

Ball-Screw Fluid Chiller

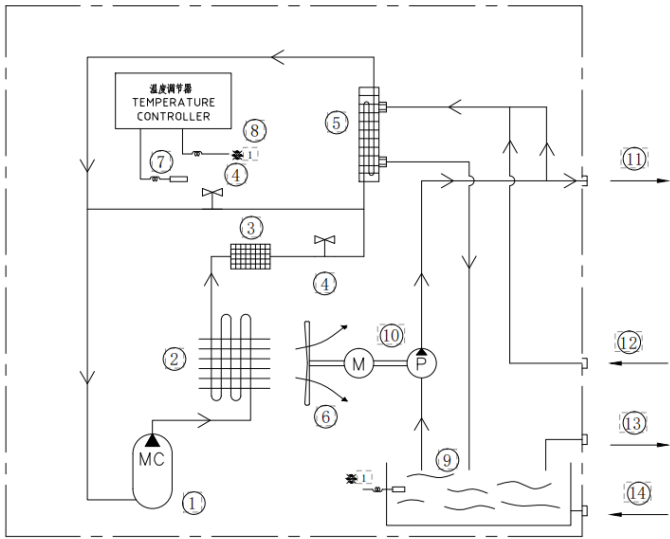


Dimensional Drawings

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

1	Operation panel	10°C to 40°C(±0.5°C)
2	Power cord port	Ø22, Three Phase AC 220V, 50HZ
3	Air filter	302×345mm
4	Inlet	PT 1/2"
5	Outlet	PT 1/2"
6	Fluid filling port	G 1"
7	Drain port	PT 1/2"
8	Fluid level gauge	LG-50
9	Mounting hole	4-Ø12×18

Process Chiller Working Principle



1	压缩机	Compressor
2	冷凝器	Condenser
3	干燥器	Filter drier
4	电子膨胀阀	Electronic expansion valve
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	出口	Outlet PT 1/2"
12	进口	Inlet PT 1/2"
13	补给口	Fluid filling port G 1"
14	排液口	Drain port PT 1/2"

Specifications

Model		AOH-15PTS-3225
Cooling Capacity (50Hz)		1500W
Power	Main circuit	Three Phase AC 220V 50Hz
	Control circuit	Single Phase AC 26V 50Hz
Enclosure Paint		RAL-7035
Dimensions		365×445×850mm
Compressor		WHP01800RCV-H3BU
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)	6.5 L/min
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: 10 ℃ to 40 ℃)
Refrigerant Control		Electronic expansion valve
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 ℃ to 45 ℃
	Inlet temperature	10 ℃ to 40 ℃
Connection Size	Inlet	PT 1/2"
	Outlet	PT 1/2"
	Fluid filling port	G 1"
	Drain port	PT 1/2"
Weight		60 kg
Standard Accessories		User manual