

Model: FIT-500



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	50000
Temperature	Ambient temperature	℃	35
	water inlet temperature	℃	20
Operating power	Total running power	Kw	177
	Installment power	Kw	220
	Operating power of cutter	Kw	5.5
	Operating power of cold water pump	Kw	5.5
	Fan motor of cooling tower	Kw	5.5
	Operating power of cold water pump	Kw	11.5
Compressor	Manufacturer		Bitzer
	Refrigeration capacity	Kw	371.5
	Operating power	Kw	149
	Compressor COP/EER	Kw/kw	2.5
	Horse power	Hp	50x5
	Cooling way		Water cooling
Dimension	Size of ice maker	(LxWxH)(mm)	Unit:4300x2200x2000
			Evaporator:1800x1800x6000
	Size of cooling tower	(O.DxH)(mm)	Φ3770×3690
	Size of liquid pipe of cooling tower		1-1/4"
	Size of cooling water pipe		6"
	Size of water inlet pipe of ice maker		1-1/2"
Weight of unit	Operating weight of tube ice maker	Kg	unit:4560
			Evaporator:6500
	Operating weight of cooling tower	Kg	3770
Water supply pressure requirement		Bar	1.5