



## *Rapid Freeze* Ice Flaker Accessories/Options

### Water Filters Kit

Howe Corporation offers a complete line of water treatment systems designed to extend the performance and life of your Howe Rapid Freeze ice flaker. These filters, remove 95% + of all dirt, sediment and rust larger than 5 micron, protecting items such as float valves, water lines & evaporator surface. Takes out chlorine and other taste & odor causing chemicals. Improves ice quality and protects machine & bin against corrosion. IsoNet inhibits the formation and build up of calcium (Lime scale) and provides additional corrosion protection. Reduces the # 1 cause in ice machine maintenance costs - SCALE.

Filter systems are designed to last at least a minimum of approximately 6 months between changing. Systems sized for every ice machine model



### Salt Dosing Kit

Howe ice flakers operate great without the need to add salt. However, if your customer is looking to enhance or enlarge the size of the ice flakes, we can offer a Salt dosing system. The salt dosing system will automatically feed the regulated amount of saline solution for optimum ice harvesting and production. The amount of saline solution is easily metered by adjusting the length of time between cycles, as well as the length of time the solenoid valve is energized.

Kits available for 6000 pound and larger units only.



### Low Ambient Kit

Ice flakers are designed for ambient temperatures between 90°F & 60°F.

When installing in ambient temperatures below 60°F, a Low ambient kit is recommended.

The low ambient kit consists of 3 replaceable heating elements to prevent ice from forming on the bottom of the machine. Low ambient kit also replaces the mineral based oil in the speed reducer with a synthetic oil for optimum performance in lower ambient temperatures.

Available as factory option when ordering new equipment only.



### NEMA4-TEFC Kit

Standard configuration of the ice flakers incorporate ODP (open drip proof) drive motors, along with a NEMA 1 enclosure for the control panel. In many instances, the equipment is placed in production areas where the equipment is subjected to frequent washdown and sanitation cleaning. This option provides an upgrade to NEMA4 water tight enclosure for the control panel, and TEFC (totally enclosed fan cooled) drive motor for the flaker, along with sealtite metallic cabling suitable for wet locations. Gives customers peace of mind with out risk of damaging motors or control panels by getting them wet.



## Ice Level Control

Howe Corporation offers a Solid State electronic ice level control which automatically starts the machine when bin is not full, and shuts off the machine when ice level reaches the capacity level. Ice level control is included as standard on all 1000-6000 pound freon models, available as an option on all other models.

\*operating a Howe flaker without factory approved ice level control may affect warranty of the flaker.



## Low Water level cut-off Switch

Howe Corporation offers a low water level cut out switch for all Howe Rapid Freeze ice flakers. The low water kit is available installed when ordered with the equipment, as well as being available as a field installation kit for existing units. (Field kit may not be available for use with older models, contact Howe Technical service department for more information.)



## Evaporator Pressure Regulator

For proper operation during all possible conditions Howe highly recommends installing an EPR valve for all remote & split systems. When properly set / adjusted, the EPR valve will ensure the evaporator pressure maintains the optimum pressure for the evaporator regardless how low the condensing unit or rack is running ( it must, however, be running at least as low as required for the flaker).



## Suction Strainer

Suction strainers are essential for the proper operation of any ice machine. The suction strainer is designed to catch any residual debris left in the refrigerant piping during installation. Without this suction strainer, the debris, if present can flow throughout the refrigerant system and end up getting lodged in either the expansion valve, EPR valve, or solenoid valve. Protecting these control items from the potential of contamination will greatly enhance the life and operation of the ice flaker.



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