



# HID Ice Maker-Dispenser PM

## **Planned Maintenance:**

Ice Machines require periodic maintenance to be able to deliver like-new reliable performance. That maintenance will be in five areas:

- Drip tray and drain system
- Air cooled condenser filter and condenser
- Ice dispense bin and rotor
- Photo eye ice level control
- Ice making water system

The maintenance includes:

- Scale removal
- Sanitization
- Filter cleaning or change

## **Schedule:**

Typically twice per year for scale removal and sanitizing. At some sites the water supply to the ice machine will contain significant quantities of minerals, and that will result in a water system becoming coated with these minerals, requiring more frequent maintenance than twice per year.

### **Drip Tray and Drain:**

- Weekly flush out recommended

### **Air Filter Cleaning:**

- Monthly and every 6 months with the ice machine scale removal

### **Ice Dispense Bin and Rotor Cleaning and Sanitizing:**

- At the same time of scale removal and ice machine sanitization, more frequently if needed

### **Photo Eye Ice Level Control**

- At the same time of scale removal

### **Ice Machine Water System, including water filters:**

- Remove scale from water system and change filters a minimum of every 6 months
- Sanitize the water system whenever the scale has been removed

### **For the Owner or Operator - several items can be “do it yourself” procedures:**

- Water filter change - estimated time 5 minutes
- Air filter cleaning or change - estimated time 10 minutes

# Ice Dispense Bin and Rotor Cleaning and Sanitizing

## Necessary Materials

Hand tools, cleaning supplies including scale remover and sanitizer, plus hand protection are recommended.

## Frequency and Background:

Recommended minimum time between cleanings is 6 months. To aid in determining if the machine has not been cleaned in 6 months, a Time To Clean light will glow after 6 months of power up time. Cleaning the machine with the following process will reset that light and the timer that controls it. More frequent cleanings may be required based on the mineral content of the water, run time and potential airborne contamination.

## Basic Process - See User Manual for Complete Details

1. Remove both front panels.
2. Push On/Off button to shut ice making off.



3. Shut water supply off, either by lifting the float with the lever on the size of the reservoir or by shutting the water off to the ice machine.

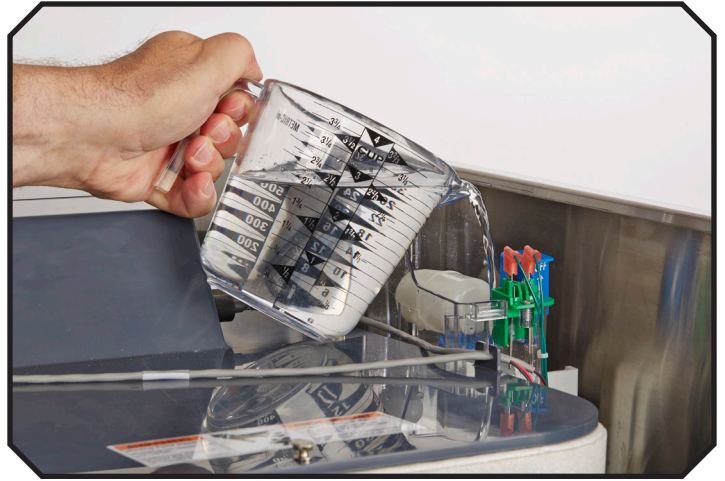


4. Drain water from ice making system by pulling reservoir drain hose from plug at drain basin and return to plug when drained.



Note: Drain into drain basin in base of unit. Sink must be attached to unit throughout this process.

- Remove reservoir cover and fill with hot (110-120 degree F.) water, wait 2 minutes and drain water from ice making system by pulling reservoir drain hose from plug and return hose to plug when drained.



- Mix a solution of 12 ounces of Scotsman Clear 1 ice machine scale remover and 12 ounces of clean, potable water.

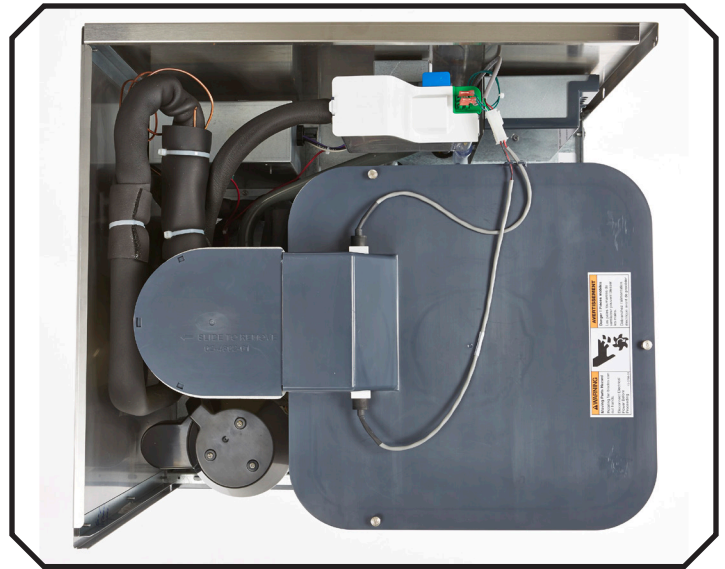


- Loosen thumb screw holding water reservoir to post.
- Lift water reservoir to the top of the post and re-secure with the thumb screw.
- Remove cover from water reservoir.

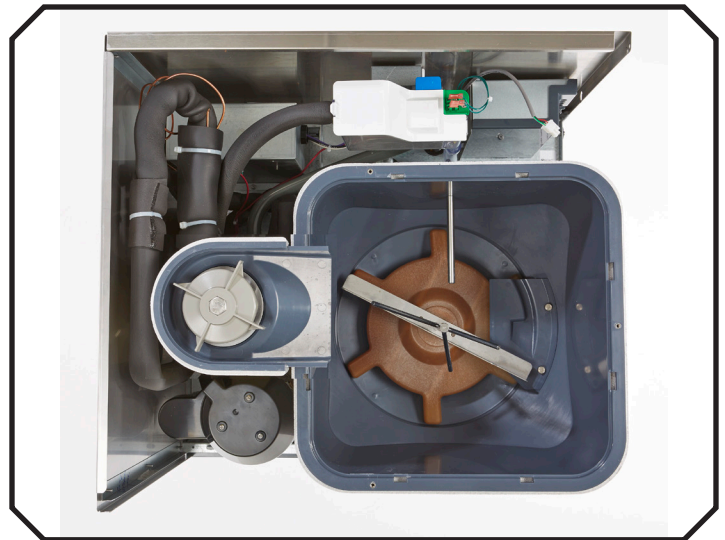


- Vend all ice from dispenser.

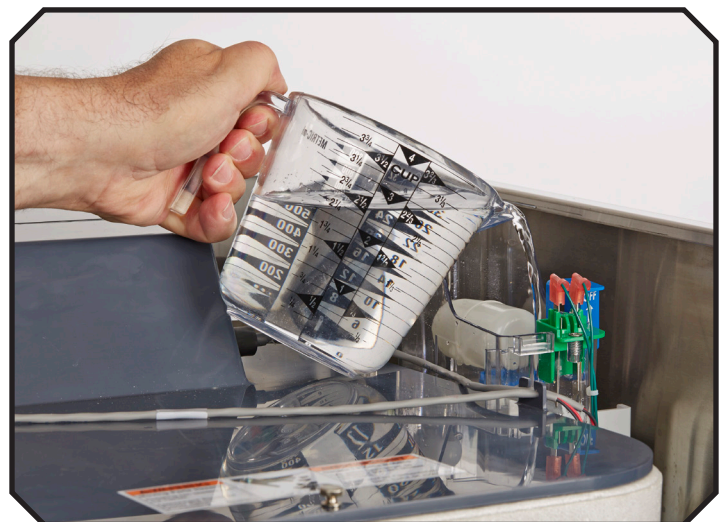
11. Remove dispense bin cover, but keep photo eyes connected to harness.



12. Remove ice discharge chute cover from top of ice making system.



13. Pour cleaning solution into reservoir. Caution: solution is highly acidic. Use rubber gloves and Do Not Spill



14. Push the Clean button. The unit will operate the auger motor for 30 minutes and then stop.

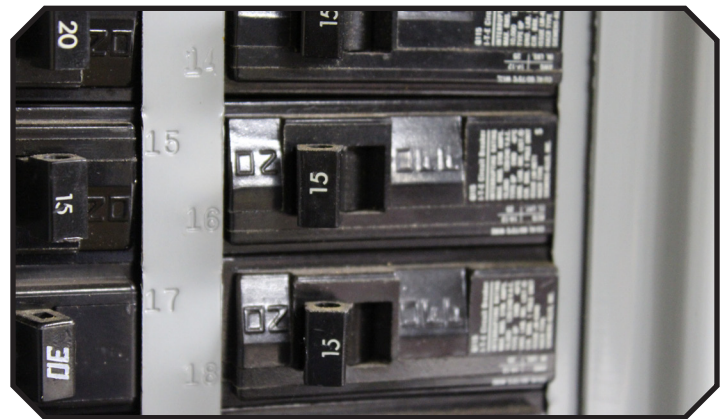
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Note: Stop at any time by pushing the On/Off button.

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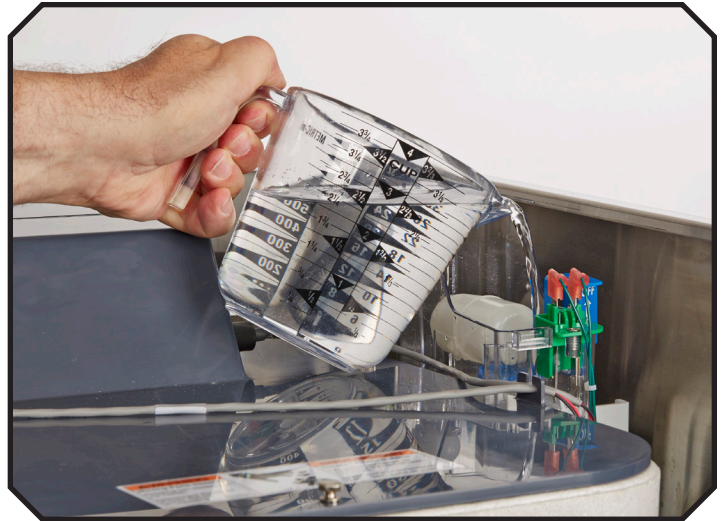
15. Disconnect unit from electrical power.



16. Drain the scale remover solution from the water system by pulling the reservoir drain hose from its plug and return it to the plug when drained.



17. Pour 24 ounces of clean, potable water into the reservoir.



18. Drain the water from the water system by pulling the reservoir drain hose from its plug and return it to the plug when drained.



19. Mix a solution of 4 ounces of ice machine scale remover and 16 ounces of potable water. Use this scale remover solution to washout the water reservoir cover, ice discharge chute, ice chute cover, ice delivery chute, storage bin cover and inside of the ice storage bin. Also wash the sink /drip tray and grill with this solution. Pour half down the bin drain and the rest into the sink / drip tray to flush out their drains.

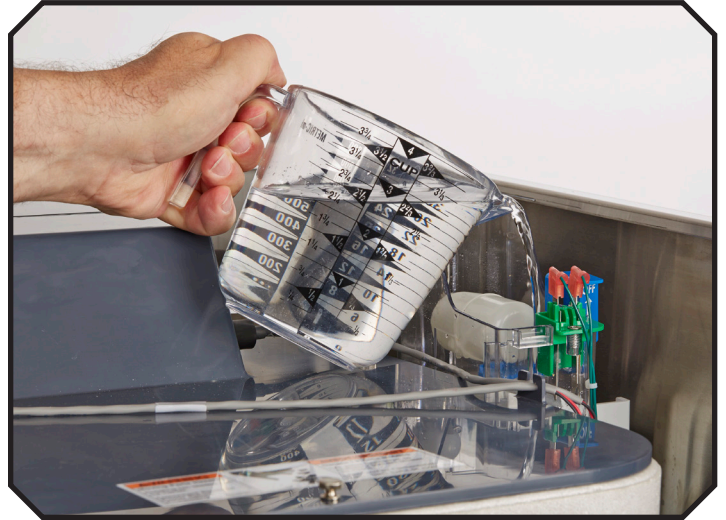


Sanitize now.

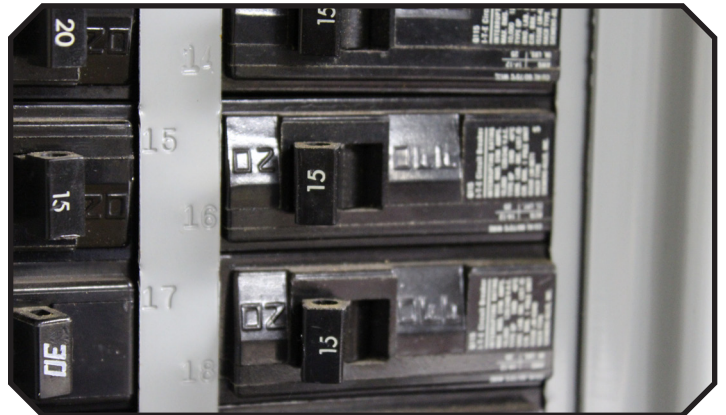
20. Mix a 2 gallon solution of sanitizer. A recommended sanitizer solution is one 2 oz. packet of Stera Sheen Green Label and 2 gallons of warm (95° to 105°F.) potable water, or an equivalent sanitizer at a concentration of 100 ppm.



21. Pour the sanitizer solution into the reservoir until it is full (level with the molded line on the side).



22. Reconnect electrical power.

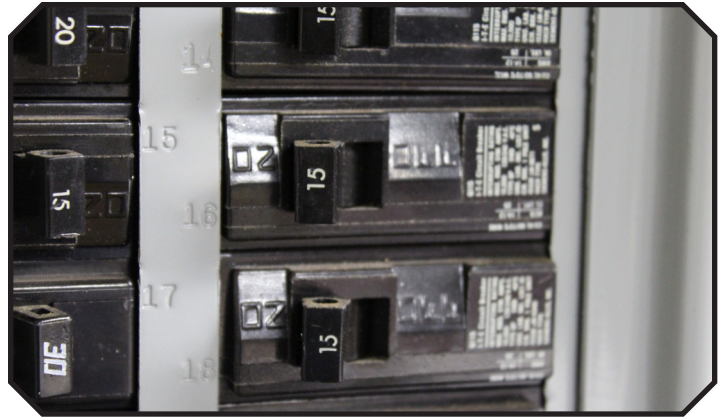


23. Push the On/Off button to make ice for 10 minutes. Add more sanitizer to the reservoir to keep it full while making ice.

24. Push the On/off button to stop making ice.



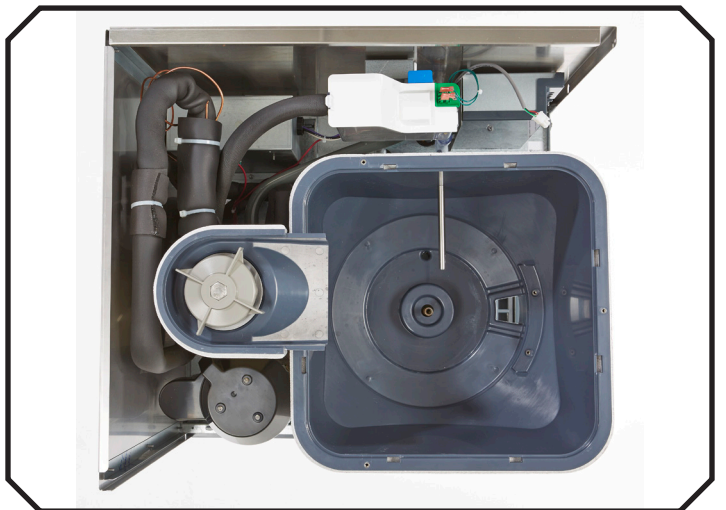
25. Disconnect electrical power.



26. Remove the ice outlet cover, dispense rotor and ice dispenser agitator from the bin. Wash them with the sanitizer solution.



27. Wash all inside surfaces of the ice storage bin and ice discharge chute with the sanitizer solution.





28. Wash the ice discharge chute cover, ice sweep, metal area below the ice sweep and ice dispense chute with the sanitizer solution.



29. Wash the sink / drip tray and grill with the sanitizer solution. Pour remaining sanitizer into the bin and sink. Do not overfill bin.



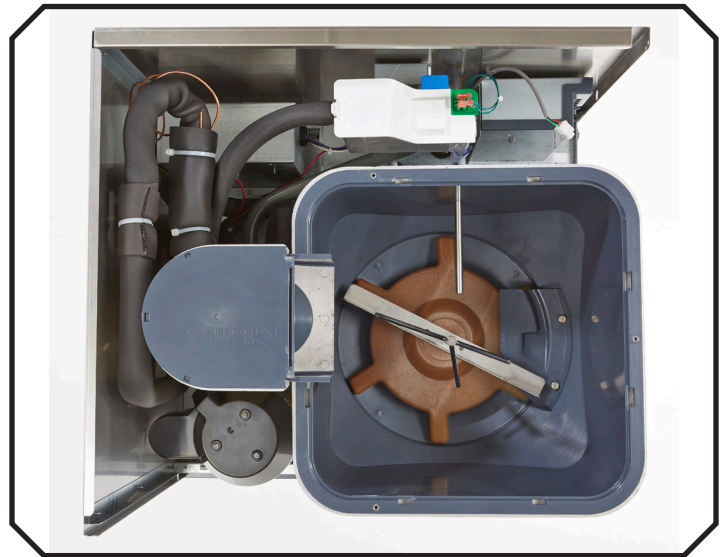
30. Drain sanitizer from ice making system by pulling reservoir drain hose from plug and return hose to plug when drained. Repeat with clean water.



31. Loosen thumb screw holding water reservoir to post and lower the water reservoir to the top of the slot, retighten thumb screw.



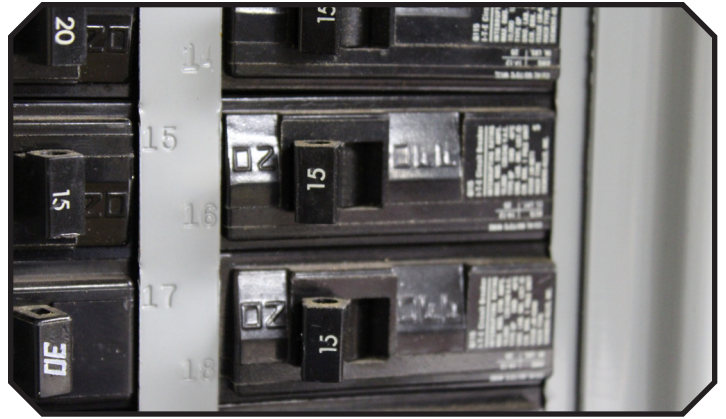
32. Return the chute cover, dispense rotor and agitator to the inside of the storage bin. Secure with the original fasteners.



33. Return the ice dispense chute and water reservoir cover to their original positions and secure them with their original fasteners.



34. Reconnect water and electrical power to the machine.

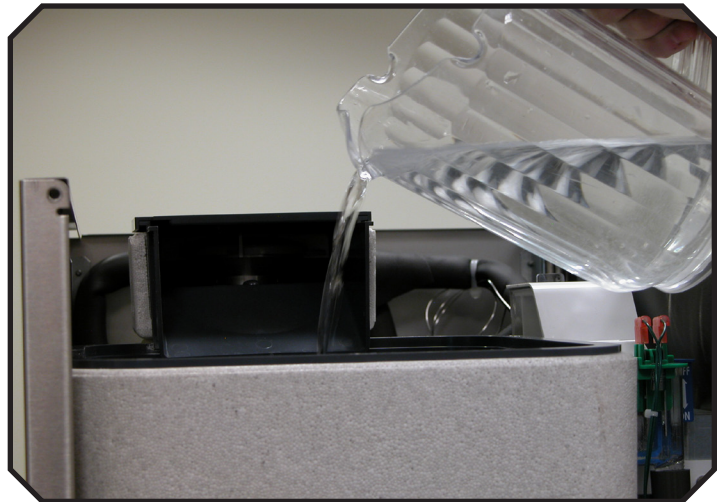


35. Push the On / Off button to restart ice making.

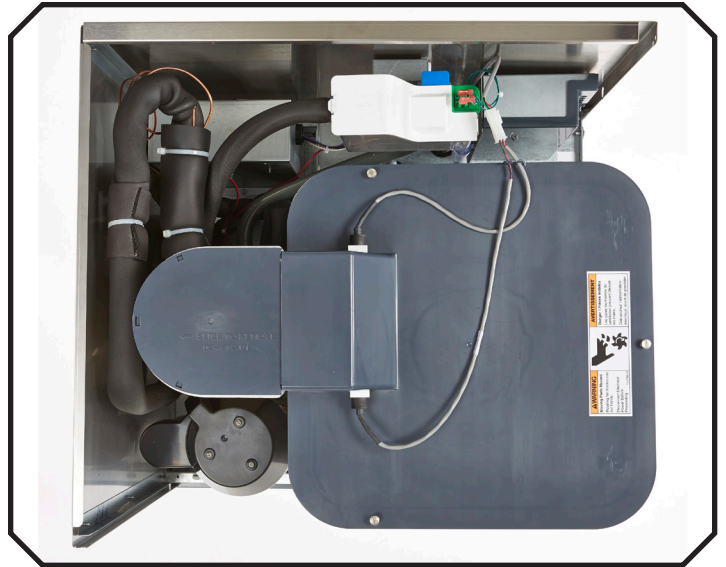
36. Operate machine for 5 minutes and then push the On / Off button to stop ice making.



37. Pour 16 oz of warm (95° to 105°F.) potable water into the bin. Repeat until the ice has been melted.



38. Return the dispense bin cover to the machine and secure with the original screws.



39. Push the On / Off button to resume ice making.



40. Return all panels to their normal positions and secure with the original screws.

