

SAKURA[®]
Air Conditioner

Sakura Air Conditioner User-friendly, Earth-friendly



Modular Water-Cooled Scroll Chiller

R-22

Modular Water-Cooled Scroll Chiller R22 Performance Parameter Table

Model No. SWS-BC2		SWS-201	SWS-202	SWS-203	SWS-204	SWS-205	
Cooling Capacity	kW	68.8	137.6	206.4	275.2	344	
Input Power	kW	16.3	32.6	48.9	65.2	81.5	
Minimum Power Distribution	kW	21	42	64	85	106	
Operating Method		Direct operation					
Energy Control	%	0-100% two-stage regulator	0-100% four-stage regulator	0-100% six-stage regulator	0-100% eight-stage regulator	0-100% ten-stage regulator	
Body color		Column and control panel in dark grey , other panels in light grey					
Insulation Materials		PE					
Compressor	Type	Hermetic Scroll Compressor					
	Quantity	2	4	6	8	10	
Condensor	Type	Tube-shell condensor					
	Quantity	2	4	6	8	10	
	Size of Joint	2"	2"	2"	2"	2"	
	Recommended Diameter	DN50	DN80	DN100	DN100	DN125	
	Water Flow	m ³ /h	15.4	30.8	46.2	61.6	77
Evaporator	Type	Highly Efficient Plate Heat Exchanger					
	Quantity	2	4		8	10	
	Size of Joint	2"	2"	2"	2"	2"	
	Recommended Diameter	DN50	DN80	DN100	DN100	DN125	
	Water Flow	m ³ /h	12	24	36	48	60
	Temperature Control		Temperature sensor				
Refrigerant	Type	R22					
	Refrigeration system	2	4	6	8	10	
	Control Method		Thermal expansion valve				
	Refrigerant Charge	kg	6X2	6X4	6X6	6X8	6X10
Dimension	Length	mm	980	1960	2940	3920	4900
	Width	mm	890	890	890	890	890
	Height	mm	1700	1700	1700	1700	1700
Transport Weight	kg	600	2X600	3X600	4X600	5X600	
Module Quantity	unit	1	2	3	4	5	

Remarks:

- Standard refrigeration operating condition : chilled water to inlet /outlet water temperature 12/7 °C, cooling water to inlet /outlet water temperature 30/35 °C.
- Power: 3 phases of 380 V 50HZ, allowed voltage fluctuations ±10%.
- If other related parameter required, please contact factory.
- Standard parameter is subject to change for product improvement , without any prior notice.