

Indoor			Model		CS-RZ50WKRW					
			POS (EAN)		5025232913152					
Outdoor			Model		CU-RZ50WKR					
			POS (EAN)		5025232913190					
Performance Test Condition					AS					
Power Supply			Phase, Hz		Single, 50					
			V		230			240		
					Min.	Mid.	Max.	Min.	Mid.	Max.
Capacity			kW		1.15	5.00	5.50	1.15	5.00	5.50
			BTU/h		3920	17100	18800	3920	17100	18800
			kcal/h		990	4300	4730	990	4300	4730
Running Current			A		-	6.70	-	-	6.50	-
Input Power			W		230	1.51k	1.80k	230	1.51k	1.80k
Cooling	Total Energy Consumption	Residential	Hot	kWh	1199					
			Average	kWh	409					
			Cold	kWh	256					
	Commercial	Hot	kWh	1491						
		Average	kWh	580						
		Cold	kWh	403						
TCSPF Star 5				-	3.50	-	-	3.50	-	
EER / EER CLASS			W/W		5.00	3.31	3.06	5.00	3.31	3.06
EER			BTU/hW		17.04	11.32	10.44	17.04	11.32	10.44
			kcal/hW		4.30	2.85	2.63	4.30	2.85	2.63
Power Factor			%		-	98	-	-	97	-
Indoor Noise (H / L / QLo)			dB-A		44 / 34 / 28			44 / 34 / 28		
			Power Level dB		60 / 50 / 44			60 / 50 / 44		
Outdoor Noise (H / L / QLo)			dB-A		48 / - / 43			48 / - / 43		
			Power Level dB		63 / - / 58			63 / - / 58		
Capacity at (7°C / 2°C)			kW		0.98	5.80 / 5.40	7.50	0.98	5.80 / 5.40	7.50
			BTU/h		3340	19800	25600	3340	19800	25600
			Kcal/h		840	4990	6450	840	4990	6450
Running Current			A		-	7.60	-	-	7.30	-
Input Power			W		255	1.70k	2.30k	255	1.70k	2.30k
Heating	Total Energy Consumption	Residential	Hot	kWh	113					
			Average	kWh	783					
			Cold	kWh	2137					
	Commercial	Hot	kWh	72						
		Average	kWh	342						
		Cold	kWh	665						
HSPF Star 5				-	2.50	-	-	2.50	-	
COP / COP CLASS			W/W		3.84	3.41	3.26	3.84	3.41	3.26
COP			BTU/hW		13.1	11.65	11.13	13.1	11.65	11.13
			Kcal/hW		3.29	2.94	2.80	3.29	2.94	2.80
Power Factor			%		-	97	-	-	97	-
Indoor Noise (H / L / QLo)			dB-A		44 / 33 / 28			44 / 33 / 28		
			Power Level dB		60 / 49 / 44			60 / 49 / 44		
Outdoor Noise (H / L / QLo)			dB-A		49 / - / 44			49 / - / 44		
			Power Level dB		64 / - / 59			64 / - / 59		
H2	Capacity		kW		5.40					
	Input Power		kW		2.10					
	COP		W/W		2.57					

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Powerful Heat	Capacity		kW	7.50	
	Input Power		kW	2.30	
	COP		W/W	3.26	
Max Current (A) / Max Input Power (W)			10.5 / 2.50k		
Starting Current (A)			7.60		
Compressor	Type		Hermetic Motor (Rotary)		
	Motor Type		Brushless (4-poles)		
	Output Power		W	900	
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	820
			Heat	rpm	830
		Lo	Cool	rpm	960
			Heat	rpm	970
		Me	Cool	rpm	1120
			Heat	rpm	1150
		Hi	Cool	rpm	1280
			Heat	rpm	1390
	SHi	Cool	rpm	1330	
		Heat	rpm	1420	
Outdoor Fan	Type		Propeller		
	Material		PP		
	Motor Type		DC (8-Poles)		
	Input Power		W	-	
	Output Power		W	40	
	Speed	Hi	Cool	rpm	820
			Heat	rpm	820
Moisture Removal			L/h (Pt/h)	2.8 (5.9)	
Indoor Airflow	QLo	Cool	m ³ /min (ft ³ /min) (L/s)	7.63 (269) (127)	
		Heat	m ³ /min (ft ³ /min) (L/s)	7.74 (273) (129)	
	Lo	Cool	m ³ /min (ft ³ /min) (L/s)	9.12 (322) (152)	
		Heat	m ³ /min (ft ³ /min) (L/s)	9.22 (326) (153)	
	Me	Cool	m ³ /min (ft ³ /min) (L/s)	10.81 (382) (180)	
		Heat	m ³ /min (ft ³ /min) (L/s)	11.13 (393) (185)	
	Hi	Cool	m ³ /min (ft ³ /min) (L/s)	12.5 (440) (208)	
		Heat	m ³ /min (ft ³ /min) (L/s)	13.2 (465) (219)	
	SHi	Cool	m ³ /min (ft ³ /min) (L/s)	13.04 (460) (217)	
		Heat	m ³ /min (ft ³ /min) (L/s)	13.99 (494) (233)	
Outdoor Airflow	Hi	Cool	m ³ /min (ft ³ /min) (L/s)	32.7 (1155)	
		Heat	m ³ /min (ft ³ /min) (L/s)	32.7 (1155)	
Refrigerant Cycle	Control Device		Expansion Valve		
	Refrigerant Oil		cm ³	FW50S (450)	
	Refrigerant Type		g (oz)	R32, 1.10k (38.8)	

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Dimension	Unit	Height (ID / OD)	mm (inch)	290 (11-7/16) / 619 (24-3/8)
		Width (ID / OD)	mm (inch)	779 (30-11/16) / 824 (32-15/32)
		Depth (ID / OD)	mm (inch)	209 (8-1/4) / 299 (11-25/32)
	PCKG. (Stacking Condition)	Height (ID / OD)	mm (inch)	255 (10-1/16) / 680 (26-25/32)
		Width (ID / OD)	mm (inch)	861 (33-29/32) / 958 (37-23/32)
		Depth (ID / OD)	mm (inch)	364 (14-11/32) / 416 (16-13/32)
Weight	Net (I/D O/D)		kg (lb)	8 (18) / 36 (79)
	Gross (I/D O/D)		kg (lb)	9 (20) / 39 (86)
Stacking No. (CS / CU / CZ)				12 / 6 / -
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)	15 (49.2)
	Additional Gas Amount		g/m (oz/ft)	15 (0.2)
	Length for Additional Gas		m (ft)	10 (32.8)
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 28 x 17	
	Size (W x H x L)		mm	36.4 x 588 x 856.3:827.7
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.