption		kWh	933
		ERP Class			A++
	Power Factor		%	93	
	Noise	Sound Pressure Level		dB-A (H/L)	50 / -
Sound Power Level		dB (H/L)	65 / -		
Maximum Current		A	10.5		
Maximum Input Power		W	2.42k		
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	3.90		
Comp Output		W	900		
FM Output		W	40		
Dimension	Height		mm	619	
	Width		mm	824 (+70)	
	Depth		mm	299	
Net Weight		kg	37		

Item		Unit	OUTDOOR UNIT		
Piping	Pipe Length Range (1 room)	m	3 ~ 20		
	Maximum Pipe Length (Total Room)	m	30		
	Standard Length	m	5		
	Height Difference	m	10		
	Add. Gas Amount	g/m	15		
	Pipe Length for Add. Gas	m	20		
Connect Method			Flared Type		
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	900		
Fan Motor	Type		Propeller Fan		
	Motor Type		DC Motor (8-poles)		
	Rated Output	W	40		
Fan Speed	High (Cooling / Heating)	RPM	850 / 850		
Heat Exchanger	Type		Plate fin configuration forced draft type		
	Tube Material		Copper		
	Fin Material		Aluminum (Pre Coat)		
	Row / Stage		2 / 28		
	FPI		17		
Air Volume	High (Cooling / Heating)	m <sup>3</sup> /min (ft <sup>3</sup> /min)	28.5 (1005) / 36.9 (1305)		
Refrigerant Control Device			Expansion Valve		
Refrigerant Oil		cm <sup>3</sup>	FW50S (450)		
Refrigerant (R32)		g	1.18k		
			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.