



# HOSHIZAKI

## FM-150KE FLAKE ICE MAKER / FM-150KE-N NUGGET ICE MAKER

### Product Description

The FM-150KE (-N) is a self contained 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.



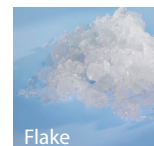
- Hoshizaki ice makers are micro computer controlled, controlling the ice making process to perform at its best under varying circumstances, without having to make physical adjustments.
- The characteristics of the ice produced by Hoshizaki ice makers means that 'freeze-burn' is no longer an issue when 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-150KE (Air cooled)   |
| FM-150KE-N (Air cooled) |
| CM-140KE (Air cooled)   |

### Ice

| Model      | Shape                                              |
|------------|----------------------------------------------------|
| FM-150KE   | Flake - Approx.<br>(70% ice hardness, 30% water)   |
| FM-150KE-N | Nugget - Approx.<br>(88% ice hardness, 12% water)  |
| CM-140KE   | Cubelet - Approx.<br>(90% ice hardness, 10% water) |



Flake



Nugget

### Bins

| Model                 | Type of Bin    | Bin Capacity  |
|-----------------------|----------------|---------------|
| FM-150KE              | Self contained | Approx. 26 kg |
| FM-150KE-N / CM-140KE |                | Approx. 32 kg |

### Production

| Model      | Ice Production per 24h                             | Temperature                                              | Water Consumption per 24h                                                                 |
|------------|----------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------|
| FM-150KE   | Approx. 150 kg<br>Approx. 130 kg<br>Approx. 110 kg | AT.10°C, WT.10°C<br>AT.21°C, WT.15°C<br>AT.32°C, WT.21°C | Approx. 0,150m <sup>3</sup><br>Approx. 0,130m <sup>3</sup><br>Approx. 0,110m <sup>3</sup> |
| FM-150KE-N | Approx. 140 kg<br>Approx. 120 kg<br>Approx. 100 kg | AT.10°C, WT.10°C<br>AT.21°C, WT.15°C<br>AT.32°C, WT.21°C | Approx. 0,140m <sup>3</sup><br>Approx. 0,120m <sup>3</sup><br>Approx. 0,100m <sup>3</sup> |
| CM-140KE   | Approx. 140 kg<br>Approx. 115 kg<br>Approx. 95 kg  | AT.10°C, WT.10°C<br>AT.21°C, WT.15°C<br>AT.32°C, WT.21°C | Approx. 0,140m <sup>3</sup><br>Approx. 0,115m <sup>3</sup><br>Approx. 0,095m <sup>3</sup> |

### Two year warranty

Hoshizaki Europe B.V. retains the right to change products and their specifications without prior notice.



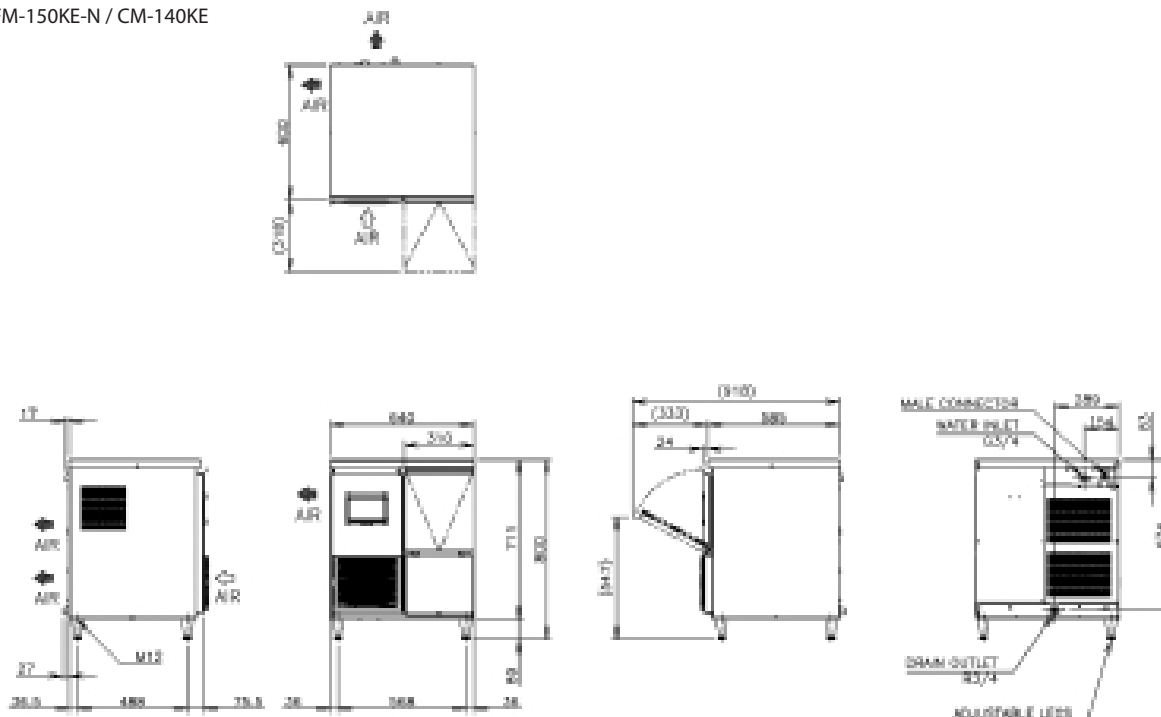


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FM-150KE / FM-150KE-N / CM-140KE

D09514 / 2011.08.04



| Specification                             | FM-150KE / FM-150KE-N / CM-140KE                                                           |
|-------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Power Supply</b>                       | 1 Phase 220-240V 50Hz Capacity: 1.46kVA (6.4A)                                             |
| <b>Amperage</b> (AT.32°C, WT.21°C)        | 5.1A Starting: 20A                                                                         |
| <b>Electric Consumption</b>               | 640W (Power Factor: 58%)                                                                   |
| <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)  | 1120W                                                                                      |
| <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>      | 10A 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>                 | 82 kg / 71 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 $\pm$ 10% |

| Accessories      |
|------------------|
| Scoop            |
| Installation Kit |



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.