



# The Flake Ice Generators

Production from 500 to 50 000 kg / 24 h.

# THE FLAKE ICE GENERATORS

## Land-based models with Genecoat® coating

Stainless steel waterway and Genecoat® coating for the models up to

14 tons (premium range)

WATER	MODEL	PRODUCTION KG / 24H	FLUID	DIMENSIONS LXWXH (CM)	HEIGHT (KG)	INSTALLED POWER (W)
FRESH WATER	F15	300 - 700 kg	FREON - CO2	52 x 36 x 60	50	160
	F30	600 - 1 000 kg	FREON - CO2	65 x 50 x 70	90	250
	F90	1 600 - 3 500 kg	FREON	89 x 73 x 126	250	250
SEA WATER	F90 SWT	2 700 kg	FREON	90 x 70 x 126	250	305
FRESH WATER	F200*	4 500 - 6 500 kg	R717- FREON	120 x 92 x 176	720	320
	F250*	7 000 - 10 000 kg	R717- FREON	130 x 97 x 205	900	320
	F600*	10 000 - 14 000 kg	R717- FREON	150 x 120 x 205	950	390
	F800*	14 000 - 20 000 kg	R717- FREON	155 x 155 x 310	2500	850
	F900*	20 000 - 30 000 kg	R717- FREON	195 x 195 x 310	3100	850
	F2000*	40 000 - 50 000 kg	R717- FREON	244 x 244 x 310	5000	1150

- Dry and subcooled ice.
- Stationary and insulated cylinder.
- Few moving parts liable to wear and tear.
- Few mechanical constraints.
- Optimum thermal exchange.
- Compatible with all modern refrigerants.
- CE, ASME and GHOST Compliant.
- Manufacturing under independent survey.
- Food compatibility : *stainless steel water path for models up to 10 tons. Cleaning-in-place optional.*

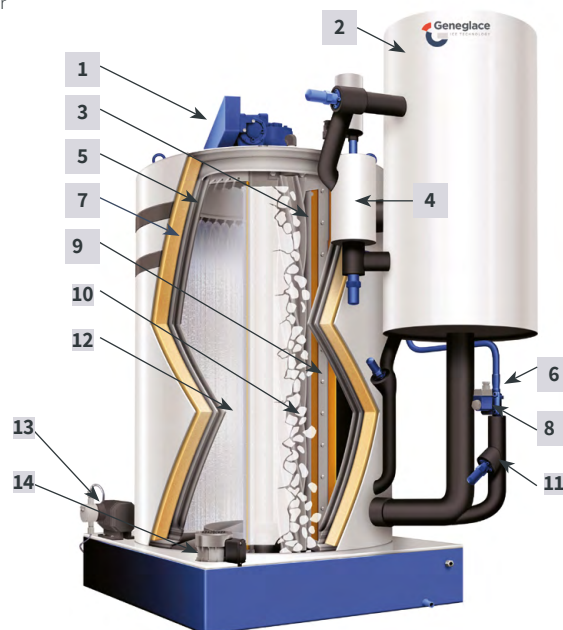
## On-board models

FRESH WATER	F30 M	1 000 kg	FREON	75 x 50 x 120	90	215
	F100 M	2 500 kg	FREON	90 x 70 x 160	220	305
SEA WATER	F100 SW	2 700 kg	FREON	90 x 70 x 150	220	305

\*Each generator is available :

- either with flood bottle (ABF version) for feeding with high pressure liquid.
- or without flood bottle (SBF version) for feeding with low pressure liquid (pump system).

Premium range : Stainless steel waterway and Genecoat® coating



- 1 Heavy-duty gear reducer**  
Adjustable speed
- 2 Flood bottle**
- 3 Helical reamer**  
Continuous ice harvesting
- 4 Refrigerant Liquid Level Control**
- 5 Double wall stationary drum**  
Pressure tested at 26 bars - no sealed bearings
- 6 HP liquid line**
- 7 CFC-free insulation with PVC**
- 8 Solenoid valve**
- 9 Rubber wiper**
- 10 Dry and sub-cooled flake-ice**  
Large heat-exchange surface area
- 11 Hand-throttle valve**
- 12 Evaporating surface**  
High-conductivity corrosion shield
- 13 Salt dosing pump**
- 14 Heavy-duty water pump**



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