



## WATER CHILLER BCHI-205

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Water chiller is a device used to lower the temperature of water. Water chiller use water as a refrigerant instead of toxic chemicals. This makes them safer for people who have contact with them. Water chiller are overall more efficient. Used in Biotechnology, Laser, Analytical, Automotive, Packaging, Injection Molding, Die Cutting, Food, Beverage, Chemical, Machine tool, Semi-conductor.

Also known as Laboratory Water Chiller.

## BCHI-205 WATER CHILLER



The well-known product spleen compressor, high-efficiency shell and tube condenser, evaporator combination, super refrigeration, power saving PID microcomputer full-function control, easy to operate, can accurately control the water temperature within 3°C~35°C.

Unique new design stainless steel opening Type thermal insulation water tank, easy to clean and repair, reasonable internal pipeline layout, effectively reducing energy consumption.

Copper pipes are welded with Smick L30345% silver electrode, with high density and long life.

With current overload protection, high and low voltage switch, delay protection, over temperature protection, antifreeze, abnormal indication system.

## SPECIFICATIONS

Model	BCHI-205
Freezing capacity	
kw	29 kw
kcal/h	24940 kcal/h
btu/h	98948 btu/h
Compressor	
Output power	7.5 kw
hp	5x2 hp
Weight	5 kg
Refrigerant	
Control mode	Thermal expansion valve
Type	R22 ( R407C optional )
Evaporator(Type)	Tube-in-shell
Condensor(Water Chiller)	
Type	Tube-in-shell
Cooling water flow	119
In/out pipe	2 inch
Water tank capacity	120 L
Pump	
Type	Stainless steel centrifugal pump
Power kw	0.75 kw
Flow rate	115 l/min
Working pressure	2 bar
Chilled wateroutlet	1 v 2 inchx1

Pipe coupling	
Chilled water inlet	1 v 2 inch x1
Water tank drainage port	1/2 inch
Dimension(LXWXH) mm	1180x800x1030 mm
Weight	330 kg
Power	3 ph-380 V/50 Hz (220 V/400 V/415 V/440 V 50 Hz/60 Hz)
Temperature	5-35 °C
Tolerance	± 0.5 °C (± 1 °C at low load)
Safety protections	High and low pressure controller/anti-freezing switch/overload of pump and compressor protection/overheat protection/delayed protection



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