FLAKER & CUBELET SERIES | ICE MACHINES



HOSHIZAKI

hoshizakiamerica.com

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FLAKER & CUBELET SERIES | ICE MACHINES

ICE CALCULATOR

CHOOSING THE RIGHT ICE MAKER



HOW MUCH ICE DO YOU NEED?

Before choosing an ice maker, take a look at how many customers you serve and what type of ice you will need



Restaurants use an average of **2 lbs.** of ice per customer per day

Schools and university cafeterias average about **1.5 lbs.** of ice per student per day





Hospital cafeterias use about **1 lbs.** of ice per person per day and an average of **10 lbs.** for every bed

Bars and cocktail lounges use about **3 lbs.** of ice per seat





Hotels use about **5 lbs.** of ice per room per day

Pounds of ice used

X **Number of customers served**

= **The size of ice maker you need**

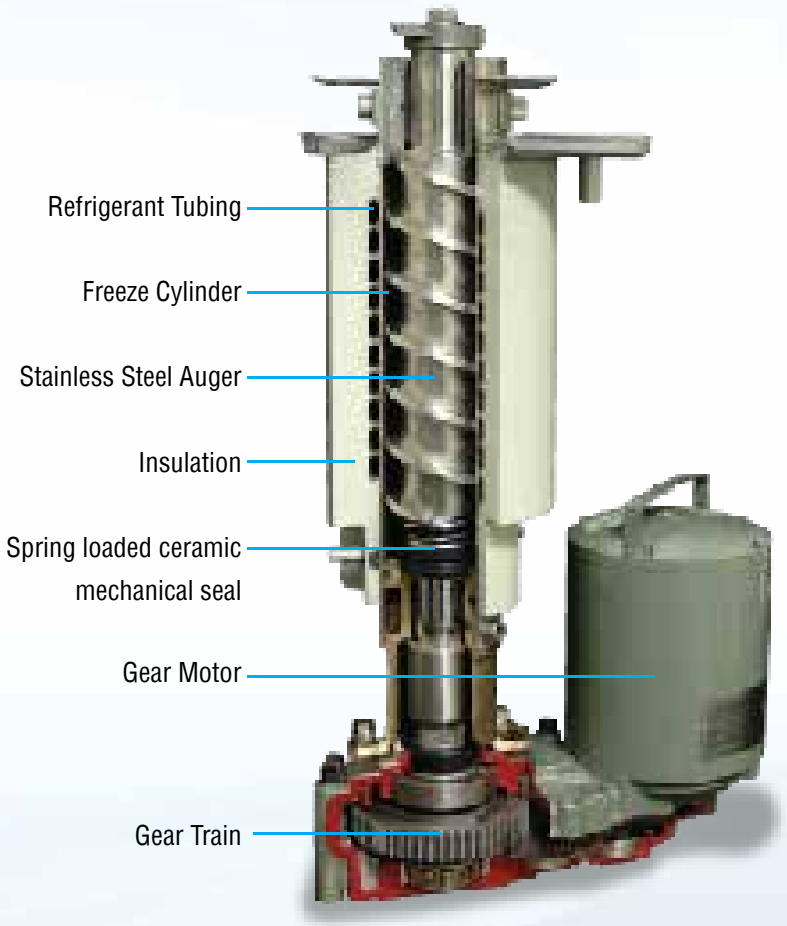
Your menu should dictate your machine –not the other way around

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INTERNAL AUGER DESIGN

HOSHIZAKI Flaker and Cubelet ice machines are designed with a durable stainless steel internal auger system that produces the highest quality of ice with fewer repairs and less down-time, and has achieved excellent efficiency results for the amount of ice produced.



FEATURES	&	BENEFITS
Dual flight auger*		▶ Evenly distributes load, reduces torque of gear box
Anti-magnetic auger and barrel		▶ Reduces mineral build up
Low kilowatt consumption		▶ Excellent energy efficiency results
Hardened bearing surface on auger		▶ Extends the life of bearings
Spline cut alignment		▶ Insures balance
Graphite bearings		▶ Greaseless, water friendly and increases longevity
Heavy duty ventless gear box		▶ More reliable, less contaminants

* F-300/330/450, C-80, DCM-270/300 are not double but single auger.

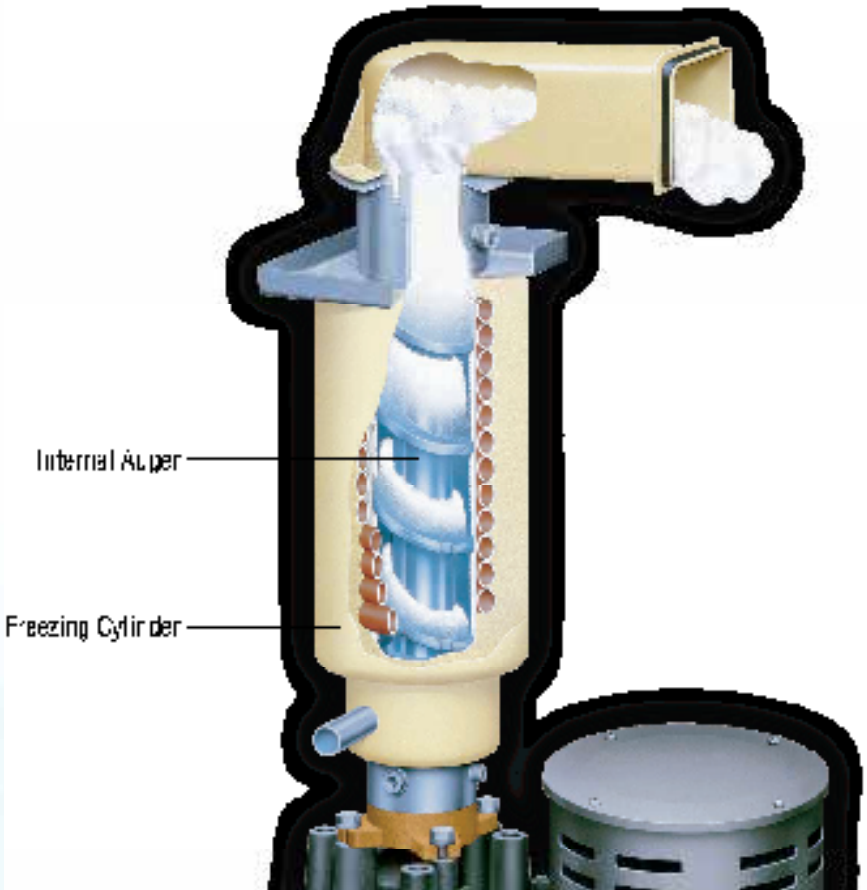
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EVAPORATOR BARREL

The evaporator has a durable freezing cylinder with insulated foamed-in-place polyurethane. The stainless steel auger shaves and moves ice upward in the cylinder. Water is squeezed from the ice as it passes through the extruding head providing hard, dry flakes. The unitized motor and gear train that drives the internal auger is sealed against moisture for dependability. Cubelet ice is flaked ice compressed and cut into cubelets by the extruding head cutter.
(Check c

FEATURES	&	BENEFITS
Durable anti-magnetic stainless steel freezing cylinder		▶ Reduces mineral build-up
Refrigerant tubing is insulated within the foamed in place		▶ Tightly sealed foam reduces condensation and water penetration



Watch the video



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FLAKED & CUBELET ICE

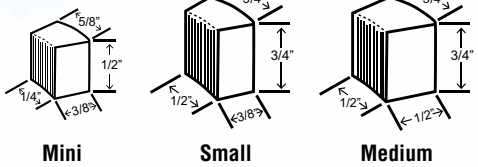
HOSHIZAKI flaked ice is dry and cools more quickly than other forms of ice. This cooling power is combined with very low production costs. Flaked ice molds to any shape for convenient use in seafood displays and salad bars.

Cubelet - Chewable, soft, light, small nugget shape

Ice Equipment Models:

C
FD-C
F-C
FS-C
DCM models





Flaked - Soft, light, chewable, various shapes

Ice Equipment Models:

F models





Each piece of Cubelet Ice is uniquely shaped. An extruding head squeezes water from the ice and extrudes a piece that is broken away by a special cutter. Cubelet ice is easy to chew and lasts much longer than flaked ice making this type of ice preferred in the healthcare industry. Cubelet ice machines are becoming more popular in restaurants and c-stores and are designed to be paired with beverage dispensers providing customers a great beverage experience.

Flaked Ice



Cubelet Ice

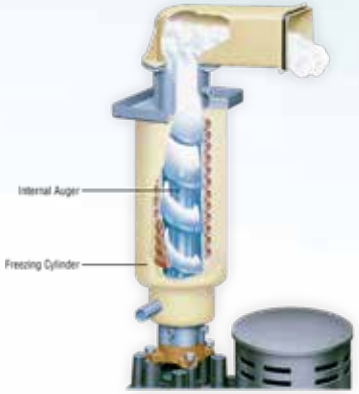


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WATER SUPPLY SYSTEM

The water supply system features a dual magnetic float switch. The top float controls water supply, while the bottom float protects the machine with low water safety shut down.



Watch the video



FEATURES	&	BENEFITS
Inlet Water Valve		► Allows accurate water supply from 10-113psig
Translucent Reservoir		► Visual water check assists machine diagnosis
Dual Magnetic Float Switch		► Results in equal water level in evaporator allowing consistent ice shape and hardness

ADVANCED 24 CleanCycle™

The Advanced CleanCycle24™ design featured in HOSHIZAKI Flaker and Cubelet ice machines, utilizes a 2 second drain of the reservoir and evaporator every hour. This minimizes impurities and minerals in both the evaporator and the water reservoir, producing cleaner ice. This feature ensures cleanliness of the ice maker, leading to less down time for cleaning and maintenance.

FEATURES	&	BENEFITS
Advanced CleanCycle24TM		► Removes impurities and minerals from the water system ► Improves sanitation and reliability ► Increases bearing, auger and evaporator life ► Reduces mineral build-up

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SIMPLE CONTROLS

The state of the art design of HOSHIZAKI Ice Machines has improved serviceability:

- Easy access - the majority of all service and maintenance can be accomplished from the front of the unit.
- These controls are located in a cool and dry environment, greatly improving electrical component reliability.
- Panels are easily removed and all components are accessible for service.

HOSHIZAKI Flaker & Cubelet ice machines feature the audible alarm and diagnostic features; designed to assist service technicians in diagnosing problems.

FEATURES	&	BENEFITS
Automatic water safety shut off		► Protection from water loss, or filter restriction
Graphite bearings		► Protects refrigeration components and prevents failures
High/Low voltage protection		► Safeguards unit against voltage dips or spikes
Double bin control		► Protects both bin and chute ice levels – for longer life

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CLEAN & RELIABLE



HOSHIZAKI Flaker and Cubelet Ice Machines with self-contained air-cooled condensers are designed with a removable, cleanable air filter. This protects the machine and its interior components from dust, lint, flour and grease; therefore, reducing maintenance costs and extending the life of the machine.

FEATURES	&	BENEFITS
Removable, cleanable air filters		► Reduces maintenance costs ► Extends machine life ► Protects machine and interior components from dust, lint, flour and grease

WATER FILTRATION

HOSHIZAKI water filters keep your equipment running smoothly while maximizing its efficiency. Water filtration improves the taste of the drinks you serve and delivers consistent results every time.

H-GUARD PLUS®

H-GUARD Plus® Antimicrobial Agent is embedded in the water resevoir; it inhibits the growth of bacterial, mold, and other microorganisms.



HOSHIZAKI
Water Filters
(Optimal Accessory)

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INFRARED BIN CONTROL / ANTIMICROBIAL

INFRARED BIN CONTROL

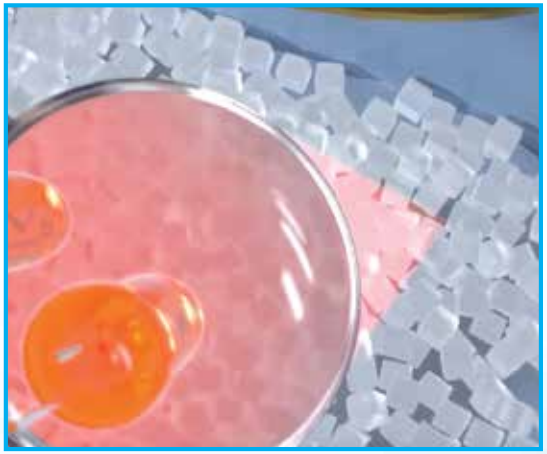
Keep your ice bin or dispenser topped off with ice, but never overflow! The infrared sensor shoots a beam onto the rising pile of ice and measures how much light bounces back. When the bin or dispenser is full, the beam trips the sensor, shutting down the compressor.

Touch-free bin control results in better sanitation and accurate ice level adjustments. It also has a better shutdown and start up sequence which increases the life of refrigeration components.

FEATURES	&	BENEFITS
HOSHIZAKI water filters are available in single, twin, and triple configurations		▶ Keeps ice machine functioning at full capacity ▶ Reduces up to 99.9% of disinfectant chlorine from incoming water supply



Watch the video



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CUSTOMER SERVICE

Hoshizaki's Warranty

- 3 Year Warranty on parts and labor for the entire unit
- 5 Year Warranty on parts for the Compressor



QR Code on the back of each unit for easy access to warranty and service information



Our Commitment to Customers

Our commitment to quality continues after the sale.
To ensure your HOSHIZAKI equipment operates at its optimum, we provide the following:

- An established field service network
- Toll-Free Technical Support Line 24 hours, 7 days a week, including holidays - **800-233-1940**
- Multi-level training - **www.hoshizakiamerica.com/training**

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FLAKER & CUBELET SERIES | ICE MACHINES
FLAKER, CUBELET & DISPENSER SERIES

UNDERCOUNTER **FLAKERS / CUBELET**
with BUILT-IN BINS

- Durable stainless steel exterior
- Stainless steel auger with greaseless bearing


C-80


F-330(-C)


F-300 / 500

• C-80(DS)	14.9"W x 22.6"D x 33.5"H	Up to 80 lbs./24 Hrs.
• C-80(AD)(ADDS)	14.9"W x 22.6"D x 31.5"H	Up to 80 lbs./24 Hrs.
• F-330(-C)	24"W x 26"D x 39"H	Up to 332 lbs./24 Hrs.
• F-300	36"W x 24.3"D x 39.3"H	Up to 353 lbs./24 Hrs.
• F-500	38"W x 29"D x 42"H	Up to 536 lbs./24 Hrs.

ICE and WATER **DISPENSERS**
STANDS SOLD SEPARATELY

OptiServe TOUCHLESS ICE & WATER

- Durable stainless steel exterior
- Advanced CleanCycle24™ design
- Opti-Serve option for hands-free operation


DCM-751
on SD-750

• DCM-270(-OS)	16.6"W x 24.1"D x 31.7"H	Up to 282 lbs./24 Hrs.
• DCM-300(-OS)	26"W x 22.5"D x 40"H	Up to 321 lbs./24 Hrs.
• DCM-500(-OS)	30"W x 16.5"D x 29"H	Up to 618 lbs./24 Hrs.
• DCM-751(-OS)	34.1"W x 28.5"D x 48.1"H	Up to 801 lbs./24 Hrs.

MODULAR **FLAKERS / CUBELET**
Bins SOLD SEPARATELY

- Durable stainless steel exterior
- Advanced CleanCycle24™ design
- Stainless steel auger with greaseless bearing


F-450(-C)
on B-300


F-1002(-C)
on B-500


F-1501(-C)
on B-900

• F-450(-C)	22"W x 27.4"D x 22"H	Up to 492 lbs./24 Hrs.
• F-801(-C*)	22"W x 27.4"D x 26"H	Up to 751 lbs./24 Hrs.
• F-1002(-C)	22"W x 27.4"D x 26"H	Up to 1028 lbs./24 Hrs.
• F-1501(-C)	30"W x 27.4"D x 34.4"H	Up to 1705 lbs./24 Hrs.
• F-2001(-C)	30"W x 27.4"D x 34.4"H	Up to 2098 lbs./24 Hrs.

DISPENSER SERIES **CUBELET**
DISPENSER SOLD SEPARATELY

- Chewable ice for dispensers
- Stainless steel auger with greaseless bearings



FD-650-C*



FD-1002-C

• FD-650-C*	22"W x 24"D x 26"H	Up to 634 lbs./24 Hrs.
• FD-1002-C	22"W x 24"D x 26"H	Up to 890 lbs./24 Hrs.

SERENITY SERIES

- Quieter operation

• FS-1001-C	30"W x 11"D x 26"H	Up to 851 lbs./24 Hrs.
• FS-1022-C	22"W x 16.5"D x 26"H	Up to 851 lbs./24 Hrs.
• FS-1501-C	30"W x 16.5"D x 34 1/4"H	Up to 1386 lbs./24 Hrs.

★ENERGY STAR® QUALIFIED



Peachtree City, GA
Corporate Headquarters & Manufacturing

HOSHIZAKI is a global leader in the design, manufacturing, and marketing of equipment for the foodservice industry. With their corporate office located in Peachtree City, Georgia, HOSHIZAKI produces the highest level of excellence in ice machines and refrigeration equipment. Delivering continuous innovation, durability and style, the HOSHIZAKI name is synonymous with reliability and customer commitment.



Griffin, GA
Manufacturing

HOSHIZAKI

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