

Chiller

Recirculating Chiller



Technical Parameters:

Model	CCA-420	DLSB-5/20	DLSB-20/40
Temp. Display	LED display		
Tank Volume	4L	6.8L	20L
Matching Reaction Kettle(Steam)	1~2L	1~5L	20L
Tank Material	304 Stainless Steel	201 Stainless Steel	
Tank Size	250*130*130mm	Φ220*180mm	Φ300*300mm
Temp. Control Accuracy	±0.1°C		
Display Temp. Resolution	0.1°C		
Pump Lift	1.5~2.7m	4~6m	
Circulating Pump Flow	8~16L/min	20~40L/min	
Refrigerant	R134A	R22	
Refrigerating Capacity	1550~500W	2324~735W	6972~2205W
Pressure	≤0.4Mpa		
Ambient Relative Humidity	(60~80%)Ventilation		
Instrument Temp. Control Range	-20°C~RT		-40°C~RT
Optimum Ambient Temp.	5~35°C		
Unload Min Temp.	-20°C	-20°C	-42°C
Circulation Pump Power	100W		
Circulating Pump	Magnetic pump	Fully-closed &No-leaked special pump	
Circulating Water Mouth Interface	Outer diameter11 mm/ Inner diameter7mm	\	
Sensor	PT100		
Coil Diameter	\	Φ185mm	Φ255mm
Opening Size	\	Φ200mm	Φ250mm
Power Supply	AC220V±10%, 50/60Hz	AC220±10%, 50/60Hz; AC110±10%, 60Hz	

Model	CCA-420	DLSB-5/20	DLSB20/40
Secure Protection	Overload protection, Overheating protection, Refrigerator delay protector	Leakage, overload circuit breaker, Overload relay circuit, Refrigerator protection timer, Circulating pump thermal protector, Refrigerator high-pressure pressure switch, Temperature control self-diagnosis function	
External Size(W*D*H)mm	520*250*560	485*423*(760+400)	590*670*(975+500)
Package Size(W*D*H)mm	580*310*560	595*435*880	725*595*1130
Gross Weight(kg)	30	65	122.5
Accessories	In and out joint *1, silicone pipe insulation*2	In and out joint *1, Vertical rod*1, Thermal insulation pipe*2	
Applicable Rotary Evaporator Model	RE-2010, RE-2000A, RE-2000B, RE-2000E, RE-52A, RE-52C, RE-5299, RE-201D, RE 100-Pro	RE-301, RE-501	RE-1002, ExRE-1002, RE-2002

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Corollary Equipment:

Kjeldahl Apparatus, Soxhlet Extractor, Crude Fiber Analyzer, AAS, ICP-MS, Electrophoresis System, Rheometer, Automatic Synthesizer, Fermentation Apparatus, Rotary Evaporator, Extraction and Condensation Device, SPE Apparatus.

Features:

- * Cooling system adopt TECUMSEH compressor in order to ensure cooling efficiency, and reduce noise.
- * PID temperature controlling technology is adopted. Cooling method is not the traditional start-stop type, EEV technology improve the stability.
- * Over-temperature protection and auto-alarm function is used in refrigeration control system to avoid damage temperature medium caused by abnormal liquid temperature value.
- * Water level observation window and automatic water level detection device, automatic alarm when low liquid level.
- * Water current detection device is adopted. When external cycle closed or blocked, internal cycle will be switched automatically.
- * High performance circulating water pump guarantee the long time continuous running, and good sealing avoid leakage. The pressure of pump is 0~1.5 bar, adjustment is available by rotary knob. Pressure value is displayed.
- * Color LCD screen display more running data and dynamic identifier. Easy to monitor.



Technical Parameters:

Model	BK-RC1200
Temp. Control Range	5°C ~ 40°C
Temp. Control	PID
Temp. Stability	±0.3°C
Temp. Sensor	PT100
Display Resolution	0.1°C
Pump Flow Rate	20L/min
Cooling Consumption	1.2KW
Refrigerant	R134a
Pump Capacity Pressure	0~1.5 bar
Filling Volume	8L
Power Supply	AC220V±10%, 50Hz
External Size(W*D*H)	550*400*650mm
Package Size(W*D*H)	810*640*980mm
Gross Weight	87kg



LCD display



Pressure gauge



Castor