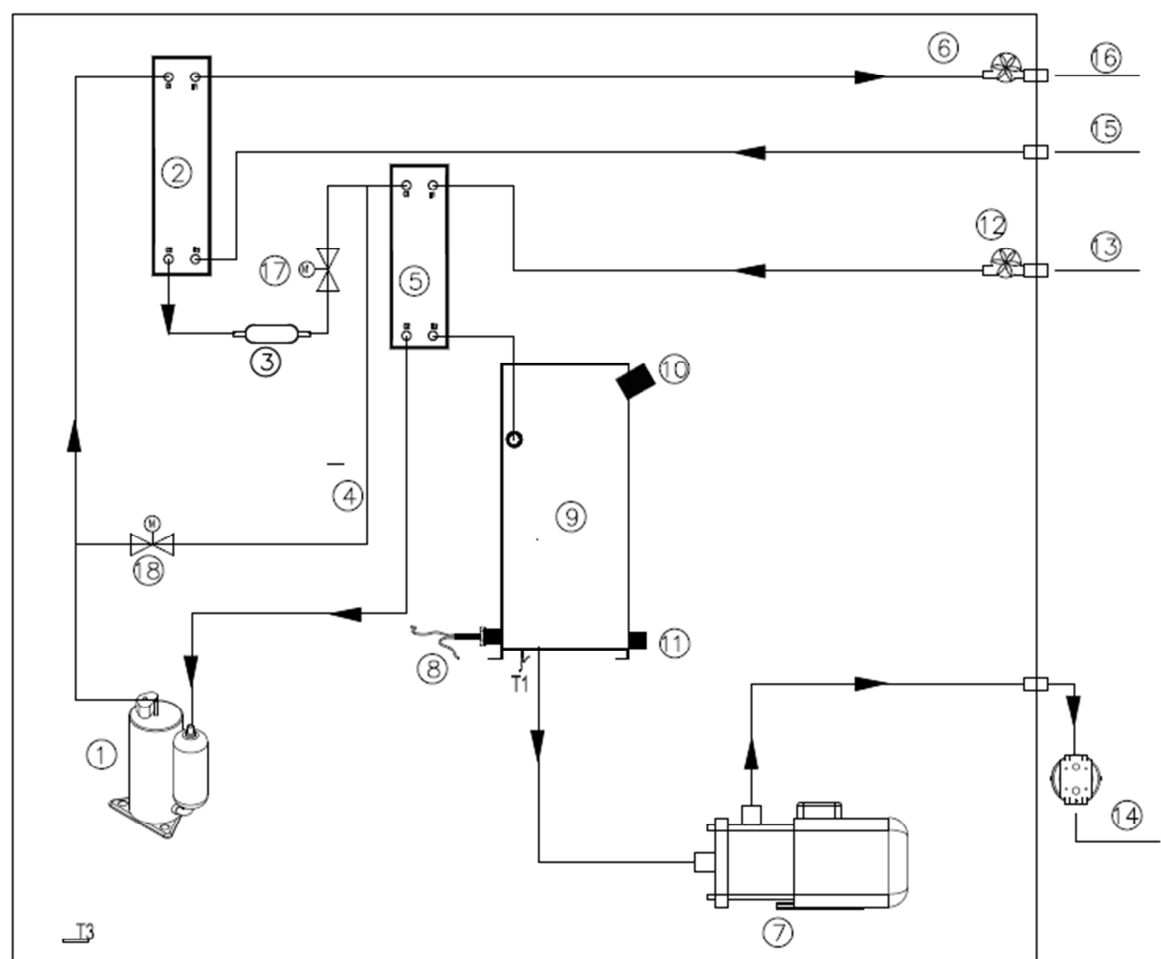


Water-Cooled Chillers



Process Chiller Working Principle



NO	名 称	NAME
1	压缩机	Compressor
2	冷凝器	Condenser
3	干燥器	Dryer
4	毛细管	Capillary tube
5	蒸发器	Evaporator
6	流量开关	Flowmeter
7	水泵	Pump motor
8	加热管	Heating bar
9	储水箱	Liquid Tank
10	补液口	Supply
11	排液口	Drain
12	流量开关	Flowmeter
13	进口	Inlet
14	出口	outlet
15	厂务水进口	Inlet Plant water
16	厂务水出口	outlet Plant water
17	电子膨胀阀	Refrigeration valve
18	热气旁通阀	Bypass valve
T1	感温棒	temperature sensor
T3	室温感温棒	Room temperature sensor

Dimensions

Left View	Front View	Right View	Rear View

Specifications

Model	AWXH-25PTS-1225A1
Cooling Capacity (50Hz)	2500W

Power	Main Circuit	AC 220V-240V 50Hz
	Control Circuit	Single Phase AC 220V-240V 50Hz
Enclosure Paint		RAL-7035
Dimensions		580×500×1040mm
Compressor		Rotary compressor 1kW
Evaporator		Stainless steel coil
Condenser		Stainless steel plate
Heating Element		304 stainless steel 0.5kW
Water Pump	Power	0.55kW
	Rated flow (50Hz)	30L/min (0.32Mpa)
Temperature Control		Select one of the following two modes: Differential temperature control mode (adjustable range: -9.9°C to +9.9°C) Constant temperature control mode (inlet temperature setpoint range: 5°C to 40°C)
Refrigerant Control		Capillary tube
Protection Devices		Overcurrent protection Flow protection Earth leakage protection Restart prevention timer High temperature protection Low temperature protection
Temperature Control Accuracy		±0.5°C
Refrigerant		R22
Water Tank Capacity		20L (pure water)
Temperature Range	Room temperature	10°C-45°C
	Inlet temperature	10°C-40°C
Connection Size	Inlet	G 1/2"
	Outlet	G 1/2"
	Plant water inlet	G 1/2"
	Plant water outlet	G 1/2"
	Drain port	G 1/2"
	Water filling port	G 1"
Weight		80kg
Standard Accessories		User manual Filter canister housing wrench Inlet/outlet connector (G 1/2" male – G 3/4" male ×2) Plant water quick connector, PL10-04 ×2 3 power cords ×2.5 mm², 8 m 2 signal cables ×0.75 mm², 8 m
Plant Water	Flow@Pressure	>15L/min@<0.6Mpa
	Temperature	<35°C