

1. General Information

1.1 Chiller-heater

1.1.1 Chiller-heater Specifications

ITEM			MODEL	CH-MG150	CH-MG200
Capacity	Cooling		kW	527	703
	Heating		kW	429	572
Chilled/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)		kPa	72.3	63.7
	Max Operating Pressure		kPa	785.0	
	Rated Water Flow		l /s	25.2	33.6
	Water Retention Volume		l	180	260
Cooling Water	Heat Rejection		kW	892	1,190
	Cooling Water Temperature	Inlet	°C	29.5	
		Outlet	°C	34.6	
	Abs.&Cond.Pressure loss(Max)		kPa	51.8	49.6
	Max Operating Pressure		kPa	785.0	
	Rated Water Flow		l /s	41.6	55.4
Water Retention Volume		l	430	580	
Fuel	Type of Fuel			Natural Gas	
	Consumption	Cooling	kW	440	586
		Heating	kW	517	689
Electrical	Power Source			400V 50Hz 3ph.+ Neutral	
	Capacity *1		kVA	3.10	3.40
Control	Cooling			35%–100% Proportional Control	
	Heating			30%–100% Proportional Control	
Combustion	Burner			Forced Draft (Proportion Controlled)	
	Flame Detector			Flame Rod	
	Ignition			Intermittent Spark	
Dimension	Width *2		mm	1,862(1951)	1,962(2046)
	Depth		mm	3,663	3,735
	Height *3		mm	2,251(2,774)	2,491(3,011)
Piping	Chilled/Hot Water		mm	100A	125A
	Cooling Water		mm	125A	150A
	Gas Supply		mm	40A	50A
Weight	Dry Weight		kg	5,600	6,500
	Operating weight		kg	6,210	7,340
Cabinet				Constructed from prepainted hot- dip zinc-aluminum alloy-coated steel.	

Notes)

*1 Power consumption of Chiller/Heater only.
(Excluding Chilled /Hot water pump and Cooling water pump.)

*2 Dimensions in () includes junction box.

*3 Dimensions in () includes vent cap.

*4 Specifications are subject to change without prior notice.

For further information , contact your Yazaki authorized service agent or distributor.