

### Model:FIB-150



### Equipment Features

- Pneumatic crawler conveying system, maximizing the protection to the ice blocks during harvesting.
- SUS304 stainless steel, outstanding durability, totally compliant with the food hygienic standards.
- Bitzer compressor offers abundant compressing power and guarantees producing ice in the shortest period with the least energy consumption.
- Proven performance secured by world top brands, Siemens, Schneider, Danfoss, etc.
- Module design, the whole set consists of machine unit module, evaporator module, and cooling tower module; easy to ship and install; evaporator module can contain several parts in terms of capacity.

## Parameters

| Subject                           |   | Unit                    | Technical parameter |
|-----------------------------------|---|-------------------------|---------------------|
| Power supply                      |   | Voltage/Phase/Frequency | 380V/3P/50Hz        |
| Refrigerant                       |   |                         | R22 or R404A        |
| Capacity                          |   | Kg/day                  | 15000               |
| Cooling way                       |   |                         | Water cooling       |
| Temperature                       | Ambient temperature                         | ℃                       | 35                  |
|                                   | water inlet temperature                     | ℃                       | 20                  |
| Operating power                   | Total running power                         | Kw                      | 59.15               |
|                                   | Installment power                           | Kw                      | 75                  |
|                                   | Cooling tower fan                           | Kw                      | 1.5                 |
|                                   | Cooling water pump                          | Kw                      | 5.5                 |
|                                   | Operating power of cold water pump          | Kw                      | 0.75                |
| Compressor                        | Manufacturer                                |                         | Bitzer              |
|                                   | Refrigeration capacity                      | Kw                      | 118.2               |
|                                   | Operating power                             | Kw                      | 51.4                |
|                                   | Compressor COP/EER                          | Kw/kw                   | 2.3                 |
|                                   | Horse power                                 | Hp                      | 40x2sets            |
| Working time                      | Ice making time                             | h                       | 7.5                 |
|                                   | Ice falling off time                        | h                       | 0.5                 |
| Dimension                         | Weight of block ice                         | Kg/block                | 50                  |
|                                   | Size of block ice                           | (LxWxH)(mm)             | 480x160x700         |
|                                   | Size of unit modular                        | (LxWxH)(mm)             | 2000x1200x1600      |
|                                   | Number of evaporator                        |                         | 3 PC                |
|                                   | Size of evaporator modular                  | (LxWxH)(mm)             | 4800x1000x2200      |
|                                   | Size of cooling tower                       | (O.D.xH)(mm)            | Φ2175x2565          |
|                                   | Size of water feeding pipe of cooling tower |                         | 3/4"                |
|                                   | Size of cooling water pipes                 |                         | 4"                  |
|                                   | Size of water feeding pipe                  |                         | 1-1/4"              |
| Operating weight                  | Unit  | Kg                      | 2160                |
|                                   | Evaporator                                  | Kg                      | 2860                |
|                                   | Cooling tower                               | Kg                      | 1120                |
| Water supply pressure requirement |   | Bar                     | 1                   |