

Specification/Parameter

Model		RCUF50WZPY	RCUF65WZPY	RCUF80WZPY	RCUF110WZPY	RCUF130WZPY	
Power Source		Main(A C3φ)380,415V/50Hz,Control(AC1φ)220,240V/50Hz					
Nominal cooling capacity	kW	190	238	298	383	478	
	USRT	54	68	85	109	136	
	kcal/h	163,400	204,680	256,280	329,380	411,080	
Power input	kW	32.2	40.3	50.5	64.9	81.0	
COP	WW	5.90	5.90	5.90	5.90	5.90	
Capacity control		Continuous capacity control 100~25,0					
Outer dimensions	Length	2,200			3,950		
	Width					1,350	
	Height					1,600	
Net weight		1,900	2,000	3,250	3,400	3,550	
Refrigerant	Type	R134a (charged)					
	Number of circuits	1	1	2	2	2	
Compressor	Type	Semi-Hermetic Screw Type (R134a only)					
	Model	GSCCW**Z	50	60	40	50	60
	Quantity	Set	1	1	2	2	2
Condenser		Shell-and-Tube Type					
Piping connections for water side heat exchanger	Inlet	DN65			DN125		
	Outlet	DN65			DN125		
Evaporator		Shell-and-Tube Flooded Type					
Piping connections for water side heat exchanger	Inlet	DN65			DN125		
	Outlet	DN65			DN125		
Safety devices		Three-Phase Over current Relay, High-Pressure Switch, High and Low-Pressure Control, Oil Heater, Internal Thermostat for Compressor Motor, Freeze Protection Control, Reverse Phase Protection Control, Discharge Gas Overheat Protection, Compressor frequent ON/OFF control, Pressure Relief Valve, Overcurrent Relay and Water Pressure Difference Switch.					
Shipping Dimensions	Length	2,345			4,105		
	Width					1,435	
	Height					1,689	
Shipping weight		1,920	2,020	3,290	3,440	3,590	

Model		RCUF160WZPY	RCUF210WZPY	RCUF265WZPY	RCUF320WZPY	RCUF370WZPY	RCUF420WZPY	RCUF475WZPY	RCUF530WZPY	
Power Source		Main(A C3φ)380,415V/50Hz,Control(AC1φ)220,240V/50Hz								
Nominal cooling capacity	kW	559	745	931	1117	1303	1490	1676	1862	
	USRT	159	212	265	318	371	424	477	530	
	kcal/h	480,740	640,700	800,660	960,620	1,120,580	1,281,400	1,441,360	1,601,320	
Power input	kW	87.3	116.4	145.5	174.6	203.7	232.8	261.8	290.9	
COP	WW	6.40	6.40	6.40	6.40	6.40	6.40	6.40	6.40	
Capacity control		Continuous capacity control 100~25,0								
Outer dimensions	Length	3,373			4,804	5,404	4,804	5,304	4,804	
	Width					1,949				
	Height					2,419				
Net weight		3,974	4,443	4,670	7,548	8,155	8,486	8,817	8,940	
Refrigerant	Type	R134a (charged)								
	Number of circuits	1	1	1	2	2	2	2	2	
Compressor	Type	Semi-Hermetic Screw Type (R134a only)								
	Model	GSCCW**Z	150	200	250	150	200+150	200	250+200	250
	Quantity	Set	1	1	1	2	1+1	2	1+1	2
Condenser		Shell-and-Tube Type								
Piping connections for water side heat exchanger	Inlet	DN150			DN200					
	Outlet	DN150			DN200					
Evaporator		Shell-and-Tube Flooded Type								
Piping connections for water side heat exchanger	Inlet	DN150			DN200					
	Outlet	DN150			DN200					
Safety devices		Three-Phase Over current Relay, High-Pressure Switch, High and Low-Pressure Control, Oil Heater, Internal Thermostat for Compressor Motor, Freeze Protection Control, Reverse Phase Protection Control, Discharge Gas Overheat Protection, Compressor frequent ON/OFF control, Pressure Relief Valve, Overcurrent Relay and Water Pressure Difference Switch.								
Shipping Dimensions	Length	3,520			4,959	5,559	4,959	5,459	4,959	
	Width					2,034				
	Height					2,508				
Shipping weight		4,004	4,473	4,700	7,598	8,215	8,536	8,877	8,990	

Notes:

- The nominal cooling capacities are based on the GB/T18430.1  
Evaporator Water outlet temperature/water flow rate: 7 °C/0.172m<sup>3</sup>/(h.kW)  
Condenser Water inlet temperature/water flow rate: 30 °C/0.215m<sup>3</sup>/(h.kW)  
The fouling factor of evaporator is 0.018m<sup>2</sup>. °C/kW, the fouling factor of condenser is 0.044m<sup>2</sup>. °C/kW.
- Working Range:  
Condenser Water outlet temperature: 22 °C ~ 40 °C  
Evaporator Water outlet temperature: 5 °C ~ 20 °C (RCUF50~130WZPY)  
4 °C ~ 15 °C (RCUF160~530WZPY)
- Power Source:  
Main Power Source (3φ) Control Power Supplies (1φ)  
380V 50Hz 220V 50Hz  
415V 50Hz 240V 50Hz