

Model: FIB-50S



Equipment features

- Ti pipe is used as evaporative coil to improve the heat transfer effect, and its stainlessness, anti-corrosion can guarantee the long service time.
- The stainless PE part between the brine and the fresh water is proper to mode and weld. And it works very well in a cold condition.
- The particular design of ice thawing tank and ice dumping unit bring easier operation.
- The thawing tank is heated by hot gas discharged from the compressor so that it is more energy saving and suitable for low water temperature area.
- Modular and integrated design ensures it is easy to ship, move and install on the spot.
- Every brine refrigeration block ice machine can be customized according to our clients' requirements.
- The brine refrigeration block ice machine can be containerized: 6 T/day ice production in a 20' container and 12.5T/day ice production in a 40' container.

Parameters

Subject		Unit	Technical parameter
Power supply		Voltage/Phase/Frequency	380V/3P/50Hz
Refrigerant			R22 or R404A
Capacity		Kg/day	5000
Temperature	Ambient temperature	℃	35
	water inlet temperature	℃	20
Operating power	Total running power	Kw	21.14
	Installment power	Kw	25
	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
Condenser	power	Kw	2.05
	Cooling way		Water cooling
Working time	Ice making time	h	7.5
	Ice doffing time	h	0.5
Dimension	Weight of each block	Kg/block	50
	Size of block ice	(L×W×H)(mm)	480×160×700
	Size of cooling tower	(L×W×H)(mm)	Φ1380×2170mm
	Size of water feeding pipe		1-1/4"
Operating weight of cooling tower		Kg	460
Water supply pressure requirement		Bar	1