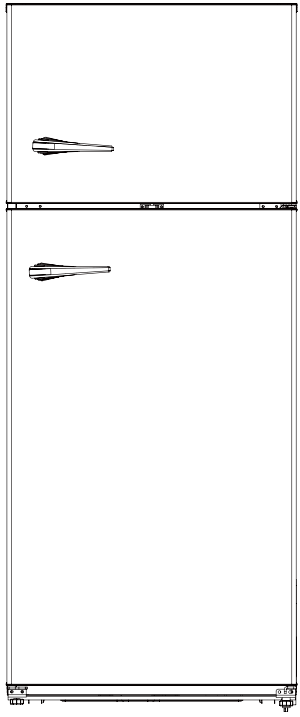
RETRO REFRIGERATOR-FREEZER

WITH ICE-MAKER

Model - RRFI 18 B/C



OWNER'S MANUAL

Please read the instructions carefully and keep for future reference. Information may be updated from time to time so please refer to website for the latest version of the manual.

Warranty

Conserv Appliances undertakes to the consumer-owner to repair or, at our option, to replace any part of this product which proves to be defective in workmanship or materials under normal personal, family or household use, in the USA and Canada, for a period of one year from the date of original purchase. For commercial use, the product is warranted for a period of 90 days. During this period, we will provide all labor and parts necessary to correct such defect, free of charge, if the appliance has been installed and operated in accordance with the written instructions with the appliance. Ready access to the appliance, for service, is the responsibility of the consumer-owner. Service would be provided from Monday to Friday between normal business hours.

Exclusions

In no event shall Conserv Appliances be liable for incidental or consequential damages or for damages resulting from external causes such as abuse, misuse, incorrect voltage or acts of God. This warranty does not cover service calls which do not involve defective workmanship or materials covered by this warranty. Accordingly, diagnosis and repair costs for a service call which does not involve defective workmanship or materials will be the responsibility of the consumer-owner.

Specifically, the following work is not covered under warranty and does not constitute warranty work:

Installation - e.g. Insufficient spacing around appliance
Maintenance - e.g. Cleaning the appliance using solvents
Mishandling - e.g. Breakage of door handles and shelves

Most work is covered. The defining factor is, has the machine malfunctioned (Conserv Appliances is responsible) or has the customer omitted or done something to cause the appliance to malfunction (customer is responsible). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you.

WARRANTY SERVICE

This warranty is given by:
Conserv Appliances
10222 Georgibelle Drive, Suite 200,
Houston, Texas 77043-5249

For Customer Service:

Appliance Desk
Phone/Text: 1-800-776-3538
Email: Service@ApplianceDesk.com
Web: www.ApplianceDesk.com
Business hours: 9:00 am to 5:00 pm weekdays

You can register your warranty by either of the following methods:

1. Scan QR Code

1. Open Smart Phone
2. Open Camera
3. Scan QR Code
4. Click the Link

2. Register online at ApplianceDesk.com/Warranty

GENERAL

Since it is the responsibility of the consumer-owner to establish the warranty period by verifying the original purchase date, Conserv Appliances recommends that a receipt, delivery slip or some other appropriate payment record be kept for that purpose.

This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Safety

Please always follow the safety precautions listed below:

- Do not put acid or flammable or volatile materials inside the appliance.
- Do not puncture or damage refrigerant tubing.
- Unplug the unit immediately if you find any abnormal smell or smoke, and contact Customer Service.
- This appliance is not intended for use by children or persons 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.
- Use a dedicated power outlet and a three prong power socket, that is properly grounded.
- Secure the cord behind the unit to prevent a tripping hazard.
- Do not use extension cords or ungrounded two prong adapters.
- Do not use the power cord or plug if it is damaged.
- When removing the power plug, do not pull on the cord. Grasp the plug firmly and pull it out from the socket.
- Do not connect or disconnect plug with wet hands.
- Unplug the unit first when doing maintenance or repair.
- Keep ventilation openings free of obstructions.
- Repairs must be done only by a qualified technician.

Safe Disposal

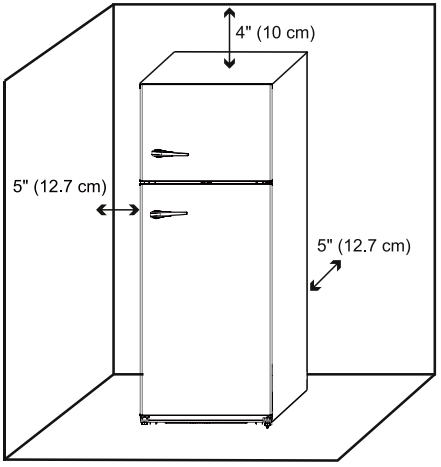
- Before discarding the appliance, remove the doors in order to prevent risk of child entrapment. Leave shelves in place.
- Dispose off this appliance in accordance with local regulations.

State of California Proposition 65 Warnings:
WARNING:This product contains one or more chemicals known to the State of California to cause cancer.
WARNING:This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

Installation

Placement

- This unit is designed to be free standing and not built-in.
- The unit should be placed in a ventilated and dry environment.
- Do not put the unit in direct sunlight, and keep it as far as possible from heat sources.
- Do not put unit in a cold area.
- The unit should be placed on a flat and stable ground. Keep the unit level by adjusting the feet.
- Ensure there is at least a distance of 5” (12.7 cm) between the back of the unit and the wall and also on either side. There should also be a space of at least 4” (10 cm) above the unit.



Before Use

- Before initially plugging in the appliance, keep the unit standing upright and stable for 2 hours. The appliance should be on for up to 4 hours and adequately cold, before putting food in it.
- It is recommended that you clean the interior of the unit before placing food inside.

Ice-Maker Connection

This appliance is equipped with a pre-installed automatic Ice-Maker. The Ice-Maker will need to be connected to the water supply. Follow the instructions in this section to make the correct connections.

Parts Included

Ice-Maker

Ice Bucket

4x12 - Hex Screws
4x20 - Hex Screws

Copper Nut

Quick Coupling

Water
Inlet Valve

Plastic
Water Inlet
Tubing

Plastic Pipe Clips

Water Pipe

⚠ WARNING!

- To avoid electric shock, which can cause death or severe personal injury, disconnect the refrigerator from electrical power before connecting a water supply line to the refrigerator.
- Connect the ice-maker to a potable water supply only.

To Avoid Properly Damage:

- Copper tubing is recommended for the water supply line. Water supply tubing made of ¼ inch plastic should not be used since it greatly increases the potential for water leaks.
- DO NOT install water supply tubing in areas where temperatures fall below freezing.
- Chemicals from a malfunctioning water softener can damage the ice-maker. If the ice maker is connected to softened water ensure that the softener is maintained and working properly.

The following additional items will be required to install the ice-maker kit:

- ¼ inch copper water supply line and shut off valve
- ⅜ inch brass compression nut and ferrule

The copper tubing and shut-off valve are available in a kit from your local hardware store. The kit should contain sufficient ¼ inch OD copper tubing, a saddle type shut-off valve (non-piercing), (2) 3/8 inch brass compression nuts, (2) ferrules/sleeves and complete installation instructions.

Ice-Maker Connection

Connecting to Water Supply Line

- Access to a household cold water line with water pressure between 30 and 100 psi. (2 and 6.9 bar).

- Use a water supply line made of ¼ inch (6.4 mm) OD, copper tubing. To determine the length of copper tubing needed, you will need to measure the distance from the ice-maker inlet valve at the back of the refrigerator to your cold water pipe. Then add approximately 7 feet (2.1 meters), so the refrigerator can be moved out for cleaning.

- Use a shutoff valve to connect the water supply line to your household water system. DO NOT use a self-piercing type shutoff valve.

- A compression nut and ferrule (sleeve) will be used for connecting the water supply line to the Ice-Maker Inlet Valve.

Installing the Water Inlet Valve

1. Remove the rear Access Cover to the bottom condenser. (See Fig 1.)

2. Run the white Plastic Tubing into the hole at the bottom / right of the Access Panel. Feed the end of the Copper Inlet Tubing into the top / right hole of the panel. (See Fig 1.)

3. Plug the Wiring Harness tightly into the rear of the Water Inlet Valve. (See Fig 2.)

4. Grasp the Plastic Inlet Tube and push it firmly into the Water Valve until it stops. (See Fig 2.)
   To remove the tube, push up on the collar at the end of the fitting while pulling on the tube.

5. Prepare the Copper Inlet Tube (from the Water Supply) to the Water Inlet Valve. (See Fig 3.)
   - Discard the dark blue cap from the Water Inlet Valve.
   - Slide brass compression nut, then bass sleeve (ferrule), onto the end of the copper water supply line. (See Fig 3.)
   - Push water supply line into Water Inlet Valve as far as it will go (¼ inch) and finger tighten the compression nut. Tighten another half turn with a wrench. DO NOT over tighten.

6. Attach the Water Inlet Valve to frame of refrigerator using two 4x12 Hex Screws. (See Fig 4.)

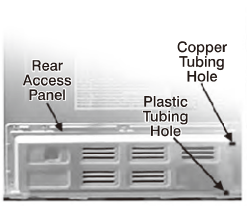


Fig 1

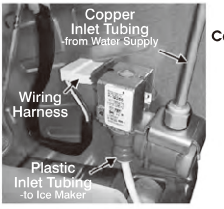


Fig 2

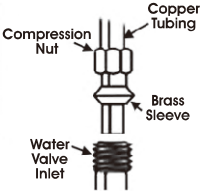


Fig 3

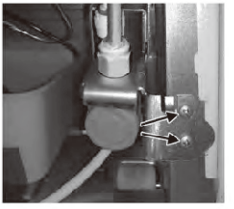


Fig 4

Ice-Maker Connection

Prepare Back Panel

1. Re-attach the rear Access Panel with the plastic and copper tubing beyond. (See Fig 1.)

2. Coil excess copper water supply line (about 2½ turns) behind refrigerator. (See Fig 1.) Arrange coils so they do not vibrate or wear against any other surface. Make sure you have an extra 7ft. (2.1 m) to allow moving the refrigerator out for cleaning.

3. Peel installation Label from upper / right corner of the rear of the refrigerator. (See Fig 2.)

4. Remove foam from inside the access hole. (See Fig 2.)

5. Push water inlet tube through small hole where installation label was, until flat flange of Plastic Water Inlet Tube is tight against back of refrigerator. Use 2 Hex Screws (5x12) to attach the Water Inlet Tube to the Back Panel. (See Fig 3.)

6. Secure the Plastic Tubing to the back of the refrigerator with the two Plastic Clamps.

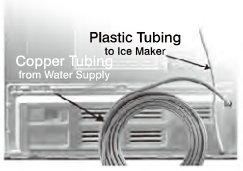


Fig 1

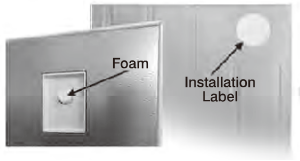


Fig 2

Fig 3

Connecting the Ice-Maker

1. Plug the Wiring Harness into the Connector at the rear of the Freezer. (See Fig 1.)

2. Turn ON water supply at shutoff valve and tighten any connections that leak.

3. Reconnect refrigerator to electric power supply.

4. Return the refrigerator to its original position and check to make sure the Ice-Maker is level.

5. To turn Ice-Maker on, lower wire signal arm. (See Fig 2.)


Fig 1

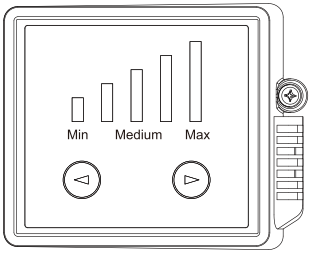
Fig 2

Operation

This Retro Refrigerator-Freezer with Ice-Maker is for household use.

Temperature Setting

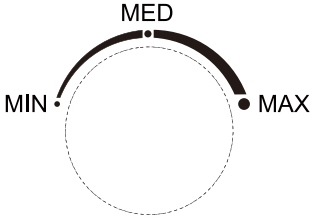
The appliance has an electronic Temperature Control Panel located inside the refrigerator. The temperature can set by pressing the two arrow buttons. **Min** is least cold and **Max** is the coldest setting.



Refrigerator Temperature Control Panel

Air Flow Control Knob

The Air Flow Control Knob is located inside the Freezer at the back. It does not control the temperature, but it regulates the air flow distribution between the refrigerator and freezer compartments.



Air Flow Control Knob

When the appliance is turned on for the first time, press the right arrow button on the Temperature Control Panel to select the **MAX** temperature setting in the refrigerator and turn the freezer Air Flow Control Knob to **MAX**. Leave the appliance at this setting for **4 hours** to cool it adequately before placing food inside.

After the appliance is sufficiently cold, change the setting in BOTH the refrigerator and freezer to **Medium/MED** for normal operation.

Air Flow Control Knob Settings

Turn the control knob to select one of the following settings:

MIN: Distributes **more cold air to the refrigerator**. Use this setting when adding a large amount of food to the refrigerator. After some time, return the Control Knob setting to **MED**.

MED: Distributes cold air equally between refrigerator and freezer.

MAX: Distributes **more cold air to the freezer.** Use this setting when adding a large amount of food to the freezer. After some time, return the Control Knob setting to **MED**.

Normal Operation

If you use the MIN or MAX setting on the **Air Flow Control Knob** in the Freezer, remember to change the setting to **MED** for normal use and even distribution of cold air to both the Refrigerator and Freezer.

Note: If the appliance is unplugged or loses power, please wait 3 to 5 minutes before plugging it in or turning it on again. The appliance will not operate if it is powered on sooner.

Please discard the first batch of ice cubes made.

Maintenance

Cleaning

- Remove all items and unplug the unit before cleaning.
- Clean inside, behind and around the appliance regularly, using water and mild detergent, and a damp cloth (not wet).
- Never use boiling water, harsh cleaning chemicals or abrasive materials.
- Clean the door gasket regularly to ensure that the door closes and seals properly.
- Dry all surfaces thoroughly.
- Manual defrosting is not necessary as this appliance has an auto defrost function.

Extended Absence

- If the unit will be switched off for a long time, remove all items, turn off the appliance and clean the unit throughly.
- Leave the door open and place the unit in a well ventilated area to avoid build up of odor.

The following phenomenon is normal

- A sound like water running is caused by refrigerant flowing inside the system.
- While the unit runs, heat is emitted from both sides of the cabinet.
- When the environment is too humid, the edges around door may have a little moisture. Simply wipe it with a dry cloth.

Troubleshooting

Before calling for service, please check the following table.

PROBLEM	POSSIBLE CAUSE
Doesn't work	• Power is not on or the unit is not connected to power • Low voltage • A fuse may be blown or the circuit breaker tripped • Plug not fully inserted into the wall outlet
Internal temperature not cold enough	• Temperature setting is too warm • Door is not shut properly or opened frequently • Exhaust vent is obstructed • A large quantity of warm food has been placed in the unit • Close proximity to heat source or direct sunlight • Ambient temperature or humidity is very high
Appliance runs continuously	• Temperature setting is too cold • Door not shut properly or opened frequently • Exhaust vent is obstructed • A large quantity of warm food has been placed in the unit • Close proximity to heat source or direct sunlight • Ambient temperature or humidity is very high
Internal temperature is too cold	• Temperature setting is too cold
Noises	• Hoses are expanding and / or the refrigerant is circulating; this is normal • Floor is not flat, and the unit is not placed in a stable position.
Doors cannot be closed properly	• The door is obstructed by items inside the unit. • The door gasket is not providing a good seal. Heat the gasket with a hair dryer.

Ice-Maker Troubleshooting

PROBLEM	POSSIBLE CAUSE
Ice-Maker is not producing ice.	• Turn the Ice-Maker on by lifting the lever. • The water filters are clogged. Clean the filter. • Water in the fill tube is frozen. Unplug the unit and wait for the fill tube to clear. • The freezer door is not closed properly. Check the door seal and close the door properly.
Ice cubes are frozen together.	• Remove large clumps of ice cubes. • Ice cubes are produced continuously because the lever is stuck in the up position. Clear the ice and lower the lever.

Automatic Ice-Maker Tips

- It takes approximately 24 hours for the ice-maker to begin producing ice. Air in new plumbing lines may cause ice-maker to cycle two or three times before making a full tray of ice. New plumbing may cause ice to be discolored or have a poor flavor. **Discard ice made during the first 24 hours of use.**

- Remember, water quality determines your ice quality. If the water source uses a water softener, ensure that the softener is maintained and working properly. Chemicals from a malfunctioning softener can damage the ice maker. To stop the ice-maker, lift the wire signal arm until it clicks and locks in the “up” or OFF position. The ice-maker turns off automatically when the ice container is full. If your model has an adjustable freezer shelf, place the shelf so the wire signal arm will hit the ice when the ice container is full.

- Ice stored too long may develop an odd flavor. Empty the container and be sure the wire signal arm is in its “down” or ON position. The ice-maker will then produce more ice.

- Occasionally shake the container to keep ice separated.

- Keep the wire signal arm in its “up” or OFF position until the refrigerator is connected to the water supply or whenever the water supply is turned off.

- Wash ice container in warm water with mild detergent. Rinse well and dry.

- Stop the ice-maker when cleaning the freezer or for short vacations.

- If the ice-maker will be turned off for a long period of time, turn the water supply valve to the closed position.

Technical Parameters

Model No.	RRFI 18 B/C
Category	Refrigerator-Freezer
Refrigerating Mode	No Forst
Rated Voltage/Frequency	115V~60Hz
Rated Power (W)	180
Rated Current (A)	0.9
Refrigerant, Amount	R600a (45g/1.59oz)
Foaming Agent	Cyclopentane
Energy Class	DOE
Weight	180.7lbs / 82kg
Product Dimensions (H*W*D)	71.7” x 29.5” x 28.7” / 182 x 75 x 79 cm

Electrical Diagram