

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

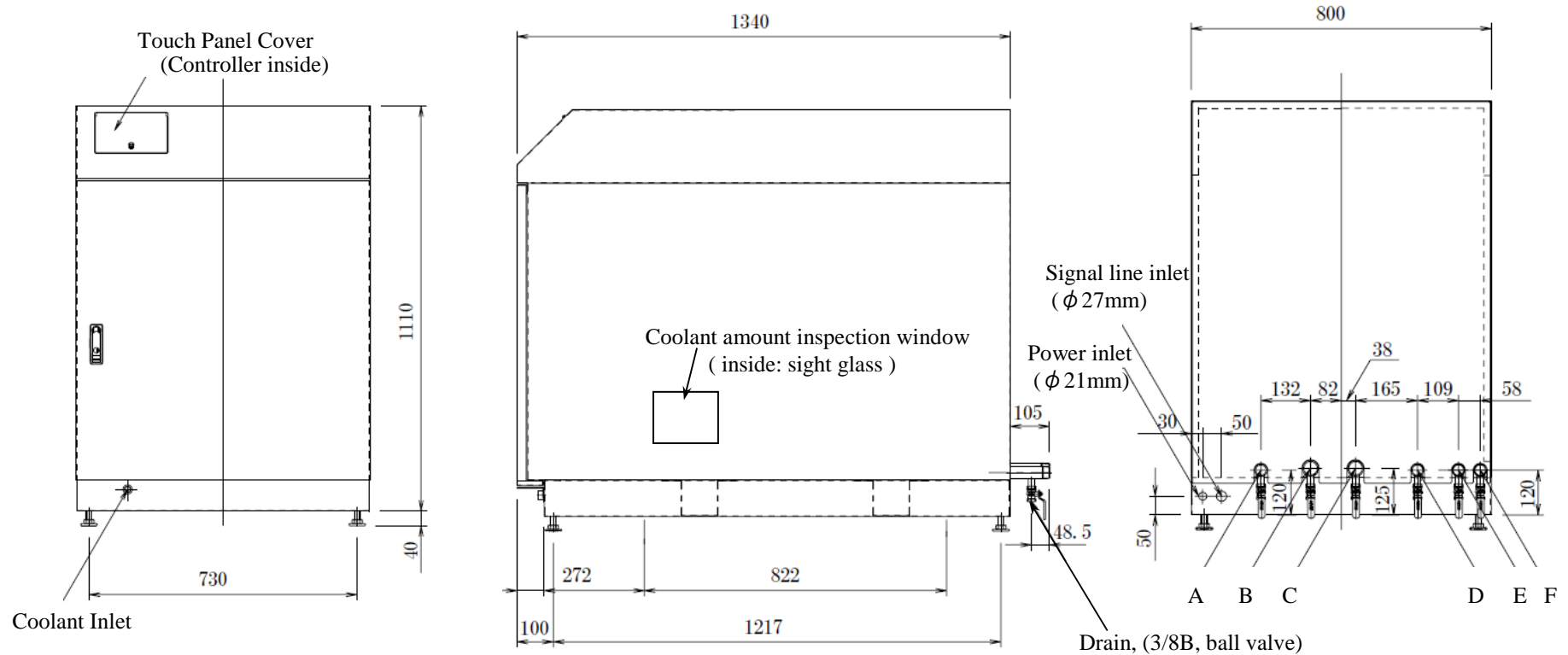
Manufactured at Union Industry Co., Ltd.

 **MITSUBISHI PLASTICS**

Nominal Specification

Type		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"	G1 1/4"
Performance Value	kW	21.8	9.8	46.5
COP of thermal conversion		0.45		
Power Supply		3Φ 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



- A: Chilled water outlet, G1" (male screw)
- B: Cooling water outlet, G1 1/4" (male screw)
- C: Cooling water inlet, G1 1/4" (male screw)
- D: Chilled water inlet, G1" (male screw)
- E: Hot water outlet, G1" (male screw)
- F: Hot water inlet, G1" (male screw)

Example

CHP + AHP

