



# HOSHIZAKI

## FM-300AKE FLAKE ICE MAKER / FM-300AKE-N NUGGET ICE MAKER

### Product Description

The FM-300AKE (-N) is a modular ice maker which produces either flake or nugget ice. The flake and nugget ice is popular for a variety of cooling purposes including the display of fish and fresh produce as well as in the medical world for cooling blood and organs.



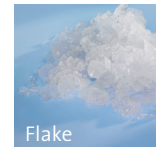
- Hoshizaki ice makers are micro computer controlled, controlling the ice making process to perform at its best under varying circumstances, without having to make physical adjustments.
- The characteristics of the ice produced by Hoshizaki ice makers means that 'freeze-burn' is no longer an issue when displaying fresh fish or produce.
- Quality stainless steel auger and evaporator increase the life expectancy of these components and the whole ice maker, as well as reducing costly maintenance visits.
- An easily cleanable air filter allows end users to carry out a routine cleaning schedule, extending product life expectancy and reducing the frequency and costs of maintenance call-outs.
- Due to the auger system the water consumption is equal to the ice production.

### Available Models

FM-300AKE (Air Cooled)
FM-300AKE-N (Air Cooled)

### Ice

Model	Shape
FM-300AKE	Flake - Approx. (70% ice hardness, 30% water)
FM-300AKE-N	Nugget - Approx. (88% ice hardness, 12% water)



### Bins

Model	Type of Bin	Bin Capacity
B-301SA, Top Kit TK 300-B3	Modular	144 kg
B-501SA, Top Kit TK 300-B5		217 kg
B-801SA, Top Kit TK 300-B8		348 kg

### Production

Model	Ice Production per 24h	Temperature	Water Consumption per 24h
FM-300AKE	Approx. 320 kg	AT.10°C, WT.10°C	Approx. 0,350m <sup>3</sup>
	Approx. 260 kg	AT.21°C, WT.15°C	Approx. 0,290m <sup>3</sup>
	Approx. 200 kg	AT.32°C, WT.21°C	Approx. 0,230m <sup>3</sup>
FM-300AKE-N	Approx. 270 kg	AT.10°C, WT.10°C	Approx. 0,300m <sup>3</sup>
	Approx. 225 kg	AT.21°C, WT.15°C	Approx. 0,255m <sup>3</sup>
	Approx. 180 kg	AT.32°C, WT.21°C	Approx. 0,210m <sup>3</sup>

### Two year warranty

For more information visit our website at [www.hoshizaki-europe.com](http://www.hoshizaki-europe.com)  
Hoshizaki Europe B.V. retains the right to change products and their specifications without prior notice.

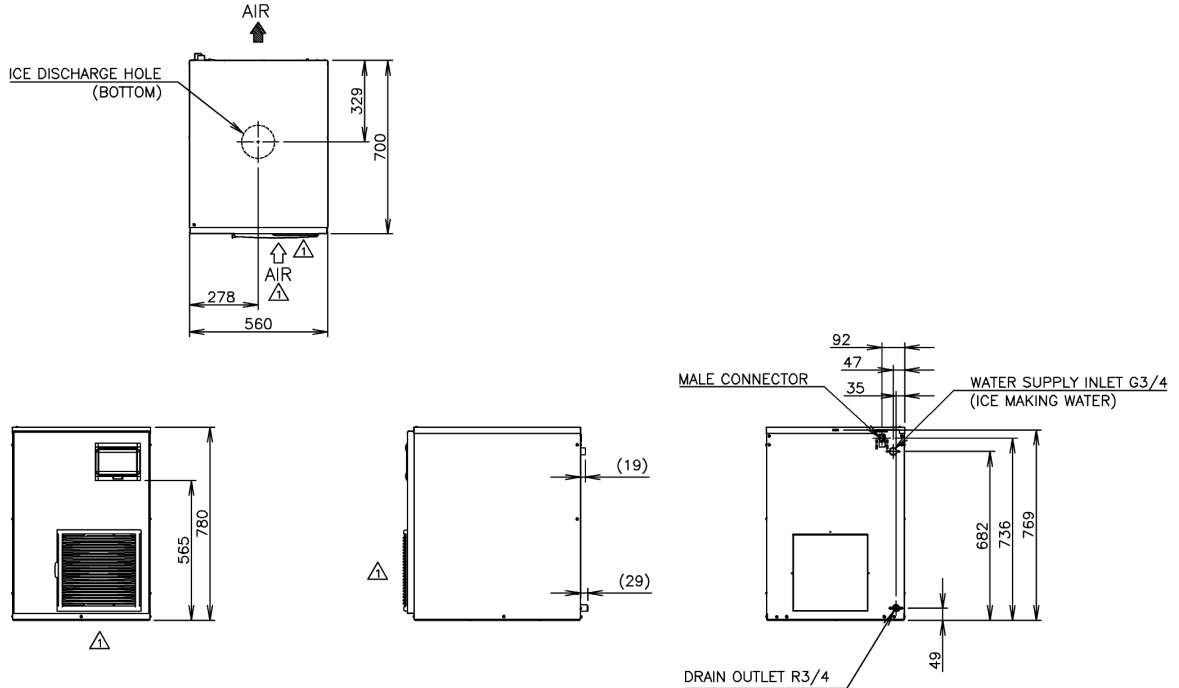




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## FM-300AKE FLAKE ICE MAKER / FM-300AKE-N NUGGET ICE MAKER

FM-300AKE / FM-300AKE-N



Do9955 / 2011.10.27

Specification	FM-300AKE	FM-300AKE-N
<b>Power Supply</b>	1 Phase 220-240V 50Hz Capacity: 1.66kVA (7.2A)	1 Phase 220-240V 50Hz Capacity: 1.66kVA (7.2A)
<b>Amperage</b> (AT:32°C, WT:21°C)	5.8A Starting: 19A	5.7A Starting: 19A
<b>Electric Consumption</b>	1000W (Power Factor: 77%)	1000W (Power Factor: 77%)
<b>Exterior</b>	Stainless Steel, Galvanized Steel (Rear)	Stainless Steel, Galvanized Steel (Rear)
<b>Insulation Foam / Blowing Agent</b>	-	-
<b>Connections - Water Supply</b>	Direct Connection to Water Main, Inlet: 3/4" (Rear)	Direct Connection to Water Main, Inlet: 3/4" (Rear)
<b>Connections - Drain</b>	Outlet: 3/4" x 2 (Rear)	Outlet: 3/4" x 2 (Rear)
<b>Ice Making System</b>	Thin ice forming inside Cylinder (Flake Ice)	Thin ice forming inside Cylinder (Nugget Ice)
<b>Compressor</b>	Hermetic	Hermetic
<b>Condenser</b>	Fin and Tube type, Air-cooled	Fin and Tube type, Air-cooled
<b>Heat Rejection</b> (AT:32°C, WT:21°C)	2200W	2200W
<b>Evaporator</b>	Tube coiled around Cylinder (Solder Plated)	Tube coiled around Cylinder (Solder Plated)
<b>Refrigerant</b>	R404A 460 g	R404A 460 g
<b>Ice Making Water Control</b>	Float Switch and Solenoid Valve	Float Switch and Solenoid Valve
<b>Electrical Circuit Protection</b>	Circuit Breaker, Earth Wire	Circuit Breaker, Earth Wire
<b>Refrigerant Circuit Protector</b>	Compressor Internal Thermostat, Pressure Switch (Auto-reset)	Compressor Internal Thermostat, Pressure Switch (Auto-reset)
<b>Mechanism Protection</b>	Micro switch (Manual-reset)	Micro switch (Manual-reset)
<b>Interlock</b>	Shutdown by Microprocessor (Manual-reset)	Shutdown by Microprocessor (Manual-reset)
<b>Dimensions Product excl. Packaging</b>	560 x 700 x 780 (W x D x H, mm)	560 x 700 x 780 (W x D x H, mm)
<b>Dimensions Product incl. Packaging</b>	671 x 820 x 971 (W x D x H, mm)	671 x 820 x 971 (W x D x H, mm)
<b>Weight Gross / Net</b>	87 kg / 80 kg	87 kg / 80 kg

Operation Conditions	
<b>Ambient Temperature</b>	5 - 40°C
<b>Water Supply Temperature</b>	5 - 35°C
<b>Water Supply Pressure</b>	0,05-0,8MPa
<b>Voltage Range</b>	Rated Voltage ± 10%

Accessories
Mounting Bracket
Installation Kit

For more information please contact your local sales office:

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