

Maintenance

Regularly vacuum the right side of the air cooled condenser with a brush to remove all loose dust and dirt. Be careful not to damage the fins.

Cubed ice machines of this type make ice that is more pure than the water supplied to it. Since the ice has fewer impurities, the water that remains in the reservoir has more. The water system dilutes that concentration but eventually it does build up and need to be removed. Over the years it has been determined that the typical scale removal frequency is about 2 times per year.


To remove scale from the water system.

Materials needed:

Food grade, nickel safe scale remover for ice machines, also known as ice machine cleaner.

- Sanitizer
- Hand tools.
- Clean bucket
- Clean cloths
- Rubber or plastic gloves

1. Remove front panel.
2. Move master switch to Off, wait a minute and then move it to On.
3. When the freeze cycle begins (blue light on), switch the machine to Off.
4. Remove and discard the ice.
5. Drain reservoir by pulling drain plug and return drain plug to its original position.

CAUTION	Ice machine scale remover 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.

6. Mix a solution of 5 oz or 150 cc of Scotsman Clear 1 Scale Remover and 2.5 quarts or 2.4 liters of clean, warm (95°F/35°C to 115°F/46°C) water.
7. Pour the solution into the reservoir by carefully adding it at the reservoir's front lip.
8. Move the master switch to the Wash position.
9. Wait 10 minutes.
10. Move the master switch to the Off position.
11. Drain the reservoir by removing drain plug and draining the solution into the bin. Return the drain plug to its normal position.
12. Remove spray platform by removing cube chute and lifting spray platform up and off its connection. If needed open platform and confirm all jets are open. Rinse out any debris, reclose and return it and the cube chute to the unit. Be sure gasket is positioned correctly - narrow side faces up toward jets.
13. Pour 2.5 quarts or 2.4 liters of warm (95°F/35°C to 115°F/46°C) water into the reservoir by adding it at the reservoirs' front lip.
14. Switch the master switch to Wash for 1 minute, then switch it to Off.
15. Repeat step 11. Go to the next process to sanitize the machine.

Sanitize Water System – after completing prior scale removal and stopping at the end of its steps.

1. Mix a 1 gallon or 4 liter solution of locally approved sanitizer and clean, warm (95°F/35°C to 115°F/46°C) water. Use an EPA approved food equipment sanitizer at the solution mix recommended by the sanitizer manufacturer.
2. Pour about half of the sanitizer mix into the reservoir.
3. Remove the cube chute and spray platforms and wash them with the sanitizer, then return them to the ice machine.
4. Move the master switch to the Wash position.
5. Circulate the sanitizer for 2 minutes.
6. Move the master switch to Off.

7. Drain the reservoir into the storage bin by removing the drain plug. Return the drain plug to its normal position.
8. Wash all interior surfaces of the ice machine storage bin, reservoir surface and inside of the door with the remaining sanitizer solution.
9. Pour any excess sanitizer down the ice machine bin drain.
10. Pour 2.5 quarts or 2.4 liters of warm (95°F/35°C to 115°F/46°C) water into the reservoir by adding it at the reservoirs' front lip.
11. Move the master switch to the Wash position for 1 minute, then switch it to Off.
12. Drain the reservoir by removing the drain plug and draining the solution into the bin. Return the drain plug to its normal position.
13. Move switch to the On position. The machine will resume normal ice making.
14. Return the front panel to its original position and secure it with the original screws.

Cleaning the Condenser

1. Remove the front panel.
2. Switch the machine to OFF.
3. Vacuum the surface of the condenser fins, carefully brush off any loose dirt. If grease is imbedded use coil cleaner to wash it out.
4. Switch the machine to ICE.
5. Return the front panel to its original position.