



## WFC-SC 10 & -SH 10

### Specifications:

Water Fired Chiller absorption type with H<sub>2</sub>O/LiBr

System functionality provides cooling

Heating with an automatic change over control mode (SH model only)

Utilizing Hot Water



Model	Production
WFC-SC10	Chilled Water
WFC-SH10	Chilled & Heating Water

ITEM		MODEL		WFC-SH10	WFC-SC10	
Cooling Capacity				kW		
Heating Capacity				48.7	-	
Chilled Water and Hot Water	Chilled Water Temperature	Inlet	°C	12.5		
		Outlet	°C	7.0		
	Hot Water Temperature	Inlet	°C	47.4	-	
		Outlet	°C	55.0	-	
	Evaporator Pressure Loss(Max) *3			kPa	56.1	
	Max Operating Pressure			kPa	588	
	Rated Water Flow			L/sec	1.52	
				m <sup>3</sup> /hr	5.47	
Water Retention Volume			L	17		
Cooling Water	Heat Rejection			kW	85.4	
	Cooling Water Temperature	Inlet	°C	31.0		
		Outlet	°C	35.0		
	Abs.&Cond.Pressure Loss(Max) *3			kPa	85.3	
	Max Operating Pressure			kPa	588	
	Rated Water Flow			L/sec	5.1	
				m <sup>3</sup> /hr	18.4	
Water Retention Volume			L	66		
Heat Medium	Heat Input			kW	50.2	
	Heat Medium Temperature	Inlet	°C	88		
		Outlet	°C	83		
		Inlet Limit	°C	70 - 95		
	Generator. Pressure Loss(Max) *3			kPa	90.4	
	Max Operating Pressure			kPa	588	
	Rated Water Flow			L/sec	2.4	
				m <sup>3</sup> /hr	8.64	
Water Retention Volume			L	21		
Electrical	Power Source		400V 50Hz 3ph.			
	Consumption *1			W	210	
Control		On - Off				
Dimension	Width		mm	760 ( 855 )		
	Depth		mm	970		
	Height *2		mm	1,900 ( 1,983 )		
Piping	Chilled Water		A	40		
	Cooling Water		A	50		
	Heat Medium		A	40		
Weight	Dry Weight			kg	500	
	Operating Weight			kg	600	

\*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	Pipins Connection	Remarks
Chilled-Hot Water Inlet	40A	Rc
Chilled-Hot Water Outlet	40A	Rc
Cooling Water Inlet	50A	Rc
Cooling Water Outlet	50A	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.

