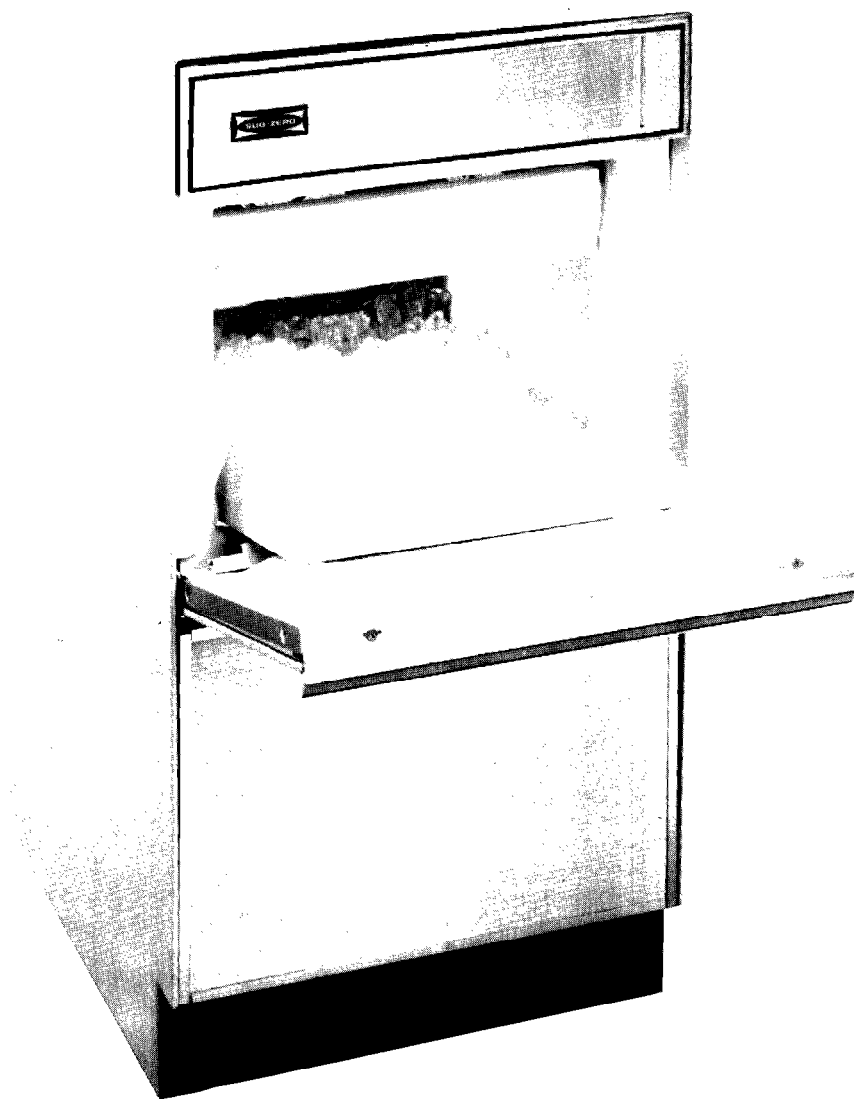


SUB-ZERO

AUTOMATIC ICE CUBE MAKER[®]
Use and Care Guide



Model 506

4196

SUB-ZERO AUTOMATIC ICE MAKER

MAKING ICE

Water continuously circulates over a freezing plate. As the water freezes into ice, minerals in the water are constantly being rejected and a clear sheet of ice is formed.

The ice maker will make the ice sheet approximately $\frac{1}{2}$ " thick with the ice thickness control (left control knob) set at "normal". Adjustment of the thickness control will cause the machine to make thinner or thicker sheets of ice.

When the desired ice thickness is reached the ice sheet automatically slides onto a cutter grid where it is divided into individual cubelets.

At the end of each freezing cycle, the water containing the rejected minerals is discharged to the drain. Fresh water then enters the machine for the next ice making cycle.

The ice sheet is divided into cubelets ($\frac{3}{4}$ " x $\frac{3}{4}$ ").

Cubes fall into the insulated storage bin. When the bin is full, the ice maker turns off automatically, then starts up again when the ice supply needs replenishing.

Before starting your Ice Maker

After ice maker is installed and before it is turned on, you will probably want to wash the inside of the storage bin. Use a solution of two tablespoons of baking soda to one quart of warm water. Rinse thoroughly and dry.

- Make certain the water is turned on.
- Turn switch to the "ON" position.

IMPORTANT:

Allow unit to run for 3 hours before expecting ice and for 24 hours before trying to set the thickness control.

Things to Remember

- Water enters only during the defrost cycle. Therefore the first cycle will be completed without water in the system.
- As the room and water temperatures vary, so will the amount of ice produced. This means that high operating temperatures will result in reduced ice production.
- The unit will shut off when ice in the storage bin touches the bin thermostat well and will automatically cycle to keep the bin full.
- The storage bin is not refrigerated and some meltage will occur. This, too, varies with the room temperature.

Oiling

All components of the ice maker are lubricated at the factory and should not require any additional oiling for the normal life of the machine.

Filtering and Treating Water

In some areas it may be beneficial to filter or treat the water being supplied to the ice machine to reduce water system maintenance (cleaning and removal of scale deposits) and to produce the best type of ice.

For information on filtering and treating the water see your local plumber or Authorized Service Agency.

Light Replacement

To replace the light bulb (G.E. #912, 12.8V) remove the grid cover at top of ice bin by removing thumb screws. Bulb is located behind grid cover. Replace bulb and grid cover.

Cleaning Exterior Surfaces

Cabinets may be cleaned simply by wiping with a damp cloth.

Door Gasket

The vinyl gasket strip around the inside of the door keeps the door sealed. Wash it regularly with a solution of warm water and detergent. Rinse thoroughly and dry.

Toe Space Plate

Do not block the toe space plate at bottom of unit. Obstruction of airflow could result in malfunction. It is recommended this toe plate be vacuumed periodically.

Cleaning and Sanitizing the Ice Making System

Impurities are rejected from the circulating water that freezes into ice. These impurities collect on the freezing mechanism and in the water system. The complete system, therefore, should be periodically cleaned and sanitized.

The cleaning and sanitizing procedure is not too difficult, however, having an Authorized service representative clean the system the first time should make subsequent cleanings easier to perform if you wish to take over this portion of the ice machine maintenance.

NOTE: An indication that the ice maker needs cleaning is when you notice a gradual reduction in the rate of ice produced.

NOTE: This is not a warranty function.

Instructions for cleaning the ice maker mechanism are attached to the door liner.

Size of Ice Cubes

The ice maker will make ice cubes approximately ½" thick with the ice thickness control knob set at "normal". If you prefer them a little thinner or thicker, adjust the ice thickness cycle control counterclockwise for thinner cubes or clockwise for thicker cubes.

No defrosting needed

Unlike most refrigeration systems, your ice maker will *never* have to be defrosted.

Shut Down of Ice Maker

It is not necessary to turn your ice maker off if the ice machine is not to be used for a 3 to 4 week period. The switch in the ice bin automatically shuts the unit off whenever the bin is full of ice. If your ice maker is to be shut off for several months then the ice should be removed from the bin and the unit should be cleaned and sanitized. Cleaning and sanitizing instructions are on the back of the inside door cover. Arrange to have the water line disconnected, and the water removed from the water pan and drain line. Unplug the machine or disconnect the electricity to the machine.



12-YEAR PROTECTION PLAN **Full 2 Year Warranty on the Total Product** **Full 5 Year Warranty and Limited 6th Through** **12th Year Warranty on the Sealed System**

FULL TWO YEAR WARRANTY

For two years from the date of original installation, your Sub-Zero warranty covers all parts and labor to repair or replace any part of the product which proves to be defective in materials or workmanship.

FULL FIVE YEAR WARRANTY

For five years from the date of original installation, your Sub-Zero warranty covers all parts and labor to repair or replace any components that prove to be defective in materials or workmanship in the sealed system. The sealed system consists of the compressor, condenser, evaporator, drier and all connecting tubing.

LIMITED 6TH THROUGH 12TH YEAR WARRANTY

From the 6th through the 12th year from the date of original installation, your Sub-Zero warranty covers all parts that prove to be defective in materials or workmanship in the sealed system (parts only). The sealed system consists of the compressor, condenser, evaporator, drier and all connecting tubing.

TERMS APPLICABLE TO EACH WARRANTY

All service provided by Sub-Zero under the above warranty must be performed by authorized Sub-Zero service representatives, unless otherwise specified by Sub-Zero. Service will be provided in the home during the normal business hours. This warranty applies only to products installed for normal residential use. A separate nonresidential warranty is available upon request.

The warranty applies only to products installed in any one of the fifty states of the United States, the District of Columbia or the ten provinces of Canada. This warranty does not cover any parts or labor to correct any defect caused by negligence, accident or improper use, maintenance, installation, service or repair, including but not limited to improper removal and reinstallation (whether in the unit or at a remote location) of the condensing unit.

THE REMEDIES DESCRIBED ABOVE FOR EACH WARRANTY ARE THE ONLY ONES WHICH SUB-ZERO WILL PROVIDE, EITHER UNDER THESE WARRANTIES OR UNDER ANY WARRANTY ARISING BY OPERATION OF LAW. SUB-ZERO WILL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM THE BREACH OF THESE WARRANTIES OR ANY OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

To receive parts and/or service and the name of the Sub-Zero authorized service representative nearest you, contact your Sub-Zero dealer or distributor or contact Sub-Zero Freezer Company, Service Department, P.O. Box 44130, Madison, WI 53744-4130 or call: (800) 222-7820.

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