



WFC-SC30 & -SH30

Specifications:

Water Fired Chiller absorption type with H₂O/LiBr

System functionality provides cooling

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

Utilizing Hot Water



Model	Production
WFC-SC30	Chilled Water
WFC-SH30	Chilled & Heating Water

ITEM		MODEL		WFC-SH30	WFC-SC30	
Cooling Capacity				kW		
Heating Capacity				146.2	-	
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	70.1		
	Max Operating Pressure		kPa	588		
	Rated Water Flow		L/sec	4.58		
			m ³ /hr	16.5		
Water Retention Volume		L	73			
Cooling Water	Heat Rejection		kW	256.2		
	Cooling Water Temperature	Inlet	°C	31.0		
		Outlet	°C	35.0		
	Abs.&Cond.Pressure Loss(Max) *3		kPa	46.4		
	Max Operating Pressure		kPa	588		
	Rated Water Flow		L/sec	15.3		
			m ³ /hr	55.1		
Water Retention Volume		L	194			
Heat Medium	Heat Input		kW	151		
	Heat Medium Temperature	Inlet	°C	88		
		Outlet	°C	83		
		Inlet Limit	°C	70 - 95		
	Generator. Pressure Loss(Max) *3		kPa	60.4		
	Max Operating Pressure		kPa	588		
	Rated Water Flow		L/sec	7.2		
m ³ /hr			25.9			
Water Retention Volume		L	84			
Electrical	Power Source		400V 50Hz 3ph.			
	Consumption *1		W	310		
Control		On - Off				
Dimension	Width	mm	1,380 (1,475)			
	Depth	mm	1,544			
	Height *2	mm	2,010 (2,130)			
Piping	Chilled Water	A	50			
	Cooling Water	A	65			
	Heat Medium	A	65			
Weight	Dry Weight	kg	1,450			
	Operating Weight	kg	1,800			

*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)

