

Maintenance and Cleaning

There are 4 areas of maintenance

1. Ice making system
2. Photo eye ice level control system
3. Bin
4. Air cooled condenser and filters

Ice making System:

Remove Scale

1. Remove front panel.
2. Turn the machine off by pressing the on / off button.
3. Empty the ice from the storage bin
4. Remove the inner panel using the 4 thumb screws.
5. Remove the top cover from the reservoir.
6. Shut water supply off at the reservoir by turning the knob counterclockwise.
7. Locate the evaporator drain in the ice machine compartment. Unplug it and drain the evaporator.
8. Replug the drain.
9. Mix a solution of 1.5qt/1.4L of warm water (90°F/32°C to 110°F/43°C) and 4 ounces of Scotsman Clear 1 Ice Machine Scale Remover.
10. Pour the cleaning solution into the reservoir until it is full (a squirt bottle may be necessary to fill reservoir with cleaning solution).
11. Push the clean button. the machine will operate the auger motor for approximately 20 minutes. Then it will start making ice with the cleaning solution.
12. Add remaining cleaning solution to the reservoir as ice is being made for the next 20 minutes. After the full 40 minutes (steps 11 & 12) the unit turn off.
13. Drain the solution from the reservoir by removing the plug. Once drained, replace the plug.
14. Pour clean water into the bin to melt any ice produced during the cleaning cycle.
15. Mix a solution of 4oz/118ml of Scotsman Clear 1 ice machine scale remover and 16oz/473ml of potable water. Use this scale remover solution for the water reservoir cover, ice discharge chutes, the stor-

age bin and the inner front cover.

Sanitize Water System

16. Create a solution of sanitizer. Mix 4oz/118ml of NuCalgon IMS III and 2.5gal/9.5L of (90°F/32°C to 110°F/43°C) potable water to create a 200 ppm solution.
17. Pour the sanitizing solution into the reservoir until it is full and wait 2 minutes.
18. Turn on the water supply and press the ON /Off button to turn the ice machine on
19. Operate the machine for at least 15 minutes.
20. Drain the solution from the system by pulling the reservoir plug from the drain hose. Return plug when drained.

Photo Eye ice level control

1. Mix solution of 4 ounces of Clear 1 Ice Machine Scale Remover and 1.5qt/1.4L of 90°F/32°C to 110°F/43°C water.
2. Remove sensors from inner cover by removing the white c-clip .
3. Use cotton swab and cleaning solution to thoroughly clean photo sensors.
4. Rinse sensors with clean water.
5. Reinstall sensors in inner panel.



Ice machine cleaner contains acids. Acids can cause burns.

If 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.

Bin

1. Use the same cleaning mixture to thoroughly clean bin surfaces.
2. Rinse with clean water.
3. Use sanitizer mix on all bin surface areas and areas that may contact the ice.
4. Rinse with clean water.

Filters and Air Cooled Condenser

The air filter located on the lower front grill will capture airborne dust during operation. As the dirt builds up, it begins to restrict air flow and causes the refrigeration system to work less efficiently. Clean the air filter regularly.

1. Remove the filter by sliding it to the right until it is clear of the ice machine.
2. Remove dust and dirt by washing the filter in a utility sink.
3. Reinstall filter in the ice machine.

Condenser

The condenser fins require semi annual cleaning. Use caution to prevent damage to the condenser fins.

1. Lightly brush dust from the condenser.
2. Use a vacuum to thoroughly clean the condenser.