

Catalogue

GEA Refrigeration

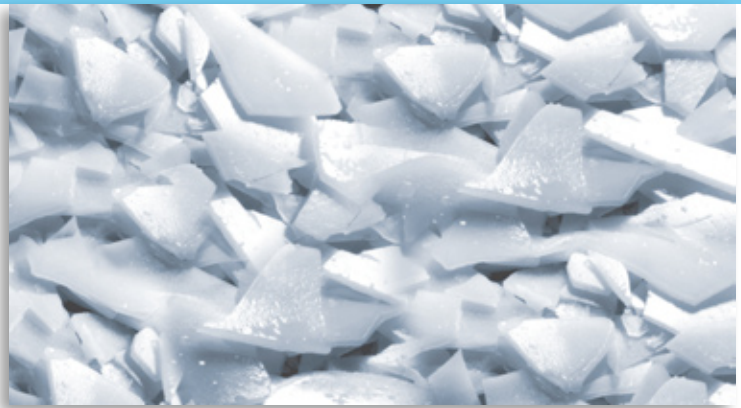


Geneglance
Ice Engineering Excellence

Types of ice

Mastering Ice Technologies

Temperature, heat-exchange surface area, cooling capacity, dryness, each type of ice has its own specifications. Select the kind of ice that suits your application best !



Flake ice

Ideal for seafoods preservation, meat processing, food and industrial processes

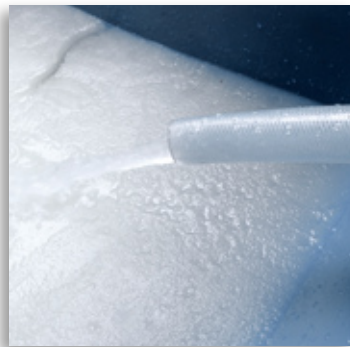
- Dry and sub-cooled at - 5°C
- Excellent cooling capacity
- Large heat exchange surface for fast chilling
- Dry, it does not freeze together and form lumps in a cold room



Granular ice

Ideal for fragile products, hospitals, catering...

- Moist at -0.5°C
- Product hydration
- Does not freeze together and form lumps in positive temperature



Liquid ice

Appropriate for pre-cooling in industrial fishing, aquaculture. A secondary pumpable coolant for Supermarkets, air conditioning etc.

- Dual phase at -2°C
- Instant chilling
- Pumpable

Application fields



Fish Industry

Fishing
Wholesaling
Processing
Fish farming



Industry

Dye chemistry
Concrete cooling
Hospitals, Laboratories



Supermarkets

Super and Hypermarkets
Wholesale platforms
Cafeteria, Catering

Food Processing

Bakery
Cooked meats trade
Slaughterhouses
Fruits and vegetable



Leisure

Skiing
Amusement parks
Balneology





The production



Generators with condensing units

Land-base - fresh water

MODEL	PRODUCTION KG /24H	
	THICK ICE	THIN ICE
DUAL-PACK 11	350	400
DUAL-PACK 12	450	500
DUAL-PACK 13	650	700
DUAL-PACK 14	950	1 000
PACK 20	1 600	2 000
PACK 21	2 000	2 300
PACK 22	2 500	2 800
PACK 23	3 000	3 100
PACK 30	3 500	3 800
PACK 31	5 000	5 500
PACK 32	6 300	6 400
PACK 33	7 500	8 000
PACK 34	9 000	9 400
PACK 35	10 000	10 700
PACK 36	12 000	13 000
PACK 37	15 000	16 500
PACK 38	18 000	18 800
PACK 39	24 000	26 000
PACK 40	26 000	27 500

Nominal performance with 15°C water and 20°C air
 * Wooden palette for Full Container Load (FCL) shipping.



DUAL PACK 14



PACK 40



PACK F90-3SW



PACK F100 SW

Land-based - seawater

MODEL SW : SEAWATER	PRODUCTION KG /24H
PACK F90 SW	2 700
PACK F90 2SW	5 000
PACK F90 3SW	10 000

Marine range

MODEL M : FRESHWATER SW : SEAWATER	PRODUCTION KG /24H
PACK F30 M	1 000
PACK F100 M	2 700
PACK F100 SW	3 000
PACK F100 - 2M	5 500
PACK F100 - 2 SW	6 000



BIN



PNEUMATIC CONVEYER

The storage



ORBITAL SILO

Orbital silos

From 2 to 15 tonnes* automatic silos. Operates along the FIFO mode (First in / First out). Preserves the quality of ice. Made of food-compatible materials. Does not contaminate the ice.

MODEL	CAPACITY TONNES**
ORBITAL SILOS	
S 2	2
S 3	3
S 4	4
S 5	5
S 8	8
S 12	12
S 15	15

OPTIONS SILOS

Wheighing auger VP5
Wheighing auger VP12
Wheighing auger with coin box
High ice level detector
Ice level indicator (supply with orbital silo only)

* Other versions available (elevated, suspended, ...)

** Storage capacity according to ice density.

Bins*

Insulated ice bins

MODEL	FOR ICE MACHINE	CAPACITY* KG
TROLLEY		
MF100		100
ENCLOSED BINS		
M 0	DUAL PACK 11-12	350
M 1	PACK 12-13-14	600
M 2	DUAL PACK 14-PACK 20	1 100
M 3	PACK 20-21-22	1 700
M 4	PACK 21 to 30	2 100
M 5	PACK 23 to 30	3 600

* Storage capacity according to ice density. Silo pedestal available on request (stainless steel legs)

Pneumatic conveyors

Low and high speed ice conveyors.

SPEED	HOPPER CAPACITY	TRAVELLING DISTANCE*	MAXIMUM ELEVATION
25 to 30 kg/mn	300 liters	Up to 80 m	Up to 4 m
80 to 150 kg/mn	-	Up to 80 m	Up to 4 m

* Elevation may impact maximum travelling distance.

Ice compactors

COMPACTING* CAPACITY	STROKE	BLOCK WEIGHT*
30 tonnes / 24 h max	60 blocks / h	2,5 kg, 5 kg, 10 kg, 25 kg

* Throughput and block weight according to your requirement.

Ice delivery system with chain

Ice extraction mechanism for large capacity storage.

Heavy duty, proven and reliable. High instant delivery speeds.

MODEL	CAPACITY (TONNES)	ICE BIN Ø M
SDG 700	30 to 50	4,5 to 5



ICE DISPENSER



COMBI C12

Complete Ice-Systems



CONTAINERIZED ICE PLANTS

Containerized ice plants

Medium and large capacity containerized ice plants. Easy to transport and to install on site. Sheltered from the wind and rain. Simple heavy-duty and economical. Refrigeration is available as an option.

CONTAINERIZED FLAKE ICE PLANT	PRODUCTION KG / 24 H	STORAGE TONNES
5 tonnes	5 000 Pack 31	10 tonnes 20'
10 tonnes	10 000 2 x Pack 31	10 tonnes 20'
12 tonnes	12 500 Pack 36	10 tonnes 20'
24 tonnes	24 000 2 x Pack 36	20 tonnes 40'

Storage capacity according to ice density.

Combis

Small capacity ice plants. Simple and economical solutions. Include a Pack, a bin and an ice level detector that switches-off production in the event of a bin-full.

MODEL	PROD. KG / 24H	CAPACITY KG
C10	250 Pack G250	100 SM
C11	400 Dual-Pack 11	350 M0
C12	500 Dual-Pack 12	350 M0
C13	700 Dual-Pack 13	350 M0
C14	1 000 Dual-Pack 14	600 M1
C20	1 900 Pack 20	1 100 M2
C21	2 200 Pack 21	1 100 M2
C22	2 800 Pack 22	1 700 M3
C23	3 500 Pack 23	2 100 M4

Storage capacity according to ice density.

Ice dispensers

Production-storage modules with automated ice delivery. Easy delivery, push-button type operation. Hygienic solutions. Ice is kept in optimal conditions. Include a Pack, a bin and an ice level detector that switches-off production in the event of a bin-full.

MODEL	MAXIMUM ICE DISPENSED IN 24 H	PROD. KG / 24 H	STORAGE KG
FiD 2500	4 500 kg	2 500 kg Pack 22	2 000 kg S2
FiD 3000	5 000 kg	3 000 kg Pack 23	2 000 kg S2

Storage capacity according to ice density.

of flake ice

Generators alone



GENERATOR F600AB

Commercial range

MODEL	PRODUCTION TONNES / 24 H ACCORDING TO OPERATING CONDITIONS
F15	0,5
F30	0,65 to 1
F90 H	1,6 to 3
F90 V	3 to 3,5
F90 SBF	1,6 to 3,5
F90 SW Seawater	2 to 3



GENERATOR F30

Semi-industrial range

MODEL	PRODUCTION TONNES / 24 H ACCORDING TO OPERATING CONDITIONS
F200 ABF R404/R22	4,5 to 6,5
F200 ABF R717	
F200 SBF	
F250 ABF R404/R22	6,5 to 10
F250 ABF R717	
F250 SBF	

SBF : Without Flood Bottle - ABF : With Flood Bottle

Industrial range

MODEL	PRODUCTION TONNES / 24 H ACCORDING TO OPERATING CONDITIONS
F600 ABF	10 to 14
F600 SBF	
F800 ABF	15 to 20
F800 SBF	
F900 ABF	20 to 30
F900 SBF	
F800-2 ABF	30 to 36
F2000 ABF	30 to 50
F2000 SBF	

SBF : Without Flood Bottle - ABF : With Flood Bottle

Marine range

MODEL	PRODUCTION TONNES / 24 H ACCORDING TO OPERATING CONDITIONS
F30M TRI (fresh water)	1
F100 M TRI (fresh water)	2,7
F100SW TRI (seawater)	2,7



Granular ice



Generators with condensing units

Tropicalized version for operation up to 40°C ambient temperature.

Land-based, fresh water

MODEL	PRODUCTION KG / 24H
PACK G250	250
PACK G400	400
PACK G800	800
PACK G1200	1 200

Nominal performance with 10°C water and 20°C air

Land-based - seawater

MODEL	PRODUCTION KG / 24H
PACK G500 SW	500
PACK G1000 SW	1 000

Marine range

MODEL	PRODUCTION KG / 24H
PACK G500 SW	500
PACK G1000 SW	1 000

Ice dispensers

Production-storage modules with automated ice delivery.
Easy delivery, push-button type operation. Hygienic solutions.
Ice is kept in optimal conditions.

MODEL	MAXIMUM ICE DISPENSED IN 24 H	PRODUCTION KG / 24H	CAPACITY KG / 24 H
GiD 800	1 300 kg	800 kg Pack G800	500 kg S0
GiD 1200	2 400 kg	1 200 kg Pack G1200	1 200 kg S1

Storage capacity according to ice density.

G250 WITH BIN



Revolving floor silos

Small capacity buffer storages for the conservation of granular ice.

Automatic delivery Weighing - Quantization

MODEL	CAPACITY TONNES
S 0	0,5
S 1	1,2

Liquid ice



Li10000

Generators with condensing units

Land-based range

MODEL	PRODUCTION ICE 25 %	LITERS / 24H
PACK Li3300	3 300	
PACK Li6000	6 000	
PACK Li10000	NEW	10 000 to 12 000

Ice dispensers

Production-storage modules with automated ice delivery. Easy delivery, push-button type operation. Hygienic solutions. Ice is kept in optimal conditions.

MODEL	MAXIMUM ICE DISPENSED IN 24 H	PRODUCTION LITERS / 24H	STORAGE LITERS
LiD 3300	4 300 liters	3 300 liters Li 3300	1 000 liters LiT 1000
LiD 6000	7 000 liters	7 000 liters Li 6000	1 000 liters LiT 1000

Storage capacity according to ice density.

The Geneglace options

CUSTOMIZE YOUR SYSTEM ...

The Geneglace options enable to customize the Ice-systems further in order to better service the user need.

	DESCRIPTION
PACKS	CLEANING IN PLACE
	SALT DOSING PUMP
	REMOTE CONTROL WITH TIMER
GENERATORS	SALT DOSING PUMP
	ELECTRICAL CONTROL PANEL (3-phase + neutral + earth)
	CLEANING-IN-PLACE (includes control panel)
	REMOTE CONTROL WITH TIMER

Geneglance Services

Where Industrial ice raises critical issues,
Geneglance brings specialists.

The Geneglance services team performs technical surveys,
assistance, trainings and commissioning supervisions.
Our engineers promote ice know-how, and intervene on-site
to minimise technical risks.

Professionals

Geneglance, local service wherever you are

With an international network all-over the world, our customers
benefit from a high quality service.



GEA Refrigeration Technologies

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