

Mold Making & EDM Machine



Dimensional Drawings

Top View	Left View	Front View	Right View	Rear View

1	Operation panel	10°C to 40°C(±1.5°C)
2	Power input port	Ø22, 1Ø380V, 50HZ
3	Air filter	380C ×435mm
4	Inlet	G 1"
5	Outlet	G 1"
6	Swivel caster	2"

Process Chiller Working Principle

		1	压缩机	Compressor
		2	冷凝器	Condenser
		3	干燥过滤器	Filter drier
		4	毛细管	Capillary tube
		5	蒸发器	Evaporator
		6	风扇	Fan
		7	室温感温棒	Room temperature sensor
		8	油温感温棒	Room temperature sensor
		9	油压力开关	Oil pressure switch
		10	油出口	Oil outlet PT 1"
		11	油进口	Oil inlet PT 1"

Specifications

Model		AOH-30PTS
Cooling Capacity (50Hz)		3000W
Power	Main circuit	Single Phase AC 220V 50Hz
	Control circuit	Single Phase AC 220V 50Hz
Enclosure Paint		RAL-7035
Dimensions		365×445×850mm
Compressor		WHP02300RCV-H3BUN
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
Water Tank Capacity		20L (pure water)
Refrigerant		R134a
Temperature Range	Room temperature	10 ℃ to 45 ℃
	Inlet temperature	10 ℃ to 40 ℃
Connection Size	Inlet	G 1/2"
	Outlet	G 1/2"
	Fluid filling port	G 1"
	Drain port	G 1/2"
Weight		65 kg
Standard Accessories		User manual