



HOSHIZAKI

LEADING NATURALLY

PRODUCT CATALOG





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We are pursuing a growth objective at Hoshizaki Corporation that contributes to the evolution of the communities in which we operate, as well as the satisfaction of customers who use our products. We strive to meet the increasingly stringent demands of the world catering and food distribution. To achieve this, we develop original products that incorporate technologies innovative, and we present ourselves with proposals that allow the preparation of food and drinks for a healthier, more varied and tasty food consumption, in environments comfortable, made possible through equipment with low environmental impact and absolute quality and sustainability.

**2 YEAR
WARRANTY**
PARTS &
LABOR*

* Country-by-country agreement



Hoshizaki, in Europe, is present with 10 branch offices in key markets, coordinating a vast number of authorized dealers and service agents.

Equipment is assembled in the United Kingdom, or received as finished product from one of our global manufacturing locations.

Our main equipment distribution center is in The Netherlands, while we run our spare parts and a technical training centers in multiple locations.

With over 70 years of experience in the field of commercial refrigeration equipment, Hoshizaki is now internationally recognized for sustainable innovation, durability and reliability of its products.

Hoshizaki closed-cell technology brings on average 40% savings on energy consumption

**Compare and cut your operating costs:
choose Hoshizaki!**

We have randomly compared two of our models with natural refrigerant of the category from 26 kg and 240 kg of production of cubes in 24 hours with similar models available on the market, in equal environmental conditions.

	Equivalent model 1	Equivalent model 2	IM-30 CNE-HC
Energy consumption	400 W/h	290 W/h	230 W/h
Total management expense after 8 years*	€ 4.531,-	€ 3.691,-	

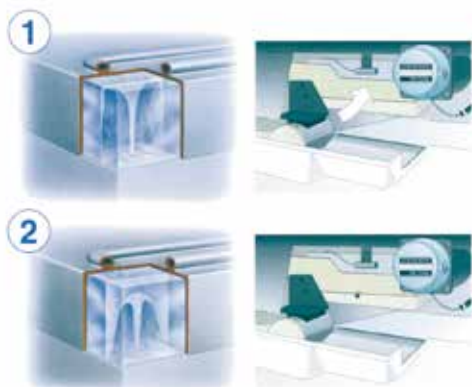
	Equivalent model 1	Equivalent model 2	IM-240 DNE-HC
Energy consumption	1850 W/h	1400 W/h	930 W/h
Total management expense after 8 years*	€ 19.123,-	€ 15.627,-	



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Higher density and lower temperature



Thanks to the Hoshizaki "closed cell" technology Hoshizaki ice cubes are formed by injecting a stream of water free from air bubbles on the evaporator surface.

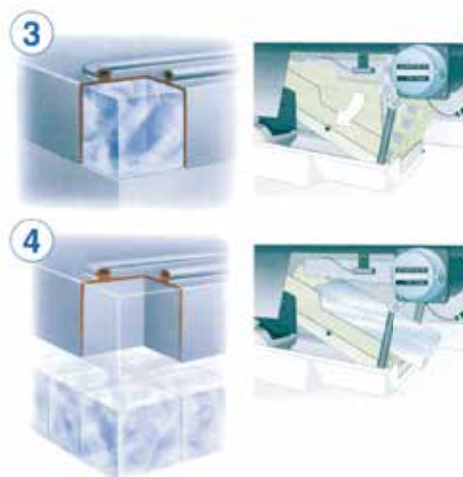
The injectors of the Hoshizaki system are located along the upper surface of a tilting platform: in the closed position, the platform becomes the sixth (and base-side) of the cells in which the cubes are formed, the only non-freezing one. This proximity allows water to be injected, not sprayed. Pure water molecules, free from air, aggregate tightly while freezing, **giving origin to a high-density ice quality.**

Sub-freezing temperature

All of the freezing temperatures generated by the refrigeration system remain trapped within the five sides of the evaporator and the base-side of the platform in its closed position, without dispersion. Ice can then be brought to temperatures below freezing.

Subcooling leads to **"marbling"**, the formation of unique hairline cracks within the ice cubes, generated by the compression of freezing water attempting to expand within the cell.

The "Marble Effect" vanishes as the ice comes into contact with the warmer temperature of the drink.



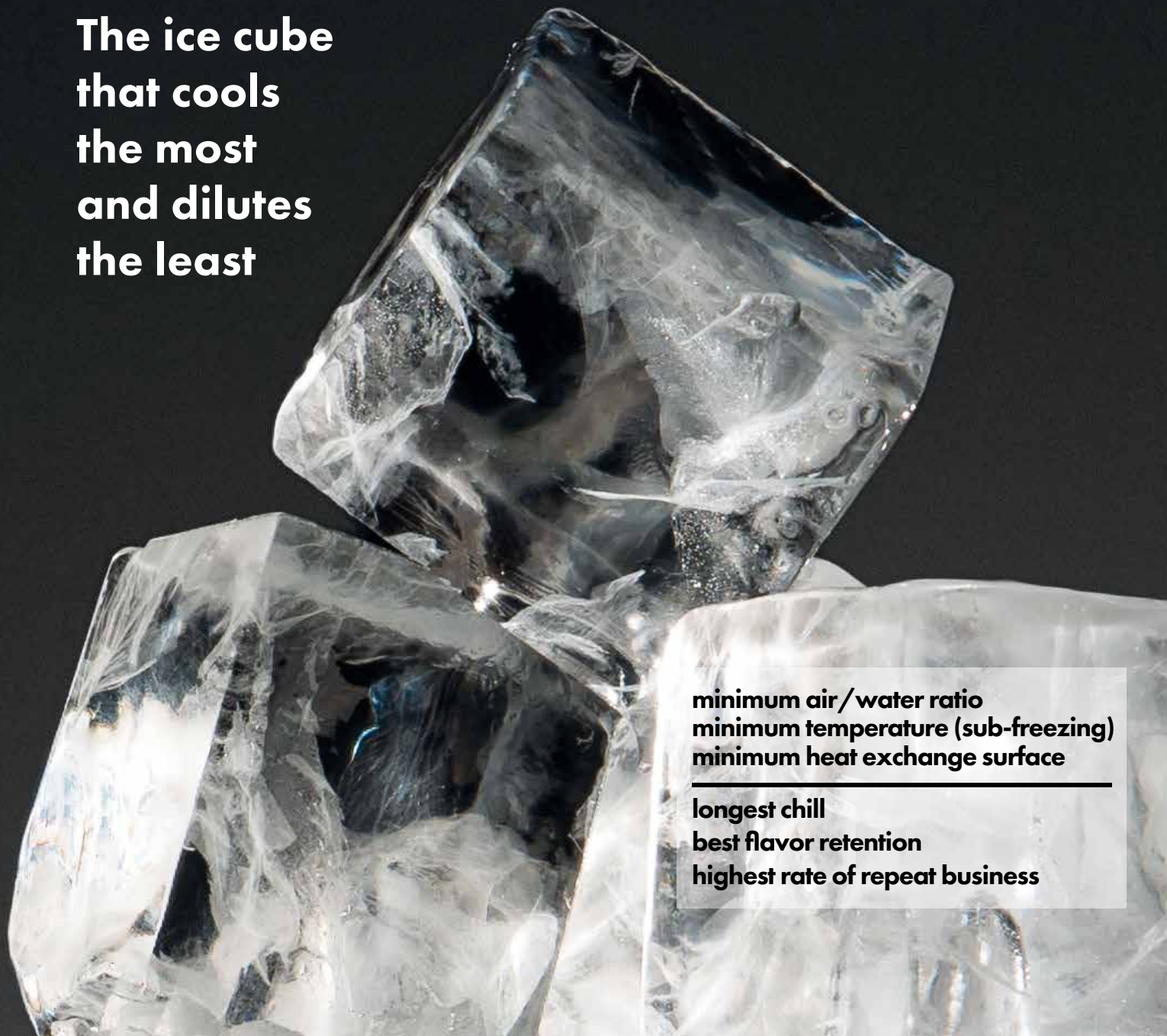
Reduced heat exchange surface for longer-lasting flavour

Sharp edged ice cubes, finally the "classic" shape of cube, or perfect cube, depending on the formats, without internal cavities (a minimum trace of the point of impact of the water with the forming ice remains), Hoshizaki cubes offer, at a given volume, a lower heat exchange surface than thimble-shaped cubes, leading to a slower melt rate and extending the most flavorful part of the drink experience!

The above are the reasons why the Hoshizaki cubes have established themselves in the trendiest cocktail bars and drink venues around the world.



**The ice cube
that cools
the most
and dilutes
the least**



**minimum air/water ratio
minimum temperature (sub-freezing)
minimum heat exchange surface**

**longest chill
best flavor retention
highest rate of repeat business**

Simply spectacular!

An incomparable performance thanks to greater ice density; transparency blended with character (unique "marble effect", achieved through subcooling); geometrically pure (prismatic or cubic) forms, with 90 degrees corners; distinguished dimensions, with the best-in-class heat exchange surface (no internal cavities!).

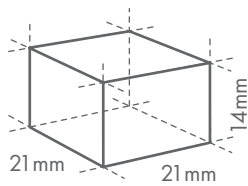
The result: an unmistakably captivating identity!

These are fundamental aspects to guarantee the best visual and organoleptic quality of the drink. Take your time, it's Hoshizaki Ice!

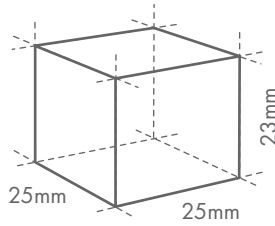
Extended drink-time offered by Hoshizaki.

Appreciated by patrons in the best cocktail-bars around the world.

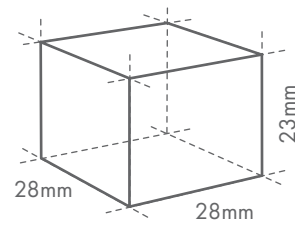
Hoshizaki Exclusive Ice Cubes: Shapes and Sizes



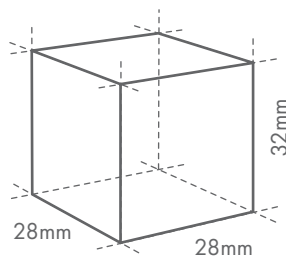
"XS" Cube
Extra Small approx. 6 g
Size code: - 21



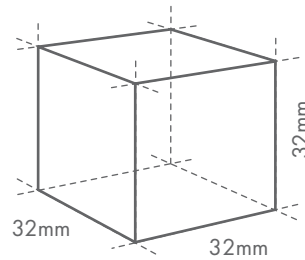
"S" Cube
Small approx. 13 g
Size code: - 25



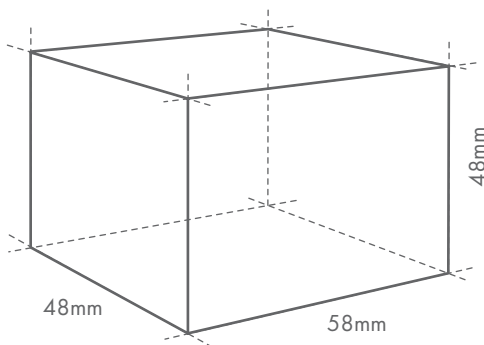
"M" Cube
Medium approx. 17 g
Size code: - 23



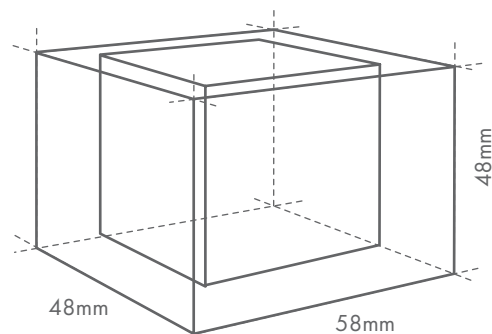
"L" Cube
Large approx. 23 g
Standard Cube



"XL" Cube
Extra Large approx. 31 g
Size code: - 32



"XXL" Cube
Extra Extra Large approx. 120 g
Size code: LM
Model: IM-65 NE (HC)-LM

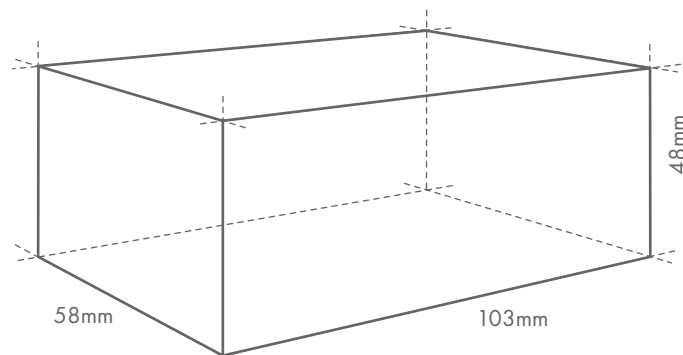


"XXL Big Shot" Cube
Extra Extra Large approx. 50 / 60 g
Size code: LM in Big Shot setting
Model: IM-65 NE-HC-LM

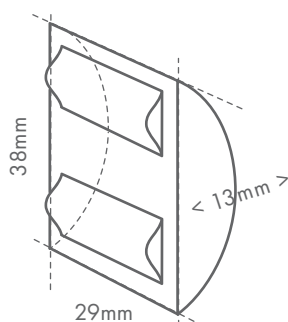


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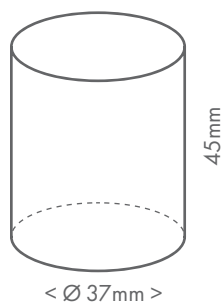
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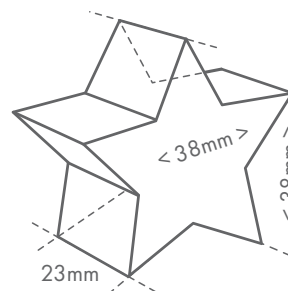
"XXXL Long" Cube
Extra Extra Extra Large approx. 240 g
Model IM-65 NE-(HC) - LM103



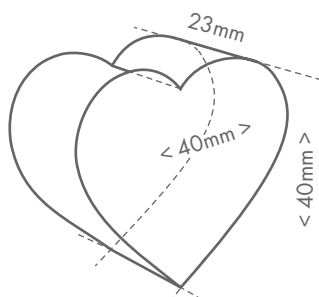
Crescent Cube approx. 9 g
Model KM



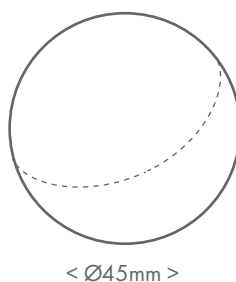
Cylinder Cube approx. 42 g
Model IM-65 NE-(HC)-C or IM-100 NE-C



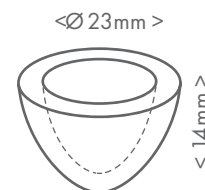
Star Cube approx. 18 g
Model IM-65 NE-(HC)-S



Heart Cube approx. 25 g
Model IM-65 NE-(HC)-H



Ball Cube approx. 45 g
Model IM-65 NE-(HC)-Q



Shuttle Cube approx. 3 g
Model DSM-12-DE



IM Range

Ecological ice makers for IM Cubes with built-in container and separate ice container



IM-21 CNE-HC with built-in container

Net dimensions (mm)	398 x 451 x 695
Ice Storage capacity up to (kg)	11,5
Crated dimensions (mm)	505 x 575 x 862
Crated Volume (m ³)	0,25
Refrigerant	R290



Large Cube mm 28 x 28 x 32

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-21 CNE-HC	Large	Air	25	24	220-240/50/1	225	34/39	

IM-30 CNE-HC with built-in container

Net dimensions (mm)	398 x 451 x 695 (legs + 90 -125)
Ice Storage capacity up to (kg)	11,5
Crated dimensions (mm)	505 x 575 x 862
Crated Volume (m ³)	0,25
Refrigerant	R290



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-30 CNE-HC	Large	Air	30	26	220-240/50/1	230	34/39	
IM-30 CNE-HC-25	Small	Air	25	23	220-240/50/1	230	34/39	

IM-45 CNE-HC with built-in container

Net dimensions (mm)	633 x 511 x 690 (legs + 90 -125)
Ice Storage capacity up to (kg)	15
Crated dimensions (mm)	735 x 570 x 864
Crated Volume (m ³)	0,36
Refrigerant	R290



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-45 CNE-HC	Large	Air	46	42	220-240/50/1	275	45/55	
IM-45 CNE-HC-25	Small	Air	39	35	220-240/50/1	275	45/55	

IM-45 NE-HC with built-in container

Net dimensions (mm)	503 x 456 x 840 (legs + 90 -125)
Ice Storage capacity up to (kg)	18
Crated dimensions (mm)	635 x 520 x 1007
Crated Volume (m ³)	0,33
Refrigerant	R290



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-45 NE-HC	Large	Air	46	42	220-240/50/1	275	44/50	
IM-45 NE-HC-25	Small	Air	39	35	220-240/50/1	275	44/50	



IM Range

Ecological ice makers for IM cubes with built-in container and separate container



IM-65 NE-HC with built-in container

Net dimensions (mm)	633 x 506 x 840 (legs + 90 - 125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,42
Refrigerant	R290



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-HC	Large	Air	62	56	220-240/50/1	320	50/60	
IM-65 NE-HC-25	Small	Air	56	49	220-240/50/1	330	50/60	

IM-100 CNE-HC with built-in container

Net dimensions (mm)	1004 x 600 x 800 (legs + 70-100)
Container capacity up to (kg)	38
Size with packaging (mm)	1110 x 700 x 875
Crated Volume (m ³)	0,68
Refrigerant	R290



Extra Large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-100CNE-HC-32	Extra large	Air	100	93	220-240/50/1	500	77/88	
IM-100 CNE-HC	Large	Air	105	95	220-240/50/1	500	77/88	
IM-100CNE-HC-23	Medium	Air	79	77	220-240/50/1	500	77/88	
IM-100CNE-HC-21	Extra small	Air	90	85	220-240/50/1	500	77/88	

IM-100 NE-HC with built-in container

Net dimensions (mm)	704 x 506 x 1200 (legs + 70 - 100)
Ice Storage capacity up to (kg)	50
Crated dimensions (mm)	805 x 580 x 1375
Crated Volume (m ³)	0,64
Refrigerant	R290



Extra Large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-100NE-HC-32	Extra large	Air	94	84	220-240/50/1	555	76/84	
IM-100 NE-HC	Large	Air	105	95	220-240/50/1	520	76/84	
IM-100 NE-HC-23	Medium	Air	85	83	220-240/50/1	IVD	76/84	
IM-100 NE-HC-21	Extra small	Air	90	85	220-240/50/1	IVD	76/84	

IM-130 NE-HC with built-in container

Net dimensions (mm)	704 x 506 x 1200 (legs + 70 - 100)
Ice Storage capacity up to (kg)	50
Crated dimensions (mm)	805 x 580 x 1375
Crated Volume (m ³)	0,64
Refrigerant	R290



Extra Large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-130NE-HC-32	Extra large	Air	100	95	220-240/50/1	615	76/85	
IM-130 NE-HC	Large	Air	125	112	220-240/50/1	615	76/85	
IM-130NE-HC-23	Medium	Air	100	90	220-240/50/1	615	76/85	
IM-130NE-HC-21	Extra small	Air	105	95	220-240/50/1	615	76/85	

IM-240 NE-HC with built-in container

Net dimensions (mm)	704 x 665 x 1510 (legs + 70 - 100)
Ice Storage capacity up to (kg)	110
Crated dimensions (mm)	805 x 760 x 1684
Crated Volume (m ³)	1,0
Refrigerant	R290



Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 NE-HC	Large	Air	210	195	220-240/50/1	930	107/120	
IM-240 NE-HC-23	Medium	Air	180	175	220-240/50/1	930	107/120	
IM-240 NE-HC-21	Extra small	Air	185	165	220-240/50H/1	930	107/120	



IM Range

Ecological ice makers for IM cubes with built-in container and separate container



IM-130 ANE - HC with separate container

Net dimensions (mm)	560 x 700 x 880
Corresponding Bins (+possible top kits)	B - 140 SA B - 210 SA (TK 8 D) B - 340 SA (1xTK 8 D, 1xTK 18 D)
Crated dimensions (mm) IM-130 ANE-HC	820 x 665 x 1054 940 x 760 x 1190
Crated Volume (m ³) IM-130 ANE-HC Storage Bin B - 140 SA	0,57 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R290



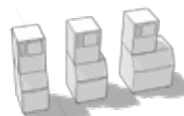
IM-130 ANE - HC
+ B - 140 SA
(sold separately)



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-130 ANE-HC	Large	Air	125	110	220-240/50/1	635	68/79	
IM-130 ANE-HC*	Large	Air	125	110	220-240/50/1	635	68/79	
IM-130 ANE-HC-23	Medium	Air	100	95	220-240/50/1	635	68/79	
IM-130 ANE-HC-23*	Medium	Air	100	95	220-240/50/1	635	68/79	

*50 Hz model with stainless steel frame



IM-130 ANE-HC on B-140 SA / B-210 SA / B-340 SA

IM-240 ANE - HC with separate container

Net dimensions (mm)	560 x 700 x 880
Corresponding Bins (+possible top kits)	B - 140 SA B - 210 SA (TK 8 D) B - 340 SA (1xTK 8 D, 1xTK 18 D)
Crated dimensions (mm) IM-240 ANE-HC Storage Bin B - 301 SA	665 x 820 x 1054 940 x 760 x 1190
Crated Volume (m ³) IM-240 ANE-HC Storage Bin B - 140 SA	0,57 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R290



IM-240 ANE - HC
+ B - 140 SA (sold separately)



Extra large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 ANE-HC-32	Extra large	Air	220	200	220-240/50/1	930	78/89	
IM-240 ANE-HC	Large	Air	210	195	220-240/50/1	870	78/89	
IM-240 ANE-HC*	Large	Air	210	195	220-240/50/1	870	76/89	
IM-240 ANE-HC-23	Medium	Air	190	170	220-240/50/1	860	78/89	
IM-240 ANE-HC-23*	Medium	Air	190	170	220-240/50/1	860	78/89	
IM-240 ANE-HC-21	Extra small	Air	210	200	220-240/50/1	930	78/89	

*50 Hz model with stainless steel frame



IM-240 ANE-HC on B-140 SA / B-210 SA / B-340 SA

IM-240 DNE - HC / IM 240 XNE - HC with separate container

Net dimensions (mm)	1084 x 700 x 500
Corresponding Bins (+possible top kits)	B - 340 SA (TK IM D2) F 650 - 42 S F 650 - 44 S F 950 - 48 S F 1025 - 52 S
Crated dimensions (mm) - IM-240 DNE-HC Storage Bin B - 340 SA	1196 x 825 x 640 1360 x 940 x 640
Crated Volume (m ³) IM-240 DNE-HC Storage Bin B - 340 SA	0,63 1,5
Crated weight (kg) B - 340 SA	86
Refrigerant	R290

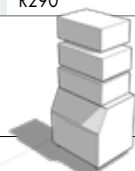


IM-240 DNE-HC
+ B - 340 SA (sold separately)



Extra large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Extra small Cube mm 21 x 21 x 14

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 DNE-HC-32	Extra large	Air	190	175	220-240/50/1	930	82/96	
IM-240 XNE-HC-32	Extra large	Air	190	175	220-240/50/1	930	78/93	
IM-240 DNE-HC	Large	Air	210	195	220-240/50/1	930	82/93	
IM-240 XNE-HC	Large	Air	210	195	220-240/50/1	930	78/93	
IM-240 DNE-HC-23	Medium	Air	180	175	220-240/50/1	930	82/96	
IM-240 XNE-HC-23	Medium	Air	180	175	220-240/50/1	930	78/93	
IM-240 DNE-HC-21	Extra small	Air	205	195	220-240/50/1	975	78/93	
IM-240 XNE-HC-21	Extra small	Air	205	185	220-240/50/1	975	78/93	



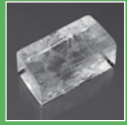
IM-240 DNE-HC - Basic model with top panel
IM-240 XNE-HC - Stackable model with conveyor kit
IM-240 XNE-HC - Stackable model with conveyor kit
B-340 SA



IM Range Special Cube



Ecological ice makers
for IM cubes with
built-in container



IM-65 NE-HC Q / LM / LM Big Shot / LM103 with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs + 90 - 125)
Ice Storage capacity up to (kg)	17-model Q 26-model LM 26-model LM 103
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,33
Refrigerant	R290



Ball Cube Ø 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-HC Q "Ball"	Ball	Air	28 (622 cubes)	26 (577 cubes)	220-240/50/1	320	53/66	



XXL Big Cube mm 48 x 58 x 48



XXL Big Shot Cube mm 48 x 58 x 48

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-HC LM "Big"	XXL Big	Air	43 (358 cubes)	35 (291 cubes)	220-240/50/1	320	51/61	
IM-65 NE-HC "Big Shot"	XXL Big shot	Air	39 (780 Shot cubes)	32 (640 Shot cubes)	220-240/50/1	320	51/61	



XXXL Long Cube mm 58 x 103 x 48

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65NE-HC LM 103 "Long"	XXXL Long	Air	39 (162 cubes)	32 (133 cubes)	220-240/50/1	400	53/61	

IM-65 NE - HC H / S with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs + 90 - 125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,33
Refrigerant	R290



Heart Cube mm 40 x 23 x 40



Star Cube mm 38 x 23 x 38

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-HC H "Heart"	Heart	Air	33 (1320 cubes)	29 (1160 cubes)	220-240/50/1	400	53/61	
IM-65 NE-HC S "Star"	Star	Air	20 (1110 cubes)	20 (1110 cubes)	220-240/50/1	320	51/61	

IM-65 NE HC - C with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs + 90 - 125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,42
Refrigerant	R290



Cylinder Cube Ø 37 x 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE -HC -C "Cylinder"	Cylinder	Air	55 (1309 cubes)	45 (1071 cubes)	220-240/50/1	320	51/61	

IM Range Cylinder Cubes

Ecological ice makers for IM cubes with built-in container and separate container



IM-65 NE - C with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs + 90 -125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,42
Refrigerant	R134a - F-gas CO ₂ eq: 260 kg



Cylinder Cube Ø 37 x 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-C "Cylinder"	Cylinder	Air	55 (1309 cubes)	50 (1190 cubes)	220-240/50/1	400	53/61	

IM-100 NE - C with built-in container

Net dimensions (mm)	704 x 506 x 1200 (legs + 90 - 130)
Ice Storage capacity up to (kg)	50
Crated dimensions (mm)	805 x 580 x 1375
Crated Volume (m ³)	0,64
Refrigerant	R134a - F-gas CO ₂ eq: 364 kg



Cylinder Cube Ø 37 x 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-100 NE-C "Cylinder"	Cylinder	Air	85 (2023 cubes)	81 (1928 cubes)	220-240/50/1	630	76/85	

IM-240 DNE - C / DXE - C with separate container

Net dimensions	1084 x 700 x 500
Corresponding Bins (*possible top kits)	B - 340 SA (1xTK IM D2) F 650 - 42 S F 650 - 44 S F 950 - 48 S F 1025 - 52 S
Crated dimensions (mm) IM-240 DNE Storage Bin B - 340 SA	1196 x 825 x 640 1360 x 940 x 1190
Crated Volume (m ³) IM-240 ANE Storage Bin B - 340 SA	0,63 1,5
Crated weight (kg) B - 340 SA	86
Refrigerant	R404A CO ₂ eq: 500 kg



IM-240 DNE-C
on B - 801 SA
(sold separately)



Cylinder Cube Ø 37 x 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 DNE - C "Cylinder"	Cylinder	Air	240 (5714 cubes)	220 (5238 cubes)	220-240/50/1	1330	88/101	
IM-240 DNE - C* "Cylinder"	Cylinder	Air	240 (5714 cubes)	220 (5238 cubes)	220-240/50/1	1330	88/101	
IM-240 DWNE - C "Cylinder"	Cylinder	Water	235 (5595 cubes)	200 (4761 cubes)	220-240/50/1	1330	88/101	
IM-240 DWNE - C* "Cylinder"	Cylinder	Water	235 (5595 cubes)	200 (4761 cubes)	220-240/50/1	1300	88/101	
IM-240 XNE - C "Cylinder"	Cylinder	Air	240 (5714 cubes)	220 (5238 cubes)	220-240/50/1	930	78/89	
IM-240 XWNE - C "Cylinder"	Cylinder	Water	235 (5595 cubes)	220 (5238 cubes)	220-240/50/1	860	78/89	

* Model with stainless steel frame



IM-240 DNE-C - Basic model with top panel
IM-240 XNE-C - Stackable model with conveyor kit
IM-240 XNE-C - Stackable model with conveyor kit
B-340 SA




IM Range

Ice makers for IM Cubes with built-in container and separate ice container



IM-21 CNE with built-in container


Net dimensions (mm)	398 x 451 x 695
Ice Storage capacity up to (kg)	11,5
Crated dimensions (mm)	505 x 575 x 862
Crated Volume (m ³)	0,25
Refrigerant	R134a-F-gas  CO2 eq: 157 kg



Large Cube mm 28 x 28 x 32

Model	Ice cube type	Cooling	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Supply power V/Hz/Ph	Consum. electric (W)	Net weight / gross (kg)	Euro
IM-21 CNE	Large	Air	22	19	220-240/50/1	240	34/39	
IM-21 CNE (NAV)	Large	Air	22	19	115V/60Hz/1	240	34/39	

IM-30 CNE with built-in container


Net dimensions (mm)	398 x 451 x 695 (legs + 90 -125)
Ice Storage capacity up to (kg)	11,5
Crated dimensions (mm)	505 x 575 x 862
Crated Volume (m ³)	0,25
Refrigerant	R134a-F-gas  CO2 eq: 186 kg



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-30 CNE	Large	Air	28	24	220-240/50/1	270	34/39	
IM-30 CNE-25	Small	Air	24	20	220-240/50/1	270	34/39	
IM-30 CWNE	Large	Water	32	30	220-240/50/1	190	35/41	
IM-30 CWNE-25	Small	Water	25	23	220-240/50/1	190	35/41	
IM-30 CNE (G60)	Large	Air	27	24	230/60/1	270	34/39	
IM-30 CWNE (G60)	Large	Acqua	27	24	230/60/1	270	34/39	

IM-45 CNE with built-in container


Net dimensions (mm)	633 x 511 x 690 (legs + 90 -125)
Ice Storage capacity up to (kg)	15
Crated dimensions (mm)	735 x 570 x 864
Crated Volume (m ³)	0,36
Refrigerant	R134a-F-gas  CO2 eq: 229 kg



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-45 CNE	Large	Air	44	40	220-240/50/1	320	48/56	
IM-45 CNE-25	Small	Air	39	35	220-240V/50/1	330	48/56	
IM-45 CNE (G60)	Large	Air	44	40	230/60/1	320	48/56	

IM-45 NE with built-in container

Net dimensions (mm)	503 x 456 x 840 (legs + 90 -125)
Ice Storage capacity up to (kg)	18
Crated dimensions (mm)	635 x 520 x 1007
Crated Volume (m ³)	0,33
Refrigerant	R134a-F-gas  CO2 eq: 229 kg



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23


Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-45 NE	Large	Air	44	40	220-240/50/1	330	46/52	
IM-45 WNE	Large	Water	47	40	220-240/50/1	295	47/55	
IM-45 NE-25	Small	Air	39	35	220-240/50/1	330	46/52	
IM-45 WNE-25	Small	Water	43	42	220-240/50/1	310	47/55	
IM-45 NE (G60)	Small	Air	46	40	230/60/1	360	46/52	
IM-45 WNE (G60)	Large	Water	50	45	230/60/1	310	47/55	
IM-45 NE-25 (G60)	Small	Air	39	35	230/60/1	330	46/52	
IM-45 WNE-25 (G60)	Small	Water	43	42	230/60/1	310	47/55	



IM Range

Ice makers for IM cubes with built-in container and separate container

IM-65 NE with built-in container


Net dimensions (mm)	633 x 506 x 840 (legs + 90 -125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume	0,42
Refrigerant	R134a-F-gas  CO2 eq: 286 kg



Large Cube mm 28 x 28 x 32
Small Cube mm 25 x 25 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE	Large	Air	63	56	220-240/50/1	400	53/61	
IM-65 WNE	Large	Water	63	55	220-240/50/1	370	54/64	
IM-65 NE-25	Small	Air	56	52	220-240/50/1	400	53/61	
IM-65 WNE-25	Small	Air	56	52	220-240V/50/1	400	53/61	
IM-65 NE (G60)	Large	Air	62	58	230/60/1	370	53/61	
IM-65 WNE (G60)	Large	Water	65	58	230/60/1	310	54/64	
IM-65 NE-25 (G60)	Small	Air	59	52	230/60/1	370	53/61	
IM-65 WNE-25 (G60)	Small	Water	66	58	230/60/1	310	54/64	

IM-100 CNE with built-in container


Net dimensions (mm)	1004 x 600 x 800 (legs + 70-100)
Ice Storage capacity up to (kg)	38
Crated dimensions (mm)	1110 x 700 x 875
Crated Volume (m ³)	0,68
Refrigerant	R134a-F-gas  CO2 eq: 400 kg



Large Cube mm 28 x 28 x 32
Extra small Cube mm 21 x 21 x 14
Medium Cube mm 28 x 28 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-100 CNE	Large	Air	95	93	220-240/50/1	630	77/88	
IM-100 CNE-21	Extra small	Air	92	87	220-240/50/1	630	77/88	
IM-100 CNE-23	Medium	Air	79	77	220-240/50/1	630	77/88	
IM-100 CNE (G60)	Large	Air	98	93	230/60/1	650	77/88	

IM-100 NE with built-in container

Net dimensions (mm)	704 x 506 x 1200 (legs + 70 - 100)
Ice Storage capacity up to (kg)	50
Crated dimensions (mm)	805 x 580 x 1375
Crated Volume (m ³)	0,64
Refrigerant	R134a-F-gas  CO2 eq: 400 kg



Large Cube mm 28 x 28 x 32
Medium Cube mm 28 x 28 x 23
Cubetto Extra small Cube mm 21 x

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-100 NE	Large	Air	95	95	220-240/50/1	630	76/85	
IM-100 WNE	Large	Water	97	95	220-240/50/1	540	74/84	
IM-100 NE-23	Medium	Air	79	77	220-240/50/1	630	76/84	
IM-100 WNE-23	Medium	Water	81	79	220-240/50/1	650	76/84	
IM-100 NE-21	Extra small	Air	98	95	220-240/50/1	630	76/84	
IM-100 WNE-21	Extra small	Water	96	88	220-240/50/1	540	74/84	
IM-100 NE (G60)	Large	Air	98	93	230V/60Hz/1	650	76/84	
IM-100 WNE (G60)	Large	Water	104	98	230V/60Hz/1	600	74/84	
IM-100 NE-21 (G60)	Extra small	Air	98	95	230V/60Hz/1	650	76/84	
IM-100 NE-23 (G60)	Medium	Air	81	79	230V/60Hz/1	650	76/84	
IM-100 WNE-21 (G60)	Extra small	Water	103	97	230V/60Hz/1	600	74/84	



IM Range

Ice makers for IM cubes with built-in container and separate container

IM-130 NE with built-in container

Net dimensions (mm)	704 x 506 x 1200 (legs+ 70 - 100)
Ice Storage capacity up to (kg)	50
Crated dimensions (mm)	805 x 580 x 1375
Crated Volume (m ³)	0,64
Refrigerant	R404A CO ₂ eq: 1490 kg



Large Cube mm 28 x 28 x 32
Extra small Cube mm 21 x 21 x 14
Medium Cube mm 28 x 28 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-130 NE	Large	Air	120	112	220-240/50/1	700	76/85	
IM-130 WNE	Large	Water	127	112	220-240/50/1	640	74/84	
IM-130 NE-23	Medium	Air	100	90	220-240/50/1	700	76/84	
IM-130 WNE-23	Medium	Water	100	90	220-240/50/1	700	76/84	
IM-130 NE-21	Extra small	Air	110	100	220-240/50/1	700	76/84	

IM-240 NE with built-in container

Net dimensions (mm)	704 x 665 x 1510 (legs+ 70 - 110)
Ice Storage capacity up to (kg)	110
Crated dimensions (mm)	805 x 760 x 1684
Crated Volume (m ³)	0,64
Refrigerant	R404A CO ₂ eq: 1960 kg



Large Cube mm 28 x 28 x 32
Extra small Cube mm 21 x 21 x 14
Medium Cube mm 28 x 28 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 NE	Large	Air	240	220	220-240/50/1	1320	111/128	
IM-240 WNE	Large	Water	240	225	220-240/50/1	1300	120/127	
IM-240 NE-23	Medium	Air	225	215	220-240/50/1	1320	111/128	
IM-240 WNE-23	Medium	Water	225	215	220-240/50/1	1320	111/128	
IM-240 NE-21	Extra small	Air	217	210	220-240/50/1	1320	111/128	

IM-240 ANE with separate container

Net dimensions (mm)	560 x 700 x 880
Corresponding Bins (+possible top kits)	B - 140 SA B - 210 SA (TK 8 D) B - 340 SA (1xTK 8 D, 1xTK 18 D)
Crated dimensions (mm) IM-240 ANE Storage Bin B - 140 SA	665 x 820 x 1054 940 x 760 x 1190
Crated Volume (m ³) IM-240 ANE Storage Bin B - 140 SA	0,57 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R404A-CO₂ CO ₂ eq: 1882 kg



IM-240 ANE on
B - 140 SA
(sold separately)



IM-240 ANE on B-140 SA / B-210 SA / B-340 SA



Large Cube mm 28 x 28 x 32
Extra small Cube mm 21 x 21 x 14
Medium Cube mm 28 x 28 x 23

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 ANE	Large	Air	240	220	220-240/50/1	1320	80/95	
IM-240 ANE*	Large	Air	240	220	220-240/50/1	1320	80/95	
IM-240 ANE-23	Medium	Air	225	215	220-240/50/1	1320	80/95	
IM-240 ANE-23*	Medium	Air	225	215	220-240/50/1	1320	80/95	
IM-240 ANE-21	Extra small	Air	217	210	220-240/50/1	1320	80/95	
IM-240 ANE-21*	Extra small	Air	217	210	220-240/50/1	1320	80/95	
IM-240 AWNE	Large	Water	240	225	220-240/50/1	1300	83/95	
IM-240 AWNE*	Large	Water	240	225	220-240/50/1	1300	83/95	
IM-240 AWNE-23	Medium	Water	220	200	220-240/50/1	1320	83/95	
IM-240 AWNE-23*	Medium	Water	220	200	220-240/50/1	1320	83/95	
IM-240 AWNE-21	Extra small	Water	203	193	220-240/50/1	1320	80/95	
IM-240 ANE (G60)	Large	Air	245	220	230/60/1	1320	80/95	
IM-240 ANE* (G60)	Large	Air	245	220	230/60/1	1320	80/95	
IM-240 AWNE (G60)	Large	Water	240	220	230/60/1	1130	83/95	
IM-240 AWNE* (G60)	Large	Water	240	220	230/60/1	1130	83/95	
IM-240 AWNE-23 (G60)	Medium	Water	220	200	230/60/1	1130	83/95	
IM-240 AWNE-23* (G60)	Medium	Water	220	200	230/60/1	1130	83/95	
IM-240 AWNE-21 (G60)	Extra small	Water	215	210	230/60/1	1130	83/95	
IM-240 AWNE-21* (G60)	Extra small	Air	215	210	230/60/1	1130	83/95	

* Model with stainless steel frame



IM Range

Ice makers for IM cubes with separate container

Basic model - 220-240/50/1 with condenser (with top panel)



Extra Large Cube mm 32 x 32 x 32
Large Cube mm 28 x 28 x 32
Medium Cube mm 25 x 25 x 23
Extra small Cube mm 21 x 21 x 14



IM-240 DNE on B - 340 SA
(sold separately)

IM-240 DNE / IM 240 XNE with separate container

Net dimensions (mm)	1084 x 700 x 500
Corresponding Bins (+possible top kits)	B-340 SA (1xTK IM D2) F 650 - 42 S F 650 - 44 S F 950 - 48 S F 1025 - 52 S
Crated dimensions (mm) IM-240 DNE	1196 x 825 x 640
Storage Bin B - 801 SA	1360 x 940 x 1190
Crated Volume (m ³) IM-240 DNE	0,63
Storage Bin B - 801 SA	1,5
Crated weight (kg) B - 340 SA	86
Refrigerant	R404A CO ₂ eq: 1882 kg



IM-240 DNE - Basic model with top panel

IM-240 XNE - Stackable model without top panel and with ice funnel

IM-240 XNE - Stackable model without top panel and with ice funnel

B-340 SA

Model	Ice cube type	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Power rating (W)	Net weight / gross (kg)	Euro
Basic models 220-240/50/1 with remote condenser (with top panel)						
IM-240 DSNE	Large	240	230	1330	85/97	
IM-240 DSNE-23	Medium	225	215	1330	85/97	

Stackable models 220-240/50/1 with remote condenser (with conveyor kit)

IM-240 XSNE	Large	240	230	1330	81/95	
IM-240 XSNE-23	Large	240	220	1330	88/101	

Remote condenser	Supply power	Consum. electric (W)	Net weight / gross (kg)	Euro
URC-240 CE-4	220-240/50/1	1330	88/101	

Basic models 220-240/50/1 air cooled (with top panel)

Model	Ice cube type	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 DNE-32	Extra large	220	210	1330	88/101	
IM-240 DNE-32*	Extra large	220	210	1330	88/101	
IM-240 DNE	Large	240	220	1330	88/101	
IM-240 DNE*	Large	240	220	1330	88/101	
IM-240 DNE-23	Medium	225	215	1330	88/101	
IM-240 DNE-23*	Medium	225	215	1330	88/101	
IM-240 DNE-21	Extra small	217	210	1330	88/101	
IM-240 DNE-21*	Extra small	217	210	1330	88/101	

Stackable models 220-240/50/1 air cooled (without top panel)

Model	Ice cube type	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Power rating (W)	Net weight / gross (kg)	Euro
IM-240 XNE-32	Extra large	220	210	1330	84/98	
IM-240 XNE-32*	Extra large	220	210	1330	84/98	
IM-240 XNE	Large	240	220	1330	84/98	
IM-240 XNE*	Large	240	220	1330	84/98	
IM-240 XNE-23	Medium	225	215	1330	84/98	
IM-240 XNE-23*	Medium	225	215	1330	88/101	
IM-240 XNE-21	Extra small	217	210	1330	84/98	
IM-240 XNE-21*	Extra small	217	210	1330	84/98	

Basic models 220-240/50/1 water cooled (with top panel)

IM-240 DWNE-32	Large	240	220	1330	88/101	
IM-240 DWNE-32*	Large	240	220	1330	88/101	
IM-240 DWNE	Large	240	220	1330	88/101	
IM-240 DWNE*	Large	240	220	1330	88/101	
IM-240 DWNE-23	Medium	210	202	1300	87/100	
IM-240 DWNE-23*	Medium	210	202	1330	88/101	
IM-240 DWNE-21	Extra small	215	207	1300	87/100	
IM-240 DWNE-21*	Extra small	220	207	1330	88/101	

Stackable models 220-240/50/1 water cooled (without top panel)

IM-240 XWNE-32	Extra large	215	195	1330	88/101	
IM-240 XWNE-32*	Extra large	215	195	1330	88/101	
IM-240 XWNE	Large	240	220	1330	88/101	
IM-240 XWNE*	Large	240	220	1330	88/101	
IM-240 XWNE-23	Medium	210	202	1300	83/98	
IM-240 XWNE-23*	Medium	210	202	1330	88/101	
IM-240 XWNE-21	Extra small	215	207	1300	83/98	
IM-240 XWNE-21*	Extra small	215	207	1300	83/98	

Basic models 230V/60Hz/1 air cooled (with top panel)

IM-240 DNE (G60)	Large	245	220	1250	88/101	
IM-240 DNE* (G60)	Large	245	220	1330	88/101	
IM-240 DNE-23 (G60)	Medium	230	215	1250	88/101	
IM-240 DNE-23* (G60)	Medium	230	215	1250	88/101	
IM-240 DNE-21 (G60)	Extra small	220	220	1250	88/101	
IM-240 DNE-21* (G60)	Extra small	220	220	1330	88/101	

Stackable models 230V/60Hz/1 air cooled (without top panel)

IM-240 XWNE (G60)	Large	240	220	1330	88/101	
IM-240 XWNE* (G60)	Large	240	220	1330	88/101	
IM-240 XWNE-23 (G60)	Medium	220	200	1130	83/98	
IM-240 XWNE-23* (G60)	Medium	220	200	1330	88/101	
IM-240 XWNE-21 (G60)	Extra small	215	210	1130	83/98	
IM-240 XWNE-21* (G60)	Extra small	215	210	1130	83/98	

Basic models 230V/60Hz/1 water cooled (with top panel)

IM-240 DWNE (G60)	Large	240	220	1130	87/100	
IM-240 DWNE* (G60)	Large	240	220	1330	88/101	
IM-240 DWNE-23 (G60)	Medium	220	200	1130	87/100	
IM-240 DWNE-23* (G60)	Medium	220	200	1330	88/101	
IM-240 DWNE-21 (G60)	Extra small	215	210	1130	87/100	
IM-240 DWNE-21* (G60)	Extra small	215	210	1330	88/101	

Stackable models 230V/60Hz/1 water cooled (without top panel)

IM-240 XWNE (G60)	Large	240	220	1330	88/101	
IM-240 XWNE* (G60)	Large	240	220	1330	88/101	
IM-240 XWNE-23 (G60)	Medium	220	200	1130	83/98	
IM-240 XWNE-23* (G60)	Medium	220	200	1330	88/101	
IM-240 XWNE-21 (G60)	Extra small	215	210	1130	83/98	
IM-240 XWNE-21* (G60)	Extra small	215	210	1130	83/98	

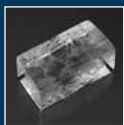
* Model with stainless steel frame



IM Range Special Cube



Ice makers for IM cubes
with built-in container



IM-65 NE - Q / LM / LM Big Shot / LM103 with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs+ 90 - 125)
Ice Storage capacity up to (kg)	17-model Q 26-model LM 26-model LM 103
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,33
Refrigerant	Model Q R134a-F-gas CO2 eq: 260 kg



Ball Cube Ø 45 mm

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-Q "Ball"	Ball	Air	26 (577 cubes)	24 (533 cubes)	220-240/50/1	390	53/66	
IM-65 WNE-Q "Ball"	Ball	Water	24 (533 cubes)	23 (511 cubes)	220-240/50/1	350	53/66	



XXL Big Cube mm 48 x 58 x 48



XXL Big Shot Cube mm 48 x 58 x 48

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-LM "Big"	XXL Big	Air	40 (333 cubes)	33 (275 cubes)	220-240/50/1	400	53/61	
IM-65 NE-LM "Big Shot"	XXL Big shot	Air	600 (Shot cubes)	500 (Shot cubes)	220-240/50/1	400	53/61	



XXXL Long Cube mm 58 x 103 x 48

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65NE-LM 103 "Long"	XXXL Long	Air	32 (133 cubes)	28 (116 cubes)	220-240/50/1	400	53/61	

IM-65 NE - H / S with built-in container

Net dimensions (mm)	633 x 506 x 860 (legs + 90 - 125)
Ice Storage capacity up to (kg)	26
Crated dimensions (mm)	735 x 570 x 1012
Crated Volume (m ³)	0,33
Refrigerant	Model Q R134a-F-gas CO2 eq: 260 kg



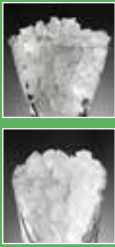
Heart Cube mm 40 x 23 x 40

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-H "Heart"	Heart	Air	28 (1120 cubes)	27 (1080 cubes)	220-240/50/1	400	53/61	



Star Cube mm 38 x 23 x 38

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
IM-65 NE-S "Star"	Star	Air	22 (1222 cubes)	21 (1166 cubes)	220-240/50/1	400	53/61	



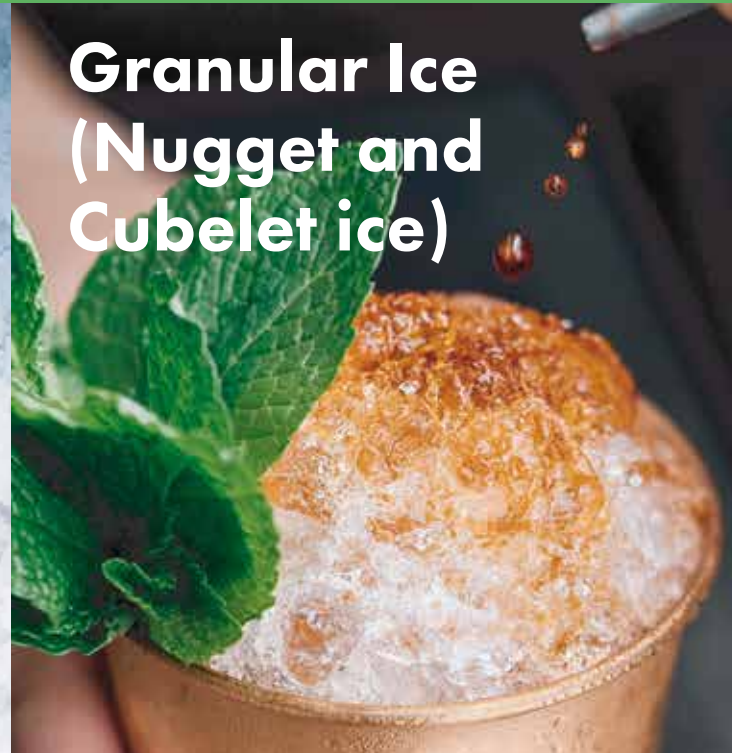
FM Range

Ecological ice makers for Flake and Nugget ice
with built-in and separate container

Granular Ice (Flake)



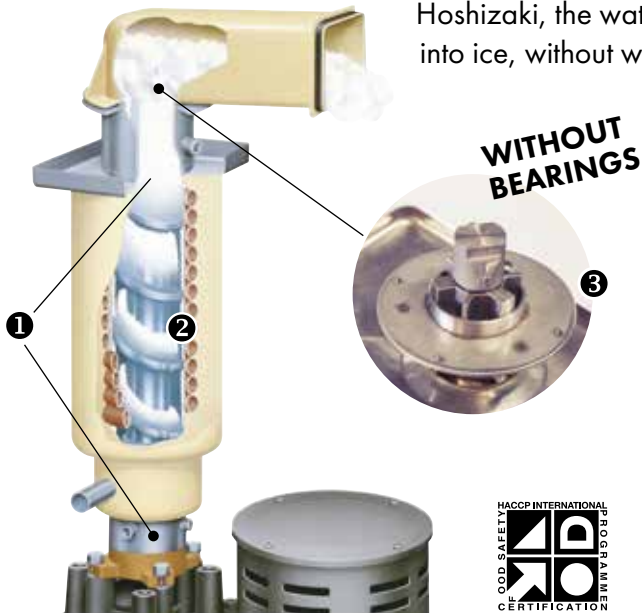
Granular Ice (Nugget and Cubelet ice)



FM Range features

Granular ice comes in Flake (soft and humid), Nugget (dry and hard, large size) and Cubelet (dry and hard, small size) variants. These are very versatile forms of ice, suitable for a wide variety of uses. The main characteristic of Hoshizaki's Granular ice is that it avoids the "weight loss" of fresh fish and meat, usually caused by dynamic or ventilated refrigeration, by maintaining the products at the correct storage temperature, well hydrated, preserving the organoleptic characteristics and finally their commercial value.

Hoshizaki ice makers in the Granular Ice range can be easily converted from Flake ice to Nugget ice production, contrary to all other granular ice makers on the market. Thanks to the "Auger System" used by Hoshizaki, the water introduced into the freezing cylinder is transformed 100% into ice, without waste.



- ❶ The auger rotation is assured by long-lasting, self-lubricating carbon fiber bushings, which are replaced effortlessly upon a given number of working hours, during ordinary maintenance.
- ❷ Our tempered steel, endless-screw design, auger system is very robust, for added durability. It pushed the forming ice flakes through the extrusion head (which in turn compresses the ice granules to the desired level of hardness and humidity), ensuring longer machine life and reduced maintenance costs.
- ❸ At the end of the ice freezing process, the cutter (a rotating set of blades), different according the desired result, size the granules of ice into Flake, Nugget or Cubelet.

TYPE OF ICE	ICE	RESIDUAL WATER
Flake ICE	70%	30%
Nugget	88%	12%
Cubelet	90%	10%





FM Range

Ecological ice makers for Flake and Nugget ice with built-in and separate container



NATURAL
REFRIGERANTS



FM-80 KE-HC / FM-80 KE-HCN* with built-in container

Net dimensions (mm)	640 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	26 - Flake 32 - Nugget
Crated dimensions (mm)	746 x 706 x 887
Crated Volume (m ³)	0,47
Refrigerant	R290



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-80 KE-HC	Flake	Air	85	75	220-240/50/1	270	65/75	
FM-80 KE-HCN	Nugget	Air	75	65	220-240/50/1	270	65/75	

FM-120 KE-HC / FM-120 KE-HCN* with built-in container

Net dimensions (mm)	640 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	26 - Flake 32 - Nugget
Crated dimensions (mm)	746 x 706 x 887
Crated Volume (m ³)	0,47
Refrigerant	R290



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-120 KE-HC	Flake	Air	125	105	220-240/50/1	355	66/76	
FM-120 KE-HCN	Nugget	Air	110	96	220-240/50/1	355	66/76	

FM-120 KE-50-HC / FM 120-KE-50-HCN with built-in container

Net dimensions (mm)	940 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	57 - Flake 65 - Nugget
Crated dimensions (mm)	1046 x 706 x 887
Crated Volume (m ³)	0,65
Refrigerant	R290



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-120 KE-50-HC	Flake	Air	125	105	220-240/50/1	355	76/88	
FM-120 KE-50-HCN	Nugget	Air	110	96	220-240/50/1	355	76/88	

FM-150 AKE-HC-SB FM 150 AKE-HCN-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B - 140 SA B - 210 SA B - 340 SA
Crated dimensions (mm) FM-150 AKE Storage Bin B - 301	665 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³)	
FM-150 AKE Storage Bin B - 140 SA	0,51 0,75
Crated weight (kg)	
B - 140 SA	49
Refrigerant	R290



FM-150 AKE HC / HCN
+ B - 140 SA
(sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-150 AKE-HC-SB	Flake	Air	150	125	220-240/50/1	405	63/70	
FM-150 AKE-HCN-SB	Nugget	Air	140	120	220-240/50/1	405	63/70	



FM-300 AKE HC / HCN on B-140 SA / B-210 SA / B-340 SA



FM Range

Ecological ice makers for Flake and Nugget ice with separate container



FM-300 AKE-HC--SB FM 300-AKE-HCN-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA B-340 SA
Crated dimensions (mm) FM-300 AKE Storage Bin B - 140 SA	655 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³) FM-300 AKE Storage Bin B - 140 SA	0,51 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R290



**FM-300 AKE - HC
+ B - 140 SA
(sold separately)**

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-300 AKE HC-SB	Flake	Air	300	250	220-240/50/1	900	81/88	
FM-300 AKE HC-N-SB	Nugget	Air	250	210	220-240/50/1	960	81/88	



FM-300 AKE-HC-SB
on B-140 SA / B-210 SA / B-340 SA

FM-480 AKE-HC-SB FM 480-AKE-HCN-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA B-340 SA
Crated dimensions (mm) FM-480 AKE Storage Bin B - 140 SA	655 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³) FM-480 AKE Storage Bin B - 140 SA	0,51 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R290



**FM-480 AKE - HC
+ B - 140 SA
(sold separately)**

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-480 AKE-HC-SB	Flake	Air	450	400	220-240/50/1	1100	92/99	
FM-480 AKE-HCN-SB	Nugget	Air	380	330	220-240/50/1	1170	92/99	

SB: lower base in stainless steel.



FM-480 AKE-HC-SB
on B-140 SA / B-210 SA / B-340 SA



FM Range

Ice makers for Flake and Nugget ice with built-in container and separate container



FM-80 KE / FM-80 KE-N with built-in container

Net dimensions (mm)	640 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	26 - Flake 32 - Nugget
Crated dimensions (mm)	746 x 706 x 887
Crated Volume (m ³)	0,47
Refrigerant	R134a - F-gas CO ₂ eq: 215 kg



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-80 KE	Flake	Air	85	75	220-240/50/1	300	65/75	
FM-80 KE-N	Nugget	Air	65	55	220-240/50/1	300	65/75	

FM-120 KE with built-in container

Net dimensions (mm)	640 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	26 - Flake
Crated dimensions (mm)	746 x 706 x 887
Crated Volume (m ³)	0,47
Refrigerant	R134a - F-gas CO ₂ eq: 315 kg



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-120 KE (G60)	Flake	Air	145	120	230/60/1	TBA	TBA	

FM-150 KE / FM-150 KE-N CM-140 KE with built-in container

Net dimensions (mm)	640 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	26 - Flake 32 - Nugget 32 - Cubelet
Crated dimensions (mm)	746 x 706 x 887
Crated Volume (m ³)	0,47
Refrigerant	R134a - F-gas CO ₂ eq: 315 kg



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-150 KE	Flake	Air	150	130	220-240/50/1	640	71/82	

For the 1/230 / 60Hz version order FM-120KE for € 4,749.00

FM-150 KE-N	Nugget	Air	140	120	220-240/50/1	640	71/82	
CM-140 KE	Cubelet	Air	140	115	220-240/50/1	640	71/82	

FM-150 KE-50 / FM-150 KE-50-N with built-in container

Net dimensions (mm)	940 x 600 x 800 (legs 89 mm)
Ice Storage capacity up to (kg)	57 - Flake 65 - Nugget
Crated dimensions (mm)	1046 x 706 x 887
Crated Volume (m ³)	0,65
Refrigerant	R134a - F-gas CO ₂ eq: 315 kg



Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-150 KE-50	Flake	Air	150	130	220-240/50/1	640	81/94	

FM-150 KE-50-N	Nugget	Air	140	120	220-240/50/1	640	81/94	
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FM-300 AKE / FM-300 AKE-N-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK 8 D) B-340 SA (1xTK 8 D, 1xTK 18D)
Crated dimensions (mm) FM-300 AKE Storage Bin B-140 SA	655 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³) FM-300 AKE Storage Bin B-140 SA	0,51 0,75
Crated weight (kg) B-140 SA	49
Refrigerant	R404A CO ₂ eq: 1803 kg



FM-300 AKE + B-140 SA (sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-300 AKE-SB	Flake	Air	320	260	220-240/50/1	1000	80/87	
FM-300 AKE-SB (G60)	Flake	Air	270	200	230/60/1	1180	80/87	
FM-300 AKE-N-SB	Nugget	Air	270	225	220-240/50H/1	1000	80/87	



FM-300 AKE on B-140 SA / B-210 SA / B-340 SA



FM Range

Ice makers for Flake and Nugget ice with separate container

FM-480 AKE / FM-480 AKE-N-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK8D) B-340 SA (1xTK 8 D, 1xTK 18D)
Crated dimensions (mm) FM-480 AKE Storage Bin B-301 SA	655 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³) FM-480 AKE Storage Bin B-140 SA	0,51 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R404A CO ₂ eq: 2352 kg



FM-480 AKE
+ B - 140 SA
(sold separately)



FM-480 AKE on B-140 SA / B-210 SA / B-340 SA

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-480 AKE-SB	Flake	Air	500	425	220-240/50/1	1650	95/102	
FM-480 AKE-N-SB	Nugget	Air	430	360	220-240/50/1	1650	95/102	
FM-480 AWKE-SB	Flake	Water	420	380	220-240/50/1	1385	95/102	
FM-480 AWKE-N-SB	Nugget	Water	380	350	220-240/50/1	1450	95/102	
FM-480 AKE (G60)	Flake	Air	430	330	230/60/1	IVD	TBA	
FM-480 AKE-N (G60)	Nugget	Air	370	280	230/60/1	1590	95/102	

ALGE units need a remote condenser

FM-481 ALGE-SB	Flake	-	500	425	220-240/50/1	475	76/97	
FM-481 ALGE-N-SB	Nugget	-	430	360	220-240/50/1	475	76/97	

SB = Lower plate in stainless steel

FM-600 AKE / FM-600 AKE-N-SB with separate container

Net dimensions (mm)	560 x 700 x 780
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK8D) B-340 SA (1xTK 8 D, 1xTK 18D)
Crated dimensions (mm) FM-600 AKE Storage Bin B-140 SA	655 x 820 x 950 940 x 760 x 1190
Crated Volume (m ³) FM-600 AKE Storage Bin B-140 SA	0,51 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R404A CO ₂ eq: 5096 kg



FM-600 AKE
+ B - 140 SA
(sold separately)



FM-600 AKE on B-140 SA / B-210 SA / B-340 SA

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-600 AKE-SB	Flake	Air	600	540	220-240/50/1	1900	107/114	
FM-600 AKE-N-SB	Nugget	Air	530	460	220-240/50/1	1950	107/114	
FM-600 AWKE-SB	Flake	Water	600	560	220-240/50/1	1705	107/114	
FM-600 AWKE-N-SB	Nugget	Water	490	460	220-230/60/1	1760	107/114	
FM-600 AKE (G60)	Flake	Air	540	445	230/60/1	1900	107/114	
FM-600 AWKE-N (G60)	Nugget	Water	490	460	230/60/1	1760	107/114	
FM-600 AKE-SB (G60)	Flake	Air	540	445	230V/60Hz/1	1900	107/114	
FM-600 AKE-N-SB (G60)	Nugget	Air	460	400	230V/60Hz/1	1950	107/114	

SB = Lower plate in stainless steel

FM-750 AKE / FM-750 AKE-N with separate container

Net dimensions (mm)	762 x 700 x 780
Corresponding Bins (+possible top kits)	B-210 SA B-340 SA (1xTK8D)
Crated dimensions (mm) FM-750 AKE Storage Bin B-210 SA	873 x 820 x 947 940 x 900 x 1190
Crated Volume (m ³) FM-750 AKE Storage Bin B-210 SA	0,68 1,0
Crated weight (kg) B - 210 SA	57
Refrigerant	R404A CO ₂ eq: 4508 kg



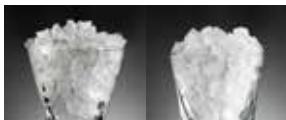
FM-750 AKE
+ B - 210 SA
(sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-750 AKE-SB	Flake	Air	750	650	220-24/50/1	1880	133/143	

FM-750 AKE-N-SB	Nugget	Air	590	500	220-240/50/1	2010	133/143	
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FM-750 AKE on B-210 SA / B-340 SA



FM Range

Ice makers for Flake and Nugget ice with separate container

FM-1000 AKE / FM-1000 AKE-N-SB with separate container

Net dimensions (mm)	762 x 700 x 780
Corresponding Bins (+possible top kits)	B-210 SA B-340 SA (1xTK-18D)
Crated dimensions (mm) FM-1000 AKE Storage Bin B-210 SA	873 x 820 x 947 940 x 900 x 1190
Crated Volume (m ³) FM-1000 AKE Storage Bin B-210 SA	0,68 1,0
Crated weight (kg) B-210 SA	57
Refrigerant	R404A CO ₂ eq: 5292 kg



FM-1000 AKE
+ B-210 SA
(sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-1000 AKE-SB	Flake	Air	1030	890	220-240/50/1	2490	146/156	

FM-1000 AKE-N-SB	Nugget	Air	860	730	220-240/50/1	2550	146/156	
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FM-1000 AKE on B-210 SA / B-340 SA

FM-1200 ALKE / FM-1200 ALKE-N with separate container

Net dimensions (mm)	762 x 700 x 780
Corresponding Bins (+possible top kits)	B-210 SA B-340 SA (1xTK 18D)
Crated dimensions (mm) FM-1200 ALKE Storage Bin B-210 SA	873 x 820 x 947 940 x 900 x 1190
Crated Volume (m ³) FM-1200 ALKE Storage Bin B-210 SA	0,68 1,0
Crated weight (kg) B-210 SA	57
Refrigerant	R404A CO ₂ eq: 118 kg

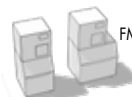


FM-1200 ALKE
+ B-210 SA
(sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-1200 ALKE-SB	Flake	Air	1200	1040	220-240/50/1	470	98/108	

FM-1200 ALKE-N-SB	Nugget	Air	1060	920	220-240/50/1	515	98/108	
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Requires Remote Refrigeration Unit (not supplied)



FM-1200 ALKE on B-210 SA / B-340 SA

FM-1800 ALKE / FM-1800 ALKE-N with separate container

Dimensions (mm)	1080 x 700 x 780
Corresponding Bins (+possible top kits)	B-340 SA (1xTK1800)
Size with packaging (mm) FM-1800 ALKE Storage Bin B-340 SA	1191 x 820 x 947 1360 x 940 x 1190
Volume (m ³) FM-1800 ALKE Storage Bin B-340 SA	0,92 1,5
Weight with package (kg) B-340 SA	86
Refrigerant	R404A CO ₂ eq: 118 kg



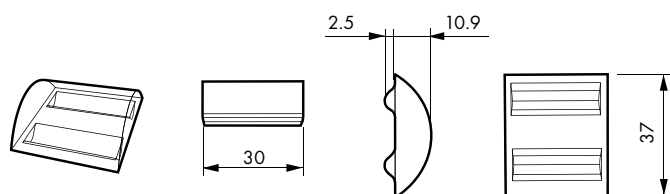
FM-1800 ALKE
+ B-340 SA
(sold separately)

Model	Ice type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
FM-1800 ALKE-SB	Flake	Air	1800	1560	220-240/50/1	710	140/155	

FM-1800 ALKE-N-SB	Nugget	Air	1590	1380	220-240/50/1	770	140/155	
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Requires Remote Refrigeration Unit (not supplied)

Crescent Ice: exclusive form of ice for record-breaking performance!



Hoshizaki's Crescent cube is crystal clear, shiny, rock-hard due to its high density, with a reduced heat exchanging surface area as it has no inner cavity. Formed and collected individually, it beats any competing ice forms in terms of slow-melting rate. It distributes evenly in the ice storage bin, resulting in a greater reserve of available ice. Last but not least, it also has one of the highest liquid displacement factors (replaces a high percentage of liquid within the glass): in other words, it is highly profitable!



EverCheck™ Control Board with audible alarm and diagnostic features, designed to assist service technicians in diagnosing problems. The majority of all service and maintenance can be accom-

plished from the front of unit. These controls are also located in a dry environment, greatly improving electrical component reliability.

Benefits:

- Consistent ice formation under all ambient conditions.
- Protection from water loss, or filter restriction.
- Eliminates mechanical moving parts: less down time, fewer repairs, longer life.



Hoshizaki's CycleSaver® technology allows Hoshizaki's KM machines to produce a given amount of ice in about half the production cycles when compared to same capacity competition ice makers.



An air filtration system, keeping the condenser clean, guarantees the maximum ice production, prolongs the life span of the machine and at the same time reduces the electrical consumption.

The removable air filter allows users to take care of this easy maintenance operation. The need for intervention by external technicians is minimized, as well as the total cost of life of the equipment.

The Crescent cube by Hoshizaki is the industry news when it comes to versatile ice. Its characteristics of total transparency, high density, rounded shape with reduced heat exchange surface, make it an ideal solution for a wide variety of applications.

The Crescent ice is formed by Hoshizaki's patented KM evaporator, now in its improved, more efficient "Edge" configuration.

This is the only evaporator in the world manufactured in stainless steel; its design favors a high speed transit of water across its surface, with a minimal contact time, preventing minerals from freezing alongside with water molecules during the freezing cycle. Virtually indestructible, this stainless-steel evaporator is unaffected by the use of corroding acids used in periodic descaling. The new configuration (Edge) considerably improves its thermal efficiency, thanks to the greater contact surface between the evaporator double-sided ice forming surface and the copper refrigerant tubing that are soldered right in between them.

Two-sided production surface (Double).

During refilling phase, at the end of each freezing cycle, water is channeled between the two evaporator surfaces, by then at sub-freezing temperatures; due to its warm temperature, incoming water automatically jump-starts the harvest cycle, reducing the need for the reversal of the compressor cycle, the standard way to detach ice cubes from the evaporator surfaces, thus generating great energy savings.

Furthermore, warm incoming and ice-harvesting water, having been pre-cooled by the contact with the cold evaporator surfaces, is preserved and used for the next ice-freezing cycle. The machine production cycle gets a free boost, having to use no energy in the process. **A true double benefit!**

The KM evaporator is mounted laterally, allowing easy access to the machine technical area for maintenance operations.

Hoshizaki's Crescent cube is crystal clear, shiny, rock-hard due to its high density, with a reduced heat exchanging surface area as it has no inner cavity. Formed and collected individually, it beats any competing ice forms in terms of slow-melting rate.

It distributes evenly in the ice storage bin, resulting in a greater reserve of available ice.

Last but not least, it also has one of the highest liquid displacement factors (replaces a high percentage of liquid within the glass): in other words, **it is highly profitable!**

Crescent ice is unsurpassed when used to chill bottles in wine buckets, where it is used without the need to add water. It is the ideal ice for high volume restaurants where quality and speed of service are sought for to make a real difference in the Customer experience.





KM Range

Ice makers for Crescent
cube ice with built-in
container




KM - 40 B with built-in container

Net dimensions (mm) 452 x 617 x 842

Ice Storage capacity
up to (kg) 16

Crated dimensions
(mm) 535 x 705 x 955

Crated Volume (m³) 0,36

Refrigerant R134a-F-gas 
CO₂ eq: 200 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-40 B	Crescent	Air	43	41	220-240/50/1	278	40 / 58	


KM - 55 B with built-in container

Net dimensions (mm) 605 x 617 x 842

Ice Storage capacity
up to (kg) 23

Crated dimensions
(mm) 690 x 705 x 955

Crated Volume (m³) 0,46

Refrigerant R134a-F-gas 
CO₂ eq: 800 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-55 B	Crescent	Air	53	50	220-240/50/1	288	46/58	


KM - 80 B with built-in container

Net dimensions (mm) 605 x 719 x 842

Ice Storage capacity
up to (kg) 40

Crated dimensions
(mm) 690 x 805 x 955

Crated Volume (m³) 0,53

Refrigerant R134a-F-gas 
CO₂ eq: 343 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-80 B	Crescent	Air	79	74	220-240/50/1	449	51/82	

KM - 115 B with built-in container

Net dimensions (mm) 612 x 712 x 992
(legs - 152 mm)

Ice Storage
capacity
up to (kg) 45

Crated dimensions
(mm) 695 x 800 x 955

Crated Volume (m³) 0,53

Refrigerant **R404A**
CO₂ eq: 1020 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-115 B	Crescent	Air	112	105	220-240/50/1	598	62/82	

KM - 140 B with built-in container

Net dimensions (mm) 762 x 712 x 992
(legs - 152 mm)

Ice Storage
capacity
up to (kg) 55

Crated dimensions
(mm) 845 x 800 x 955

Crated Volume (m³) 0,65

Refrigerant **R404A**
CO₂ eq: 1333 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-140 B	Crescent	Air	138	126	220-240/50/1	632	70/92	

Legs M-20: set 4 legs € 58,00

Note: 60 Hz voltages are available on request, in USD



GAMMA KM

Ecological ice makers for Crescent cube ice with separate container

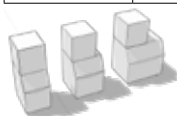


KMD-210 AB - HC with separate container

Net dimensions (mm)	560 x 625 x 610
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK 8 D) B-340 SA (1xTK 8D, 1xTK 18D) Dispenser Lancer
Crated dimensions (mm) - KMD-201 AA B-140 SA	668 x 727 x 793 940 x 760 x 1190
Crated Volume m ³ KMD-201 AA B-140 SA	0,39 0,75
Crated weight (kg) B 140 SA	49
Refrigerante	R290



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KMD-210 AB - HC	Crescent	Aria	IVD	IVD	220-240/50/1	IVD	IVD	TBA



KMD-210 AB-HC on B-140 SA / B-210 SA / B-340 SA

**KMD-210 AB - HC
+ B - 140 SA
(sold separately)**



GAMMA KM

Fabbricatori di ghiaccio in cubetti Crescent con contenitore separato



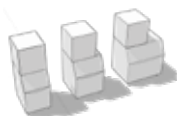
KMD-201 AA with separate container

Net dimensions (mm)	560 x 625 x 610
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK 8 D) B-340 SA (1xTK 8D, 1xTK 18D)
Crated dimensions (mm) KMD-201 Storage Bin B - 301 SA	668 x 727 x 793 940 x 760 x 1190
Crated Volume (m ³) KMD-201 Storage Bin B - 210 SA	0,39 0,75
Crated weight (kg) B - 140 SA	49
Refrigerant	R404A CO₂ eq: 2038



**KMD-201 AA
+ B - 140 SA
(sold separately)**

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KMD-201 AA	Crescent	Air	190	167	220-240/50/1	700	57/73	
KMD-201 AWA	Crescent	Water	190	170	220-240/50/1	589	58/74	



KMD-201 AA on B-140 SA / B-210 SA / B-340 SA



KM Range

Ice makers for Crescent cube ice with separate container

KMD-270 AA con contenitore separato

Net dims. (mm)	560 x 625 x 610
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (1xTK D) B-340 SA (1xTK 8D, 1xTK 18D) Dispenser Lancer
Crated dims. (mm)	
KMD-270	668 x 727 x 793
Storage Bin B - 140 SA	940 x 760 x 1190
Crated Volume (m ³)	
KMD-270	0,39
Storage Bin B - 140 SA	0,75
Crated weight (kg)	
B - 140 SA	49
Refrigerant	R404A CO₂ eq: 3058 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KMD-270 AA	Crescent	Air	265	248	220-240/50/1	1030	57/73	
KMD-270 AWA	Crescent	Water	265	247	220-240/50/1	917	59/74	



KMD-270 AA on B-140 SA / B-210 SA / B-340 SA

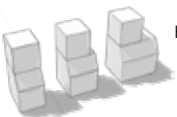
KMD-270 AA
+ B - 140 SA
(sold separately)

KM-520 MAJ-E with separate container

Net dims. (mm)	560 x 695 x 770
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (TK 8 D) B-340 SA (2xTK 8D, 1xTK 18D) Dispenser Lancer
Crated dims. (mm)	
KMD-515 MAJ-E	846 x 652 x 875
Storage Bin B - 140 SA	940 x 760 x 1190
Crated Volume (m ³)	
KMD-515 MAJ-E	0,49
Storage Bin B - 140 SA	0,75
Crated weight (kg)	
B - 140 SA	49
Refrigerant	R404A CO₂ eq: 1961 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-520 MAJ-E	Crescent	Air	243	228	220-240/50/1	TBA	TBA	



KM-520 MAJ-E on B-140 SA / B-210 SA / B-340 SA

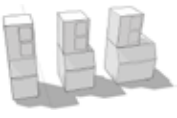
KM-520 MAJ-E
+ B - 140 SA
(sold separately)

KM-660 MAJ-E with separate container

Net dims. (mm)	560 x 695 x 770
Corresponding Bins (+possible top kits)	B-140 SA B-210 SA (TK 8 D) B-340 SA (1xTK 8 D, 1xTK 18D) Dispenser Lancer
Crated dims. (mm)	
KMD-660 MAJ-E	846 x 652 x 829
Storage Bin B - 140 SA	940 x 760 x 1190
Crated Volume (m ³)	
KMD-660 MAJ-E	0,49
Storage Bin B - 140 SA	0,75
Crated weight (kg)	
B - 140 SA	49
Refrigerant	R404A CO₂ eq: 1712 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-660 MAJ-E	Crescent	Air	293	275	220-240/50/1	TBA	TBA	



KM-660 MAJ-E on B-140 SA / B-210 SA / B-340 SA

KM-660 MAJ-E
+ B - 140 SA
(sold separately)

KM-1301 SAJ-E with separate container

Net dimensions (mm)	1219 x 695 x 695
Corresponding Bins	B-340 SA (Dispenser Lancer)
Crated dimensions (mm)	
KMD-1301 SAJ-E	1312 x 845 x 829
Storage Bin B - 340 SA	1360 x 940 x 1190
Crated Volume (m ³)	
KMD-1301 SAJ-E	0,91
Storage Bin B - 340 SA	1,5
Crated weight (kg)	
B - 340 SA	86
Refrigerant	R404A CO₂ eq: 7452 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
KM-1301 SAJ-E	Crescent	Air	624	TBA	220-240/50/1	1900	136/154	

KM-1301 SAJ-E
+ B - 340 SA
(sold separately)



DCM Range

Ecological ice and water dispensers



DCM-60 KE - HC (P)

Net Dimensions (mm)	350 x 585 x 695 (max 710 mm)
Ice Storage capacity up to (kg)	1.9
Available with:	Leva Pulsante (modello P)
Crated dimensions (mm)	440 x 655 x 906
Crated Volume (m ³)	0,26
Refrigerant	R290



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DCM-60 KE-HC	Cubelet +Water	Air	60	50	220-240/50/1	280	47/56	
DCM-60 KE HC-P	Cubelet +Water	Air	60	50	220-230/50/1	280	47/56	

DCM-60 KE P - modello con Pulsante, su richiesta

DCM-120 KE (P) - HC

Net Dimensions (mm)	350 x 585 x 815 (max 830 mm)
Ice Storage capacity up to (kg)	4
Available with:	Lever Push button (Model P)
Crated dimensions (mm)	440 x 655 x 1026
Crated Volume (m ³)	0,30
Refrigerant	R290



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DCM-120 KE-HC	Cubelet +Water	Air	125	105	220-240/50/1	400	55/64	
DCM-120 KE- P-HC	Cubelet +Water	Air	125	105	220-230/50/1	400	55/64	

DCM-120 KE P - model with push button (on request)



DIM Range

Large Cube ice dispenser



DIM-30 DE-2

Net dimensions (mm)	350 x 526 x 1590 (legs + 90 mm)
Ice Storage capacity up to (kg)	15
Crated dimensions (mm)	450 x 670 x 1763
Crated Volume (m ³)	0,53
Refrigerant	R134a-F-gas CO ₂ eq: 272 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DIM-30 DE-2	Large cube	Air	40	36	220-240/50/1	320	65/71	



DCM-DSM Range



Cubelet ice and water dispenser Shuttle ice



Cubelet ice

DCM-60 KE (P)

Net Dimensions (mm)	350 x 585 x 695 (max 710 mm)
Ice Storage capacity	1,9
Available with:	Lever Push button (Model P)
Crated dimensions (mm)	440 x 655 x 906
Crated Volume (m ³)	0,26
Refrigerant	R134a-F-gas CO ₂ eq: 300 kg



DCM-60 KE P - model with push button (on request)

Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DCM-60 KE (EU)	Cubelet +Water	Air	60	50	220-240/50/1	280	47/56	
DCM-60 KE -P (EU)	Cubelet +Water	Air	60	50	220-230/50/1	280	47/56	
DCM-60 KE (G60)	Cubelet +Water	Air	60	50	230V/60Hz/1	280	47/56	
DCM-60 KE-P (G60)	Cubelet +Water	Air	60	50	230V/60Hz/1	280	47/56	



Cubelet ice

DCM-120 KE (P)

Net Dimensions (mm)	350 x 585 x 695 (max 710 mm)
Ice Storage capacity up to (kg)	4
Available with:	Lever Push button (Model P)
Crated dimensions (mm)	440 x 655 x 906
Crated Volume (m ³)	0,26
Refrigerant	R134a-F-gas CO ₂ eq: 300 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DCM-120 KE	Cubelet +Water	Air	125	105	220-240/50/1	280	47/56	
DCM-120 KE P	Cubelet +Water	Air	125	105	220-230/50/1	280	47/56	

DCM-120 KE P - model with push button (on request)



Cubelet ice

DCM-230 HE

Net dimensions (mm)	660 x 571 x 1016
Ice Storage capacity up to (kg)	18
Crated dimensions (mm)	-
Crated Volume (m ³)	-
Refrigerant	R404A CO ₂ eq: 2078 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DCM-230 HE	Cubelet +Water	Air	230	180	230/50/1	815	108/120	



Shuttle cube Ø 45 mm

DSM-12 DE

Net dimensions (mm)	180 x 527 x 695
Ice Storage capacity up to (kg)	3
Crated dimensions (mm)	224 x 620 x 748
Crated Volume (m ³)	0,13
Refrigerant	R134a-F-gas CO ₂ eq: 114 kg



Model	Ice cube type	Condenser	Production up to kg (24h) air 10°C / water 10°C	Production up to kg (24h) air 21°C / water 15°C	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
DSM-12 DE	Shuttle 3 g	Air	13	11	220-240/50/1	200	26/28	

Ice storage bins



Ice Storages with ABS door

Model	Ice storage capacity up to (kg)	Dimensions W x D x H (mm)	Crated dimensions W x D x H (mm)	Net weight / gross (kg)	Crated Volume (m ³)	Euro
B-140 SA	140	560 x 820 x 1016 (+ 90 legs)	940 x 760 x 1190	37 / 49	0,75	
B-210 SA	210	781 x 820 x 1016 (+90 legs)	940 x 900 x 1190	47 / 57	1,0	
B-340 SA	340	1220 x 820 x 1016 (+90 legs)	1360 x 940 x 1190	64 / 86	1,5	



Ice Storages with steel door

Model	Ice storage capacity up to (kg)	Dimensions W x D x H (mm)	Crated dimensions W x D x H (mm)	Net weight / gross (kg)	Crated Volume (m ³)	Euro
F-300 - 22	137	559 x 801 x 1067 (legs included)	680 x 820 x 1020	- / 58	0,7	
F-425 - 30	197	762 x 801 x 1041 (legs included)	900 x 840 x 1040	- / 74	0,80	
F-600 - 42 S	258	1087 x 686 x 1019 (legs included)	1200 x 900 x 1000	- / 70	1,1	
F-650 - 44 S	296	1118 x 801 x 1016 (legs included)	1200 x 900 x 1020	- / 80	1,1	
F-950 - 48 S	429	1220 x 801 x 1270 (legs included)	1400 x 900 x 1280	- / 96	1,6	
F-1025 - 52 S	464	1320 x 800 x 1270 (legs included)	1400 x 900 x 1280	- / 112	1,6	



Ice Storage with Dispensing and Semi-Automatic Bagging System

Model	Ice storage capacity up to (kg)	Dimensions W x D x H (mm)	Crated dimensions W x D x H (mm)	Net weight / gross (kg)	Crated Volume (m ³)	Euro
DB-650 SA	295	857 x 1226 x 1689	870 x 1230 x 1700	200 / 204	1,821	
DB-1000 SA	454	1321 x 1156 x 1823	1321 x 1676 x 1854	320 / 360	4,1	

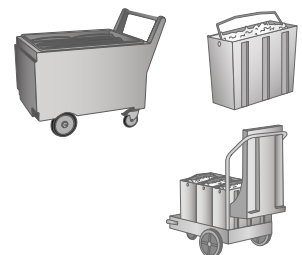
NOTE: in order to allow the best operation of the portioning and bagging system of the two DB models, in case of use with IM cubes it is recommended not to exceed the size of the SMALL size, from 25 x 25 x 23 mm.



Ice storages and transport systems

ITS ice storage and transport systems

Model	Ice storage capacity up to (kg)	Dimensions W x D x H (mm)	Crated dimensions W x D x H (mm)	Net weight / gross (kg)	Crated Volume (m ³)	Euro
ITS-100-31	46 (+109 cart)	788 x 1016 x 1180	1320 x 910 x 1420	70 / 110	1,7	
ITS-500-31	227 (+109 cart)	788 x 1016 x 1524 LQ Base - 1320 x 910 x 1200	1320 x 910 x 750	- / 75+91	0,9+1,4	
ITS-600-31	273 (+109 cart)	788 x 1016 x 1702 LQ Base - 1320 x 910 x 1200	1320 x 910 x 890	- / 85+91	1,1+1,4	
ITS-700-31	320 (+109 cart)	788 x 1016 x 1905 LQ Base - 1320 x 910 x 1200	1320 x 910 x 1100	- / 96+91	1,3+1,4	
ITS-1350-60	612 (+109+109 2 carts)	1524 x 1219 x 1900 LQ Base - 1640 x 1320 x 1200	1640 x 1320 x 1070	- / 210+180	2,3+2,6	
ITS-2250 SG-60	1494 (+109+109 2 carts)	2236 x 1219 x 2460 1640 x 1320 x 1200	1700 x 1320 x 1800	- / 240+180	4,0+2,6	
Smart Cart 240 / ITS Cart	109	610 x 1054 x 908	TBA	- / 32	IVD	
Ice buckets for ITS (set of six)	12 kg each bucket	181 x 423 x 381	TBA	- / 16 (6 totes)	IVD	



Ice storages and transport systems DEV SG

Model	Ice storage capacity up to (kg)	Dimensions W x D x H (mm)	Crated dimensions W x D x H (mm)	Net weight / gross (kg)	Crated Volume (m ³)	Euro
DEV-500 SG-30-75	209	762 x 788 x 1575	1320 x 910 x 1100 LQ 30 - 900 x 840 x 770	125 / 100+60	1,3+0,58	
DEV-700 SG-30-75	308	762 x 788 x 1969	1118 x 914 x 1473 LQ 30 - 914 x 864 x 787	131 / 177	1,5+0,62	
SG-500-30	209	762 x 788 x 1093	900 x 840 x 1100	- / 80	2,12	
SG-700-30	308	1118 x 889 x 1524	1067 x 1651 x 1168	110 / 130	2,06	



Saf-T-Scoop & Guardian System



	Euro
Complete system Scoop Guardian™ 35-45 cl composed by (1) Saf-T-Scoop®, (1) Guardian holder with removable drainage cap, (1) set mounting tools	
Saf-T-Scoop® 35-45 cl (scoop only)	
Complete system Scoop Guardian™ 60-70 cl composed by (1) Saf-T-Scoop®, (1) Guardian holder with removable drainage cap, (1) set mounting tools	
Saf-T-Scoop® 60-70 cl (scoop only)	



Kit for matching ice makers and storage containers

Some combinations of container / ice maker may require a Cover Kit. Please check the following table for possible combinations. If you wish to combine one of our containers with other branded ice containers, consult us to see if it is possible to use other Cover Kits.

Top Kits		
TK4DM	TK 18 D	TK 1800
TK4DR	TK 4 DM	Divider for B-340 SA
TK 8 D	TK IMD2	

Kit for matching ice makers and ice storage bins				
Quantity	Ice maker model	B-140 SA	B-210 SA	B-340 SA
	IM-130A/-HC	-	TK 8 D	TK 8 D + TK 18 D
	IM-240D	n.a.	n.a.	TK IMD2
	IM-240A/-HC	-	TK 8 D	TK 8 D + TK 18 D
	KM-520/660	-	TK 8 D	TK 8 D + TK 18 D
	KM-1301	n.a.	n.a.	-
	KMD-201	-	TK 8 D	TK 8 D + TK 18 D
	KMD-270	-	TK 8 D	TK 8 D + TK 18 D
	FM-150	-	TK 8 D	TK 8 D + TK 18 D
	FM-300/-HC	-	TK 8 D	TK 8 D + TK 18 D
	FM-480/-HC	-	TK 8 D	TK 8 D + TK 18 D
	FM-600	-	TK 8 D	TK 8 D + TK 18 D
	FM-750	n.a.	-	TK 18 D
	FM-1000	n.a.	-	TK 18 D
	FM-1200	n.a.	-	TK 18 D
	FM-1800	n.a.	n.a.	TK 1800
2x	IM-240A	n.a.	n.a.	TK 4 DM
2x	KM-520/660	n.a.	n.a.	TK 4 DM
2x	KMD-201	n.a.	n.a.	TK 4 DM + TK 4 DR
2x	KMD-270	n.a.	n.a.	TK 4 DM + TK 4 DR
2x	FM-150	n.a.	n.a.	TK 4 DM
2x	FM-300	n.a.	n.a.	TK 4 DM
2x	FM-480	n.a.	n.a.	TK 4 DM
2x	FM-600	n.a.	n.a.	TK 4 DM

- = Perfect combination - matching between ice maker and bin, no top kit required
n.a. = Combination of ice maker and bin is not possible

Ice Crusher and Water treatment systems

Ice Crusher IR-360

Net dimensions (mm)	240 x 430 x 490
Ice Storage capacity up to (kg)	3,5
Crated dimensions (mm)	480 x 560 x 720
Crated Volume (m ³)	0,19



Crushing capacity (kg/min)	Electrical specs V/Hz/Ph	Power rating (W)	Net weight / gross (kg)	Euro
6	220-240/50/1	200	21/28	

Water treatment systems

WATER TREATMENT SYSTEMS

MODELS OF ICE MAKERS TO COMBINE

MEMBRANE AND ACTIVE CARBON SYSTEMS, HOSHIZAKI UNIVERSAL HEAD (CONNECTION)

Reference / Type	Name	Capacity	Euro	IM Range	KM Range	FM Range	DCM Range
Complete kit for first installation	KIT HC SINGLE	45.000 liters		IM 21 - 30 - 45 - 65 - 100	KM 35 - 50 - 75	FM 80 - 150	DCM 60 - 120
Complete kit for first installation	KIT HC TWIN	90.000 liters		IM 130 - 240	KM - 201 - 270	FM 300 - 480	DCM 230
Complete kit for first installation	KIT HC TRIPLE	130.000 liters		IM 1480 - 720	KM 1301	FM 600 - 750	-

MEMBRANE SYSTEMS (3 micron), WITHOUT ACTIVE CARBONES, HOSHIZAKI UNIVERSAL HEAD (CONNECTION)

Complete kit for first installation	KIT CFS9110H-S - NCA SINGLE	37.000 liters		IM 21 - 30 - 45 - 65 - 100; DIM 30	KM 40-55-80-115-140	FM 80 - 150	DCM 60 - 120
Complete kit for first installation	KIT CFS9110H-S - NCA TWIN	80.000 liters		IM 130, IM 240 x 1	KMD 201-270-525-660	FM 300 - 480	DCM 230
Complete kit for first installation	KIT CFS9110H-S - NCA TRIPLE	120.000 liters		IM 240 x 2; IM 240 x 3	KM 1301	FM 600 - 750	-

MEMBRANE SYSTEMS (2 microns), WITHOUT ACTIVE CARBONS

Complete kit for first installation	KIT HF60-S-S - NCA SINGLE	132.000 liters		ALL	ALL	ALL	ALL
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The first installation kit includes: Body or Head, Cartridge (s), Fittings and Piping.



REPLACEMENT CARTRIDGE

MEMBRANE AND CARBON SYSTEMS ACTIVE, UNIVERSAL HOSHIZAKI HEAD

		Euro
CART HC Single	45.000 liters	
CART HC Twin	90.000 liters	
CART HC Triple	130.000 liters	

MEMBRANE AND CARBON SYSTEMS ACTIVE, UNIVERSAL HOSHIZAKI HEAD

1 pieze CART CFS9110H-S - NCA (Single)	37.000 liters	
2 pieces CART CFS9110H-S - NCA (Twin)	80.000 liters	
3 pz. CART CFS9110H-S - NCA (Triple)	120.000 liters	



MEMBRANE SYSTEMS (2 microns), WITHOUT ACTIVE CARBONS

1 pz. CART HF-60-S-S - NCA	132.000 liters	
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General conditions of delivery of Hoshizaki Europe B.V

Filed with the Chamber of Commerce in Amsterdam under file no. 33238845

Article 1. Definitions

- 1.1. In these general conditions, the terms below are defined as follows:

General Conditions of Delivery: The present general conditions of delivery of Hoshizaki Nederland B.V.

Hoshizaki: Hoshizaki Europe B.V., with its registered offices in Amsterdam, the Netherlands and its principal place of business in (1101 GC) Amsterdam, the Netherlands at Keienbergweg 50 C/D.

Products: Goods and services.

Agreement: The agreement concerning the sale of Products by Hoshizaki and the purchase of Products by the buyer.

Article 2. Applicability

- 2.1. The present general conditions of delivery of Hoshizaki ("General Conditions of Delivery") apply to and are an integral part of all quotations and offers of Hoshizaki Europe B.V. ("Hoshizaki"), of each acceptance, confirmation and validation by Hoshizaki of the orders placed by the buyer and of all agreements ("Agreements") concerning the sale by Hoshizaki and the purchase by the buyer of goods and services ("Products"), unless and in so far as otherwise is expressly agreed with Hoshizaki.
- 2.2. Any conditions and provisions that are stated in any document or any documents that the buyer issues before or after Hoshizaki issues any document in which the present General Conditions of Delivery are enunciated or the General Conditions of Delivery are referred to are herewith expressly rejected by Hoshizaki and set aside. The conditions and provisions concerned do not apply in their entirety to any sale made to the buyer by Hoshizaki and are in no way whatever binding on Hoshizaki.

Article 3. Offers/Agreements

- 3.1. All quotations and offers of Hoshizaki are free of obligations. A quotation or offer serves as an invitation issued to the buyer to place an order. An Agreement is concluded if Hoshizaki has accepted an order in writing or Hoshizaki has commenced to complete the order.
- 3.2. All statements of and/or listings about Products made by or on behalf of Hoshizaki are accurate to the best of Hoshizaki's knowledge, but may vary somewhat from being accurate within reasonable limits.
- 3.3. Changes made to an Agreement are binding on Hoshizaki only in so far as Hoshizaki accepts these changes in writing or in so far as Hoshizaki has actually begun implementing the changed Agreement.
- 3.4. Hoshizaki is entitled to refuse orders or to set certain conditions for the delivery of Products unless otherwise is expressly determined.

Article 4. Prices/Payments

- 4.1. Unless otherwise stated, the prices of Hoshizaki are given in euros. If prices are given in another currency, then any exchange rate changes occurring between the quotation and the delivery are charged on.
- 4.2. All prices exclude Value Added Tax, duties and any other comparable levies that are imposed in connection with the sale of Products, unless otherwise is expressly stated. Hoshizaki will increase the sales price with taxes, duties or comparable

levies if Hoshizaki is required to do so by law or has the opportunity to pay them or to collect them and the buyer shall pay the same together with the price.

- 4.3. All prices that are stated on price lists, in catalogues, quotations or other statements or listings of Hoshizaki are based on delivery in accordance with the applicable INCOTERMS.
- 4.4. Unless agreed otherwise in writing between Hoshizaki and the buyer, Hoshizaki can change the price of the delivered Products to the buyer after delivery of the Products in accordance with the applicable INCOTERMS.
- 4.5. Net payments should be paid within thirty (30) days after the invoice date, unless otherwise agreed in writing between Hoshizaki and the buyer.
- 4.6. All payments should be transferred to the stated address of Hoshizaki.
- 4.7. If deliveries are made in instalments, each instalment will be invoiced separately and this should be paid by the due date. No discount will be given for early payment, unless Hoshizaki consents to such a discount in writing.
- 4.8. In addition to all other legal rights and legal remedies that Hoshizaki might have, interest will be charged, as permitted by law, on all overdue payments at a rate of eighteen per cent (18%) annually or – if it is higher – at the legal interest from the date payment falls due to the date on which payment is made in full.
- 4.9. In addition to the amount due, increased by the interest charged in accordance with Article 4.8, the buyer should reimburse Hoshizaki for all costs that Hoshizaki incurs or suffers as a consequence of the non-payment or late payment on the part of the buyer, including all costs of judicial and extra-judicial measures that Hoshizaki must take against the buyer due to the buyer not fulfilling his payment obligations. The extra-judicial costs amount to at least 15% of the outstanding amount, increased by the aforementioned interest, with a minimum of EUR 150.00 and are payable on demand by virtue of the singular fact that the buyer has not fulfilled his payment obligation(s).
- 4.10. All deliveries of Products to which Hoshizaki has consented are always dependent on the ascertainment of the required credit rating of the buyer by Hoshizaki. If, in the opinion of Hoshizaki, the financial situation of the buyer is at any time such that it would not be sensible to start production or delivery of Products on the basis of the aforementioned payment conditions, then Hoshizaki can insist on full or partial payment in advance or insist on other payment conditions as a condition for delivery, and Hoshizaki can also proceed to suspend, postpone or terminate the extension of credit, delivery or any other action or operation performed by Hoshizaki in the context of the Agreement.
- 4.11. If the buyer fails to pay any costs or expenses owed, or is otherwise in default, then Hoshizaki has the right to refuse to carry out the Agreement and/or delivery of Products until the buyer has paid the amounts due in full and Hoshizaki can proceed to suspend, postpone or terminate the extension of credit, delivery or any other action or operation performed by Hoshizaki in the context of the Agreement. This right shall apply in addition to and not instead of any other rights and legal remedies which apply or which are available by

virtue of the Agreement or the law.

Article 5. Deliveries

- 5.1. Delivery of Products shall take place ex-works, (INCOTERMS, most recent version), unless:
- 5.1.1. the buyer is established in one of the following countries, in which case the delivery of Products shall take place Carriage and Insurance Paid To (CIP) (INCOTERMS, most recent version): the Netherlands, Belgium, Luxembourg, Great Britain, Ireland, France, Germany, Austria, Switzerland, Spain or Portugal; or
- 5.1.2. the parties agree otherwise in writing.
- 5.2. Hoshizaki is entitled to deliver Products in stages (partial deliveries).
- 5.3. The dates of delivery given or confirmed by Hoshizaki are only approximate dates and Hoshizaki cannot be held liable nor on the basis of this be considered to be in default in fulfilling its obligations towards the buyer if a delivery occurs within a reasonable period before or after the given date of delivery. Hoshizaki promises to do everything it can within commercially reasonable limits to comply with the delivery dates it has given or confirmed on the condition that the buyer provides all necessary order and delivery data within a reasonable period before the delivery date concerned.
- 5.4. The buyer should inform Hoshizaki in writing if the delivery has not taken place and should give Hoshizaki a period of thirty (30) days to rectify the delay. If Hoshizaki does not deliver within this period of thirty (30) days, then the buyer has the possibility, as the only and exclusive legal remedy, to dissolve the relevant parts of the Agreement not executed.
- 5.5. The ownership of the Products is transferred to the buyer in accordance with the provisions in Article 6. The risk of loss linked to the Products is transferred to the buyer on the delivery of the same by Hoshizaki in accordance with the applicable INCOTERMS.
- 5.6. If the buyer does not accept the Products ordered, then Hoshizaki can deliver the Products on consignment at the cost of the buyer. The buyer is required to reimburse the ensuing (storage) costs.

Article 6. Retention of Title

- 6.1. All Products delivered or to be delivered by Hoshizaki by virtue of the Agreement, as well as claims existing due to shortcomings in the compliance with Agreements, remain the property of Hoshizaki until the moment full payment is made of everything that the buyer owes to Hoshizaki by virtue of the Agreement concerned, including interests and costs.
- 6.2. The buyer is required to save items delivered under retention of title with all due care and as the recognizable property of Hoshizaki. In the case of the attachment of Products that are the property of Hoshizaki, the buyer is required to inform Hoshizaki of this attachment immediately and to point out immediately that the buyer received delivery of the goods under retention of title.
- 6.3. The buyer is forbidden to sell on any Products of Hoshizaki involved, other than in the context of the normal business operations of the buyer, without the prior payment to Hoshizaki of all outstanding invoices. As long as the ownership of Products has not been transferred to the buyer, the buyer may not pledge the Products nor grant any other right to them to a third party. The buyer is required, as

General conditions of delivery of Hoshizaki Europe B.V

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long as one or more invoices remain outstanding, to provide security for the payment thereof at the first request of Hoshizaki in the form desired by Hoshizaki.

- 6.4. If the buyer fails to comply fully with his payment obligations to Hoshizaki or if Hoshizaki has good reason to fear that he shall fail to meet this obligation, then Hoshizaki is entitled at any time and without judicial intervention to retrieve the Products or otherwise to gain access to the Products. Hoshizaki is entitled at any time, in order to gain access to the Products, to enter the space in which the Products are located or can be reasonably considered to be located. The costs of recovery shall be borne by the buyer.

- 6.5. If buyer fails to return Products, the buyer shall owe to Hoshizaki a fine in the amount of EUR 1,000 a day, payable on demand.

- 6.6. If buyer does not accept the product upon receipt and therefore intends to return the product, then a formal approval from Hoshizaki is required at first. Charges to the buyer may apply when returning the goods.
Custom built products are not returnable

Article 7. FORCE MAJEURE

- 7.1. Hoshizaki is not liable for any failure or any delay to implement an Agreement if:

7.1.1. the failure or the delay is the result of interruptions in the production process of the Products; or

7.1.2. the failure or the delay is the result of Force Majeure as defined hereinafter or in the law.

- 7.2. If a failure or delay arises as referred to above, the implementation of the relevant part or the relevant parts of the Agreement shall be suspended as long as the failure in question continues, yet this will not constitute any responsibility or liability for Hoshizaki towards the buyer in respect of any damage or loss ensuing therefrom.

- 7.3. The term "Force Majeure" refers to circumstances or events – whether or not they could be foreseen at the time the Agreement was concluded – which, in all reasonableness, diminish the influence of Hoshizaki and, as a result of which, it cannot reasonably be required to fulfil its obligations. This definition also extends to Force Majeure and/or failure on the part of the suppliers of Hoshizaki.

- 7.4. If the situation of Force Majeure continues for a period of three (3) successive months (or if Hoshizaki reasonably expects that the delay shall continue over a period of three (3) successive months), then Hoshizaki has the right to dissolve the Agreement entirely or partially, without this constituting any liability towards the buyer.

- 7.5. If, when a situation of Force Majeure arises, Hoshizaki has already fulfilled some of its obligations ensuing from the Agreement, then Hoshizaki is entitled to invoice for the actions already performed separately and the buyer is required to pay this invoice as though it concerned a separate transaction.

Article 8. Guarantee

- 8.1. Hoshizaki guarantees (parts only, no labour), under normal use in accordance with the accompanying user's manual, that at the time of delivery to the buyer and for 2 years on Hoshizaki Ice Machines and 3 years on Gram Reach-in pro-

ducts from the delivery date (or another period that the parties might have agreed to in writing) the Products shall be free from material defects and manufacturing defects and to an essential degree shall meet the specifications of Hoshizaki for the Product concerned or, if applicable, other specifications to which Hoshizaki has consented in writing.

When having to change a defective part within 3 years from the date of delivery (only valid for Gram reach-in products), we offer a replacement part free of charge (spare-parts only – no labour). The defective part has to be collected and we have to decide whether the part has to be sent back to us for investigation.

- 8.2. The only and exclusive obligation of Hoshizaki and the only and exclusive right of the buyer in connection with claims ensuing from the applicable guarantee is limited, at the discretion of Hoshizaki, either to the replacement or repair by Hoshizaki (or by a distributor/dealer appointed by it or a recognized and qualified maintenance service) of a defective Product or a Product that does not meet the specifications, or to the reimbursement of the purchase price of the Product. Hoshizaki shall be granted a reasonable period of time for the repair, replacement or allocation of a reimbursement. The Products that do not meet the specifications or defective Products shall become the property of Hoshizaki as soon as they are replaced or reimbursement has been awarded for such.

- 8.3. Notwithstanding the previous article, Hoshizaki has no obligations on the basis of the guarantee if it is found that the asserted defect or the non-fulfilment of the specifications can be ascribed to power failures or the incorrect connection of the Product to the electricity grid, the incorrect connection of or defects in the water supply or drainage to and from the Product, respectively, tests conducted under circumstances of special use, incorrect use, use in another manner than is described in the user's manual, insufficient care, faulty installation or an accident, or to faulty repair, adaptations or changes or storage, or incorrect transport, or incorrect handling, cleaning or maintenance of the Product.

- 8.4. The explicit guarantee as specified in the previous articles applies directly for the buyer and not for his customers, agents or representatives and supplants all other guarantees of an explicit or implicit nature, including but not limited to any implicit guarantees with respect to the suitability for a certain goal, saleability, or the absence of any infringement of intellectual property rights. All other guarantees are hereby rejected specifically by Hoshizaki.

- 8.5. In compliance with the exclusions and limitations stipulated in Article 9 of the present General Conditions of Delivery, the previous is an account of the complete liability of Hoshizaki in respect of defective Products or Products that do not meet the specifications.

Article 9. Liability

- 9.1. Hoshizaki is not liable for lost profit, lost savings, the loss of reputation, loss of goodwill, damages of an indirect, incidental or exceptional nature, or damages imposed as a fine or in connection to consequential loss ensuing from or relating to the Agreement or the sale of Products by Hoshizaki or the use thereof, irrespective of whether these damages are based on unlawful action, guarantee, contractual relationship or any other legal grounds, and even if Hoshizaki is informed of or is aware of the possibility of such damages (compensation).

- 9.2. The total and cumulative liability of Hoshizaki towards the buyer in the context of any Agreement is limited to an amount equal to the amount that is connected to the Agreement concerned. The total amount for which Hoshizaki can be held liable on the basis of the previous sentence shall never be more than the amount that is paid out under the liability insurance of Hoshizaki.

- 9.3. Any claim of the buyer for damages should be submitted by him within ninety (90) days after the date of the event which is the basis of the claim, while any legal proceedings related to such a claim should be instituted within one (1) year after the date of the claim. Claims that are submitted that do not comply with this provision are invalid.

- 9.4. The limitations and exclusions stipulated in this article apply only in so far as this is permitted by law.

Article 10. Intellectual Property Rights

- 10.1. With the sale of a Product by Hoshizaki to the buyer, a non-exclusive and non-transferable limited licence is granted to the buyer, on the basis of the relevant intellectual property rights of Hoshizaki and/or the companies and legal entities affiliated with it in the licence area, to use and to resell the Products sold by Hoshizaki to the buyer. All intellectual property rights of Hoshizaki and/or the companies and legal entities affiliated with it or rights of Hoshizaki derived from them with respect to the Products or parts of them and with respect to the packaging or other material that is delivered with the Products shall fully remain the exclusive property of Hoshizaki.

- 10.2. Hoshizaki shall, at its own cost: (i) conduct the legal defence if a third party institutes legal proceedings against the buyer, in so far as these legal proceedings involve a claim asserting that any Product delivered by Hoshizaki in the context of an Agreement directly infringes upon the patent, copyright, trade mark or corporate secret of the plaintiff; and (ii) indemnify the buyer against the payment of damages and costs that are imposed in the final judgement in such legal proceedings, in so far as this judgement can be directly and exclusively ascribed to the infringement in question.

- 10.3. By virtue of Article 10.2, Hoshizaki bears no obligation or liability towards the buyer if (1) Hoshizaki is not: (i) informed immediately in writing of a claim as referred to in this connection; (ii) given the exclusive right to take control of and organise the research, the preparations, the defence and the settlement in the context of such a claim, including the selection of legal counsel; and (iii) within the limits of reasonableness, is not given full support and cooperation on the part of the buyer in the context of the research, the preparations, the defence and the settlement as mentioned above; or if (2) the action is instituted after the expiry of a period of three (3) years after the date of delivery of the Product.

- 10.4. If, in respect of a Product, legal action is instituted citing infringement as referred to in the previous Article 10.2, or if, in the opinion of Hoshizaki, it can be expected that this will occur, then Hoshizaki has the right, without obligation and entirely of its own choice: (i) to obtain the right for the buyer to continue with the use and the sale of the Product; (ii) to ensure the replacement of the Product, or (iii) to adapt the Product in such a manner that, in its new form, the Product no longer makes any infringement; or (iv) to terminate an Agreement in so far as this pertains to the Product in question.



HOSHIZAKI

Hoshizaki Europe BV

Export department

Burgemeester Stramanweg 101
1101 AA Amsterdam
Noord-Holland
The Netherlands

Generalni zastopnik za Slovenijo:



DSP d.o.o.
Gasilska cesta 12
1290 Grosuplje

T 01 786 01 00
info@dsp.si
www.dsp.si



@hoshizaki_gram



Hoshizaki Europe (EMENA)

Models and technical specifications may change without notice.