

Machine Spindle Oil Chiller

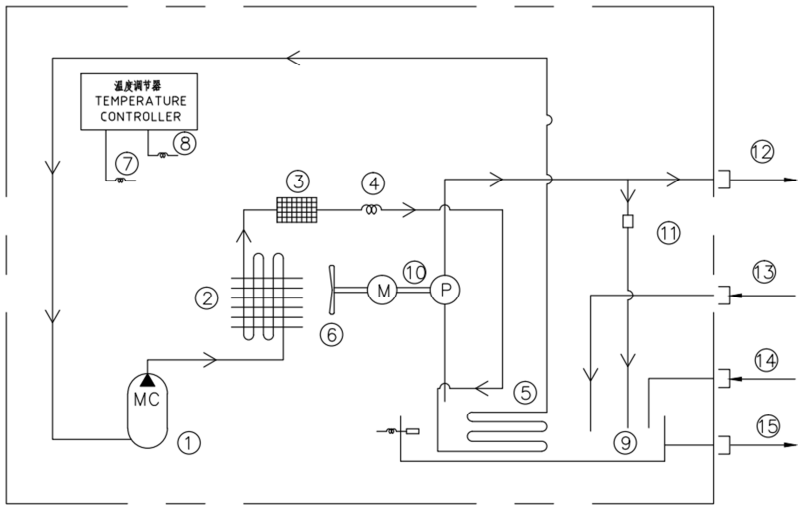


Dimensional Drawings

Left View	Front View	Right View	Rear View	Mounting Hole Layout (Bottom View)

Operation panel	10°C to 40°C(±1.5°C)
Power cord port	Ø22, Three Phase AC 220V/380V, 50HZ
Air filter	270×300mm
Inlet	G 1/2"
Outlet	G 1/2"
Fluid filling port	G 1"
Drain port	G 1/2"
Fluid level gauge	LG-50
Mounting hole	14-Ø12×18
Power supply	Three Phase AC 220V/380V, 50HZ
Cooling capacity	1000 W
Rated power	590 W

Process Chiller Working Principle



1	压缩机	Compressor
2	冷凝器	Condenser
3	干燥器	Filter drier
4	毛细管	Capillary tube
5	蒸发器	Evaporator
6	风叶	Fan blade
7	室温感温棒	Room temperature sensor
8	液温感温棒	Liquid temperature sensor
9	液 箱	Liquid tank
10	泵浦马达	Pump motor 1/4HP
11	旁通管	Bypass tube
12	出口	Outlet G 1/2"
13	进口	Inlet G 1/2"
14	补给口	Fluid filling port G 1"
15	排液口	Drain port G 1/2"

Specifications

Model		AO-10PTS
Cooling Capacity (50Hz)		1000W 860 Kcal/h
Power	Main circuit	Three Phase AC 220V/380V 50Hz（可根据客户当地的电源标准进行定制）
	Control circuit	Single Phase AC 26V 50Hz（可根据客户当地的电源标准进行定制）
Enclosure Paint		RAL-7035
Dimensions		365×445×660mm
Compressor		SD074
Evaporator		Aluminum fins with copper tubes
Condenser		Aluminum fins with copper tubes
Fan Blade		Propeller fan blade
Pump	Pump type (with motor)	3-Phase, induction motor 1/4 HP (0.19 kW), 4-Pole
	Rated flow (50Hz)	4.5 L/min
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: 10°C to 40°C)
Refrigerant Control		Capillary tube
Protection Devices		Compressor protection Overcurrent protection Phase reversal protection Restart prevention timer High liquid temperature protection Low liquid temperature protection
Applicable oil		Lubricating oil, spindle oil
Refrigerant		R22
Temperature Range	Room temperature	10°C to 45°C
	Inlet temperature	10°C to 40°C
Connection Size	Inlet	G 1/2"
	Outlet	G 1/2"
	Fluid filling port	G 1"
	Drain port	G 1/2"
Weight		50 kg