

Scotsman[®] **Caring For Your AFE424 Flaker**

Preventive Maintenance:

Ice Machines require periodic maintenance to be able to deliver like-new reliable performance.

The maintenance will be in three areas:

- The ice machine's water system
- The ice storage bin.
- Air cooled models need their condenser cleaned.

Schedule:

Note: In some areas the water supply to the ice maker will have a great deal of minerals in it, and that will result in an evaporator and auger becoming coated with these minerals, requiring more frequent maintenance than twice per year.

Ice Machine Water System, including water filters:

- Clean water system and change filters a minimum of every 6 months.

Auger and Top Bearing Inspection:

- Every 12 months.

Remote or Air Cooled Condenser Coil Cleaning:

- Every 6 months.

Bin Liner Cleaning and Sanitizing:

- Every Month.

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*
- Storage bin cleaning & sanitizing - *estimated time 25 minutes*
- De-scaling of the ice machine water system - *estimated time 60 minutes*

The following items will require a technician:

- Condenser coil cleaning
- Top bearing inspection

Change Water Filters

1. Shut off the water.
2. Remove the cartridge - follow water filter instructions for the brand used.
3. Replace with a new one.
4. Turn the water back on.

Change or Clean Air Filters (air cooled models only)

1. Remove front grills.
2. Remove retaining bracket and remove filter.
3. Wash filter in cold water or replace it with a new one.

Clean and Sanitize the Ice Storage Bin

1. Remove ice.
2. Mix 8 oz. Ice Machine Scale Remover (Scotsman Clear 1) with 3 quarts of warm water.
3. Scrub all interior surfaces of the bin with the cleaning solution.
4. Pour balance of solution into the bin. Rinse with one gallon of hot water.
5. Make sanitizing solution. Use locally approved sanitizer or mix 1 ounce of household bleach with 2 gallons of warm water.
6. Thoroughly scrub all interior surfaces of the bin with the sanitizing solution.
7. Pour balance of solution into the bin.

De-scale the Ice Machine Water System.

1. Empty the bin of ice.
2. Locate knobs holding hood to bin and remove them and the hood from ice machine.
3. Remove the right and left grills.
4. Locate the master switch, and move it to the OFF position.
5. Locate knobs holding bin to chassis and remove.
6. Disconnect drain hose from bin.
7. Lift up on front of bin and rotate bin off of chassis.
8. Remove cover plate over reservoir.
9. Block the float up to shut off water flow.
10. Locate the evaporator drain, unplug it and drain the evaporator. Re-plug the drain.
11. Place the bin back onto the chassis and reconnect the drain hose to the bin drain.
12. Mix a solution of 1.5 quarts of warm (95⁰F.- 115⁰F.) water and 4 ounces of Scotsman Clear 1 Ice Machine Scale Remover.
13. Pour the cleaning solution into the reservoir until it is full and wait 20 minutes.
14. Move the master switch to ON, continue to pour cleaning solution into the reservoir until it has all been used.
15. After all of the solution has been poured in, remove the block from under the float.
16. Operate the unit for 15 more minutes.
17. Pour clean water into the bin to melt any ice produced during cleaning.
18. Replace the grills, cover plate and hood.
19. The unit is now ready for automatic operation or sanitizing of the ice storage bin