

**Model: FIM-400K**



### Equipment features

- Internally-scraping ice skate can help reduce energy consumption and prevent leakage of refrigerant
- Stainless steel materials, advanced processing equipment and heat treatment ensure the best heat transfer efficiency
- The design of large water receiving plate can prevent water leaking at the bottom of drum
- Photoelectric switch is directly installed in the bottom of evaporator
- Direct liquid feeding and dry evaporation —— simple, safe and reliable control.
- Integrated modular equipment installation is convenient for maintenance.

### Parameters

Subject		Unit	Technical parameter
Power supply		Voltage/Phase/Frequency	380V/3P/50Hz
Refrigerant			R22 or R404A
Capacity		Kg/day	40000
Cooling way			Water cooling
Temperature	Ambient temperature	℃	35
	water inlet temperature	℃	20
Compressor	Manufacturer		Bitzer
	Refrigeration capacity	Kw	230
	Total running power	Kw	133.2
	Compressor COP/EER	Kw/kw	1.73
	Horse power	Hp	125×2 sets
Operating power	Total running power	Kw	147.35
	Installment power	Kw	180
	Operating power of reducer	Kw	2.2
	Operating power of cold water pump	Kw	0.75
	Cooling water pump	Kw	7.5
	Fan of cooling tower	Kw	3.7
Dimension	Size of ice maker	(L×W×H)(mm)	Unit:2800×2200×2200
			Evaporator:2800×2400×3600
	Size of cooling tower	(O.D.xH)(mm)	Φ3300×2785
	Size of water feeding pipes of cooling tower		1"
	Size of cooling water pipes		5"
	Size of water feeding pipe		1"
	Size of ice outlet	mm	Φ2160
Weight of unit	Operating weight of flake ice maker	Kg	Unit:3000
			Evaporator:5500
	Operating weight of cooling tower	Kg	2730
Water supply pressure requirement		Bar	1.5