Recirculating Chiller- MINI COOL

-20℃ RT

How It Works

The compressor refrigeration system makes the liquid refrigerant absorb heat and evaporate through the evaporator. After it becomes gaseous, it is compressed by the compressor, and the temperature and pressure increase. The gaseous refrigerant dissipates heat and condenses into liquid through the air-cooled condenser. After the capillary throttling and pressure reduction, it enters the evaporator again to complete the cycle. The coolant is pumped out from the liquid tank by the water pump, absorbs the heat of the equipment and flows back to the liquid tank to achieve continuous cooling. It is suitable for small rotary evaporators and other cooling equipment.

Mini-cool

Features

- It uses SECOP imported compressor and has built-in R290 environmentally friendly refrigerant.
- The circulating nozzle is a Φ10mm pagoda head, which can rotate 360°.
- The compressor delayed start protection, thermal overload protection and overcurrent protection functions can effectively protect the safety of the equipment.

Suggested Match

Mini-cool

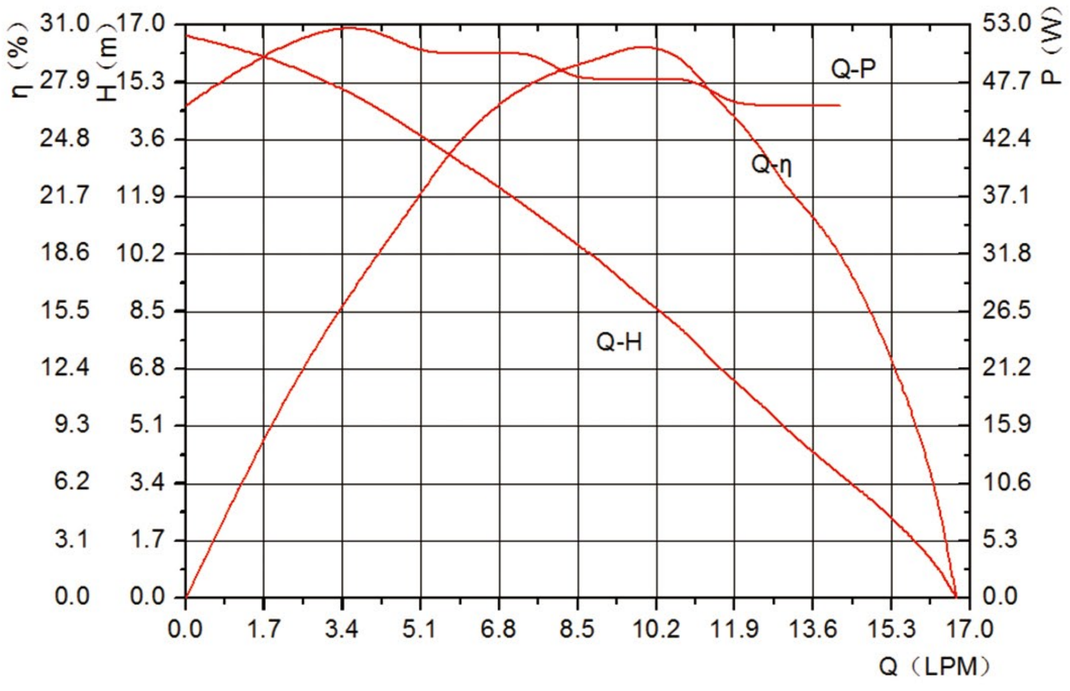
ATR-001

B40

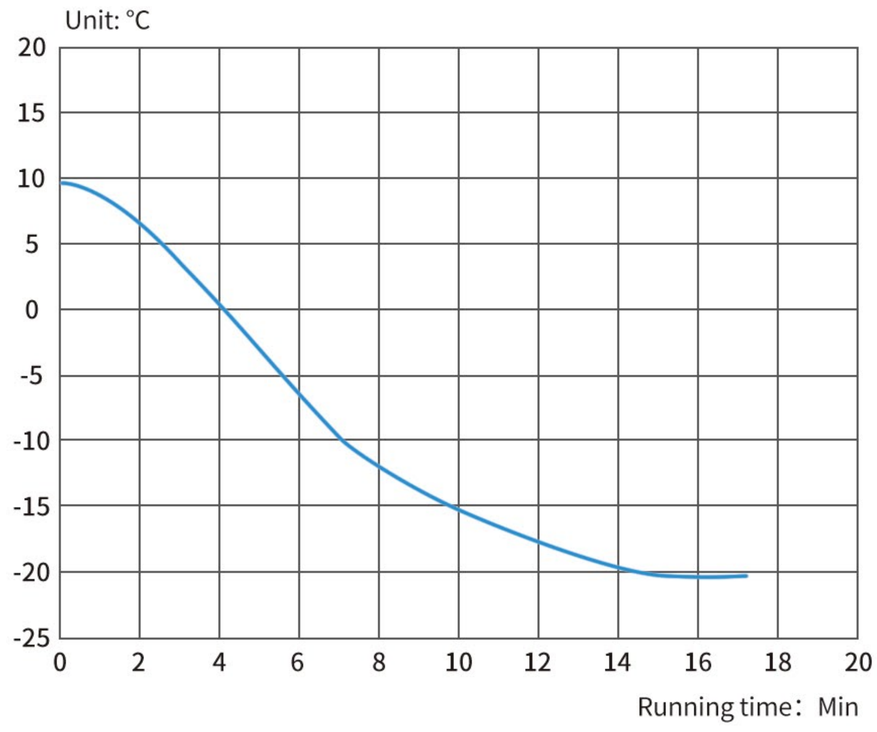
Parameters

Product model	Mini-cool	
Temperature range	-20°C~RT	
Power supply/total power	220V ~50Hz/320W	
Cooling capacity	7.2°C	1097W
	0°C	858W
	-20°C	489W
Temperature Sensor	PT100	
Refrigerant	R290	
Cooling method	Air Cooling	
Compressor/power	SECOP/249W	
Reservoir capacity	⩽5L	
Flow/Lift	16Lpm/16M	
Control method	1.28 inch,IPS round knob screen	
Noise level	⩽55dB（A) This data comes from our company's laboratory noise instrument	
Interface	Φ10mm Pagoda Head	
Size	446L*270W*490H	
Weight	23kg	

Test Curve



Circulation pump curve



Cooling curve

(No load / ambient temp. 20°C)