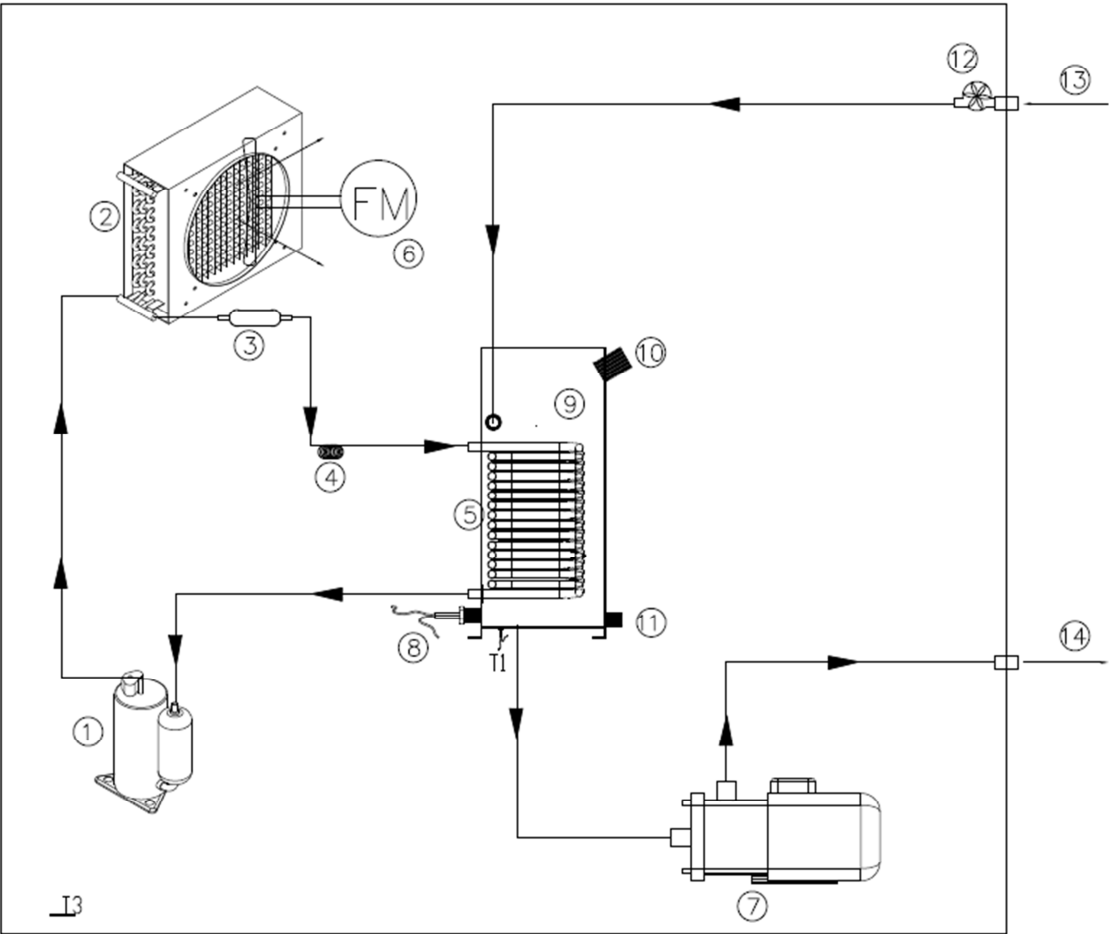


Air-Cooled Chillers



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	轴流风机	Axial Fan
7	水泵	Pump motor
8	加热管	Heating bar
9	储水箱	Liquid Tank
10	补液口	Supply
11	排液口	Drain
12	流量开关	Flowmeter
13	低温进口	Inlet low
14	低温出口	outlet low
T1	低温感温棒	low temperature sensor
T3	室温感温棒	Room temperature sensor

Specifications

Model		AW-10
Cooling Capacity	W	1000
	Kcal/h	860
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		850
Rated Current (A)		3.2
Water Pump Flow Rate (L/min)		15
Water Pump Head (m)		15
Connection		Rp1/2
Water 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°C
Noise Level		≤58 dB(A)
Protection Rating		IP44
Dimensions (mm)		360×440×700
Water Tank Capacity (L)		12

Weight (kg)	50
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Model		AW-15
Cooling Capacity	W	1500
	Kcal/h	1280
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		1000
Rated Current (A)		3.5
Water Pump Flow Rate (L/min)		20
Water Pump Head (m)		18
Connection		Rp1/2
Water 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°C
Noise Level		≤58
Protection Rating		IP44
Dimensions (mm)		370×450×755
Water Tank Capacity (L)		22
Weight (kg)		60

Model		AW-25
Cooling Capacity	W	2500
	Kcal/h	2150
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		1500
Rated Current (A)		4
Water Pump Flow Rate (L/min)		30
Water Pump Head (m)		18
Connection		Rp3/4
Water 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°C
Noise Level		≤62
Protection Rating		IP44
Dimensions (mm)		520×505×970
Water Tank Capacity (L)		35
Weight (kg)		80

Model		AW-35
Cooling Capacity	W	3500
	Kcal/h	3000
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		1900
Rated Current (A)		5
Water Pump Flow Rate (L/min)		30
Water Pump Head (m)		18
Connection		Rp3/4
Water 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°C
Noise Level		≤62
Protection Rating		IP44
Dimensions (mm)		520×505×970
Water Tank Capacity (L)		35
Weight (kg)		90

Model		AW-50
Cooling Capacity	W	5000

	Kcal/h	4300
Power Supply		Single Phase AC 220V 50Hz or Three AC 220/380V 50Hz
Rated Power (W)		2800
Rated Current (A)		5.6
Water Pump Flow Rate (L/min)		40
Water Pump Head (m)		25
Connection		Rp3/4
Water 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°C
Noise Level		≤62
Protection Rating		IP44
Dimensions (mm)		520×505×970
Water Tank Capacity (L)		35
Weight (kg)		90

Model		AW-70
Cooling Capacity	W	7000
	Kcal/h	6000
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		3500
Rated Current (A)		7.5
Water Pump Flow Rate (L/min)		40
Water Pump Head (m)		25
Connection		Rp1
Water 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°C
Noise Level		≤68
Protection Rating		IP44
Dimensions (mm)		675×545×1265
Water Tank Capacity (L)		45
Weight (kg)		140

Model		AW-100
Cooling Capacity	W	10000
	Kcal/h	8600
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		5000
Rated Current (A)		9.5
Water Pump Flow Rate (L/min)		50
Water Pump Head (m)		25
Connection		Rp1
Water 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°C
Noise Level		≤68
Protection Rating		IP44
Dimensions (mm)		925×605×1250
Water Tank Capacity (L)		65
Weight (kg)		180

Model		AW-120
Cooling Capacity	W	12000
	Kcal/h	10500
Power Supply		Single Phase AC 220V 50Hz or Three Phase AC 220/380V 50Hz
Rated Power (W)		6000
Rated Current (A)		10

Water Pump Flow Rate (L/min)	70
Water Pump Head (m)	25
Connection	Rp1-1/4
Water 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°C
Noise Level	≤68
Protection Rating	IP44
Dimensions (mm)	925×605×1250
Water Tank Capacity (L)	80
Weight (kg)	260