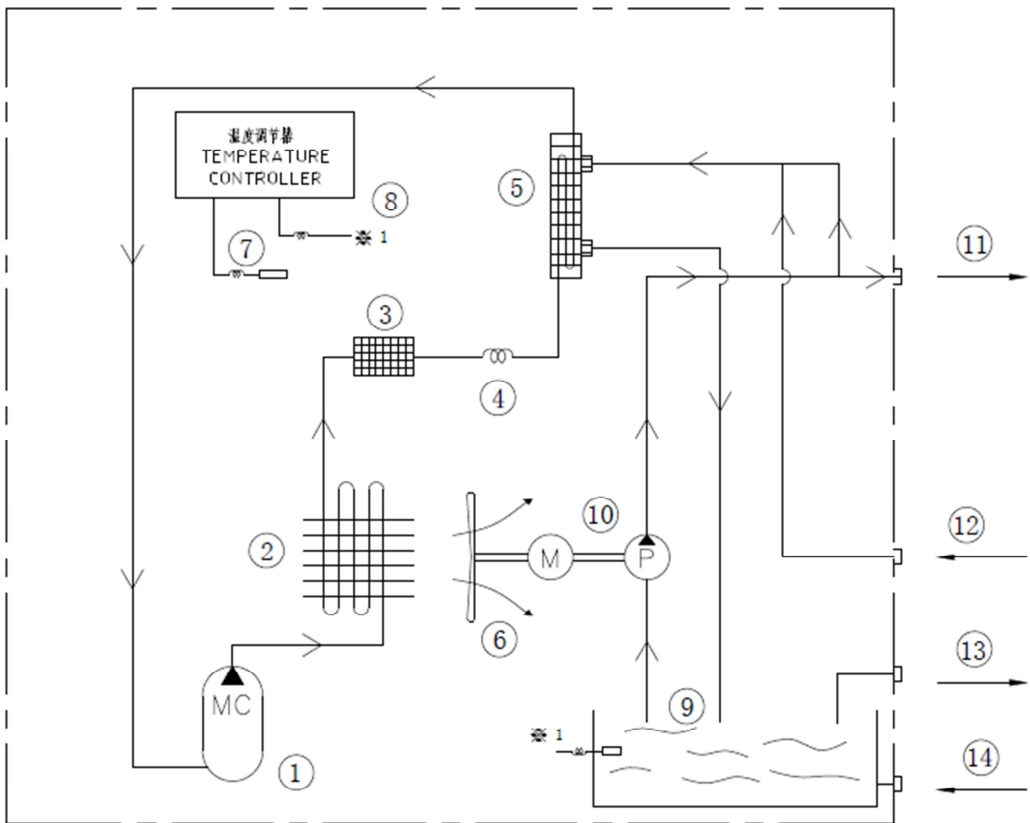


Oil Chillers / Fluid Chillers



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	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	G 1 Supply
14	排液口	Drain PT 1/2

Specifications

Model		AO-05
Cooling Capacity	W	500
	Kcal/h	430
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		600
Rated Current (A)		2
Pump Flow Rate (L/min)		3
Outlet Pressure (Mpa)		0.4
Connection		Rp1/2
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		2-10 cSt (spindle oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		12
Dimensions (with Oil Tank) (mm)		350×400×625
Weight (with Oil Tank) (kg)		40

Model		AO-10
Cooling Capacity	W	1000
	Kcal/h	860
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		700
Rated Current (A)		2.5
Pump Flow Rate (L/min)		3
Outlet Pressure (Mpa)		0.4
Connection		Rp1/2
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		2-10 cSt (spindle oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		20
Dimensions (with Oil Tank) (mm)		370×450×660
Weight (with Oil Tank) (kg)		50

Model		AO-15
Cooling Capacity	W	1500
	Kcal/h	1280
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		1000
Rated Current (A)		2.8
Pump Flow Rate (L/min)		5
Outlet Pressure (Mpa)		0.4
Connection		Rp1/2
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		2-10 cSt (spindle oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		20
Dimensions (with Oil Tank) (mm)		370×450×850
Weight (with Oil Tank) (kg)		60

Model		AO-20
Cooling Capacity	W	2000
	Kcal/h	1720
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		1200
Rated Current (A)		3.5
Pump Flow Rate (L/min)		12
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp1/2
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		2-10 cSt (spindle oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		20
Dimensions (with Oil Tank) (mm)		370×450×875
Weight (with Oil Tank) (kg)		70

Model		AO-25
Cooling Capacity	W	2500
	Kcal/h	2150
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		1800
Rated Current (A)		5.8
Pump Flow Rate (L/min)		12
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp3/4
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		30
Dimensions (with Oil Tank) (mm)		425×500×950
Weight (with Oil Tank) (kg)		70

Model		AO-35
Cooling Capacity	W	3500
	Kcal/h	3000
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		2200
Rated Current (A)		6
Pump Flow Rate (L/min)		20
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp3/4
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤62 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		30
Dimensions (with Oil Tank) (mm)		425×500×950
Weight (with Oil Tank) (kg)		75

Model		AO-50
Cooling Capacity	W	5000
	Kcal/h	4300
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		2600
Rated Current (A)		6.5
Pump Flow Rate (L/min)		30
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp1
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤68 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		40
Dimensions (with Oil Tank) (mm)		480×550×1200
Weight (with Oil Tank) (kg)		90

Model		AO-70
Cooling Capacity	W	7000
	Kcal/h	6000
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		4500
Rated Current (A)		9
Pump Flow Rate (L/min)		40
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp1
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤68 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		40
Dimensions (with Oil Tank) (mm)		675×545×1260
Weight (with Oil Tank) (kg)		100

Model		AO-100
Cooling Capacity	W	10000
	Kcal/h	8600
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		5500
Rated Current (A)		11
Pump Flow Rate (L/min)		50
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp1
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤68 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		60
Dimensions (with Oil Tank) (mm)		926×560×1250
Weight (with Oil Tank) (kg)		130

Model		AO-120
Cooling Capacity	W	12000
	Kcal/h	10500
Power Supply		Three Phase AC 220/380V 50Hz
Rated Power (W)		6200
Rated Current (A)		13
Pump Flow Rate (L/min)		60
Outlet Pressure (Mpa)		0.5-1.5
Connection		Rp1-1/4
Oil Temperature (°C)		Constant temperature control: 15°C to 50°C Differential temperature control (ambient temperature compensation): +9°C Control accuracy: ±1.5°C
Ambient Temperature (°C)		5-45
Oil Viscosity		≤46 cSt (spindle oil / lubricating oil / hydraulic oil)
Noise Level		≤68 dB(A)
Protection Rating		IP44
Oil Tank Capacity (L)		60
Dimensions (with Oil Tank) (mm)		710×1100×1350
Weight (with Oil Tank) (kg)		150