

# WATER CHILLER CHI11-142



# WATER CHILLER CHI11-142

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.

## CHI11-142 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	CHI11-142
Freezing capacity	
kw	142 kw
kcal/h	122120 kcal/h
btu/h	484504 btu/h
Compressor	
Output power	37.5 kw
hp	25x2 hp
Weight	34 kg
Refrigerant	
Control mode	Thermostatic expansion valve
Type	R22 ( R407C optional )
Evaporator(Type)	Tube-in-shell
Condensor(Water Chiller)	
Type	Tube-in-shell
Cooling water flow	600
In/out pipe	3 inch
Water tank capacity	350 L
Pump	
Type	Stainless steel centrifugal pump
Power kw	3.75 kw
Flow rate	400 l/min
Working pressure	3 bar

Chilled wateroutlet	3 inch
Pipe coupling	
Chilled water inlet	3 inch
Water tank drainage port	1 inch
Dimension(LXWXH) mm	3260x1055x1740 mm
Weight	1500 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



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)