FIT-100

Features

- Use hot Freon gas to make ice fall off fast and the whole process takes only 150~180 seconds.
- After ice off, the water of low temperature is used for ice-making, saving energy consumption and increasing the volume of production of ice.
- With unique water distributive pan and air mouth, the water can evenly flow on the tube wall of the evaporator spirally, so it improves the efficiency of heat transfer.
- The use of stainless steel SUS304,aluminum alloy plate-type evaporator, accords with the health and safety requirements.
- The use of air pressure control excludes the risk of rupture of the evaporator tube and the tube ice diameter can be adjusted according to customers' needs.
- Half-full liquid: liquid level controller which manages liquid supply of refrigerant makes the system more stable.

Parameters

Subject		Unit	Technical parameter
Power supply		Voltage/Phase/Frequency	380V/3P/50Hz
Refrigerant			R22 or R404A
Capacity		Kg/day	10000
Temperature	Ambient temperature	℃	35
	Water inlet temperature	℃	20
Operating power	Total running power	Kw	34.95
	Installment power	Kw	45
	Operating power of cutter	Kw	0.75
	Operating power of cold water pump	Kw	1.1
	Fan motor of cooling tower	Kw	1.1
	Operating power of cold water pump	Kw	2.2
Compressor	Manufacturer		Bitzer
	Refrigeration capacity	Kw	74.3
	Operating power	Kw	29.8
	Compressor COP/EER	Kw/kw	2.5
	Horse power	Hp	50
	Cooling way		Water cooling
Dimension	Size of ice maker	(L×W×H)(mm)	Unit:1800×1500×1600
			Evaporator:1180×1180×3500
	Size of cooling tower	(O.D.×H)(mm)	Φ2000×2410
	Size of liquid pipe of cooling tower		3/4"
	Size of cooling water pipe		2-1/2"
	Size of water inlet pipe of ice maker		1"
	Size of ice outlet	mm	300×250
Weight of unit	Operating weight of tube ice maker	Kg	Unit:1560
			Evaporator:2296
	Operating weight of cooling tower	Kg	670
Water supply pressure requirement		Bar	1.5