



WFC-SC5

Specifications:

Water Fired Chiller absorption type with H₂O/LiBr

System functionality provides cooling

Utilizing Hot Water



ITEM		MODEL		WFC-SC5	
Cooling Capacity				kW	17.6
Heating Capacity				kW	-
Chilled Water and Hot Water	Chilled Water Temperature	Inlet	°C	12.5	
		Outlet	°C	7.0	
	Hot Water Temperature	Inlet	°C	-	
		Outlet	°C	-	
	Evaporator Pressure Loss(Max) *3		kPa	52.6	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	0.77	
			m ³ /hr	2.77	
Water Retention Volume		L	8		
Cooling Water	Heat Rejection		kW	42.7	
	Cooling Water Temperature	Inlet	°C	31.0	
		Outlet	°C	35.0	
	Abs.&Cond.Pressure Loss(Max) *3		kPa	38.3	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	2.55	
			m ³ /hr	9.18	
	Water Retention Volume		L	37	
Heat Medium	Heat Input		kW	25.1	
	Heat Medium Temperature	Inlet	°C	88	
		Outlet	°C	83	
			Inlet Limit	°C	70 - 95
	Generator. Pressure Loss(Max) *3		kPa	77.0	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	1.2	
			m ³ /hr	4.32	
Water Retention Volume		L	10		
Electrical	Power Source		100-240V 50/60Hz 1ph		
	Consumption *1		W	48	
Control				On—Off	
Dimension	Width		mm	594	
	Depth		mm	744	
	Height *2		mm	1,736 (1,816)	
Piping	Chilled Water		A	32	
	Cooling Water		A	40	
	Heat Medium		A	40	
Weight	Dry Weight		kg	365	
	Operating Weight		kg	420	

*1. Power consumption of Chiller Only.(excluding recirculating pumps and cooling tower fan)

*2. Dimension in() include fixed plate and eye bolt.

*3. Specification are subject to change without prior notice.

*. The table shows standard operating condition (i.e. 88 °C heat medium inlet temperature)