

Model: FIB-100



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	10000
Cooling way			Water cooling
Temperature	Ambient temperature	℃	35
	water inlet temperature	℃	20
Operating power	Total running power	Kw	39.83
	Installment power	Kw	50
	Cooling tower fan	Kw	1.1
	Cooling water pump	Kw	2.2
	Operating power of cold water pump	Kw	0.55
Compressor	Manufacturer		Bitzer
	Refrigeration capacity	Kw	86.6
	Operating power	Kw	35.98
	Compressor COP/EER	Kw/kw	2.41
	Horse power	Hp	25x2sets
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)	1800x1000x1450
	Number of evaporator		2 PC
	Size of evaporator modular	(LxWxH)(mm)	4800x1000x2200
	Size of cooling tower	(O.D.xH)(mm)	Φ2000x2410
	Size of water feeding pipe of cooling tower		3/4"
	Size of cooling water pipes		2-1/2"
	Size of water feeding pipe		1-1/4"
Operating weight	Unit	Kg	1680
	Evaporator	Kg	2860
	Cooling tower	Kg	670
Water supply pressure requirement		Bar	1