

The recirculating chiller with new design and new features!

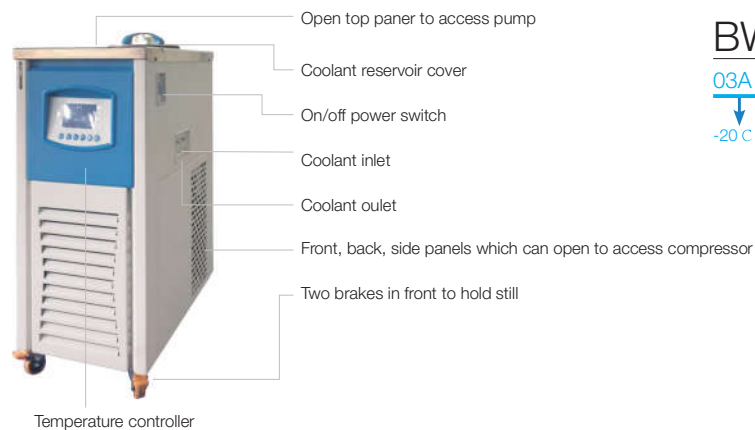
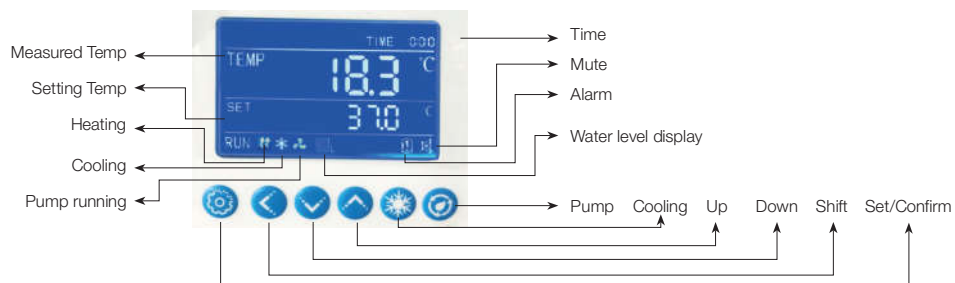
The chiller will provide stability and low temperature environment for experimental instruments like rotary evaporator, etching device high temperature electrode, laser processing machinery heating parts, or spectrophotometer heating module. The precise temperature control provides out-class system cooling effect, prevents damage from overheating and improves the cooling ability of the instrument.

Features

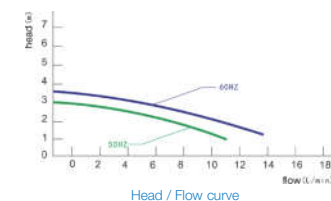
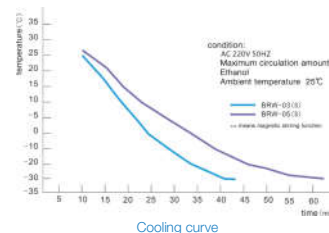
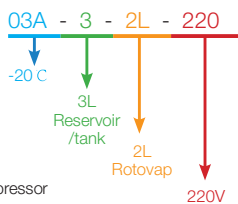
- Eco-friendly refrigerant R404A.
- Cooling parts made by high purity copper nickel plating process with high heat exchange efficiency.
- PID microcomputer control strongly rule out the factors that affect the temperature adjustment accuracy and reduce the error.
- High efficiency circulating pump with quality lift characteristics.
- Built-in stainless steel (SUS304) storage tank with optional configured 0-1200rpm magnetic stirring could achieve multi-purpose.
- The instrument could use both laboratory pure water or ethanol solution as a circulating coolant.
- Built-in compressor protection, over-voltage, and overload protection.



The average operational lifespan pf 10 years is supported by a 2 year warranty and make your purchase a worthwhile investment.



BWR Chillers



IMPORTANT! TESTS ARE UNDER EMPTY LOAD CONDITION (NO ROTARY EVAPORATORS OR JACKETED REACTORS ATTACHED).

Specifications

Production name	Low temperature cooling cycle system					
Model	BWR-03A/B/C	BWR-05A/B/C	BWR-10A/B/C	BWR-20A/B/C	BWR-30A/B/C	
Storage Tank maximum capacity (L)	3	5	10	20	30	
No-load minimum temperature(°C)	A:-20°C \B:-30°C \C:-40°C					
Best operating temperature(°C)	≤25°C					
Environmental humidity(%RH)	≤65%RH					
Temperature accuracy(°C)	±0.5°C					
Machine noise	≤60dB					
Eco-friendly Refrigerant	R404A					
Machine power (W)	450W	600W	800W	1650W	A:2000W B:2000W C:4100W	
Refrigeration unit current (A)	2.7	3.8	5.8	7.2	7.2	
Cooling capacity at -20°C (kw)	0.5	0.8	2.2	3.7	3.7	
Adaptation Steam Turbine (L)	2	2L*2	5L*2	10L*2	20L	
Power requirements	220V/50HZ (110V/60HZ)	220V/50HZ (110V/60HZ)	220V/50HZ/60HZ	220V/50HZ/60HZ	220V/50HZ/60HZ 380V/50HZ/60HZ	
Magnetic stirrer devices	Optional			N/A		
Pump	Maximum flow rate (L / min)	11	16	23	40	
	Maximum head (m)	3.5m				
	operating pressure (bar)	0.35	0.5	0.5	0.5	1
	Inlet/Outlet pipe diameter (mm)	φ 8	φ 8	φ 12	φ 12	φ 19
Size	Weight (Kg)	30	50	75	105	110
	Liquid tank opening / depth (mm)	φ 180mm*120mm	φ 220mm*180mm	φ 250mm*250mm	φ 300mm*300mm	φ 350mm*350mm
	Dimensions (mm)	245*530*580	310*530*580	400*530*830	450*530*830	500*850*1100
Controller	ontroller, monitor	LCD				
	Computer interface	R485				
Security Features	Protection reminders	delay, leakage, overcurrent, overvoltage				
	Low liquid level alarm	No		Yes		