

1. TURNING ON THE ICE MACHINE

(Select Models Series FGIM, FPIM, FGNI & FPNI)

- 1. Turn on the water supply.
- 2. Switch on the electrical power.

3. Push and release the On/Off switch to start the machine. The Ice Making light next to the On/Off switch will glow Blue.

Warm air will flow out of the left front grill. It will take about 10 minutes for the ice machine to begin dropping nugget ice into the storage bin. It is normal for that ice to melt and ice will continue to melt, but at a slower rate. It will take about 6 - 7 hours to fill up the ice storage bin.

Storage bin holds about 20 lb of ice when full.



The ice level control is an ultrasonic sensor, located above the ice storage area. It is automatic and there is no adjustment to make. When ice melts or is used, and the ice level drops below a preset distance the

control turns the ice-making system back on. It makes ice until the preset level is reached.

While accessing ICE does not interrupt unit, removing ice does not affect the ICE that is already in production.

2. OPERATING TEMPERATURES

This ICE Machine is designed to operate in wide range of air temperatures:

- Minimum air temperature: 50 degrees F.
- Maximum air temperature: 100 degrees F.

Although the machine will function within the listed ranges, it works best at water temperatures between 50 and 60 and air temperatures between 60 and 80. Note: Ice making capacity goes down as the environmental temperatures go up, and will be severely reduced at temperatures over 90degrees F.

3. WINTERIZING

Outdoor Usage: Cold weather preparation.

- 1. Clean the ice making system.
- 2. Open the door and push and release the On/Off
- switch to turn the machine off.
- 3. Turn off the water supply.



4. Remove the back wall of the ice storage bin.



5. Drain the water reservoir by removing the rubber cap under the reservoir - it's near the back wall of the ice storage bin.

6. Open the door, push and release the on/off switch to turn the machine on.

7. Disconnect incoming water line at inlet water valve.

8. Blow air through the inlet water valve; a tire pump could do the job.

9. Drain pump models should have about 1/2 gallon of RV antifreeze (propylene glycol) poured into the ice storage bin drain.

Note: Automotive antifreeze must NOT be used. 10. Switch off and unplug the machine.

4. CLEANING THE CONDENSER



Some water conditions will dictate even more frequent cleaning of the ice-making section, and some carpets or pets will dictate more frequent cleaning of the condenser.



4. CLEANING THE CONDENSER

Condenser cleaning (Continued)

The condenser is like the radiator on a car, it has fins and tubes that can become clogged with dirt and lint.

To clean:

- 1. Remove the kickplate and front service panel.
- 2. Locate the condenser surface.



Caution: Fins are sharp and should not be dented

Vacuum the surface, removing all dust and lint.
 Return the kickplate and front service panel to the original positions. Fasten them to the cabinet using the original screws.

5. CLEANING DE-SCALING

Caution: Recommended tools: Rubber gloves, squirt bottle & scale remover. Viking Scale remover part number IMC16OZ. Please Note Ice machine scale remover contains acids. Acids can cause burns. If the concentrated cleaner comes in contact with skin, flush with water. If swallowed, DO NOT induce vomiting. Give large amounts of water or milk. Call Physician immediately. Keep out of the reach of children.



1. Scoop out all of the ice, either discard it or save it in an ice chest or cooler

2. Press and HOLD the On/off button in for 3 seconds until the Blue light goes out.

3. Press and HOLD the both the Clean-Reset and On/Off buttons for 5 seconds. The Time to Clean light will blink on and off.

4. Open door and locate screws at upper back wall of bin. Remove the two screws.



5. CLEANING DE-SCALING

CARE AND CLEANING (Continued)

5. Push tab on front edge of reservoir cover and remove the cover. Note: Adjacent wires are low voltage and are not hazardous. Push Tab Lift reservoir cover to remove.



6. Locate blue float valve on/off lever. Move lever up about half way to shut water off.

7. Locate drain plug and pull the drain plug out to drain the reservoir and evaporator. When draining is complete, return the plug to its original position.
8. Mix a solution of cleaner with water: 1.25 ounces of cleaner with 16 oz of warm water. Note: Take care not to spill any scale remover on any nearby surface. Immediately wipe any spill with baking soda and water.
9. Fill the reservoir with the scale remover solution using squirt bottle or other container. That will be about 8 ounces or half a squirt bottle.



10. Operate the machine for another 1/2 hour.

11. Push and release the On/Off switch. The machine will stop the cleaning process.

12. Pour a gallon of hot (95°F. – 115°F.) water into the bin to flush out the drain.

13. Clean the bin liner of mineral scale by mixing some ice machine scale remover and hot water, and using that solution to scrub the scale off of the liner.

- 14. Rinse the liner with hot water.
- 15. Sanitize the bin interior.
- 16. Replace the ice removed in step 1.

17. Push and release the On/Off button to restart ice making.

The ice scoop should be washed regularly, wash it just like any other food container.

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6. WATER QUALITY

Water Filtering and Mineral Content

Water Quality

The water to the machine must be potable, or fit for human consumption. Beyond that, water supplies vary in the degree of mineral content. As this ice machine makes ice, all the water that flows into the machine is changed into ice. That includes any minerals that might be in the water. However, during ice making some minerals will stick to the ice making components. The higher the mineral content, the more mineral build up will occur.

Water Filters.

Water filters are a partial help, as they will remove the suspended solids, but water treatment is needed for the dissolved solids, which are part of the water and cannot be filtered out.

Revers Osmoses (R.O.) Water

This machine can be supplied with Reverse Osmosis water, but the water conductivity must be no less than 10 Micro Siemens/cm. A reverse osmosis system should include post treatment or blending to satisfy the R.O. water's potential aggressiveness.

Caution: Deionized water is not recommended and could damage the machine. Because water softeners exchange one mineral for another, softened water may not improve water conditions when used with ice machines.