



Instruction Manual  
3.5 CU. FT. Refrigerator-Freezer

RF-354W (WHITE)

RF-354SS (STAINLESS STEEL)

## Contents

1. SAFETY WARNINGS .....	1
2. INSTALLATION .....	2
3. PRODUCT OVERVIEW .....	5
4. OPERATION .....	5
5. CLEANING .....	6
6. MAINTENANCE .....	6
7. TROUBLESHOOTING.....	7

## 8. SAFETY WARNINGS

- 1) **WARNING**—Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- 2) **WARNING**—Do not damage the refrigerant circuit.
- 3) **WARNING**—Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- 4) **WARNING**—DANGER: Risk of child entrapment. Before you throw away your old refrigerator or freezer:
  - Take off the doors
  - Leave the shelves in place so that children may not easily climb inside.
- 5) The appliance has to be unplugged after use and before carrying out user maintenance on the appliance.
- 6) This appliance can be used by children aged from 8 years and above and person with reduced physical sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- 7) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 8) Please abandon the refrigerator according to local regulators for its use flammable blowing gas and refrigerant.
- 9) Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas. Before you scrap the appliance, please take off the doors to prevent children trapped.
- 10) This appliance is intended to be used in household and similar applications 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.
- 11) Do not use an extension cord with this appliance. If the power cord is too short, have a qualified electrician or service technician install an outlet near the appliance. Use of an extension cord can negatively affect the performance of the unit.



IT IS HAZARDOUS FOR ANYONE OTHER THAN AUTHORISED SERVICE PERSONNEL TO CARRY OUT SERVICING OF REPAIRS WHICH INVOLVE THE REMOVAL OF COVERS.



TO AVOID THE RISK OF AN ELECTRICAL SHOCK DO NOT ATTEMPT REPAIRS YOURSELF.

## 9. INSTALLTION

### 9.1 Location

When selecting a position for your unit you should make sure the floor is flat and firm, and the room is well ventilated. Avoid locating your unit near a heat source, e.g. cooker, boiler or radiator. Also avoid direct sunlight as it may increase the electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly. This unit is not designed for use in a garage or outdoor installation. Do not drape the unit with any covering.

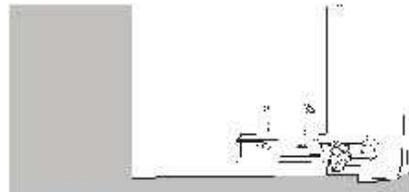
When installing the unit, ensure that 8 inches of free space is left at both sides, 6 inches at the rear and 8 inches at the top of the unit. This will allow cold air to circulate around the refrigerator and improve the efficiency of the cooling process. The door can be opened to the right or the left, depending on what better suits the location. Please ensure there is adequate space for the door to fully open.

### 9.2 Reversing the Door Swing

**Tools Required:** Phillips style screwdriver / Flat blade screwdriver / Hexagonal spanner

- We recommend that 2 people handle the unit for door reversal.
- Ensure the unit is unplugged and empty.
- Tilt the unit backwards and rest the unit on something solid so that it will not slip. Do not lay the unit flat as this may damage the coolant system.
- Adjust the two leveling feet to their highest position.
- All parts removed must be saved to do the reinstallation of the door.

- 1) Remove the bracket from the bottom of the refrigerator. Unscrew the two screws from the bottom bracket. Remove the foot from the opposite side.



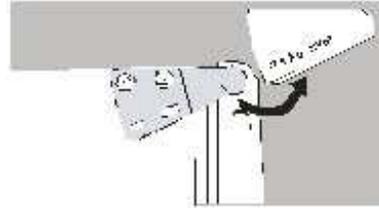
- 2) Parts removed: Screws (x2), Bottom Bracket / Foot. Place to one side



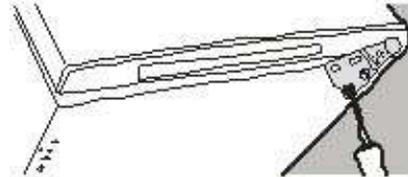
- 3) Slide door down and away from the hinge pin located on the top of the door.



- 4) Remove plastic cover from the door hinge and unscrew the two screws from the top bracket and transfer to the other side.



- 5) Install top bracket with the two screws on the other side. Slide the door onto the top hinge. Be sure the door is the right way up. Install the plastic cover over the top bracket by pressing down until it clicks into position



- 6) Install the bottom hinge with the two screws on the on the new side. Install foot on the other side

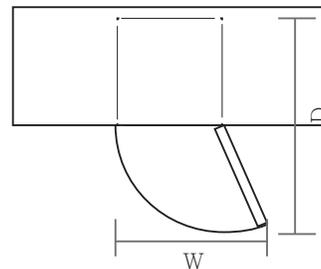


- 7) Check and make sure door is aligned horizontally and vertically and that the seals are closed on all sides before final tightening of the bottom hinge. Adjust the leveling feet as needed.



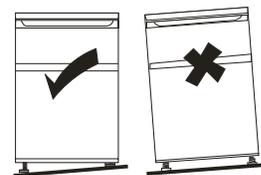
### 9.3 Door Space Requirements

The unit's door must be able to open fully as shown.  
 $W \times D \geq 36 \text{ in} \times 39.06 \text{ in}$



### 9.4 Leveling the Unit

Adjust the two leveling feet at the front of the unit.  
 If the unit is not leveled, the door and magnetic seal alignments will not be covered properly.



## 9.5 Cleaning Before Use

Wipe the inside of the unit with a weak solution of bicarbonate soda. Then rinse with warm water using a 'Wrung-out' sponge or cloth. Wash the shelves and salad bin in warm soapy water and dry completely before replacing in the unit. Clean the exterior of the unit with a damp cloth. If you require more information refer to the Cleaning section.

## 9.6 Before Using Your Unit

The refrigerator adopts 115V/60Hz AC power. Voltage fluctuations over the range of 98 ~ 132V will cause malfunction or even damage, so a 750 W automatic voltage regulator must be installed in concert with the AC power.

Do not damage the power cord under any condition so as to ensure safety use, do not use when the power cord is damaged or the plug is worn.

Do not put flammable, explosive, volatile and highly corrosive items in the refrigerator to prevent damages to the product or fire accidents.

Do not place flammable items near the refrigerator to avoid fires.

This product is a household refrigerator and shall be only suitable for the storage of foods. According to national standards, household refrigerators shall not be used for other purposes, such as storage of blood, drugs or biological products.

Do not place bottled or sealed containers of fluid such as bottled beers and beverages in the freezer to prevent bursts and other losses.

Before placing any food in your unit, turn it on and wait for 24 hours, to make sure it is working properly and to allow it time to fall to the correct temperature. Your unit should not be overfilled.



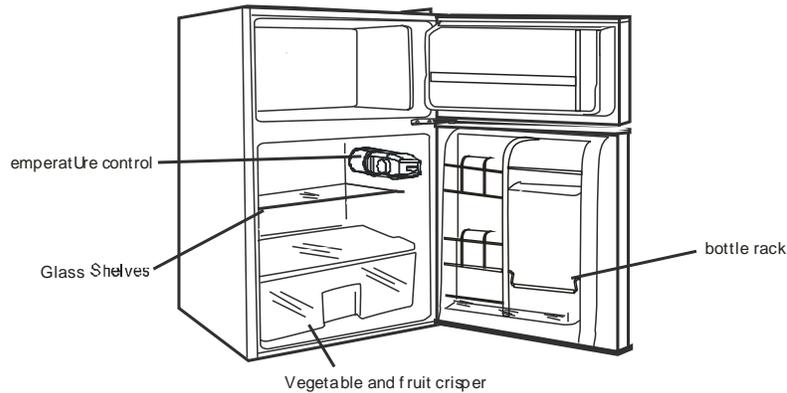
- **Before Plugging - Please** check that you have a wall socket that is compatible with the plug supplied.
- **Before Turning On** – Please allow unit to sit for a minimum of 2 hours, allowing the coolant to settle.

## 9.7 Interior Accessories

Various glass or plastic storage shelves are included with your appliance - different models have different combinations.

In order to make the most of the storage volume, you can remove shelves or drawer according to your usage needs. It is recommended to place one of the full size shelves in the lowest set of guides (above the fruit and vegetable container) and keep it in this position.

## 10. PRODUCT OVERVIEW



\*All images in this instruction manual are for indication only; please refer to your individual unit for details.

## 11. OPERATION

### 11.1 Adjusting the Temperature

When using the refrigerator-freezer for the first time or after defrosting, turn the temperature control to the “coldest” setting for at least two hours before introducing the food to be stored. All frozen food products you purchase should be placed in the freezer compartment as soon as possible to avoid the frozen food from defrosting.

Storage recommendation printed on the packaging of frozen food by the manufacturers should always be followed.

Be careful that the drawer mustn't mangle the refrigeration pipeline.

### 11.2 Noise Inside the Unit!

You may notice that your unit makes some unusual noises. Most of these are perfectly normal, but you should be aware of them!

These noises are caused by the circulation of the refrigerant in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your unit. This is the compressor motor working, as it pumps the refrigerant around the system.

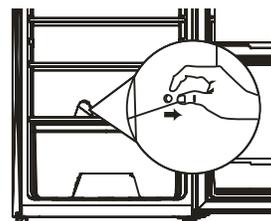
### 11.3 Tips for Keeping Food in the Unit

- Cooked food should always be stored on a shelf above raw meats/fishes to avoid bacteria transfer. Keep raw meats/fishes in a container that is large enough to collect juices and cover it properly. Place the container on the lowest shelf.
- Leave space around your food to allow air to circulate inside the unit. Ensure all parts of the unit are kept cool.
- To prevent transfer of flavors and drying out, pack or cover the food separately. Fruits and vegetables do not need to be wrapped.
- Always allow pre-cooked food to cool down before placing inside the unit. This will help to maintain the internal temperature of the unit.
- To prevent cold air escaping, try to limit the frequency of door opening.

## 12. CLEANING

### 12.1 Defrosting

Freezer compartment is manual defrost. The refrigerator compartment is auto-defrost: when frost accumulates on the inner rear surface, it will automatically defrost when compressor cycles. Water will be channeled via the drain hole to the collection tray above the compressor where it will evaporate.



Please ensure the drain hole is checked and cleaned on a regular basis so water can exit the storage compartment.

### 12.2 Cleaning the Interior and the Exterior of the Unit

- Remove shelves and the salad bin.
- Wipe the inside of the unit with a weak solution of bicarbonate soda and then wipe clean with a “wrung-out” sponge or clothe of warm water. Wipe completely dry before replacing the shelves and salad bin.
- Use a damp cloth to clean the exterior and finish with a standard furniture polish. Make sure the door is closed to avoid the polish getting on the door seal or inside the unit.
- The condenser grille located at the back of the unit and the adjacent components can be vacuumed using a soft brush attachment.

### 12.3 Cleaning Tips

Condensation may appear on the outside of the unit. This may be due to a change in room temperature. Wipe off any moisture residue. If the problem continues, please contact a qualified technician for assistance.

## 13. MAINTENANCE

### 13.1 Changing the Internal Light

Lamp replacement by professionals.

### 13.2 Care When Handling / Moving Your Unit

Handle the unit by its sides or base when moving it. Under no circumstances should it be lifted by holding the edges of the top surface.

### 13.3 Servicing

The unit should be serviced by an authorized engineer and only genuine spare parts should be used. Under no circumstances should you attempt to repair the unit yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunction.

### 13.4 Vacation / Storage

If the unit is not to be used for a long period of time, turn the thermostat to OFF position and unplug from power source. Empty all contents and clean the appliance. Leave the door ajar to prevent mold/mildew growth and unpleasant smells.

## 14. Troubleshooting

The following issues can be handled by the user. If problem persists, please contact Sunpentown Customer Service at 1-800-330-0388.

No power	Unit is not plugged in. Check outlet and circuit. Low voltage. Power failure power.
Odor	Odorous foods should be closely wrapped. Check for any rotten food. Clean the interior.
Long-term operation of compressor	It is normal for the unit to operate for longer periods of time during the hotter days when ambient temperature is higher. Do not put too much food in the unit at one time. Wait for food to cool down before placing them in the unit. Frequent opening of refrigerator door.
Light does not illuminate	Check if refrigerator is connected to power. Check if bulb is damaged.
The refrigerator door cannot close properly	Too much food inside the unit and the door is blocked by food packages. Adjust the leveling leg.
Loud noises	Check if unit is leveled. Noise cause by the refrigerant circulating is normal

### 14.1 NOTES:

- The refrigerator may emit heat during operation, especially in summer, this is caused by the radiation of the condenser, and it is a normal phenomenon.
- Condensation: condensation may be detected on the exterior surface and door seals of the freezer when the ambient humidity is high. This is a normal. Simply wipe away the condensation with a dry towel.
- Buzz: the compressor will buzz during starting up or shutting down.

## 15. TIPS FOR ENERGY SAVING

- Try not to open the door too often, especially when the weather is humid and hot. Once you open the door, close it as soon as possible.
- Check the unit's ventilation periodically to ensure adequate air circulation behind the unit.
- In normal temperature conditions, please set the thermostat at the middle setting.
- Before loading the appliance with packages of fresh food, make sure they are cooled to ambient temperature.
- Ice and frost layer increase energy consumption, so clean the appliance as soon as the layer is 3-5 mm thick.
- Keep the rear (condenser) free of dust and impurities.
- The appliance should be located in the coolest area of the room, away from heat producing appliance or heating ducts and out of direct sunlight.
- Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality or spoil.



## Your Guarantee

If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown's nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one-year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

What is NOT COVERED:

- Warranty does not include freight charges.
- Incidental or consequential damage caused by possible defects with this product.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.

This GUARANTEE is in addition to your Statutory Rights

**SUNPENTOWN INTERNATIONAL INC.**  
**14625 Clark Ave. City of Industry, CA 91745**  
**Tel: 800-330-0388**  
**[service@sunpentown.com](mailto:service@sunpentown.com)**  
**[www.sunpentown.com](http://www.sunpentown.com)**