

Air-Cooled Chiller



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	低温恒温棒	low temperature sensor
T3	室温恒温棒	Room temperature sensor

Specifications

Air-Cooled Chiller Specifications

Model		CFQ-UL01R-A-3227
Cooling Capacity (50HZ)		1200/1450W
Power	Main Circuit	Three Phase 220VAC 50/60Hz 1280/1500W 6/7.3A
	Control Circuit	Single Phase AC 220V 50/60Hz
Enclosure Paint		RAL-7035
Dimensions		413×608×934mm
Compressor		Rotary compressor
Evaporator		Helical coil type
Condenser		Aluminum fins with copper tubes
Fan		External rotor fan 4E-250S
Water Pump	Power	550W
	Rated flow (50/60Hz)	30L/min, 27/34m (max)
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
Refrigerant		R32
Temperature Control Accuracy		±0.3℃
Temperature Range	Room temperature	9℃ to 40℃
	Inlet temperature	9℃ to 40℃
Connection Size	Inlet	G 3/8”
	Outlet	G 3/8”
	Fluid filling port	G 1”
	Drain port	G 1/2”
Weight		60 kg
Standard Accessories		User manual
Test Conditions		Room temperature: 30℃ Inlet temperature: 25℃

Water-Cooled Chiller Specifications

Model		CFQ-UL01R-1227W
Cooling Capacity (50Hz)		1200/1450W
Power	Main Circuit	Single Phase AC 220V 50/60Hz 1280/1500W 6/7.3A
	Control Circuit	Single Phase AC 220V-240V 50/60Hz
Enclosure Paint		RAL-7035
Dimensions		608×413×934mm
Compressor		Rotary compressor
Evaporator		Stainless steel coil
Condenser		Stainless steel plate
Heating element		304 stainless steel, 0.5kW
Water Pump	Power	0.55kW
	Rated flow (50/60Hz)	30 L/min, 27/34m (max)
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: 5 ℃ to 40 ℃)
Refrigerant Control		Electronic expansion valve
Protection Devices		Overcurrent protection Restart prevention timer High oil temperature protection Low oil temperature protection
Temperature Control Accuracy		±0.3℃
Refrigerant		R32
Water Tank Capacity		20L (pure water)
Temperature Range	Room temperature	10℃ to 40℃
	Inlet temperature	5℃ to 40℃
Connection Size	Inlet	G 3/8"
	Outlet	G 3/8"
	Plant water inlet	G 1/2"
	Plant water outlet	G 1/2"
	Drain port	G 1/2"
	Water filling port	G 1"
Weight		60kg
Standard Accessories		User manual
Plant Water	Flow@Pressure	>15L/min@<0.6Mpa
	Temperature	5℃ to 40℃
Test Conditions		Room temperature: 35℃ Inlet temperature: 35℃