MAINTENANCE & SERVICE

CAUTION

If your refrigerator stops cooling, immediately turn the refrigerator off and see a Dometic dealer.

STORAGE PROCEDURE / WINTERIZING THE REFRIGERATOR

RM1350IM, RM1350MIM, RM1350WIM & RM1350WID

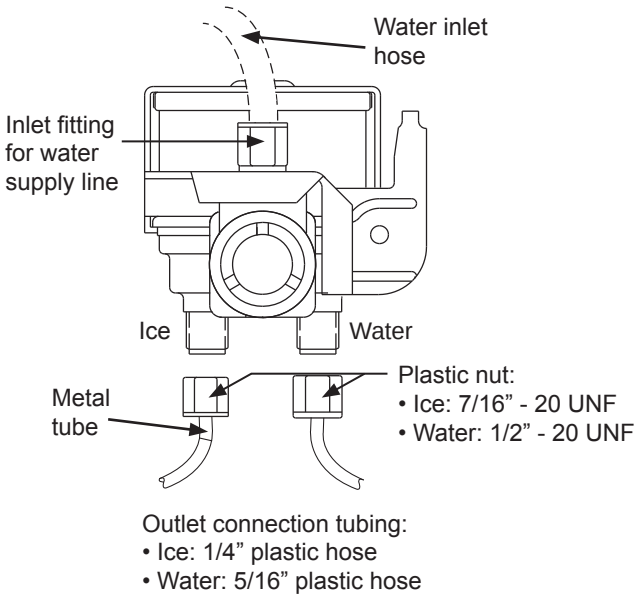
The refrigerator is equipped with a heater tape wrapped around the water solenoid valve and outlet water tube. During cold weather operation below 32 °F/0 °C the automatic temperature switch will turn the heater tape on automatically.

If the RV is in storage and the refrigerator or 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 and dry the ice maker and the water dispenser (if applicable).

This will prevent water from freezing in the solenoid valve or becoming stale and producing bad tasting ice.

If the ambient temperature is expected to fall below 32 °F/0 °C, the ice maker and water dispenser (if applicable) must be drained to prevent component damage and leaks. For instructions, see the following sections DRAINING THE ICE MAKER and DRAINING THE WATER DISPENSER.

WATER SOLENOID VALVE - RM1350WIM & RM1350WID



DRAINING THE ICE MAKER

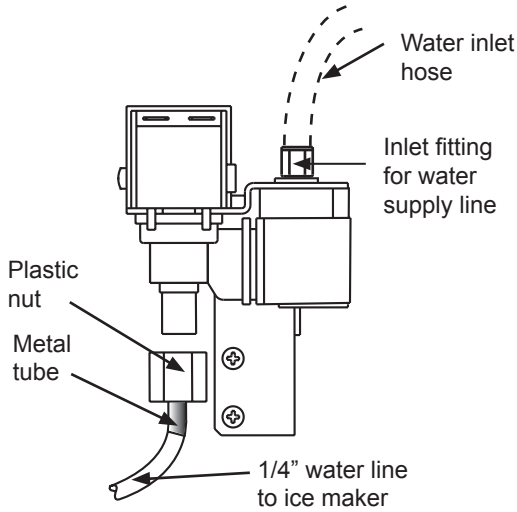
Draining of the ice maker must be performed by qualified service personnel only. Water, compressed air and AC power are required.

Before starting the draining procedure, make sure the RV is level!

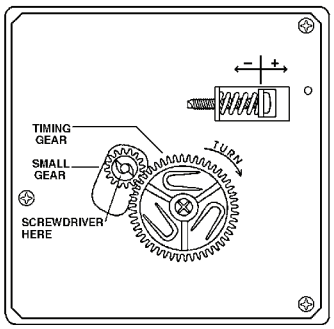
TO DRAIN THE ICE MAKER, FOLLOW THESE STEPS:

1. Shut off water supply valve
2. Place a shallow pan under water solenoid valve.
3. Remove inlet fitting to ice maker water solenoid valve.

WATER SOLENOID VALVE - RM1350IM



4. Drain water from the supply line.
5. Remove the plastic nut and water line from outlet side of the water solenoid valve.
6. Drain water from the line.
7. Connect compressed air onto the inlet fitting of the water solenoid valve.
8. Apply AC power to the solenoid valve by forcing the ice maker mold assembly through several harvest cycles.
9. Remove the plastic cover from the mold assembly. The bail arm must be in the down (“ON”) position.
10. Start the harvest cycle with a flat blade screw driver inserted into the center of the small gear.



11. Turn the gear counter clockwise, when the hold switch closes, the mold assembly will continue to operate through the harvest cycle. During the water fill sequence of the harvest cycle the compressed air will blow out the water trapped in the solenoid valve.

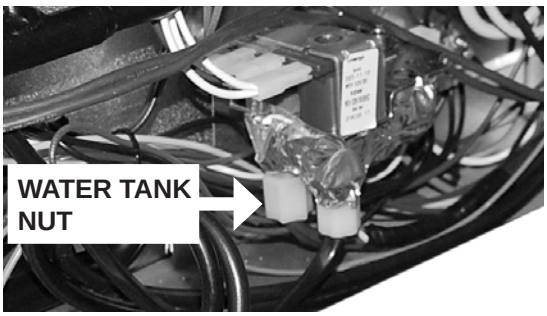
12. Repeat the harvest cycle operation several times. Up to 20 PSIG air pressure can be used to clear the solenoid valve. Damage to solenoid can occur if AC power is applied for more than 20 seconds.
13. Make sure that the metal tube is in the plastic water line to the ice maker.
14. Reconnect and tighten lines on water solenoid valve. Leave the water supply turned off until temperatures are above 32 °F/0 °C.
15. Dry the ice maker mold assembly with a soft cloth.
16. Place bail arm in the "UP/OFF" position.

DRAINING THE WATER TANK (RM1350WIM & RM1350WID)

If the temperature can drop below freezing, have a qualified servicer drain the water supply system (including the water tank and the water valve).

TO DRAIN THE WATER TANK, FOLLOW THESE STEPS:

1. Locate the water solenoid valve at the back of the refrigerator.
2. Place a dishcloth beneath the valve. Unscrew the innermost nut (water tank). Let the water drain into a vessel of approx. 34 fl. oz (1 liter).



3. Go to the front of the refrigerator. Gently apply compressed air as shown in the pictures below.

RM1350WIM

RM1350WID

4. Reconnect hose to water valve. Tighten nut properly.

ELECTRIC EQUIPMENT

REPLACING THE HEATER

The heat necessary for the operation of an absorption cooling unit is supplied by an electric heater mounted in a pocket of the boiler system. The refrigerator is equipped with a series connected twin heater.

TO REPLACE THE HEATERS, FOLLOW THESE STEPS:

1. Turn off the refrigerator. Unplug the power cord and disconnect the 12V DC power.
2. Open the power module cover.
3. Disconnect the heater leads.
4. With a pair of pliers, unfold the lug holding the lid of the boiler casing and then, open the lid.
5. Remove some insulation wool for the heater to be accessible.
6. Turn and lift the heaters out of the pocket.
7. Fit the new heaters into the pocket.
8. Connect the leads and close the power module cover.
9. Put back the insulation wool.
10. Close the lid of the boiler.

REPLACING THE FUSES

The refrigerator is equipped with the following 3 fuses:

- 5 A fuse for 12V DC.
- 5 A fuse for the AC heaters.
- 3 A in-line fuse for the fan and heat tape and for RM1350IM, RM1350MIM, RM1350WIM & RM1350WID for the ice maker, water and ice dispensers.

TO REPLACE A FUSE, FOLLOW THESE STEPS:

1. Turn off the refrigerator and unplug the power cord.
2. Open the power module cover.
3. Snap the fuse out of the fuse holder.
4. Fit the new fuse in to the fuse holder.
5. Close the power module cover.

PERIODIC MAINTENANCE

CHECKING THE CONNECTIONS

LP gas is a flammable gas which has the potential to create a hazard. Do not smoke or create sparks when working on or near the LP gas system.

⚠ WARNING

EXPLOSION HAZARD. Never use an open flame to check for gas leaks. Failure to heed this warning could cause an explosion resulting in death or severe personal injury.