

# RECIRCULATING CHILLER WATER COOLED LTCHI9-2



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## LTCHI9-2

Also known as Laboratory Water Chiller.

### LTCHI9-2 RECIRCULATING CHILLER WATER COOLED

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                    | LTCHI9-2                         |
| Freezing capacity        |                                  |
| kw                       | 14.5 kw                          |
| kcal/h                   | 12470 kcal/h                     |
| btu/h                    | 49474 btu/h                      |
| Compressor               |                                  |
| Output power             | 3.7 kw                           |
| hp                       | 5 hp                             |
| Weight                   | 2.5 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       | 60                               |
| In/out pipe              | 1 v 2 inch                       |
| Water tank capacity      | 60 L                             |
| Pump                     |                                  |
| Type                     | Stainless steel centrifugal pump |
| Power kw                 | 0.37 kw                          |
| Flow rate                | 88 l/min                         |
| Working pressure         | 2 bar                            |
| Chilled wateroutlet      | 1 inch x1                        |
| Pipe coupling            |                                  |

|                          |   |
|--------------------------|---|
| Chilled water inlet      | 1 inchx1  |
| Water tank drainage port | 1/2 inch  |
| Dimension(LXWXH) mm      | 1080x570x940 mm   |
| Weight                   | 210 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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