SECTION 3

ICE MAKER CLEANING INFORMATION

CLEANING & MAINTENANCE

The ice maker should be periodically inspected and cleaned to keep it operating at peak efficiency and to prevent premature failure of system components.

Both the ice making system and the air cooled condenser need to be cleaned regularly.

The minerals rejected from the circulating water during the freezing cycle will eventually form hard scaly deposits in the water system which prevent a rapid release of the ice slab from the freezing plate.

The ice and water system must be cleaned periodically to remove mineral scale buildup. Frequency of needed cleaning depends on water hardness. With hard water (15 to 20 grains/gal. [4 to 5 grains/liter]), cleaning may be required as frequently as every 6 months.

Cleaning Exterior Surfaces

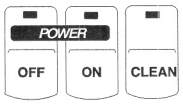
Wash the exterior enamel surface and gasket with warm water and mild soap or detergent. Wipe & Dry. Regular use of good household appliance cleaner and wax will help protect the finish. Do NOT use abrasive cleaners as they may scratch the finish.

For products with stainless steel exteriors, use a clean sponge or soft cloth and mild detergent in warm water. Do NOT use abrasive or harsh cleaners.

Contact the Sub-Zero Customer Service Department for the latest recommendations on stainless steel polishes. (800) 222-7820

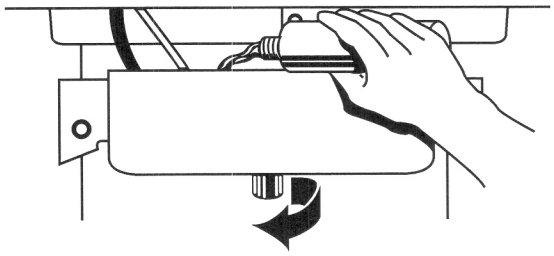
Cleaning the Ice Maker System

NOTE: *Use one 16 oz. (473 ml) bottle of NU CALGON* Nickel Safe Ice Machine Cleaner. (part no. 8171307)*



NOTE: *The CLEAN setting is used whenever solutions are circulated through the ice maker for cleaning. Only the water pump and compressor operate at this setting.*

1. Push the selector switch to OFF.
2. Wait 5 to 10 minutes for the ice to fall into the storage bin. Remove the ice from the storage bin.
3. Unscrew the drain cap from the bottom of the water pan located inside the the storage bin as shown. Allow the water to drain completely.
4. Replace the drain cap.
5. Read and follow all handling information on the cleaner bottle before completing the following steps. Use one 16 oz. (473 ml) bottle of NU-CALGON* Nickel Safe Ice Machine Cleaner.
6. Pour one bottle of solution into the water pan. Then, fill the bottle twice with tap water and pour it into the water pan.



7. Push the selector switch to CLEAN. The light will turn on, indicating that the cleaning cycle is in process. When the indicator light turns off (approximately 45 minutes), the cleaning cycle is complete. During the cleaning cycle, the system will both clean and rinse itself.
8. After the cleaning cycle is complete, remove the drain cap from the water pan to see if any cleaning solution is left in the water pan. If cleaning solution runs from the water pan, run the cleaning cycle again.

NOTE: *Severe scale buildup may require repeated cleaning with a fresh quantity of cleaning solution.*

9. Push the selector switch to ON to resume ice production.

Cleaning the Condenser

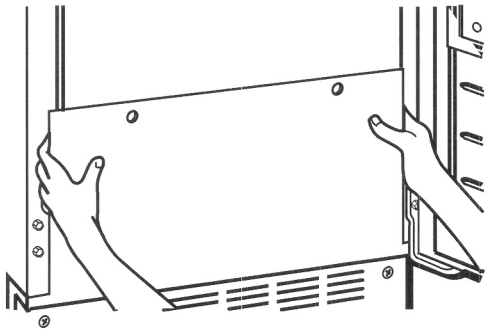
⚠ WARNING

Electrical Shock Hazard
Disconnect power before cleaning.
Replace all panels before operating.
Failure to do so can result in death or electrical shock.

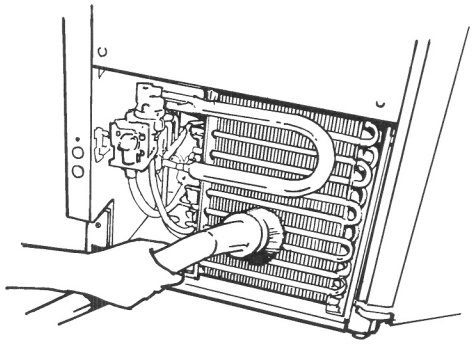
A dirty or clogged condenser:

- Prevents proper airflow.
- Reduces ice making capacity.
- Causes higher than normal operating temperatures which may lead to component failure.

1. Unplug ice maker or disconnect power.
2. Remove the two screws in the lower access panel and the two screws from the base grille area of the front panel support.
3. Pull the bottom forward and then pull down to remove the lower access panel.



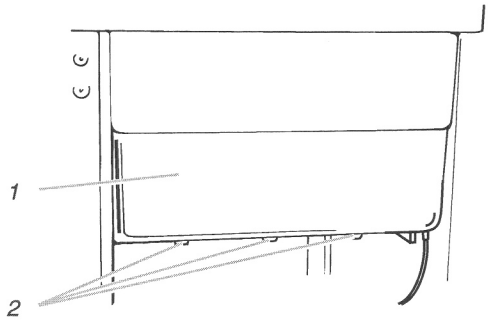
4. Remove dirt and lint from the condenser fins and the unit compartment with a brush attachment on a vacuum cleaner.



5. Replace the lower access panel using the four screws.
6. Plug in ice maker or reconnect power.

Cleaning the Interior Components

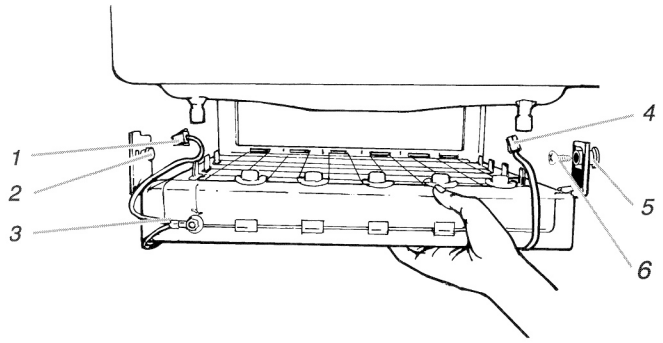
1. Unplug ice maker or disconnect power.
2. Open the storage bin door and remove any ice that is in the bin.
3. Remove the drain cap from the water pan and drain thoroughly. Replace the drain cap.
4. Remove the three screws that hold the cutter grid cover in place.



1. Cutter Grid Cover
2. Screws

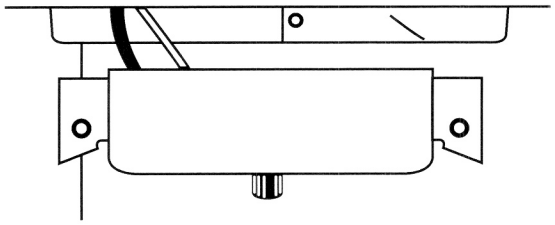
5. Unplug the wiring harness from the left side of the cutter grid.
6. Unplug the ice level sensor from the right side of the cutter grid. Pull the ice level sensor down and forward, away from the cutter grid.
7. Remove the right-hand screw and loosen the left-hand screw. Lift the cutter grid up and out, over the left-hand screw.

   NOTE: *Make sure the plastic spacer from the right-hand side of the cutter grid bracket stays with the cutter grid.*



1. Cutter Grid Harness
2. Left-Hand Screw
3. Cutter Grid
4. Ice Level Sensor Harness
5. Plastic Spacer
6. Right-Hand Screw

8. Remove the two screws that hold the water pan in place. Push down with one hand on the front of the pan while pulling forward on the bottom back side.



9. Wash the interior components (cutter grid, exterior of hoses, and water pan) and the storage bin, door gasket, and ice scoop with a mild soap or detergent and warm water. Rinse all with clean water. Then clean the same parts with a solution of 1 tablespoon (15 mL) of household bleach in 1 gallon (3.8 L) of warm water. Rinse again thoroughly with clean water.

   NOTE: *Do not remove hoses. Do NOT wash plastic parts in dishwasher. They cannot withstand temperatures above 145°F (63°C).*
10. Replace water pan by pushing back on the bottom with one hand while pushing up and back on the top. Secure the water pan by replacing both screws.
11. Check the following:
    - Drain cap from the water pan is replaced.
    - Hose from water pan is inserted into the storage bin drain opening.
12. Slide the cutter grid back into place and secure it by replacing the right-hand screw and plastic spacer. Then tighten the left-hand screw. Reconnect the cutter grid and ice level sensor harnesses.
13. Plug in ice maker or reconnect power.