

Flake Ice Generators

Industrial Ice Machines



Geneglance
Ice Engineering Excellence

Flake Ice Generators

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| Water | MODEL | PRODUCTION KG /24H | FLUID | DIMENSIONS LxWxH (CM) | WEIGHT (KG) | INSTALLED POWER (W) |
|-------|-------|--------------------|-------|-----------------------|-------------|---------------------|
|-------|-------|--------------------|-------|-----------------------|-------------|---------------------|

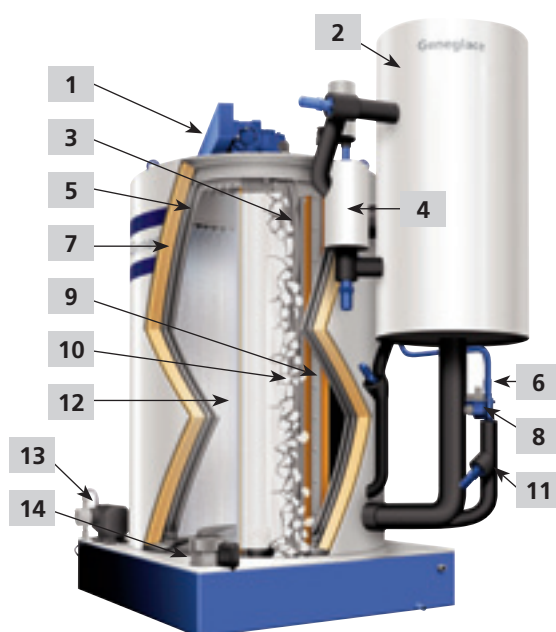
Land-based models

| | | | | | | |
|-------------|--------|--------------------|----------------------|-----------------|------|------|
| Fresh Water | F15 | 300 - 500 kg | R22 R404A | 52 x 36 x 60 | 50 | 160 |
| | F30 | 600 - 1 000 kg | | 65 x 50 x 70 | 90 | 250 |
| | F90 | 1 600 - 3 500 kg | | 89 x 73 x 126 | 250 | 250 |
| Sea Water | F90 sw | 3 000 kg | | 90 x 70 x 126 | 250 | 305 |
| Fresh Water | F200* | 4 500 - 6 500 kg | R22 R717 R404A | 120 x 92 x 176 | 720 | 320 |
| | F250* | 7 000 - 10 000 kg | | 130 x 97 x 205 | 900 | 320 |
| | F600* | 10 000 - 14 000 kg | | 150 x 120 x 205 | 950 | 390 |
| | F800* | 14 000 - 20 000 kg | | 155 x 155 x 310 | 2500 | 850 |
| | F900* | 20 000 - 30 000 kg | | 195 x 195 x 310 | 3100 | 850 |
| | F2000* | 40 000 - 50 000 kg | | 244 x 244 x 310 | 5000 | 1150 |

On-board models

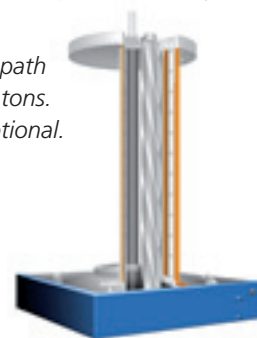
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|-------------|---------|----------|--------------|---------------|-----|-----|
| Fresh Water | F30 M | 1 000 kg | R22 R404A | 75 x 50 x 120 | 90 | 215 |
| | F100 M | 2 500 kg | | 90 x 70 x 160 | 220 | 305 |
| Sea Water | F100 sw | 2 700 kg | | 90 x 70 x 150 | 220 | 305 |

- * Each ice 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 (flooded system).



• DRY AND SUBCOOLED ICE

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



- 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



Refrigeration Division of the GEA Group

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