



- Mobile block ice plant, suitable for seasonal catches;
- High quality components such as Bitzer compressor, Danfoss valves, Siemens PLC, Schneider Electrical etc;
- Pre-fabricated system, no need to connect pipes and wirings;
- No need to build a house, shorten the installation time;
- Convenient transportation, suitable for road, rail and ocean shipping;

### Specification of Block Ice Machine LIB-100BC

| Item               | Specification           | Unit                    |
|--------------------|-------------------------|-------------------------|
| Power supply       | 380V/3P/50Hz            | Voltage/Phase/Frequency |
| Refrigerant        | R22/R404A               |                         |
| Daily capacity     | 10000kg/day             |                         |
| Cooling mode       | Water-cooled            |                         |
| Standard condition | Ambient temperature     | 35 °C                   |
|                    | Water inlet temperature | 25 °C                   |
| Operating Power    | Compressor              | 17.86X2 kw              |
|                    | Cooling tower fan       | 1.1 kw                  |
|                    | Cooling tower pump      | 2.2 kw                  |
|                    | Brine agitator reducer  | 0.75 kw                 |

|                           |                         |                     |               |
|---------------------------|-------------------------|---------------------|---------------|
|                           | Average total           | 37.6                | kw            |
|                           | Total install power     | 48                  | kw            |
| Compressor                | Refrigeration capacity  | 43.8X2              | kw            |
|                           | Condensing temperate    | 38                  | °C            |
|                           | Evaporating temperature | -18                 | °C            |
|                           | COP.                    | 2.45                | kw/kw         |
|                           | Horse power             | 28                  | HP            |
|                           | Weight range            | 20~100              | kg            |
| Ice size range            | Thickness range         | 100/125/160/220     | mm            |
|                           | Height range            | 600/800/1000        | mm            |
|                           | Dimension               | 300×125×850         | (L×W×H) (mm)  |
| Ice specification         | Weight                  | 25                  | Kg            |
|                           | Ice quantity            | 140                 | PC/time       |
|                           | Harvest times           | 3                   | times/day     |
|                           | Ice making time         | 8                   | hr/time       |
| Period                    | Ice defrost time        | 10                  | min/time      |
|                           | Cooling tower size      | ø2000x2410          | (O.D.×H) (mm) |
| Cooling tower module size | Feed pipe size          | 3/4"                | inch          |
|                           | Cooling water pipe size | 2-1/2"              | inch          |
|                           | Operating weight        | 670                 | Kg            |
|                           | Size                    | 12192x2438x2896     | (L×W×H) (mm)  |
| Container info            | Operating weight        | 8680                | Kg            |
|                           | Compressor              | Bitzer, Germany     |               |
| Parts info                | 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    |