



# HOSHIZAKI

## FM-80KE FLAKE ICE MAKER / FM-80KE-N NUGGET ICE MAKER

### Product Description

The FM-80KE (-N) is a compact self contained ice maker which produces either flake or nugget ice, depending on the model. Flake and nugget ice are 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. This ice is often used to prepare cocktails and drinks because of the quickness of cooling and limited dilution of drinks.



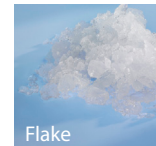
- Hoshizaki ice makers are micro computer controlled, controlling the ice making process to perform at its best under varying circumstances, without having to make physical adjustments.
- The characteristics of the ice produced by Hoshizaki ice makers means that 'freeze-burn' is no longer an issue when 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-80KE (Air Cooled)
FM-80KE-N (Air Cooled)

### Ice

Model	Shape
FM-80KE	Flake - Approx. (70% ice hardness, 30% water)
FM-80KE-N	Nugget - Approx. (88% ice hardness, 12% water)



### Bins

Model	Type of Bin	Bin Capacity
FM-80KE	Self contained	Approx. 26 kg
FM-80KE-N		Approx. 32 kg

### Production

Model	Ice Production per 24h	Temperature	Water Consumption per 24h
FM-80KE	Approx. 85 kg	AT.10°C, WT.10°C	Approx. 0,085m <sup>3</sup>
	Approx. 75 kg	AT.21°C, WT.15°C	Approx. 0,075m <sup>3</sup>
	Approx. 60 kg	AT.32°C, WT.21°C	Approx. 0,060m <sup>3</sup>
FM-80KE-N	Approx. 65 kg	AT.10°C, WT.10°C	Approx. 0,065m <sup>3</sup>
	Approx. 55 kg	AT.21°C, WT.15°C	Approx. 0,055m <sup>3</sup>
	Approx. 45 kg	AT.32°C, WT.21°C	Approx. 0,045m <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.

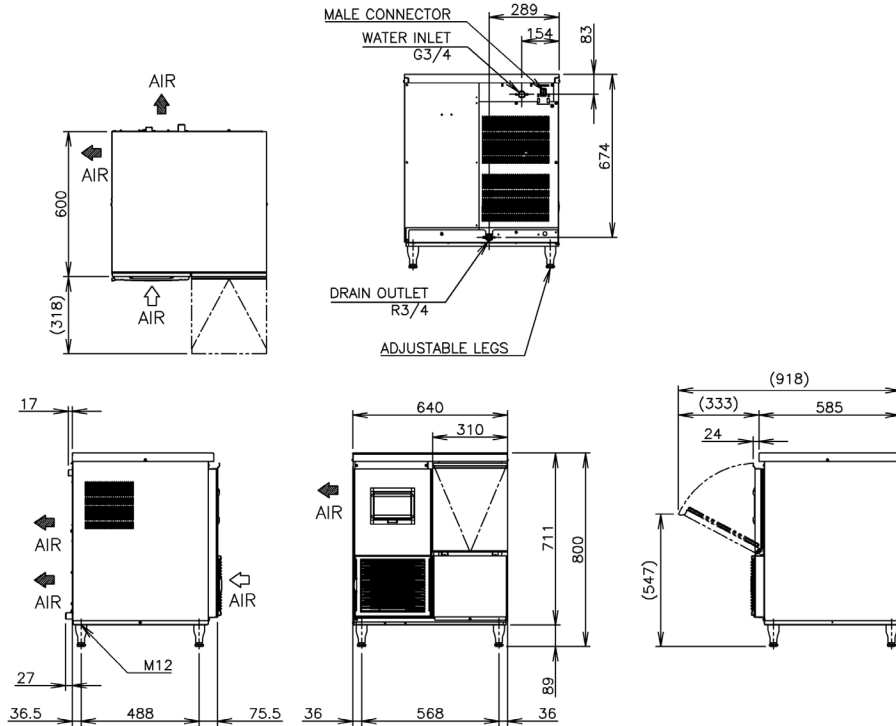




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FM-80KE / FM-80KE-N



D09513 / 2011.08.04

Specification	FM-80KE / FM-80KE-N
<b>Power Supply</b>	1 Phase 220-240V 50Hz Capacity: 0.52kVA (2.0A)
<b>Amperage</b> (AT.32°C, WT.21°C)	1.8A Starting: 5.4A
<b>Electric Consumption</b>	300W (Power Factor: 67%)
<b>Exterior</b>	Stainless Steel, Galvanized Steel (Rear)
<b>Insulation Foam / Blowing Agent</b>	HFC-245fa, 365mfc
<b>Connections - Water Supply</b>	Direct Connection to Water Main, Inlet: 3/4" (Rear)
<b>Connections - Drain</b>	Outlet: 3/4" (Rear)
<b>Ice Making System</b>	Thin ice forming inside Cylinder (Flake Ice)
<b>Compressor</b>	Hermetic
<b>Condenser</b>	Fin and Tube type, Air-cooled
<b>Heat Rejection</b> (AT.32°C, WT.21°C)	470W
<b>Evaporator</b>	Tube coiled around Cylinder (Solder Plated)
<b>Refrigerant</b>	R134a 220 g
<b>Ice Making Water Control</b>	Float Switch and Solenoid Valve
<b>Electrical Circuit Protection</b>	6A Circuit Breaker
<b>Refrigerant Circuit Protector</b>	Compressor Internal Thermostat, Condensing Temperature detected by Thermistor (Auto-reset)
<b>Mechanism Protection</b>	Micro switch (Manual-reset)
<b>Interlock</b>	Shutdown by Microprocessor (Manual-reset)
<b>Dimensions Product excl. Packaging</b>	640 x 600 x 798-833 (W x D x H, mm)
<b>Dimensions Product incl. Packaging</b>	750 x 700 x 890 (W x D x H, mm)
<b>Weight Gross / Net</b>	75 kg / 65 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
Scoop
Installation Kit

For more information please contact your local sales office:

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