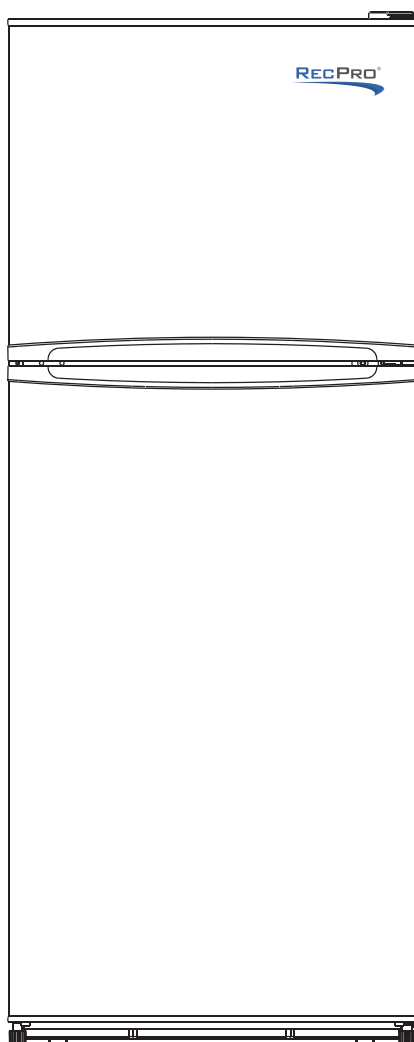




## **10CU. FT. TOP MOUNT REFRIGERATOR INSTRUCTION MANUAL**

**Model No.: RP-RFG-10-SS**



**To ensure proper use of this appliance and your safety, please read the following instructions completely before operating this appliance.**

# TABLE OF CONTENTS

---

|                                    |     |
|------------------------------------|-----|
| FEATURES AND PARTS .....           | 3   |
| IMPORTANT SAFETY INSTRUCTIONS..... | 4-5 |
| OPERATING YOUR REFRIGERATOR.....   | 6-7 |
| INSTALLING YOUR REFRIGERATOR ..... | 7-8 |
| CARE & MAINTENANCE .....           | 9   |
| TROUBLESHOOTING GUIDE.....         | 10  |

## Usage Note

### Do not remove the back panel during installation.

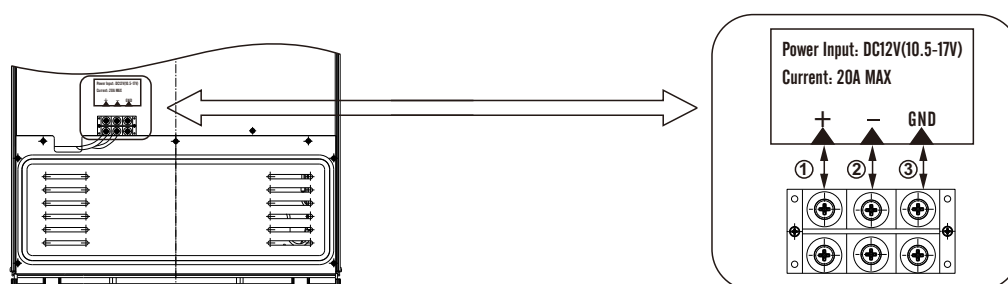
1. A reliable connection is necessary for normal use. The following requirements of the unit wire and outer wire must be met to achieve an optimally reliable connection:

| Wire size | The max length (Feet)                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------|
| 13 AWG    | 8 Feet                                                                                                      |
| 12 AWG    | 13 Feet                                                                                                     |
| 10 AWG    | 20 Feet                                                                                                     |
| 8 AWG     | 33 Feet                                                                                                     |
| 6 AWG     | 50 Feet                                                                                                     |
| Remarks:  | 14 AWG wire is not recommended. 13 AWG wire or Larger is recommended.                                       |
|           | This DC unit is not equipped with a power source. Please purchase a power source from an authorized dealer. |

2. Using a DC power supply is NOT recommended when using an AC to DC adapter or converter. Good, clean ground connections are also necessary for safe and reliable operation of the DC refrigerator.

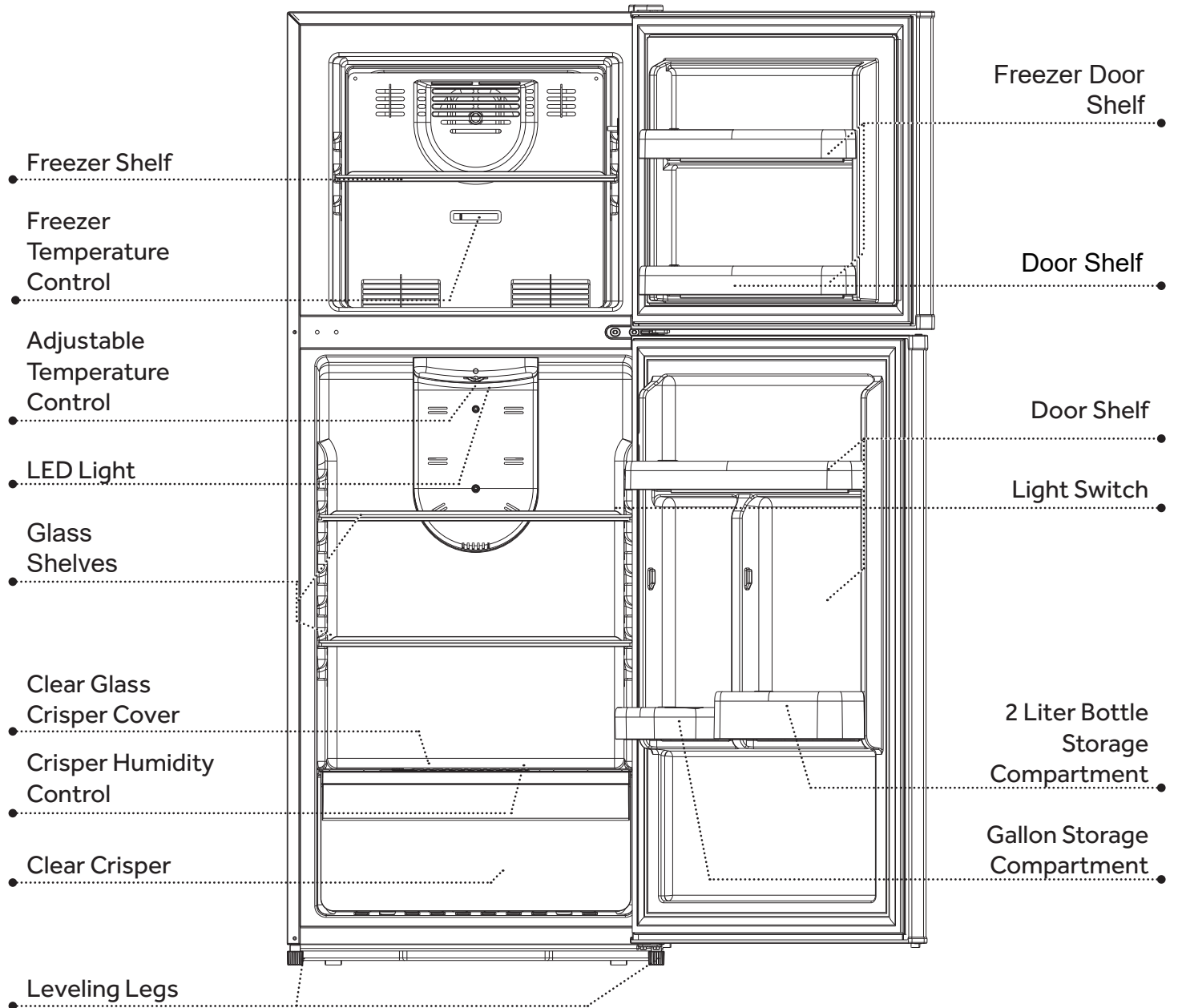
3. It is recommended that only authorized or qualified professionals perform repair services on unit.

## Wire connection diagram



1. Connect ① terminal with Positive pole of 12V DC.
2. Connect ② terminal with Negative pole of 12V DC.
3. If the unit is installed in an RV, The ③ GND terminal should be connected to a metal portion of the RV.

# FEATURES AND PARTS



# Important Safety Instructions



## **WARNING**

To reduce the risk of fire, electrical shock, or injury follow these safety guidelines when using your refrigerator.

---

- 1) **WARNING**----Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- 3) **WARNING**----Do not damage the refrigerant circuit to increase the risk of a leak when handle, move, clean and use of product.
- 4) **WARNING**----Do not use electrical appliances inside the food storage compartments of the appliances, unless they are of the type recommended by the manufacturer.
- 5) **WARNING**----Never allow children to play with, operate, or crawl inside the product. Risk of child entrapment. Before you throw away your old product:
  - ▲ Take off the doors
  - ▲ Leave the shelves in place so that children may not easily climb inside.
- 6) The appliance has to be unplugged before performing user maintenance.
- 7) This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and maintenance should not be performed by children without supervision.
- 8) If the POWER CORD is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons in order to avoid a hazard.
- 9) Please dispose of the product according to local regulations as the unit contains flammable gas and refrigerant.
- 10) Follow local regulations regarding disposal of the appliance due to flammable refrigerant and gas. All refrigeration products contain refrigerants, which under the guidelines of federal law must be removed before disposal. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product.
- 11) This appliance is intended to be used in household and similar environments; such as:
  - ▲ staff kitchen areas in shops, offices, and other working environments
  - ▲ farm houses and by clients in hotels, motels, and other residential type environments
  - ▲ bed and breakfast type environments
  - ▲ catering and similar non-retail applications.
- 12) Do not store or use gasoline or any flammable liquors and liquids inside or in the vicinity of product.
- 13) Do not use extension cords or ungrounded (two prong) adapters with this appliance. If the power cord is too short, have a qualified electrician install an outlet near the appliance. Use of an extension can negatively affect the performance of this appliance.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

Warning: The appliance is for indoor use only.

⚠ The refrigerant and gas are flammable. When disposing of the appliance, do so only at an authorized waste disposal centre. Do not expose to flame.

⚠ Cleaning and user maintenance shall not be performed by children without supervision.

#### Refrigerant

The refrigerant isobutene (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable. During transportation and installation of the appliance, ensure that none of the components of the refrigerant circuit becomes damaged.



Warning; Risk of fire/flammable materials

If the refrigerant circuits become damaged:

- ⚠ Avoid open flames and sources of ignition.
- ⚠ Thoroughly ventilate the room in which the appliance is situated.

#### **BEFORE USING**

- Before connecting the appliance to the power supply, let it stand for about 2 hours, which will reduce a possibility of malfunctions in the cooling system due to transportation.
- ⚠ Clean the interior and exterior of the appliance.
- ⚠ In case the interior accessories are not correctly placed, rearrange them as described in chapter “FEATURES AND PARTS”.

#### **Instructions for Use**

These instructions for use are intended for the user. They describe the appliance and its correct and safe use. These instructions have been prepared for several types/models of refrigerators. Therefore, these instructions may describe parts, functions, or accessories that your model does not have.

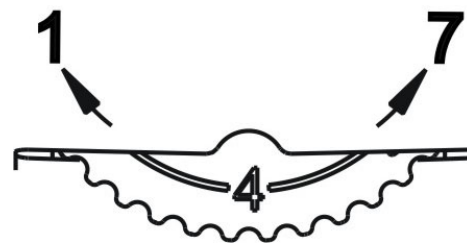
#### **TIPS FOR ENERGY SAVING**

- Try not to open the door too often, especially when the weather is wet and hot. Once you open the door, close it as soon as possible.
- Every now and then check if the appliance is sufficiently ventilated (adequate air circulation around the appliance).
- Set thermostat from higher to lower settings as soon as possible (depends on how loaded the appliance is ambient temperature etc).
- Before loading the appliance with packages of fresh foods, make sure they are cooled to ambient temperature.

# Operating Your Refrigerator

## Temperature Control

The temperature control is located inside the refrigerator compartment on the top. The refrigerator compartment temperature control ranges from “1”, cold setting, to “7”, coldest setting. The first time the unit is turned on, adjust the temperature control knob to a higher (colder) setting and run for at least 24 hours before readjusting the temperature and placing food inside. This will ensure the cabinet is thoroughly chilled before food is placed into the refrigerator.



If you choose to change the thermostat setting, adjust the thermostat by one increment at a time. After each movement of the control knob, allow several hours for the unit to adjust completely. Large amounts of food may lower the cooling efficiency of the appliance.

### NOTE

**If the unit is unplugged or loses power; you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the refrigerator may not start.**

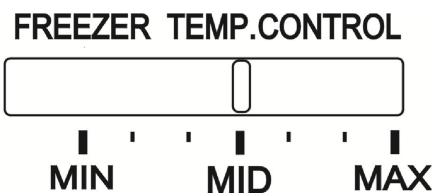
## Replacing the Interior Light

Before removing the light bulb, turn the refrigerator temperature control to the “1” position. Replace the old bulb with a new bulb of the same wattage and size.

# Freezer Compartment Operation

## Temperature Control

Your refrigerator has one control for regulating the temperature in the freezer compartment. The freezer temperature control is located on the freezer compartment's interior back panel. For the best performance, leave the freezer control at the midpoint and adjust the refrigerator compartment temperature control. Adjust the freezer control one increment at a time until the desired temperature is reached.



### NOTE

**Do not store canned foods or food stored in glass containers in the freezer compartment.**

## IMPORTANT

- ⚠ **DANGER:** Risk of child entrapment. Remove the doors when throwing away your old fridge. Leave the shelves in place so that children cannot easily climb inside.
- ⚠ The appliance must be correctly connected to the power supply.
- ⚠ Do not use an extension cord or ungrounded (two prong) adapters.
- ⚠ Do not touch the cooled surfaces while the appliance operates, especially not with wet hands, because the skin may stick to the cold surfaces.
- If the food has strange smell or color, throw it away, because it is very likely that it is spoiled and therefore dangerous to eat.
- Disconnect the appliance from the power supply before repairing it (only a qualified technician should repair it), before cleaning.
- The rating plate is inside the appliance or outside on the rear wall.

## Installation Instructions

### Before Using Your Refrigerator

- Remove the exterior and interior packing.
- Before connecting the refrigerator to the power source, let it stand upright for approximately 4 hours. This will reduce the possibility of a malfunction in the cooling system from improper handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth. (Cleaning instructions on page 9)

### Location

- This appliance is designed to be free standing only.
- Allow 1 inch of clearance space between the back and sides of the refrigerator, to allow proper air ventilation.
- **Avoid Installation:**
  - On weak surfaces unable to support refrigerator when fully loaded.
  - In direct sunlight and sources of heat (stove, heater, radiator, etc.) will hinder the performance of this appliance.

### Installing Your Refrigerator

- Adjust the leveling feet to keep the refrigerator level.

### Electrical Connection



#### **WARNING**

**Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.**

---

This refrigerator should be properly grounded for your safety.

This refrigerator requires a standard 12V, electricity  $\geq 15A$ . Direct connection with AC power source is forbidden.

Do not connect this unit to an AC power source.

To prevent accidental injury, the electrical cord should be secured behind the refrigerator, and not left exposed or dangling.

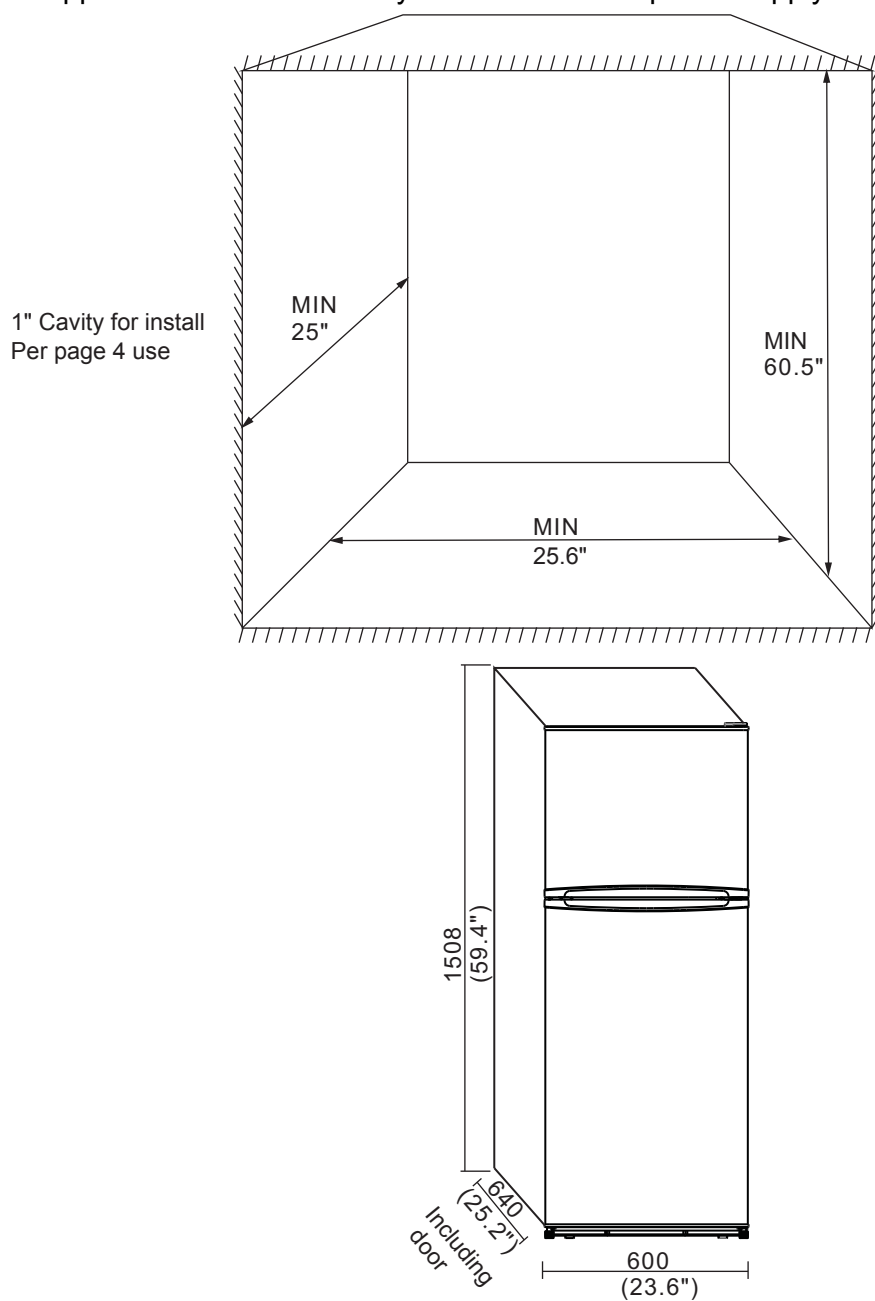
# Installation

Install the refrigerator in a convenient location away from extreme heat and cold. Allow sufficient clearance between the refrigerator and side wall so the door(s) will open without obstruction. Refrigerator is not designed for recessed installation.

Select a space with strong level flooring.

Allow 1 inch of space between the refrigerator's side and the wall.

The appliance must be correctly connected to the power supply.



- Note: The door should protrude at least 1" beyond the surrounding cabinets.

### **The Freezer Compartment**

This compartment is designed for the long-term storage of frozen food. The storage life of frozen foods varies and the recommended storage time should not be exceeded. Place frozen food into the freezer as quickly as possible after purchase. If there are instructions on the packet, carefully follow these instructions regarding storage times.

## **Care and Maintenance**

### **Cleaning Your Refrigerator**

- Clean interior and parts with a cloth soaked in lukewarm water and baking soda solution. A solution of 2 tablespoons baking soda to a quart of water will clean and neutralize odors. Rinse and wipe dry.
- Be sure to keep the door gasket (seal) clean to keep the unit running efficiently.
- The outside of the refrigerator should be cleaned with a warm damp cloth and mild detergent. Do not use harsh or abrasive cleaners.
- Never clean refrigerator parts with flammable fluids. The fumes can create a fire hazard.

### **Vacation Time**

- For long vacations, remove all food.
- Clean the interior and leave doors open to avoid possible odor or mold formation.
- Use extreme caution in the case of children. The unit should not be accessible to child's play.

### **Moving Your Refrigerator**

- Disconnect the power source.
- Remove all the food and securely tape down all loose items such as shelves, drawers, and doors.
- Be sure the refrigerator stays in the upright position during transportation.

### **Energy Saving Tips**

- The refrigerator should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.
- Let hot foods cool to room temperature before placing in the refrigerator.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the refrigerator. This cuts down on frost build-up inside the refrigerator.
- Organize and label food to reduce door openings and extended searches

# Troubleshooting Guide

You can solve many common refrigerator problems easily, saving you the cost of a possible service call. Try the suggestions below to see if you can solve the problem before calling for service.

| <b><i>Problem</i></b>                                       | <b><i>Possible Causes</i></b>                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Refrigerator does not operate</b>                        | <ul style="list-style-type: none"> <li>Refrigerator is unplugged.</li> <li>The circuit breaker is tripped/ fuse blown.</li> </ul>                                                                                                                                                                                                                                                                             |
| <b>Compressor turns on and off</b>                          | <ul style="list-style-type: none"> <li>The room temperature is warmer than normal</li> <li>Door is left open or is frequently opened.</li> <li>The refrigerator does not have the correct clearances.</li> <li>The refrigerator has recently been disconnected for a period of time.</li> </ul>                                                                                                               |
| <b>Refrigerator compartments are too warm</b>               | <ul style="list-style-type: none"> <li>Temperature control is not set correctly.</li> <li>Door is left open or is frequently opened.</li> <li>The door gasket does not seal properly.</li> <li>A large amount of warm or hot food was stored recently. Wait for the refrigerator to reach its selected temperature.</li> <li>The refrigerator has recently been disconnected for a period of time.</li> </ul> |
| <b>Vibrating or rattling (slight vibration is normal)</b>   | <ul style="list-style-type: none"> <li>Leveling legs need adjusting</li> <li>Refrigerator is placed on an uneven or weak surface.</li> <li>The refrigerator is touching the wall. Re-level the refrigerator and move it away from the wall.</li> </ul>                                                                                                                                                        |
| <b>Temperature of external refrigerator surface is warm</b> | <ul style="list-style-type: none"> <li>The exterior refrigerator walls can be as much as 30°F warmer than room temperature.</li> <li>This is normal while the compressor works to transfer heat from inside the refrigerator cabinet.</li> </ul>                                                                                                                                                              |
| <b>Moisture collects inside the refrigerator</b>            | <ul style="list-style-type: none"> <li>Door is left open or is frequently opened.</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| <b>Moisture forms on outside of refrigerator</b>            | <ul style="list-style-type: none"> <li>Is normal in hot and humid weather. Air carries moisture into the refrigerator when doors are opened.</li> </ul>                                                                                                                                                                                                                                                       |
| <b>Bubbling or gurgling sounds (like boiling water)</b>     | <ul style="list-style-type: none"> <li>This is the normal sound of refrigerant (used to cool refrigerator) circulating throughout the system.</li> </ul>                                                                                                                                                                                                                                                      |
| <b>Popping or cracking sounds when compressor comes on</b>  | <ul style="list-style-type: none"> <li>This is normal. Metal parts undergo expansion and contraction, like hot water pipes. The sound will level off or disappear as refrigerator runs.</li> </ul>                                                                                                                                                                                                            |
| <b>The door will not close properly</b>                     | <ul style="list-style-type: none"> <li>The refrigerator is not on a level surface.</li> <li>The gasket is dirty.</li> <li>The storage basket is out of position.</li> </ul>                                                                                                                                                                                                                                   |

---



---

# This manual is provided courtesy of **RV Tech Cheat Sheet**



**Professional resources for the whole RV industry — free.**

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.

---



---

**[rvtechcheatsheet.com/manuals](https://rvtechcheatsheet.com/manuals)**

**Find thousands more RV manuals, wiring diagrams and parts lists**

**RV techs:** share fixes, ask questions and learn from each other.

**Join our free Facebook group →**

---



---

Follow proper safety practices. If in doubt, consult a professional RV technician.