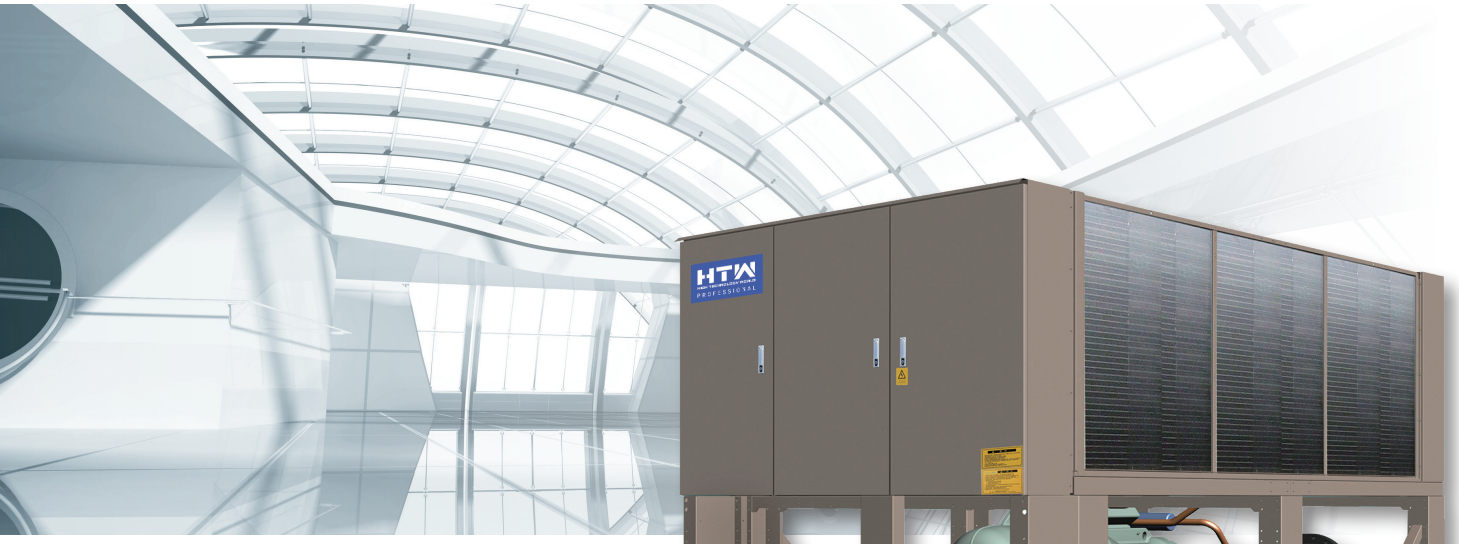





## Refrigerant R134A

This type of gas is environmentally friendly refrigerant. Refrigerant is chlorine free HFC with zero ozone depletion potential. Very low global warming potential.

## Design flexibility

Six basic capacity modules, wide array of module combination. Standard module for flexible stock and fas delivery. Field-coupled to meet large project tonnage requirements. Low initial investment and maintenance cost.

## Anti-ice function

When the unit goes into defrost mode, it absorbs energy through a hot gas tube, so it doesn't affect the water temperature.

## Extremely high full load and partial load energy efficiency

New twin-rotor screw compressor equipped with a high-efficiency motor and a variable capacity valve that can adjust capacity in 4 stages 25%, 50%, 75% and 100% (Stepless control is optional) allowing the cooling capacity to more accurately match the actual load.
A decrease in chiller energy costs, particularly under the partial-load conditions at which the chiller operates most of the time.

## Silent operation

Larger dimensions impellers reduced speed causing less noise. The lowe ambient temperature, the lower fan air flow then reduce noise. Intelligent control logic balance the performance and working fan numbers to control the noise and power consumption.

## Compact design and easy installation

Compact size and light weight design minimized the installation footprint, reduces the installation floor load, and easier for transportation. For some projects the units can even be transported through the elevator or forklift, lessen access problem at the jobsite.

## High efficiency heat exchange technology

High efficiency shell and tube heat exchanger, 2 path, straight water pipe, easy to clean. Both two side cover can be exchanged to meet customer's requirement for condenser.

## Multifunction touch display

Microprocessor control with touch screen.

## Advanced twin-rotor screw compressor

The compressor offers quiet operation and outstanding durability.

| MODELS | | | HTW-LSBLGW 380C | HTW-LSBLGW 500C | HTW-LSBLGW 600C | HTW-LSBLGW 720C | HTW-LSBLGW 900C | HTW-LSBLGW 1000C | HTW-LSBLGW 1200C | HTW-LSBLGW 1420C |
|---|---|---|---|---|---|---|---|---|---|---|
| Power supply | | V,P,HZ | 380-415V (3 Ph~50Hz) | | | | | | | |
| PERFORMANCE | | | | | | | | | | |
| Cooling capacity | Capacity | kW | 376 | 496 | 594 | 720 | 902 | 996 | 1203 | 1419 |
| | Rated power consumption | kW | 124 | 159 | 187 | 234 | 285 | 318 | 381 | 466 |
| | Rated current | A | 212 | 271 | 319 | 398 | 483 | 542 | 650 | 796 |
| | EER | - | 3,03 | 3,12 | 3,17 | 3,07 | 3,16 | 3,13 | 3,15 | 3,04 |
| FEATURES | | | | | | | | | | |
| Air flow | | $m^3/h$ | 23000 x 6 | 23000 x 8 | 23000 x 10 | 23000 x 10 | 23000 x 14 | 23000 x 16 | 23000 x 16 | 23000X20 |
| Water flow | | $m^3/h$ | 65,4 | 86 | 103,2 | 123,8 | 154,8 | 172 | 206,4 | 244,2 |
| Water outlet pressure | | kPa | 39 | 54 | 56 | 58 | 74 | 75 | 71 | 69 |
| Refrigerant | Type | - | R134A | | | | | | | |
| | Charge | Kg | 76 | 90 | 105 | 140 | 76+90 | 90+90 | 105+105 | 140+140 |
| Fans | | units | 6 | 8 | 10 | 10 | 14 | 16 | 16 | 20 |
| DIMENSIONS & WEIGHT | | | | | | | | | | |
| Net dimensions (WxHxD) | | mm | 2280x2370x3810 | 2280x2370x4865 | 2280x2370x5800 | 2280x2370x5800 | 2280x2370x8800 | 2280x2370x9640 | 2280x2370x9640 | 2280x2370x11700 |
| Weight net/gross | | Kg | 3320/3540 | 4330/4640 | 5000/5340 | 5500/6020 | 7750/8370 | 8900/9500 | 9100/9870 | 11100/12010 |
| CONNECTIONS | | | | | | | | | | |
| Inlet/outlet pipe diameter | water | mm | DN125 | DN125 | DN125 | DN150 | DN150 | DN150 | DN200 | DN200 |

**NOTES:**
The above data can be changed without prior notice for future improvements in quality and performance.