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The cold water tank delivers water to the mixing agitator plant and the [flake ice maker](#) (the Focusun flake ice maker is installed inside a 40-ft. container). The capacity varies from 3 to 60 tons daily per unit.

Containerized [flake ice maker](#) is for temperate, subtropical and tropical conditions.

Accessories and Additional Equipment

- Containerized automatic Ice Storages
- Ice delivery (screw and belt conveyors and blowing systems)
- Weighing systems
- Intermediate holding hoppers (day tanks)
- Prefabricated steel frames for the support of the Containerized and Mobile Ice Storages with or without integrated and insulated cold water tank
- Prefabricated steel frames for the support of the Containerized and Mobile Ice Storages with integrated ice weighing and ice blowing systems
- Containerized Cold or Ice Water Plants

Standard execution

One new ISO-container, painted white with air-conditioning, light and aluminum floor

- Piston or screw compressors
- Electric motors – IP 55 – insulation class F
- One evaporative condenser
- One or two [ice makers](#) with level control
- Automatic oil return system
- PLC Flow control with indication to ice maker, easy and safe to operate.

Design conditions

- Max. ambient temperature:60°C
- Wet bulb temperature:30°C
- Water inlet temperature:20°C
- Ice outlet temperature:-7°C
- Refrigerant:R22/R404A
- Power supply:380V/50Hz/3P
- Running hours flake ice plant:24hours



Requirements on Site

- Water (2 bar pressure, 20°C)
- electric power supply
- adequate foundations

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 evaporator.

Photoelectric switch is directly installed in the bottom of evaporator.

Direct liquid feeding and dry evaporation is simple, safe and reliable control.

Integrated modular equipment installation is convenient for maintenance.

Focusun develops and manufactures different models of [flake ice machines](#) for your options.

Model	Capacity (Ton/24Hrs)	Power supply	Compressor	Refrigerant	Cooling way
FIM-30K	3	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-40K	4	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-50K	5	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-80K	8	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-100K	10	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-150K	15	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-200K	20	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-250K	25	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-300K	30	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-350K	35	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-400K	40	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-500K	50	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling
FIM-600K	60	380V/3P/50Hz	Bitzer	R22/R404A	Water cooling