

Model		Indoor	CS-Z60UB4RAW					
		Outdoor	CU-Z60UBRA					
Performance Test Condition			AS					
Power Supply		Phase, Hz	Single, 50					
		V	230			240		
			Min.	Mid.	Max.	Min.	Mid.	Max.
Cooling	Capacity	kW	0.90	5.70	6.35	0.90	5.70	6.35
		BTU/h	3070	19400	21700	3070	19400	21700
		kcal/h	770	4900	5460	770	4900	5460
	Running Current	A	—	7.60	—	—	7.40	—
	Input Power	W	255	1.73k	2.20k	255	1.73k	2.20k
	EER / EER CLASS	W/W	3.53	3.29 / 2.0	2.89	3.53	3.29 / 2.0	2.89
	EER	BTU/hW	12.04	11.21	9.86	12.04	11.21	9.86
		kcal/hW	3.02	2.83	2.48	3.02	2.83	2.48
	Power Factor	%	—	99	—	—	97	—
	Indoor Noise (H / L / QLo)	dB-A	43 / 32 / 29					
		Power Level dB	59 / 48 / 45					
	Outdoor Noise (H / L / QLo)	dB-A	49 / — / 44					
		Power Level dB	64 / — / 59					
Heating	Capacity	kW	0.90	6.00	8.00	0.90	6.00	8.00
		BTU/h	3070	20500	27300	3070	20500	27300
		Kcal/h	770	5160	6880	770	5160	6880
	Running Current	A	—	8.00	—	—	7.80	—
	Input Power	W	260	1.82k	2.75k	260	1.82k	2.75k
	COP / COP CLASS	W/W	3.46	3.30 / 2.0	2.91	3.46	3.30 / 2.0	2.91
	COP	BTU/hW	11.81	11.26	9.93	11.81	11.26	9.93
		kcal/hW	2.96	2.84	2.50	2.96	2.84	2.50
	Power Factor	%	—	99	—	—	97	—
	Indoor Noise (H / L / QLo)	dB-A	45 / 32 / 29					
		Power Level dB	61 / 48 / 45					
	Outdoor Noise (H / L / QLo)	dB-A	50 / — / 45					
		Power Level dB	65 / — / 60					
H2	Capacity	kW	4.60					
	Input Power	kW	1.65					
	COP	W/W	2.79					
Powerful Heat	Capacity	kW	8.00					
	Input Power	kW	2.75					
	COP	W/W	2.91					
Max Current (A) / Max Input Power (W)			12.4 / 2.75k					
Starting Current (A)			8.00					
Compressor	Type		Hermetic Motor (Rotary)					
	Motor Type		Brushless (4 poles)					
	Output Power	W	900					

Model				Indoor	CS-Z60UB4RAW	
				Outdoor	CU-Z60UBRA	
Indoor Fan	Type				BACKWARD FAN	
	Material				ABS	
	Motor Type				DC / Transistor (8-poles)	
	Input Power			W	—	
	Output Power			W	40	
	Speed	QLo	Cool	rpm	450	
			Heat	rpm	450	
		Lo	Cool	rpm	480	
			Heat	rpm	510	
		Me	Cool	rpm	630	
			Heat	rpm	670	
		Hi	Cool	rpm	790	
			Heat	rpm	840	
		SHi	Cool	rpm	840	
	Heat		rpm	890		
Outdoor Fan	Type				Propeller Fan	
	Material				PP	
	Motor Type				DC (8-poles)	
	Input Power			W	—	
	Output Power			W	40	
	Speed	Hi	Cool	rpm	770	
			Heat	rpm	720	
	Moisture Removal			L/h (Pt/h)	3.1 (6.6)	
	Indoor Airflow	QLo	Cool	m³/min (ft³/min.)	7.5 (265)	
			Heat	m³/min (ft³/min.)	7.5 (265)	
		Lo	Cool	m³/min (ft³/min.)	8.1 (286)	
			Heat	m³/min (ft³/min.)	8.7 (307)	
		Me	Cool	m³/min (ft³/min.)	11.1 (392)	
Heat			m³/min (ft³/min.)	11.9 (420)		
Hi		Cool	m³/min (ft³/min.) (L/S)	14.2 (500) (237)		
		Heat	m³/min (ft³/min.) (L/S)	15.2 (535) (253)		
SHi		Cool	m³/min (ft³/min.)	15.2 (535)		
	Heat	m³/min (ft³/min.)	16.2 (572)			
Outdoor Airflow	Hi	Cool	m³/min (ft³/min.)	42.0 (1485)		
		Heat	m³/min (ft³/min.)	37.0 (1305)		
Refrigeration Cycle		Control Device		Expansion Valve		
		Refrigerant Oil	cm³	FW50S (450)		
		Refrigerant Type	g (oz)	R32, 1.17k (41.3)		
Dimension	Unit	Height (I/D / O/D / PANEL)	mm (inch)	260 (10-1/4) / 695 (27-3/8) / 51 (2-1/32)		
		Width (I/D / O/D / PANEL)	mm (inch)	575 (22-21/32) / 875 (34-15/32) / 700 (27-9/16)		
		Depth (I/D / O/D / PANEL)	mm (inch)	575 (22-21/32) / 320 (12-5/8) / 700 (27-9/16)		
	Pckg. (Stacking Condition)	Height (I/D / O/D / PANEL)	mm (inch)	339 (13-3/8) / 796 (31-11/32) / 94 (3-23/32)		
		Width (I/D / O/D / PANEL)	mm (inch)	690 (27-3/16) / 1049 (41-5/16) / 744 (29-5/16)		
		Depth (I/D / O/D / PANEL)	mm (inch)	690 (27-3/16) / 460 (18-1/8) / 734 (28-29/32)		
Weight		Net (I/D / O/D / PANEL)	kg (lb)	18 (40) / 43 (95) / 2.5 (6)		
		Gross (I/D / O/D / PANEL)	kg (lb)	22 (49) / 48 (106) / 4.0 (9)		

Model		Indoor	CS-Z60UB4RAW	
		Outdoor	CU-Z60UBRA	
Stacking No. (CS / CU / CZ)			Actual Stacking Quantity (12 / 4 / 20)	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 12.70 (1/2)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	3 (9.8) ~ 30 (98.4)	
	I/D & O/D Height different	m (ft)	20 (65.6)	
	Additional Gas Amount	g/m (oz/ft)	15 (0.2)	
	Length for Additional Gas	m (ft)	7.5 (24.6)	
Drain Hose	Inner Diameter	mm	30	
	Length	mm	193	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 10 × 20	
	Size (W × H × L)	mm	1330:1270 × 210 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium (Blue Coat)	
	Fin Type		Corrugated Fin	
	Row × Stage × FPI		2 × 31 × 19	
	Size (W × H × L)	mm	36.4 × 651 × 904.5:874.5	
Air Filter	Material		–	
	Type		–	
Power Supply			Outdoor	
Power Supply Cord		A	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)	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)	-15 (5.0)	-16 (3.2)

- 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).
- Specifications are subjected to change without prior notice for further improvement.