

DW-YQ-5/10 DW-YQ-5/20

Low Temperature Cooling Circulator

Description

DW-YQ series cooling circulator is a low temperature liquid circulation equipment with mechanical refrigeration method, which can provide low temperature liquid or low temperature bath. DW-YQ series cooling circulator can be used with rotary evaporator, freeze dryer, water circulation vacuum pump and magnetic stirring in the chemical reaction and medicine reservoir under low temperature condition. Big sized cooling circulator is with constant current and constant pressure, whose circulating liquid can meet the cooling requirement of valuable instruments like electron microscope, electron probe, ultra-high vacuum sputtering apparatus, X-ray machine, laser and accelerator. DW-YQ series cooling circulator can also provide cooling liquid with requested temperature and pure water for big instruments in purifying high pure metal and rare material, in environmental experiments, magnetron sputtering and vacuum coating. This series instrument is especially suitable for chemical, biological and physical laboratories which requires low temperature or normal temperature experiments. And also an essential instrument in chemical industry, food industry, metallurgy industry, colleges and universities, scientific research, genetic engineering and polymer engineering laboratory.

Features

- Imported totally closed compressor group and water circulation pump in international famous brand, which has advanced property and reliable performance.
- The key components of refrigerating unit, like relays, protectors, capacitors and refrigeration parts are all quality components imported.
- Digital display temperature with microcomputer temperature control, which is easy to operate and eye-catching.
- The circulation system is made of anti-corrosion material, which is rust-proof, anti-corrosion and pollution free against low temperature liquid.
- Energy saving: DW-YQ series cooling circulator can prevent fouling and pollution in water shortage, poor water quality and poor water pressure circumstances, so that the big precision equipment can be protected in good operation under high temperature or other poor working environment.
- All models can be customized with different lowest temperature, refrigerating capacity and water tank volume,



Specifications

Model	DW-YQ-5/10	DW-YQ-5/20
Working Temperature	-10°C--RT.	-20°C--RT.
Environment Temp.	5—32°C	
Temperature display	High precision LCD Screen	
Temperature Precision	0.1k	
Temperature stability	±0.5k	
Temperature sensor	Pt100	
Coolant	R404A/ethyl alcohol	
Coolant weight	220g	
Refrigerating apacity	280~1100W	550~1240W
Max. Flow Rate	20L（0bar）	
Pump pressure	0.3bar	
Pump extraction	0.2bar	
Storage tank volume	5L	
Size	400*280*540mm	400*320*650mm
Weight	40kg	45kg
Voltage	220VAC	
Frequency	50/60Hz	
Input power	250W	630W