

Indoor			Model	CS-RZ35WKRW					
			POS (EAN)	5025232913138					
Outdoor			Model	CU-RZ35WKR					
			POS (EAN)	5025232913176					
Performance Test Condition				AS					
Power Supply			Phase, Hz	Single, 50					
			V	230		240			
				Min.	Mid.	Max.	Min.	Mid.	Max.
Capacity			kW	1.00	3.50	3.90	1.00	3.50	3.90
			BTU/h	3410	11900	13300	3410	11900	13300
			kcal/h	860	3010	3350	860	3010	3350
Running Current			A	-	3.80	-	-	3.70	-
Input Power			W	210	800	1.19k	210	800	1.19k
Total Energy Consumption	Residential	Hot	kWh	707					
		Average	kWh	247					
		Cold	kWh	158					
	Commercial	Hot	kWh	894					
		Average	kWh	373					
		Cold	kWh	273					
TCSPF Star 5				-	4.00	-	-	4.00	-
EER / EER CLASS			W/W	4.76	4.38	3.28	4.76	4.38	3.28
EER			BTU/hW	16.24	14.88	11.18	16.24	14.88	11.18
			kcal/hW	4.10	3.76	2.82	4.10	3.76	2.82
Power Factor			%	-	92	-	-	90	-
Indoor Noise (H / L / QLo)			dB-A	44 / 26 / 19			44 / 26 / 19		
			Power Level dB	60 / 42 / 35			60 / 42 / 35		
Outdoor Noise (H / L / QLo)			dB-A	49 / - / 44			49 / - / 44		
			Power Level dB	64 / - / 59			64 / - / 59		
Capacity at (7°C / 2°C)			kW	0.90	3.70 / 3.40	5.10	0.90	3.70 / 3.40	5.10
			BTU/h	3070	12600	17400	3070	12600	17400
			Kcal/h	770	3180	4390	770	3180	4390
Running Current			A	-	3.80	-	-	3.70	-
Input Power			W	190	800	1.42k	190	800	1.42k
Total Energy Consumption	Residential	Hot	kWh	65					
		Average	kWh	410					
		Cold	kWh	1127					
	Commercial	Hot	kWh	42					
		Average	kWh	184					
		Cold	kWh	357					
HSPF Star 5				-	3.50	-	-	3.50	-
COP / COP CLASS			W/W	4.74	4.63	3.59	4.74	4.63	3.59
COP			BTU/hW	16.16	15.75	12.25	16.16	15.75	12.25
			Kcal/hW	4.05	3.98	3.09	4.05	3.98	3.09
Power Factor			%	-	92	-	-	90	-
Indoor Noise (H / L / QLo)			dB-A	44 / 29 / 22			44 / 29 / 22		
			Power Level dB	60 / 45 / 38			60 / 45 / 38		
Outdoor Noise (H / L / QLo)			dB-A	50 / - / 45			50 / - / 45		
			Power Level dB	65 / - / 60			65 / - / 60		
H2	Capacity		kW	3.40					
	Input Power		kW	1.10					

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			COP	W/W	3.09	
Powerful Heat			Capacity	kW	5.10	
			Input Power	kW	1.42	
			COP	W/W	3.59	
Max Current (A) / Max Input Power (W)				6.5 / 1.48k		
Starting Current (A)				3.80		
Compressor			Type	Hermetic motor (Rotary)		
			Motor Type	Brushless (6-poles)		
			Output Power	W	700	
Indoor Fan	Type			Cross-flow Fan		
	Material			ASG30		
	Motor Type			DC (8-poles)		
	Input Power			W	43.8	
	Output Power			W	40	
	Speed	QLo	Cool	rpm	580	
			Heat	rpm	660	
		Lo	Cool	rpm	760	
			Heat	rpm	830	
		Me	Cool	rpm	1020	
			Heat	rpm	1090	
		Hi	Cool	rpm	1280	
			Heat	rpm	1340	
SHi	Cool	rpm	1330			
	Heat	rpm	1390			
Outdoor Fan	Type			Propeller		
	Material			PP		
	Motor Type			DC (8-poles)		
	Input Power			W	-	
	Output Power			W	40	
	Speed	Hi	Cool	rpm	870	
Heat			rpm	860		
Moisture Removal			L/h (Pt/h)	2.0 (4.2)		
Indoor Airflow			QLo	Cool	m ³ /min (ft ³ /min) (L/s)	5.24 (185) (87)
				Heat	m ³ /min (ft ³ /min) (L/s)	5.97 (211) (99)
			Lo	Cool	m ³ /min (ft ³ /min) (L/s)	6.87 (243) (114)
				Heat	m ³ /min (ft ³ /min) (L/s)	7.51 (265) (125)
			Me	Cool	m ³ /min (ft ³ /min) (L/s)	9.23 (326) (154)
				Heat	m ³ /min (ft ³ /min) (L/s)	9.85 (348) (164)
			Hi	Cool	m ³ /min (ft ³ /min) (L/s)	11.6 (410) (193)
				Heat	m ³ /min (ft ³ /min) (L/s)	12.1 (430) (202)
SHi	Cool	m ³ /min (ft ³ /min) (L/s)	12.05 (425) (200)			
	Heat	m ³ /min (ft ³ /min) (L/s)	12.59 (445) (209)			
Outdoor Airflow			Hi	Cool	m ³ /min (ft ³ /min) (L/s)	30.6 (1080)
				Heat	m ³ /min (ft ³ /min) (L/s)	30.2 (1065)
Refrigerant Cycle			Control Device		Expansion Valve	
			Refrigerant Oil		cm ³	FW50S (320)
			Refrigerant Type		g (oz)	R32, 800 (28.2)

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Dimension	Unit	Height (ID / OD)	mm (inch)	290 (11-7/16) / 542 (21-11/32)
		Width (ID / OD)	mm (inch)	779 (30-11/16) / 780 (30-23/32)
		Depth (ID / OD)	mm (inch)	209 (8-1/4) / 289 (11-13/32)
	PCKG. (Stacking Condition)	Height (ID / OD)	mm (inch)	255 (10-1/16) / 603 (23-3/4)
		Width (ID / OD)	mm (inch)	861 (33-29/32) / 891 (35-3/32)
		Depth (ID / OD)	mm (inch)	364 (14-11/32) / 396 (15-19/32)
Weight	Net (I/D / O/D)		kg (lb)	8 (18) / 31 (68)
	Gross (I/D / O/D)		kg (lb)	9 (20) / 33 (73)
Stacking No. (CS / CU / CZ)				12 / 6 / -
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) ~ 20 (65.6)
	I/D & O/D Height Different		m (ft)	15 (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 15 x 21
	Size (W x H x L)		mm	580 x 315 x 25.4
Outdoor Heat Exchanger	Fin Material			Aluminium (Blue 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 824.2:793.7
Air Filter	Material			Polypropelene
	Type			One-touch
Power Supply				Outdoor
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)	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)	-

- 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).
- Heating low temperature capacity, Input Power and COP measured at 230V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230V, indoor temperature 20°C, outdoor -7/-8°C.
- Specifications are subjected to change without prior notice for further improvement.