

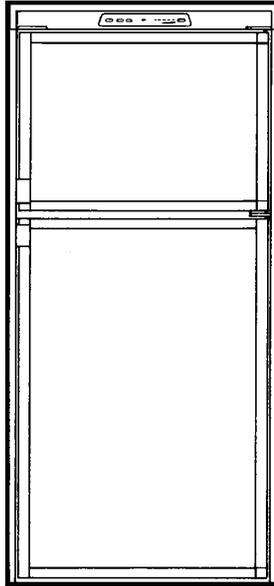
When ordering spare parts always state:

Product No. - Model No. - Quantity - Part Number
- Description

For electric details also:

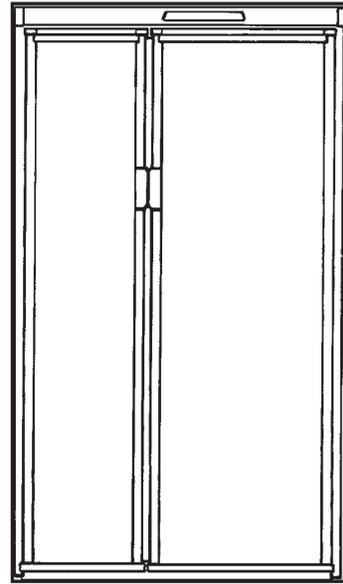
Voltage - Wattage

REFRIGERATOR ICE MAKER OPERATION



MODELS

RM3662, RM3663
RM3862 RM3863
RM4872, RM4873
NDR1062



MODELS

RM7732 NDR1292
RM1272 NDR1492
NDR1272

SERVICE OFFICE

The Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761
(219) 463-4858

CANADA

Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
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For Service Center

Assistance Call:
800-544-4881

KIT NUMBER

3108705.702 w/ Heater

RM3662 RM3663

RM3862 RM3863

3108705.710 w/ Heater

RM4872 RM4873

3107665.006 w/ Heater

NDR1062

3108705.728 w/ Heater

RM7732

3108706.429 w/ Heater

RM1272

3108705.587 w/ Heater

NDR1272

3108706.668 w/ Heater

NDR1292

3108706.676 w/ Heater

NDR1492

OPERATING INSTRUCTIONS

REVISION

Form No. 3108423.017 2/99

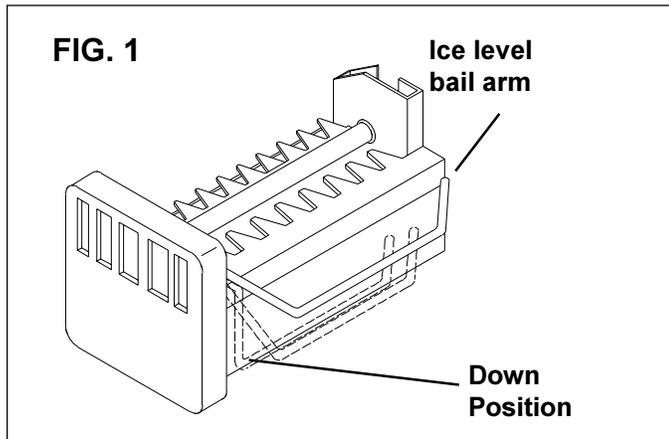
(French 3119436.000)

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LaGrange, IN 46761

A. GENERAL INSTRUCTIONS AND OPERATION

1. The refrigerator must be connected to 120 volts AC (VAC) before the ice maker can operate. The water valve supplying the refrigerator must be turned on, and the ice level bail arm in the fully down position. See Figure 1).



2. On absorption driven ice maker models, the refrigerator thermostat setting will directly influence the ice yield of the unit. When operating the refrigerator thermostat control at a "MID" or "LOWER" setting, the thermostat should be placed to a higher setting during expected ice maker production or demand. When not requiring high ice making yields, the refrigerator should be positioned back to a normal operating setting.
3. When the ice maker thermostat senses the preset temperature for the ejection of the ice cubes, the fingers will start to rotate, dumping any ice cubes and filling the mold with water. When the storage container is full, the bail arm will come in contact with the ice cubes. The bail arm cannot return to the full down position and the ice production is stopped until the bin is emptied, or ice cubes are removed.
4. To prevent water from splashing out of the mold assembly when your recreational vehicle is moving, raise the bail arm to the full "UP/OFF" position about 1-1/2 hours before departing. This will allow the water in the mold to freeze.
5. Due to the continued influx of water to the ice maker mechanism and freezer compartment, frost formation will naturally be accelerated in any absorption ice maker model. A frost accumulation of approximately 1/2 inch or thicker accumulation will begin to impede the cooling and ice making production of the unit. A simple defrost operation may be required to resume normal ice maker production.

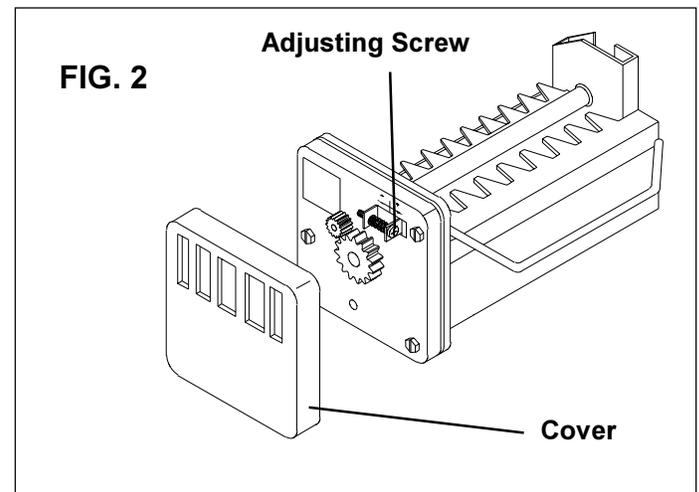
B. WATER SUPPLY

The water supply system must have a minimum pressure of 15 pounds per square inch gauge (psig). A 1/4" diameter water line to the water valve should be used at the rear of the refrigerator. The water line must have a manual shutoff valve placed where it is easily accessible.

C. HOW TO ADJUST SIZE OF CUBES

Note: If the ice maker was cleaned and drained, no ice cubes will be dumped into the bin during the first cycle.

1. The first few cycles may have small cubes due to air trapped in the water lines. The first container of ice cubes should be dumped if the water system has been winterized or not used for several weeks.
2. Once the ice maker has run through several cycles and if cubes are too small or sticking together, adjustment is necessary on the amount of water entering the mold.
3. Remove the protective cover from the ice maker mechanism. See Figure 2.



4. Locate the adjusting screw under the protective cover. Turn the screw counterclockwise to increase the size of cubes. Turn the screw clockwise to decrease the cube size or if the mold is overfilling, and the cubes are stuck together.

Important: To prevent overfilling, DO NOT turn the adjustment screw more than one revolution at a time. Allow the ice maker to cycle several times before another adjustment is made. Be sure to replace the protective cover on the cycle after the adjustments are complete.

D. WINTER OPERATION

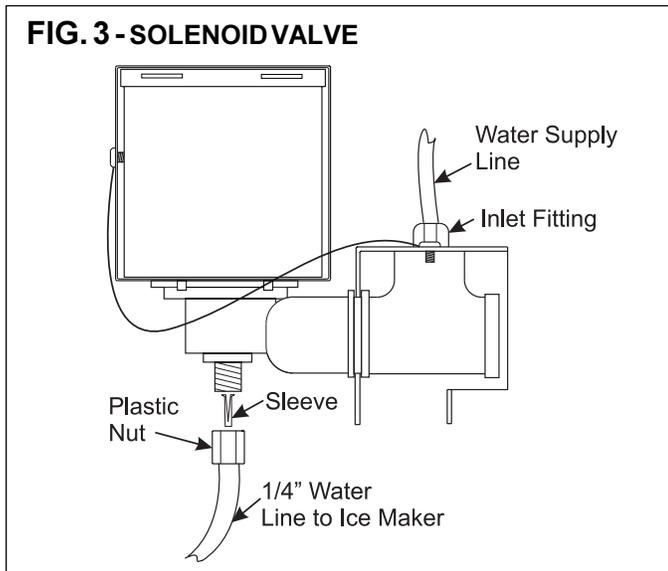
1. Your refrigerator is equipped with a heater tape wrapped around the water solenoid valve and outlet water tube. During cold weather operation below 32 degrees F (0 degrees C) the automatic temperature switch will turn the heater tape on automatically. If the recreational vehicle is in storage and the DC power is turned "OFF" there will be no 12V DC present to operate the heat tape; therefore, it will be necessary to drain the ice maker.
If temperatures are expected to reach or exceed 0 degrees F (-18 degrees C) the ice maker must be drained.

Follow the instructions in Section E - How to Drain the Ice Maker.

E. HOW TO DRAIN THE ICE MAKER

Note: Water, compressed air and AC power are required to drain the ice maker. Draining of the ice maker must be done by a qualified service technician.

1. If the RV will not be in use for an extended period of time or put into storage, the ice maker should be drained and dried. This will prevent water from freezing in the solenoid valve or becoming stale and producing bad tasting ice.



2. Close the shutoff valve in the water supply line to the ice maker. See Figure 3.
3. Place a shallow pan under the water solenoid valve.
4. The inlet fitting should be removed from the water solenoid valve. Drain water from the supply line. See Figure 3.
5. Remove the plastic nut and water line from the outlet side of the water solenoid valve. Drain water from line. See Figure 3.

6. Connect compressed air onto the inlet fitting of the water solenoid valve. See FIG. 3. Apply AC power to the solenoid valve by forcing the ice maker mold assembly through several harvest cycles. Remove the plastic cover from the mold assembly. The bail arm must be in the down ("ON") position. Start the harvest cycle with a flat blade screw driver inserted into the center of the small gear. Turn the gear counterclockwise, when the hold switch closes, the mold assembly will continue to operate through the harvest cycle. See FIG. 4. During the water fill sequence of the harvest cycle the compressed air will blow out the water trapped in the solenoid valve. Repeat the harvest cycle operation several times.

Note: Up to 20 PSIG air pressure can be used to clear the solenoid valve. AC power can be applied to the solenoid valve for a maximum of 20 seconds.

7. **Make sure that the metal sleeve is in the plastic water line to the ice maker.** Reconnect the inlet and outlet water lines on the water solenoid valve. Leave the water supply turned off. See Figure 3.
8. Dry out the ice maker mold assembly with a soft cloth. Place bail arm in the "UP/OFF" position.

