



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)

Item	Piping Connection	Remarks
Chilled Water Inlet	32A	Rc
Chilled Water Outlet	32A	Rc
Cooling Water Condenser Inlet	40A	Rc
Cooling Water Condenser Outlet	40A	Rc
Cooling Water Absorber Inlet	40A	Rc
Cooling Water Absorber Outlet	40A	Rc
Heat Medium Inlet	40A	Rc
Heat Medium Outlet	40A	Rc

Note)

1. Please secure minimum space for equipment maintenance:
left/right 0.7m, front/back 1.0m.
2. Wire inlets are on both left and right sides.
3. All dimensions are in mm.

