

Model: FIB-50



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	5000
Cooling way			Water cooling
Temperature	Ambient temperature	℃	35
	Water inlet temperature	℃	20
Operating power	Total running power	Kw	20.9
	Installment power	Kw	25
	Cooling tower fan	Kw	0.55
	Cooling water pump	Kw	1.5
	Operating power of cold water pump	Kw	0.55
Compressor	Manufacturer		Bitzer
	Refrigeration capacity	Kw	43.3
	Operating power	Kw	17.99
	Compressor COP/EER	Kw/kw	2.41
	Horse power	Hp	25
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	(L×W×H) (mm)	480×160×700
	Size of unit modular	(L×W×H) (mm)	1400×1000×1250
	Number of evaporator		1 PC
	Size of evaporator modular	(L×W×H) (mm)	4800×1000×2200
	Size of cooling tower	(O. D×H) (mm)	Φ1380×2170
	Size of water feeding pipe of cooling tower		1/2"
	Size of cooling water pipes		2"
	Size of water feeding pipe		1-1/4"
Operating weight	Unit	Kg	960
	Evaporator	Kg	2860
	Cooling tower	Kg	460

Water supply pressure requirement	Bar	1
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