



FM, flake/nugget ice machines

Hoshizaki FM machines produce flake or nugget ice for a variety of cooling purposes, making them very popular with some of Europe's leading supermarket chains, catering companies, cocktail bars and in the medical and health care sectors. The ice is compressed during production to provide long lasting ice.

FM machines are reliable and feature an evaporator flush in larger models, low maintenance bearings that require no lubrication and durable components throughout.

Flake ice:

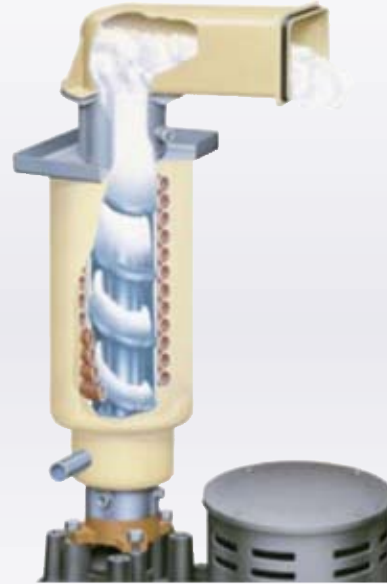
Consists of 70% ice and 30% of water. It is used primarily for cooling purposes. For instance, in the medical sector it is used for cooling down blood and organs or, in the fish industry, to cool, transport and hold fish.

Nugget ice:

Consists of 80% ice and 20% of water. Nugget ice is more compressed than flake ice and is ideal for display purposes at saladbars or for beverage and fish display.

Cubelet ice (CM110 only):

Consists of 90% ice and 10% water. It is similar in shape to nugget ice but is harder of its lower water content it is perfect to serve in drinks.



- Ice temperature/type does not "freeze-burn" fish or fresh produce.
- Carbon auger bearing gives longer service life than roller bearing type.
- Quality Stainless steel Auger and Evaporator gives longer service life.
- Machine can be converted to either flake or nugget ice relatively inexpensively.



FM flake/nugget



FM, flake/nugget ice machines

Self contained

FM8oEE (-N)



Production capacity (kg/24h)	85/65 (N)
Storage bin capacity (kg)	26
Dimensions W x D x H (mm)	640 x 600 x 800
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	0,3
Refrigerant	R 134A
Weight (kg)	65

FM8oEE (air cooled, flake ice)
FM8oEE-N (air cooled, nugget ice)

FM12oEE (-N)



Production capacity (kg/24h)	125/110 (N)/110(C)
Storage bin capacity (kg)	26
Dimensions W x D x H (mm)	640 x 600 x 800
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	0,52
Refrigerant	R 134A
Weight (kg)	71

FM12oEE (air cooled, flake ice)
FM12oEE-N (air cooled, nugget ice)
CM110 (air cooled, cubelet ice)

FM12oEE5o (-N) (double storage bin capacity)



Production capacity (kg/24h)	125/110 (N)
Storage bin capacity (kg)	57
Dimensions W x D x H (mm)	940 x 600 x 800
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	0,52
Refrigerant	R 134A
Weight (kg)	81

FM12oEE5o (air cooled, flake ice)
FM12oEE5o-N (air cooled, nugget ice)

FM flake/nugget





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Modular

FM170AFE (-N)



Production capacity (kg/24h)	170/160 (N)
Dimensions W x D x H (mm)	560 x 700 x 780
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	0,62
Refrigerant	R 134A
Weight (kg)	75
Corresponding bins	see page 23

FM170AFE (air cooled, flake ice)
FM170AFE-N (air cooled, nugget ice)

FM251AFE (-N)



Production capacity (kg/24h)	246/236 (N)
Dimensions W x D x H (mm)	560 x 700 x 780
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	0,83
Refrigerant	R 404A
Weight (kg)	86
Corresponding bins	see page 23

FM251AFE (air cooled, flake ice)
FM251AFE-N (air cooled, nugget ice)
FM251AWFE (water cooled, flake ice)
FM251AWFE-N (water cooled, nugget ice)

FM481AGE (-N)



Production capacity (kg/24h)	500/430 (N)
Dimensions W x D x H (mm)	560 x 700 x 780
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	1,522
Refrigerant	R 404A
Weight (kg)	97
Corresponding bins	see page 23

FM481AGE (air cooled, flake ice)
FM481AGE-N (air cooled, nugget ice)
FM481AWGE (water cooled, flake ice)¹
FM481AWGE-N (water cooled, nugget ice)¹

For remote refrigeration unit:

FM481ALGE (flake ice)
FM481ALGE-N (nugget ice)¹

(1.7 kW at -20°C / 35°C)

¹ Upon request.

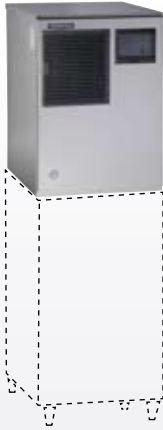
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Modular

FM600AHE (-N)



Production capacity (kg/24h)	600/530 (N)
Dimensions W x D x H (mm)	560 x 699 x 780
Electrical supply	1/220-240V/50Hz
Electrical consumption (kW)	1,92
Refrigerant	R 404A
Weight (kg)	110
Corresponding bins	see page 23

- FM600AHE** (air cooled, flake ice)
- FM600AHE-N** (air cooled, nugget ice)
- FM600AWHE** (water cooled, flake ice) ¹
- FM600AWHE-N** (water cooled, nugget ice) ¹

FM1000ASFE3 (-N)



Production capacity (kg/24h)	1020/850 (N)
Dimensions W x D x H (mm)	765 x 698 x 898
Electrical supply	3/400V/50Hz
Electrical consumption (kW)	3,21
Refrigerant	R 404A
Weight (kg)	153
Corresponding bins	see page 23

For remote condenser:

- FM1000ASFE3** (air cooled, flake ice)
- FM1000ASFE3-N** (air cooled, nugget ice)

- URC20F:** remote condenser
- OS Quick:** remote condenser connection set

For remote refrigeration unit:

- FM1000ALF** (air cooled, flake ice) ¹
- FM1000ALF-N** (air cooled, nugget ice) ¹

(3.7 kW at -22°C / 35°C)

**We will expand our FM series during the year.
Please check the website for product updates.**



HOSHIZAKI

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Hydrocarbon

The world's first fully CE compliant modular ice maker

Applying available technology and Hoshizaki ice-making expertise, Hoshizaki have produced the world's first fully compliant ice making machine – using only 50% of the legal allowance of Hydrocarbon!

- Hydrocarbon Refrigerant
- CO₂ Blown Foam
- Totally HFC Free – insulation foam and refrigerant do not add to Ozone Depletion or Global Warming
- Low noise
- Long Life
- Fully CE compliant to BS/EN 60335-2-24
- Can be safely and legally installed in any room size

FMS300AGE-HC hydrocarbon

Available soon!



NEW

Production capacity (kg/24h)	292
Dimensions W x D x H (mm)	388 x 800 x 780
Electrical supply	1/220-240V 50Hz
Electrical consumption (kW)	0,852
Refrigerant	R290 (82g)
Weight (kg)	85 kg
Corresponding bins	see page 23

FMS300AGE-HC (air cooled, flake ice)
FMS300AGE-HC-N (air cooled, nugget ice)

FM481AGE-HC



NEW

Production capacity (kg/24h)	450
Dimensions W x D x H (mm)	560 x 720 x 780
Electrical supply	1/220-240V 50Hz
Electrical consumption (kW)	1,665
Refrigerant	R290 (78g + 78 g)
Weight (kg)	105 kg
Corresponding bins	see page 23

FM481AGE-HC (air cooled, flake ice)
FM481AGE-HC-N (air cooled, nugget ice)

FM flake/nugget





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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

