



- Evaporator is made by advanced laser welding processing technology, solid and durable;
- Speedy ice doffing process. No extra heat needed, by using hot freon gas itself produced it melts the ice to fall. The whole process only takes 120 seconds;
- Unique water circulating system. After ice is doffed, the un-frozen water collected in the low water tank will be recycled to make ice. It is energy sufficient design but increase the ice production;
- SUS304 or aluminum alloy evaporator plates complies to hygiene requirement;
- Ice forming time can be controlled to adjust the thickness of ice;
- Plates quantities can be modified to suit your various ice demand.

Specification of Plate Ice Machine LIP-150

| Item | | Specification | Unit |
|--------------------|-------------------------|---------------|-------------------------|
| Power supply | | 380V/3P/50Hz | Voltage/Phase/Frequency |
| Refrigerant | | R22/R404A | |
| Daily capacity | | 15000kg/day | |
| Cooling mode | | Water-cooled | |
| Standard condition | Ambient temperature | 35 | °C |
| | Water inlet temperature | 25 | °C |
| Operating power | Compressor | 24.2X2 | kw |
| | Condenser fan | 1.5 | kw |
| | Cooling tower pump | 1.5 | kw |
| | Ice crusher device | 1.2 | kw |
| | Cooling water pump | 1.2 | kw |

| | | | |
|---------------------------|-----------------------------------|---------------------|---------------|
| | Heated water pump | 0.75 | kw |
| | Average total | 50 | kw |
| | Total install power | 65 | kw |
| Compressor | Refrigeration capacity | 53x2 | kw |
| | Condensing temperature | 38 | °C |
| | Evaporating temperature | -20 | °C |
| | COP. | 2.19 | kw/kw |
| | Horse power | 44x2 | HP |
| Compressor module | Size | 2000×1400×1700 | (L×W×H) (mm) |
| | Net weight | 1400 | kg |
| Evaporator module | Size | 3123×2150×2350 | (L×W×H) (mm) |
| | Net weight | 1750 | Kg |
| | Pipe size | 3/4" | inch |
| | Water supply pressure requirement | 1~6 | bar |
| Cooling tower module size | Cooling tower size | ∅2175x2565 | (O.D.×H) (mm) |
| | Feed pipe size | 3/4" | inch |
| | Cooling water pipe size | 3" | inch |
| | Operating weight | 1120 | Kg |
| Parts info | Compressor | Bitzer, Germany | |
| | Expansion valve | ALCO, United States | |
| | Stop valve | DANFOSS, Denmark | |
| | Solenoid valve | DANFOSS, Denmark | |
| | Filter | ALCO, United States | |
| | Button/indicator | Schneider, France | |
| | Electrical | Schneider, France | |
| PLC | SIEMENS, Germany | | |