

Indoor		Model		CS-RZ42WKRW					
		POS (EAN)		5025232913145					
Outdoor		Model		CU-RZ42WKR					
		POS (EAN)		5025232913183					
Performance Test Condition				AS					
Power Supply		Phase, Hz		Single, 50					
		V		230		240			
				Min.	Mid.	Max.	Min.	Mid.	Max.
Capacity		kW		1.15	4.20	5.00	1.15	4.20	5.00
		BTU/h		3920	14300	17100	3920	14300	17100
		kcal/h		990	3610	4300	990	3610	4300
Running Current		A		-	5.30	-	-	5.20	-
Input Power		W		230	1.18k	1.64k	230	1.18k	1.64k
Cooling	Total Energy Consumption	Residential	Hot	kWh	1019				
			Average	kWh	352				
			Cold	kWh	223				
	Commercial	Hot	kWh	1300					
		Average	kWh	551					
		Cold	kWh	412					
TCSPF Star 5				-	3.00	-	-	3.00	-
EER / EER CLASS		W/W		5.00	3.56	3.05	5.00	3.56	3.05
EER		BTU/hW		17.04	12.12	10.43	17.04	12.12	10.43
		kcal/hW		4.30	3.06	2.62	4.30	3.06	2.62
Power Factor		%		-	97	-	-	95	-
Indoor Noise (H / L / QLo)		dB-A		44 / 31 / 28			44 / 31 / 28		
		Power Level dB		60 / 47 / 44			60 / 47 / 44		
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	5.10 / 4.40	6.80	0.90	5.10 / 4.40	6.80
		BTU/h		3070	17400	23200	3070	17400	23200
		Kcal/h		770	4390	5850	770	4390	5850
Running Current		A		-	6.10	-	-	5.90	-
Input Power		W		200	1.36k	2.04k	200	1.36k	2.04k
Heating	Total Energy Consumption	Residential	Hot	kWh	100				
			Average	kWh	676				
			Cold	kWh	1878				
	Commercial	Hot	kWh	64					
		Average	kWh	298					
		Cold	kWh	586					
HSPF Star 5				-	2.50	-	-	2.50	-
COP / COP CLASS		W/W		4.5	3.75	3.33	4.5	3.75	3.33
COP		BTU/hW		15.35	12.79	11.37	15.35	12.79	11.37
		Kcal/hW		3.85	3.23	2.87	3.85	3.23	2.87
Power Factor		%		-	97	-	-	96	-
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		51 / - / 46			51 / - / 46		
		Power Level dB		66 / - / 61			66 / - / 61		
H2	Capacity		kW		4.40				
	Input Power		kW		1.70				
	COP		W/W		2.59				

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Powerful Heat	Capacity		kW	6.80	
	Input Power		kW	2.04	
	COP		W/W	3.33	
Max Current (A) / Max Input Power (W)			9.1 / 2.16k		
Starting Current (A)			6.10		
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	830
			Heat	rpm	830
		Lo	Cool	rpm	880
			Heat	rpm	970
		Me	Cool	rpm	1080
			Heat	rpm	1150
		Hi	Cool	rpm	1280
			Heat	rpm	1340
	SHi	Cool	rpm	1330	
		Heat	rpm	1400	
Outdoor Fan	Type		Propeller		
	Material		PP		
	Motor Type		DC (8-Poles)		
	Input Power		W	-	
	Output Power		W	40	
	Speed	Hi	Cool	rpm	900
			Heat	rpm	870
Moisture Removal			L/h (Pt/h)	2.4 (5.1)	
Indoor Airflow	QLo	Cool	m ³ /min (ft ³ /min) (L/s)	7.51 (265) (125)	
		Heat	m ³ /min (ft ³ /min) (L/s)	7.51 (265) (125)	
	Lo	Cool	m ³ /min (ft ³ /min) (L/s)	7.96 (281) (132)	
		Heat	m ³ /min (ft ³ /min) (L/s)	8.78 (310) (146)	
	Me	Cool	m ³ /min (ft ³ /min) (L/s)	9.78 (345) (163)	
		Heat	m ³ /min (ft ³ /min) (L/s)	10.41 (368) (173)	
	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) (201)	
		Heat	m ³ /min (ft ³ /min) (L/s)	12.68 (448) (211)	
Outdoor Airflow	Hi	Cool	m ³ /min (ft ³ /min) (L/s)	33.7 (1190)	
		Heat	m ³ /min (ft ³ /min) (L/s)	32.5 (1145)	
Refrigerant Cycle	Control Device		Expansion Valve		
	Refrigerant Oil		cm ³	FW50S (320)	
	Refrigerant Type		g (oz)	R32, 870 (30.7)	

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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) / 31 (68)	
	Gross (I/D / O/D)		kg (lb)	9 (20) / 34 (75)	
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) ~ 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 28 x 17	
	Size (W x H x L)		mm	36.4 x 588 x 606.6	
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.