

Model			Indoor	CS-Z25ZKEW, CS-XZ25ZKEW, CS-XZ25ZKEW-H		
			Outdoor	CU-Z25ZKE		
Performance Test Condition				EUROVENT		
Power Supply			Phase, Hz	Single, 50		
			V	230		
				Min.	Mid.	Max
Cooling	Capacity		kW	0.85	2.50	3.50
			BTU/h	2900	8530	11900
			kcal/h	730	2150	3010
	Running Current		A	-	2.40	-
	Input Power		W	170	510	900
	Annual Consumption		kWh	-	255	-
	EER Class			-	A	-
	EER		W/W	5.00	4.90	3.89
			BTU/hW	17.06	16.73	13.22
			kcal/hW	4.29	4.22	3.34
	ErP	Pdesign	kW	2.5		
		SEER	(W/W)	9.5		
		Annual Consumption	kWh	92		
		Class		A+++		
	Power Factor		%	-	92	-
	Indoor Noise (H / L / QLo)		dB (A)	39 / 25 / 19		
			Power Level dB (A)	55 / - / -		
	Outdoor Noise (H / L / QLo)		dB (A)	46 / - / -		
			Power Level dB (A)	61 / - / -		
Heating	Capacity		kW	0.80	3.40	4.80
			BTU/h	2730	11600	16400
			kcal/h	690	2920	4130
	Running Current		A	-	3.20	-
	Input Power		W	160	700	1.18k
	COP CLASS			-	A	-
	COP		W/W	5.00	4.86	4.07
			BTU/hW	17.06	16.57	13.90
			kcal/hW	4.31	4.17	3.50
	ErP	Pdesign	kW	2.6		
		Tbivalent	°C	-10		
		SCOP	(W/W)	5.2		
		Annual Consumption	kWh	700		
		Class		A+++		
	Warmer Zone					
	ErP	Pdesign	kW	1.5		
		Tbivalent	°C	2		
		TOL	°C	-20		
		SCOP	(W/W)	6.2		
		Annual Consumption	kWh	339		
		Class		A+++		
	Power Factor		%	-	95	-
	Indoor Noise (H / L / QLo)		dB (A)	39 / 27 / 19		
			Power Level dB (A)	55 / - / -		
	Outdoor Noise (H / L / QLo)		dB (A)	47 / - / -		
			Power Level dB (A)	62 / - / -		
LOW Temp: Capacity (kW) / I. Power W) / COP				3.48 / 1.04k / 3.35		
EXTR LOW Temp: Capacity (kW) / I. Power W) / COP				2.80 / 1.00k / 2.80		
Max Current (A) / Max Input Power (W)				5.3 / 1.18k		
Starting Current (A)				3.20		

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				Outdoor	CU-Z25ZKE	
Compressor	Type				Hermetic Motor / Rotary	
	Motor Type				Synchronous Electric Motor (6-poles)	
	Output Power			W	550	
Indoor Fan	Type				Cross-flow fan	
	Material				ASG30	
	Motor Type				DC (8-pole)	
	Input Power			W	47.1	
	Output Power			W	30	
	Speed	QLo	Cool	rpm	500	
			Heat	rpm	510	
		Lo	Cool	rpm	610	
			Heat	rpm	670	
		Me	Cool	rpm	750	
			Heat	rpm	810	
		Hi	Cool	rpm	900	
			Heat	rpm	940	
		SHi	Cool	rpm	960	
			Heat	rpm	1000	
Outdoor Fan	Type				Propeller Fan	
	Material				PP	
	Motor Type				DC (8-pole)	
	Input Power			W	-	
	Output Power			W	40	
	Speed	Hi	Cool	rpm	820	
			Heat	rpm	760	
Moisture Removal				L/h (Pt/h)	1.5 (3.2)	
Indoor Airflow	QLo	Cool	m³/min (ft³/min)	5.94 (210)		
		Heat	m³/min (ft³/min)	6.10 (215)		
	Lo	Cool	m³/min (ft³/min)	7.71 (272)		
		Heat	m³/min (ft³/min)	8.68 (306)		
	Me	Cool	m³/min (ft³/min)	9.96 (352)		
		Heat	m³/min (ft³/min)	10.93 (386)		
	Hi	Cool	m³/min (ft³/min)	12.40 (440)		
		Heat	m³/min (ft³/min)	13.00 (460)		
	SHi	Cool	m³/min (ft³/min)	13.34 (471)		
Heat		m³/min (ft³/min)	13.98 (494)			
Outdoor Airflow	Hi	Cool	m³/min (ft³/min)	28.70 (1015)		
		Heat	m³/min (ft³/min)	26.50 (935)		
Refrigerant Cycle	Control Device				Expansion Valve	
	Refrigerant Oil			cm³	FW50S (270)	
	Refrigerant Type			kg (oz)	R32, 0.70 (24.7)	
F-Gas	GWP				675	
	CO2eq (ton) (Precharge Amount / Maximum Charged Amount)				0.47 / 0.52	

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			Outdoor	CU-Z25ZKE	
Dimension	Unit	Height (ID / OD)	mm (inch)	295 (11-5/8) / 542 (21-11/32)	
		Width (ID / OD)	mm (inch)	870 (34-9/32) / 780 (30-23/32)	
		Depth (ID / OD)	mm (inch)	229 (9-1/32) / 289 (11-13/32)	
Weight	Net (I/D / O/D)		kg (lb)	10 (22) / 27 (60)	
Piping	Pipe Diameter (Liquid / Gas)		mm (inch)	6.35 (1/4) / 9.52 (3/8)	
	Standard Length		m (ft)	5.0 (16.4)	
	Length Range (min - max)		m (ft)	3 (9.8) ~ 15 (49.2)	
	I/D & O/D Height Different		m (ft)	15.0 (49.2)	
	Additional Gas Amount		g/m (oz/ft)	10 (0.1)	
	Length for Additional Gas		m (ft)	7.5 (24.6)	
Drain Hose	Inner Diameter		mm	16.7	
	Length		mm	650	
Indoor Heat Exchanger	Fin Material			Aluminium (Pre coat)	
	Fin Type			Slit Fin	
	Row x Stage x FPI			2 x 17 x 21	
	Size (W x H x L)		mm	644.5 x 357 x 25.4	
Outdoor Heat Exchanger	Fin Material			Aluminium (Pre coat)	
	Fin Type			Corrugated Fin	
	Row x Stage x FPI			2 x 24 x 19	
	Size (W x H x L)		mm	36.4 x 504 x 824.2:795.7	
Air Filter	Material			Polypropelene	
	Type			One-touch	
Power Supply				Indoor	
Power Supply Cord				NIL	
Thermostat				Electronic Control	
Protection Device				Electronic Control	
				Dry Bulb	Wet Bulb
Indoor Operation Range		Cooling	Maximum °C (°F)	32 (89.6)	23 (73.4)
			Minimum °C (°F)	16 (60.8)	11 (51.8)
		Heating	Maximum °C (°F)	30 (86.0)	-
			Minimum °C (°F)	16 (60.8)	-
Outdoor Operation Range		Cooling	Maximum °C (°F)	43 (109.4)	26 (78.8)
			Minimum °C (°F)	-10 (14.0)	-
		Heating	Maximum °C (°F)	24 (75.2)	18 (64.4)
			Minimum °C (°F)	-20 (-4.0)	-21 (-5.8)

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb).
- Network Impedance shall be applicable for Europe models only.
- The annual consumption is calculated by multiplying the input power by an average of 500 hours per year in cooling mode.
- EER and COP Class: Refer Att 11, RAD-A-04-06, eg. Europe: classification is at 230V only in accordance with EU directive 2003/31/EC, A – G, Australia: n star, Singapore: Tick n, etc.
- Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
- Standby power consumption ≤2.0W (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.
- SEER and SCOP classification is at 230V only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season.