



## WFC-SC20 & -SH-20

### 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-SC20	Chilled Water
WFC-SH20	Chilled & Heating Water

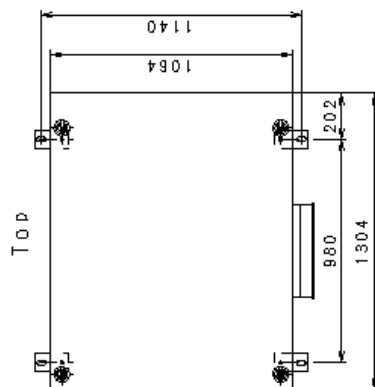
ITEM		MODEL	WFC-SH20	WFC-SC20	
Cooling Capacity		kW	70.3		
Heating Capacity		kW	97.5	-	
Chilled Water and Hot Water	Chilled Water Temperature	Inlet °C	12.5		
		Outlet °C	7.0		
	Hot Water Temperature	Inlet °C	47.4	-	
		Outlet °C	55.0	-	
	Evaporator Pressure Loss(Max) *3		kPa	65.8	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	3.05	
			m <sup>3</sup> /hr	11.0	
Water Retention Volume		L	47		
Cooling Water	Heat Rejection		kW	170.8	
	Cooling Water Temperature	Inlet °C	31.0		
		Outlet °C	35.0		
	Abs.&Cond.Pressure Loss(Max) *3		kPa	45.3	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	10.2	
			m <sup>3</sup> /hr	36.7	
Water Retention Volume		L	125		
Heat Medium	Heat Input		kW	100	
	Heat Medium Temperature	Inlet °C	88		
		Outlet °C	83		
		Inlet Limit °C	70 - 95		
	Generator. Pressure Loss(Max) *3		kPa	46.4	
	Max Operating Pressure		kPa	588	
	Rated Water Flow		L/sec	4.8	
m <sup>3</sup> /hr			17.3		
Water Retention Volume		L	54		
Electrical	Power Source		400V 50Hz 3ph.		
	Consumption *1		W	260	
Control			On - Off		
Dimension	Width	mm	1,064 ( 1,159 )		
	Depth	mm	1,304		
	Height *2	mm	2,010 ( 2,116 )		
Piping	Chilled Water	A	50		
	Cooling Water	A	50		
	Heat Medium	A	50		
Weight	Dry Weight	kg	930		
	Operating Weight	kg	1,155		

\*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-Hot Water Inlet	50A	Rc
Chilled-Hot Water Outlet	50A	Rc
Cooling Water Condenser Inlet	50A	Rc
Cooling Water Condenser Outlet	50A	Rc
Cooling Water Absorber Inlet	50A	Rc
Cooling Water Absorber Outlet	50A	Rc
Heat Medium Inlet	50A	Rc
Heat Medium Outlet	50A	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.

