

CH-MG 200

Specifications:

Direct fired absorption chiller heater with H₂O/LiBr solution
 System functionality provides Cooling & Heating
 with an automatic control mode
 Utilizing Natural Gas



ITEM		MODEL		CH-MG200
Cooling Capacity				kW
				703
Heating Capacity				kW
				572
Chilled Water and Hot Water	Chilled Water Temperature	Inlet	°C	12.0
		Outlet	°C	7.0
	Hot Water Temperature	Inlet	°C	56.0
		Outlet	°C	60.0
	Evaporator Pressure Loss(Max) *3		kPa	63.7
	Max Operating Pressure		kPa	785
	Rated Water Flow		L/sec	33.6
			m ³ /hr	121.0
Water Retention Volume		L	260	
Cooling Water	Heat Rejection		kW	1190
	Cooling Water Temperature	Inlet	°C	29.5
		Outlet	°C	34.6
	Abs.&Cond.Pressure Loss(Max) *3		kPa	49.6
	Max Operating Pressure		kPa	785
	Rated Water Flow		L/sec	55.4
			m ³ /hr	199.4
Water Retention Volume		L	580	
Fuel	Type of fuel		Natural Gas	
	Consumption	Cooling	kW	586
		Heating	kW	689
Electrical	Power Supply		kPa	400VAC 50Hz 3ph. & Neutral
	Capacity		kVA	3.40
	Control	Cooling	35%-100% Proportional Control	
		Heating	30%-100% Proportional Control	
Combustion	Type		Forced draft(Proportional control)	
	Ignition		Electric intermittent spark	
	Flame detection		Flame rectification(Flame rod)	
Dimension	Width	mm	1,962 (2,051)	
	Depth	mm	3,735	
	Height *2	mm	2,480 (3,003)	
Piping	Chilled Water	A	125	
	Cooling Water	A	150	
	Gas supply	A	50	
Weight	Dry Weight	kg	6,500	
	Operation Weight	kg	7,340	

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

*2. Dimension in () include fixed plate and vent cap.

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

*.Fuel consumption is calculated based on higher heating value : 46,047 kJ / Nm³

