

# WATER CHILLER CHI11-023



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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.

## CHI11-023 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                    | CHI11-023                        |
| Freezing capacity        |                                  |
| kw                       | 23.2 kw                          |
| kcal/h                   | 19952 kcal/h                     |
| btu/h                    | 79158.4 btu/h                    |
| Compressor               |                                  |
| Output power             | 6 kw                             |
| hp                       | 4x2 hp                           |
| Weight                   | 3.8 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       | 95                               |
| In/out pipe              | 1 v 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 inchx1  |
| Water tank drainage port | 1/2 inch  |
| Dimension(LXWXH) mm      | 1180x800x1030 mm  |
| Weight                   | 300 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 |

# ***Centrifugen***

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