

5-Axis Machine Chiller

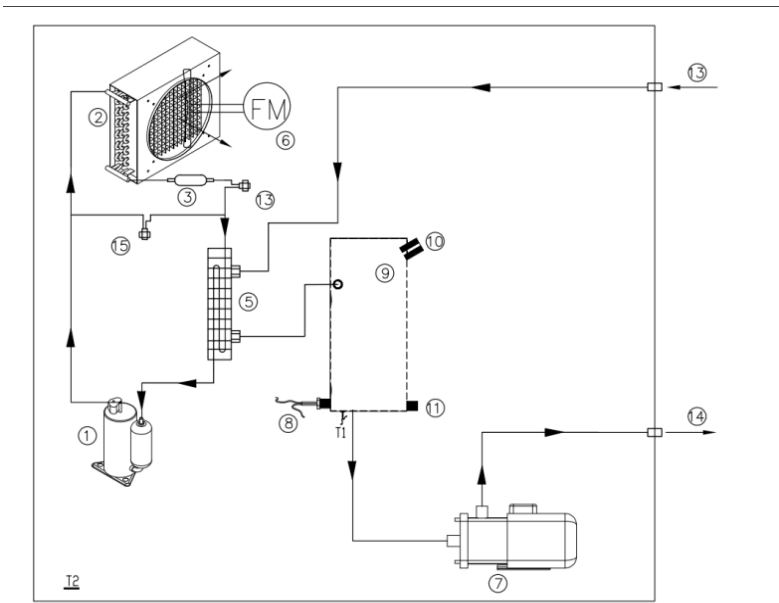


Dimensional Drawings

Top View	Left View	Front View	Right View	Rear View

1	Operation panel	10°C to 40°C(±0.5°C)
2	Fluid filling port	G 1"
3	Inlet	G 1/2"
4	Outlet	G 1/2"
5	Drain port	G 1/2"
6	Fluid level gauge	LG-50
7	Power cord port	Ø22, Single Phase AC, 220V, 50/60HZ
8	Air filter	353×440mm

Process Chiller Working Principle



1	压缩机	Compressor
2	冷凝器	Condenser
3	干燥器	Filter drier
4	蒸发器	Evaporator
5	轴流风机	Axial fan
6	水泵	Pump motor
7	加热管	Heating element
8	储水箱	Liquid tank
9	补液口	Water filling port
10	排液口	Drain port
11	低温进口	Low temperature inlet
12	低温出口	Low temperature outlet
13	节流阀	Throttle valve
14	旁通阀	Bypass valve
T1	液温感温棒	Liquid temperature sensor
T2	室温感温棒	Room temperature sensor

Specifications

Model		AWH25PTS-1227
Cooling Capacity (50HZ)		2500W
Power	Main Circuit	Single Phase AC 220V-240V 50/60Hz
	Control Circuit	Single Phase AC 220V-240V 50/60Hz
Enclosure Paint		RAL-7035
Dimensions		450×500×1040mm
Compressor		Rotary compressor
Evaporator		Plate evaporator
Condenser		Cross-fin coil type
Fan Blade		Propeller fan blade
Heating Element		304 stainless steel
Water Pump	Power	0.37kW
	Rated flow	2m³/h
Temperature Control		Select one of the following two modes: Differential temperature control mode (adjustable range: -9.9 ℃ to +9.9 ℃) Constant temperature control mode (inlet temperature setpoint range: 5 ℃ to 40 ℃)
Refrigerant Control		Electronic expansion valve
Protection Devices		Overcurrent protection Restart prevention timer High oil temperature protection Low oil temperature protection
Temperature Control Accuracy		±0.5 ℃
Refrigerant		R134a
Water Tank Capacity		20L (pure water)
Temperature Range	Room temperature	10 ℃ to 45 ℃
	Inlet temperature	10 ℃ to 40 ℃
Connection Size	Inlet	G 1/2"
	Outlet	G 1/2"
	Drain port	G 1/2"
	Water filling port	G 1"
Weight		60kg
Standard Accessories		User manual