Adsorption Chiller powered by AQSOA™



Cooling Capacity 10kW

It works using low temp. heat around 60C(140F)

Refrigerant is water (non-Freon)

Using adsorption phenomena as compressing

Easy maintenance and low cost

Manufactured at Union Industry Co., Ltd.

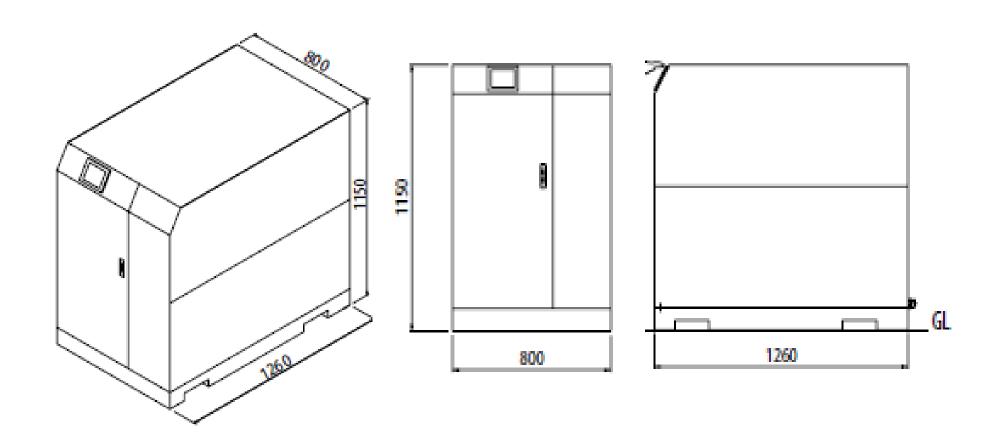


Nominal Specification

Туре		Adsorption Chiller powered by AQSOA		
Items	Unit	Hot Water	Chilled Water	Cooling Water
Inlet-Outlet Temperature	°C	70.0→65.1	16.0→11.0	32.0→37.2
Flow Rate	L/min	64.0	28.2	127
	m ³/h	3.84	1.69	7.62
Pres Drop	kPa	27.5	42.3	69.8
Operating Pressure Max	MPa	1.0		
Connection External Thread		G1″	G1"	G11/4"
Performance Value	kW	21.8	9.8	46.5
COP of thermal conversion		0.45		
Power Supply		3Ф 200V 50/60Hz		
Total Power Consumption	W	36		
Dimensions	mm	L 1230 × W 800 × H 1,120		
Operating Weight	kg	350		
Protective System		Auxiliaries Overcurrent		
		Freeze Proofing		
Controlled Operation		ON/OFF control by coolant temperature		

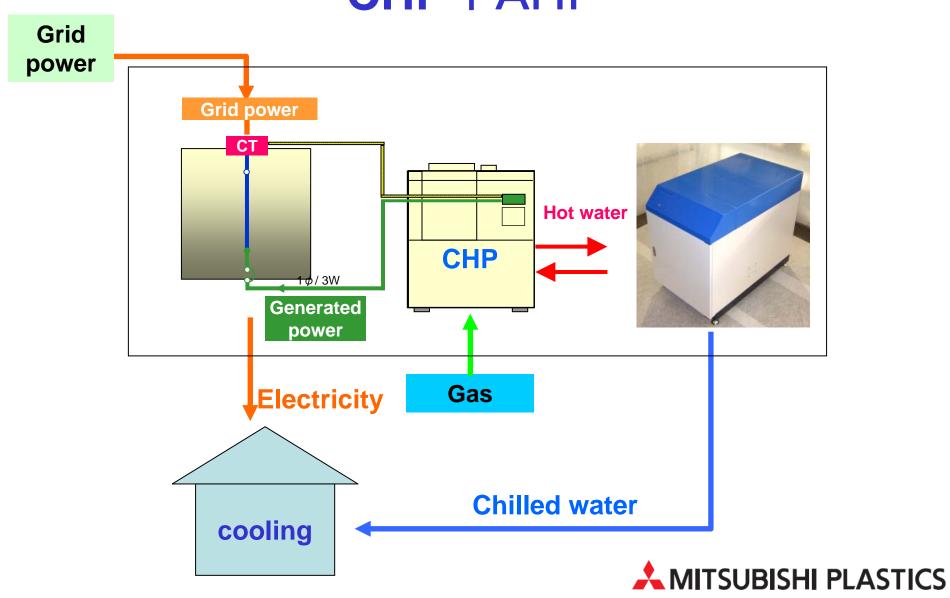


Drawing



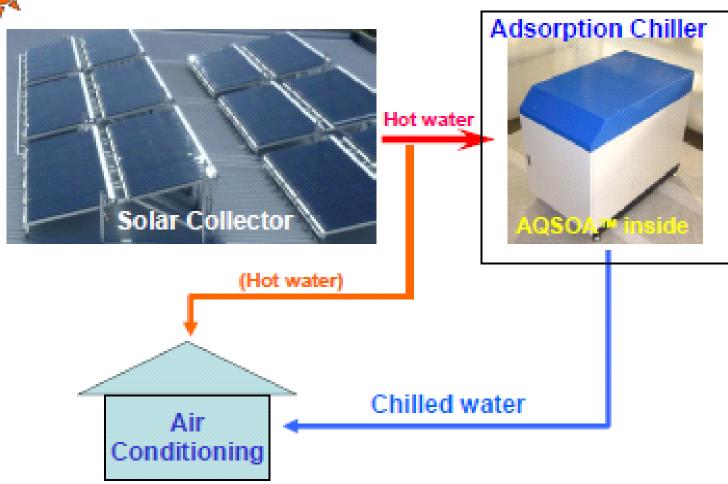


CHP+AHP



Solar+AHP







Compact AQSOA Chiller





M-type



MPI has developed 10kW Adsorption chiller. We are planning to design 5RT and 10RT for residential use and small building application.

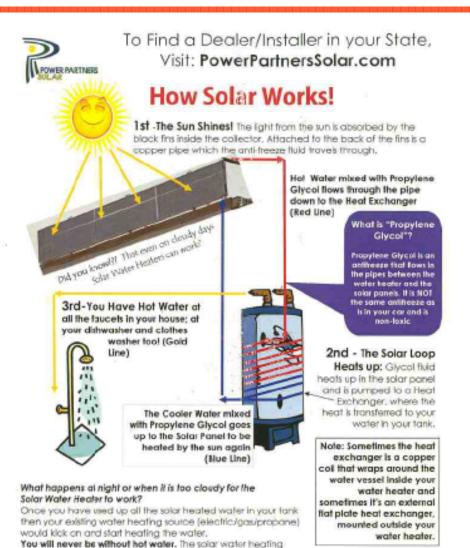




For: Commercial, Residential, Business Solar Water Heating Systems

Go Solar NOW!





According to the Dept of Energy, solar water healing systems reduce your water healing bills by 50% — 80 % and you never have to warry about the rising cost of fuel since they systems last 20+ years!

system is there so you don't have to pay to heat water when the sun is shining!

