Amana®

# International Side-by-Side Refrigerator

# Use and Care Manual


| | |
|---|---|
| English Section | 2 |
| Deutsch | 13 |
| Français | 24 |
| Sección española | 35 |
| Svenskt avsnitt | 46 |
| Suomalainen osa | 57 |
| Nederlands | 68 |
| Sezione italiana | 79 |
| Norsk seksjon | 90 |
| Dansk afsnit | 101 |
| Ελληνικό Τμήμα | 112 |
| Secção portuguesa | 123 |


SBDT 520

SBDE 520

# International Side-by-Side Refrigerator Use and Care Manual

## Contents


| | |
|---|---|
| Electrical Requirements | 2 |
| Model Identification | 2 |
| Features | 3 |
| Setting Controls | 6 |
| Fresh Food and Deepfreeze®* | 6 |
| Touchmatic™ Electronic | 8 |
| Automatic Ice Maker | 9 |
| Ice 'N Water™ Dispenser | 10 |
| Care and Cleaning | 11 |
| Vacation Tips | 11 |
| Normal Operating Sounds | 11 |
| Before Calling For Service | |


***Fresh Food refers to refrigerator.**
**Deepfreeze® refers to freezer.**

## Electrical Requirements

Refrigerator must be earthed and connected to a separate 230 volt, 50 hz., 10A circuit.

## Model Identification

Locate product information on the nameplate, found in upper left corner of Fresh Food section. Record the following information:

Model Number: _____
Manufacturing Number: _____
Serial or S/N Number: _____
Date of purchase: _____
Dealer's name and address: _____
_____

**Keep a copy of sales receipt** for future reference.

# Features

## Fresh Food Section (Refrigerator)

1. Temp-Assure™ Thermostatic Control
2. Spillsaver™ Shelves
3. Slide Out Shelves
4. Chiller Fresh System
5. Garden Fresh Drawers
6. Utility Rack
7. Covered Utility Bucket
8. Dairy Center
9. Snack Chiller
10. Beverage Chiller
11. Door Buckets
12. Adjustable Divider

## Deepfreeze® Section (Freezer)

13. Deepfreeze® Shelf
14. Automatic Ice Maker
15. Stor-Mor™ System
16. Door Dike
17. Door Shelves
18. Tall Package Retainer
19. Ice 'N Water™ Dispenser




**Features vary from model to model.**

## Spillsaver™ Shelves

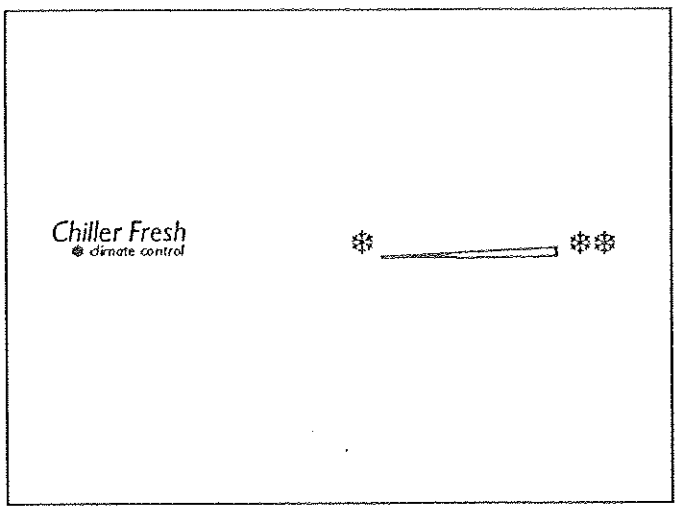
### Caution

To avoid personal injury or property damage, handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched or exposed to sudden temperature change.

1. Remove shelves by lifting front and releasing hooks from metal track.
2. Replace shelves by inserting hooks into metal track and lowering front.

## Chiller Fresh System

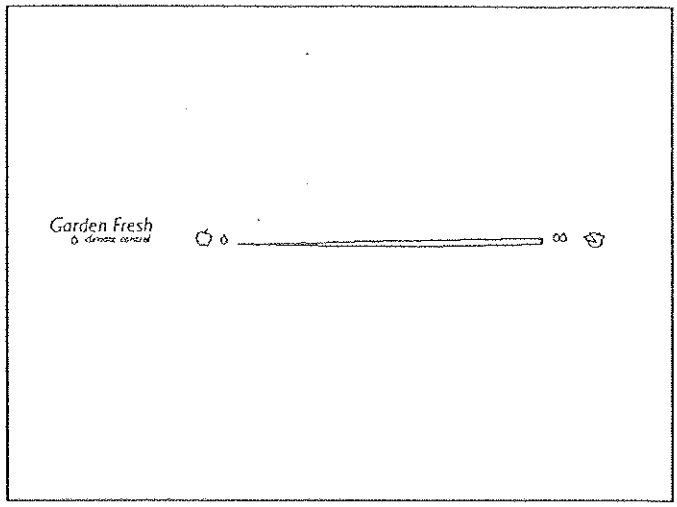
Locate control on front trim to adjust amount of air circulating between drawer and sleeve.




1. Remove drawer and sleeve by lifting and pulling out. Refer to "Spillsaver™ Shelves" for instructions on removing and replacing shelf. Use eighth through eleventh slots.
2. Replace sleeve then drawer by sliding in. Confirm boot is over air inlet in side wall.

## Garden Fresh Crispers

Locate control on front trim to adjust to either high low settings.




1. Remove drawers by lifting and pulling out. Refer to "Spillsaver™ Shelves" for instructions on removing and replacing shelf.
2. Replace drawers by sliding in.

## Dairy Center

1. Remove door by opening door, pushing in slightly near hinges and pulling out.
2. Remove shelf by lifting and pulling out.
3. Replace door and shelf by reversing steps 1-2.

## Snack Chiller

1. Remove door by opening door, pushing in slightly near hinges and pulling out.
2. Remove bucket by removing Beverage Chiller door then lifting bucket.
3. Replace door and bucket by reversing steps 1-2.

## Beverage Chiller

Locate control dial on left front wall of Fresh Food section to adjust amount of air.




1. Remove beverage chiller door by removing lower door buckets. Slide chiller door down and out through bottom of door track.
2. Replace beverage chiller door by reversing step 1. Retention glides must remain in place to install door.

## Door Buckets

1. Remove door buckets by pushing tabs toward center and pulling out.
2. Replace door buckets by sliding in until tabs lock into place.

## Door Shelves

1. Remove slide-style door shelves by lifting and pulling out.
2. Replace slide-style door shelves by reversing step 1.

1. Remove hook-style door shelves by tapping up each end. Lift bottom of shelf release hooks.
2. Replace hook-style shelves by inserting hooks and lowering bottom of shelf. Tap down on ends.

## Stor-Mor™ System

1. Remove shelves and baskets by lifting and pulling out.
2. Replace shelves and baskets by reversing step 1.

## Door Dike

1. Remove door dike by pulling forward and snapping out.
2. Replace door dike by aligning clips with holes on Deepfreeze® door. Push until dike locks in place.

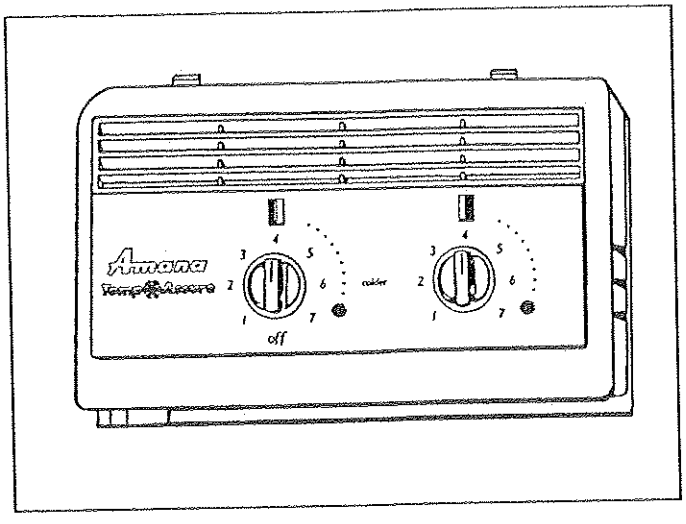
# Setting Controls

This refrigerator operates most efficiently in normal household temperatures of 12° to 43°C.

## Fresh Food and Deepfreeze® Controls

(nonelectronic models)

Locate Fresh Food and Deepfreeze® controls on upper rear wall of Fresh Food section. When Deepfreeze® control is set to *off*, neither Fresh Food nor Deepfreeze® sections will cool. Initially, set both controls to *4*. Wait 24 hours for Fresh Food and Deepfreeze® sections to reach desired temperatures. After 24 hours, adjust controls as desired. 1 is warmest setting and 7 is coldest.




Set temperatures precisely using a household thermometer that includes temperatures between -20.5° to 10°C.

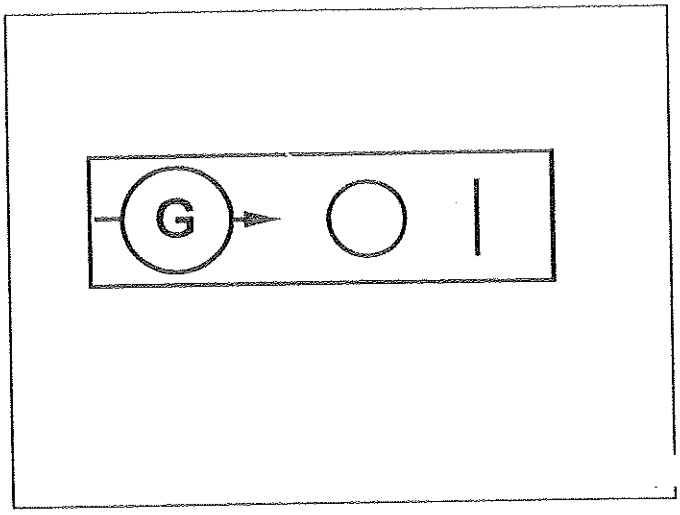
Put thermometer snugly between frozen packages in Deepfreeze® section. Wait 5-8 hours. If Deepfreeze® temperature is not -18° to -17°C, adjust control, one number at a time. Check again after 5-8 hours.

Put thermometer in a glass of water in middle of Fresh Food section. Wait 5-8 hours. If Fresh Food temperature is not 3° to 4°C, adjust control, one number at a time. Check again after 5-8 hours.

## Touchmatic™ Electronic Controls

(electronic models)

Confirm power switch is on before programming. Remove toe grille and locate black box in center of cabinet. Power switch is on right side of box.



Locate Touchmatic™ electronic control panel on efrigerator between handles. Press * pad to activate control panel. All other pads, except for Alarm Off pad, remain inactive until * pad is pressed. Once activated, pads remain programmable for at least 10 minutes.

Fresh Food and Deepfreeze® controls are preset at 5. Wait 24 hours for Fresh Food and Deepfreeze® sections to reach desired temperatures. After 24 hours, adjust controls as desired. 1 is warmest setting and 9 is coldest. Refer to instructions on page 6 to set temperatures precisely.

Adjust Fresh Food or Deepfreeze® temperatures by pressing * pad then Fresh Food Temp pad or Deepfreeze® Temp pad. Press Warmer pad or Colder pad to adjust temperature setting one level at a time. Holding down Warmer pad or Colder pad adjusts temperature more than one level at a time.

### Vacation Mode

Vacation mode defrosts refrigerator less often during extended non-use periods. Activate vacation mode by pressing * pad then Vacation pad. Indicator light will glow. Repeat above to deactivate vacation mode. Opening Fresh Food or Deepfreeze® door will also deactivate vacation mode.

### Max Cool Mode

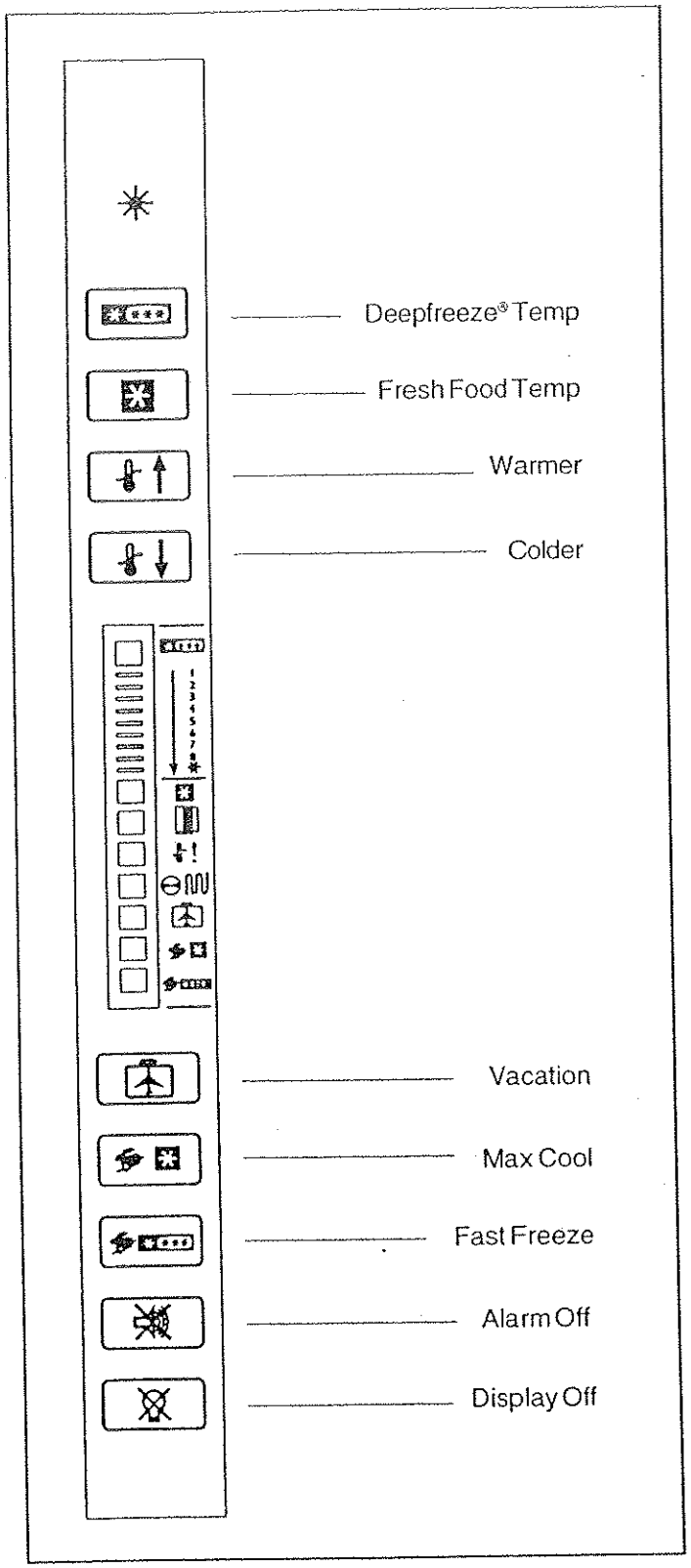
Max cool mode adjusts Fresh Food temperature to coldest setting. After 10 hours, Fresh Food temperature automatically returns to previous setting. Activate max cool mode by pressing * pad then Max Cool pad. Indicator light will glow. Repeat above to deactivate max cool mode before automatic reset.

### Fast Freeze Mode

Fast freeze mode adjusts Deepfreeze® temperature to coldest setting. After 24 hours, Deepfreeze® temperature automatically returns to previous setting. Activate fast freeze mode by pressing * pad then Fast Frz pad. Indicator light will glow. Repeat above to deactivate fast freeze mode before automatic reset.

### Entry Tone

Entry tone indicates a pad was pressed and command was read and accepted. Deactivate entry tone by pressing and holding * pad for three to five seconds. Three short beeps indicate instructions were accepted. Repeat above to activate entry tone.



### Door Open Alarm

Door open alarm sounds and glowing indicator light blinks if either door is open for three minutes. Deactivate door open alarm by pressing Alarm Off pad or by closing either door. Activate door open alarm by pressing * pad then holding Alarm Off pad for three to five seconds. Three short beeps will sound. Repeat above to deactivate door open alarm indefinitely.

### High Temperature Alarm

High temperature alarm sounds and indicator light glows if Fresh Food or Deepfreeze® temperature is high for two hours. A blinking light signals affected compartment. Deactivate high temperature alarm by pressing Alarm Off pad. Alarm discontinues when proper temperature is reached.

### Thermistor Alarm

Thermistor alarm sounds and indicator lights scroll if Fresh Food or Deepfreeze® thermistor is not operating properly. Deactivate display by pressing Alarm Off pad.

If thermistor alarm sounds, contact an authorized servicer immediately. If Alarm Off pad is pressed, thermistor control retests to confirm situation has been corrected. Alarm sounds again if thermistor is still not operating properly.

### Display Lights

Deactivate temperature display lights by pressing * pad then pressing Display Off pad. Activate temperature display lights by pressing any of top five pads.

### Clean Condenser Coil Light

Clean condenser coil light glows once every three months as a reminder to clean condenser coil. Light automatically cancels in 72 hours. Deactivate clean condenser coil light before automatic reset by pressing Alarm Off pad.

Refrigerator has an electrical connection in Deepfreeze® section for ice maker installation. Ice maker, model IC54, and water filter, part #R0183114, can be purchased separately.

1. Confirm ice storage bucket is in place and ice maker arm is down.
2. After Deepfreeze® section reaches normal temperature, ice maker fills with water and begins operating. Allow 24-48 hours after installation before first harvest of ice. Ice maker produces seven to nine harvests of ice in a 24-hour period under ideal conditions.
3. After ice is formed, ice maker drops ice cubes into ice storage bucket. During ice production, ice maker arm raises and lowers. When ice storage bucket is full, ice maker arm turns ice maker off.

**Important**

Discard first three harvests of ice so any impurities are not consumed.

4. Stop ice maker by lifting ice maker arm. A definite click will be heard when proper position is reached. Ice maker arm will remain in that position.

**Important**

Do not force ice maker arm down or up past stop position.

**Caution**

To avoid personal injury or property damage, observe following instructions:

1. Do not operate dispenser with Deepfreeze® door open.
2. Do not put fingers, hands, or any foreign object into dispenser opening.
3. Do not use sharp objects to break ice.

### Water Dispenser Operation

1. Dispense water by pressing container against water dispenser bar.
2. Shut off water by releasing pressure on bar. Slight dripping may occur. Spill shelf is not self-draining. Large spills should be wiped dry immediately.

### Ice Dispenser Operation

1. Select cubed or crushed mode (some models) by sliding lever on dispenser panel. Dispense ice by pressing wide mouthed container against ice dispenser bar. Hold container close to chute to minimize spraying ice.

**Caution**

To avoid property damage, do not dispense ice directly into thin glass, fine china or delicate crystal.

2. Shut off ice by releasing pressure on bar before container is full. Some ice will continue to fall. Do not remove container until last of ice falls.

If dispensing ice continuously, dispenser motor shuts off after approximately two minutes. Motor resets after three minutes and dispensing can continue.

A slight delay occurs when switching between cubed and crushed modes. Pieces of crushed ice will vary in size and shape. "Snow" may form on door and ice chute when repeatedly dispensing crushed ice. Allow "snow" to evaporate or wipe dry.

Dispenser operates only with cubes of proper size and crescent shape. Do not add purchased ice cubes or other cubes.

### Dispenser Light

A light is activated when dispensing ice or water. Some models feature a night light. Deactivate night light by pushing switch, located underneath dispenser facade and left of ice dispenser bar.

### Water Taste and Odor

Observe the following to minimize taste and odor difficulties:

1. Throw away first 10 to 14 regular glasses of water after initially connecting refrigerator to household water supply.
2. Flush water system and reservoir as above after extended periods of non-use.
3. Wrap foods in tightly sealed containers or moisture proof bags.
4. Install water filter, part #R0183114 on water line.
5. Contact local water treatment company for specialized help if difficulties persist.

**WARNING**
To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before cleaning. After cleaning, reconnect power.

**Caution**
To avoid personal injury or property damage, read and follow all cleaning product manufacturer's directions.

## General

1. Wash surfaces with four tablespoons baking soda diluted in one quart warm water as needed. Rinse and dry surfaces thoroughly.
2. Do not use the following items:
   - abrasive cleaners such as ammonia, chlorine bleach, etc.
   - solvents
   - metal scouring pads

   These items can scratch, crack and discolor surfaces.

## Glass Shelves

**Caution**
To avoid personal injury or property damage, handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched or exposed to sudden temperature change.

Remove glass shelf and place on a towel. Allow shelf to adjust to room temperature before cleaning.

## Light Bulbs

**WARNING**
To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before replacing light bulb. After replacing light bulb, reconnect power.

**Caution**
To avoid personal injury or property damage, observe the following:

1. Allow bulb to cool.
2. Wear gloves when replacing light bulb.

Remove light bulb cover. Replace light bulb with same size and type of appliance bulb.

## Door Gaskets

1. Clean door gaskets every three months or according to "General" cleaning instructions.
2. Rinse and dry gaskets thoroughly.
3. Apply a light film of petroleum jelly to keep door gaskets pliable.

## Condenser Coil

Clean condenser coil every three months.
Accumulated dust and lint may cause the following:

- reduced cooling performance
- increased energy usage
- premature part failure

1. Remove toe grille by pulling forward.
2. Clean coil with a vacuum cleaner hose nozzle.
3. Install toe grille by positioning top and snapping in bottom. Top is indicated on back of toe grille.
4. Pull refrigerator away from wall. Run a vacuum brush across condenser fan outlet grille on back of refrigerator.

## Vacation Tips

For short vacations, remove perishable foods. If an ice maker is installed, move ice maker arm to off position.

For long vacations, do the following:

1. Remove food from refrigerator.
2. Unplug refrigerator.
3. Clean refrigerator.
4. Clean door gaskets.
5. Prop doors open, so air can circulate inside.
6. Turn off water supply to refrigerator if an ice maker is installed and move ice maker arm to off position.

> **Caution**
> To avoid property damage, turn off water supply to refrigerator and move ice maker arm to off position before leaving on vacation.

## Normal Operating Sounds

This new refrigerator may be replacing a differently designed, less efficient or smaller refrigerator. Today's refrigerators have new features and are more energy efficient. As a result, certain sounds may be unfamiliar. These sounds are normal and will soon become familiar. These sounds also indicate refrigerator is operating and performing as designed.

**Electronic Control Models**
Evaporator fan does not operate when either Fresh Food or Deepfreeze® door is open.

## Before Calling For Service

Refrigerator does not operate.

- Confirm Deepfreeze® control is on.
- Confirm electrical power cord is plugged in.
- Check fuse or circuit breaker. Plug in another item at that wall outlet.
- Wait 40 minutes to see if refrigerator restarts. If Deepfreeze® control is on and lights work but two fans and compressor are not operating, refrigerator may be in defrost cycle.

Refrigerator still won't operate.

- Unplug refrigerator. Transfer food to another unit or place dry ice in Deepfreeze® section to preserve food until refrigerator can be serviced.

Food temperature appears too warm.

- See above sections.
- Allow adequate time for food to reach Fresh Food or Deepfreeze® temperature if a large supply of food was recently added.
- Clean condenser coil.
- Adjust Fresh Food and/or Deepfreeze® control.
- Confirm rear air grille is not blocked. Rear air grille is located behind left crisper.

Chiller fresh system is too warm.

- Slide control to a colder setting.
- Adjust Deepfreeze® control to a colder setting.

Food temperature is too cold.

- Clean condenser coil.
- Adjust Fresh Food control.
- Allow several hours for temperature to adjust.

Refrigerator runs too frequently.

- It may be normal to maintain an even temperature.
- Doors may have been opened frequently or for an extended period of time.
- Clean condenser coil.
- Adjust Deepfreeze® control.
- Check gasket for proper seal.

Water droplets form on inside of refrigerator.

- This is normal during periods of high humidity or if doors have been opened frequently.

Water droplets form on outside of refrigerator.

- Check gasket for proper seal.

Crisper drawers or chiller fresh system do not close freely.

- Check for a package which may prevent drawers from closing properly.
- Confirm drawers are in proper position.
- Clean drawer channels with warm, soapy water. Rinse and dry thoroughly.
- Apply a thin layer of petroleum jelly to drawer channels.
- Confirm refrigerator is level.

Refrigerator has an odor.

- Clean inside of Fresh Food and Deepfreeze® sections.
- Cover all foods tightly and use freezer wrap.

Ice cubes have an odor.

- See above section.
- Discard ice and clean ice bucket or trays more frequently. Ice cubes are very porous and absorb odors very easily.

Refrigerator or ice maker make unfamiliar sounds or seems too loud.

- See "Normal Operating Sounds" section. These may be normal.

Ice cubes stick together or 'shrink'.

- Empty ice cube bucket or trays more frequently. If used infrequently, ice cubes may stick together or shrink.

Ice forms in inlet tube to ice maker.

- Check water pressure. Low water pressure will cause valve to leak. Self-piercing valves cause low water pressure. **Do not use self-piercing valves.**

## Important

Do not discard dispenser trim or instructions.

# Decorator Door Panel Installation Instructions

### 1/4" (6.4 mm) Panel Dimensions

| Model | Refrigerator Door Panel | Freezer Door Panel | Upper Freezer Door Panel | Lower Freezer Door Panel |
|---|---|---|---|---|
| SBI20, SB520, GSI320 | 63 3/32" x 19 3/8" (1603 mm x 492 mm) | 63 3/32" x 13 3/4" (1603 mm x 349 mm) | -- | -- |
| SBD20, SBDT520 | 63 3/32" x 19 3/8" (1603 mm x 492 mm) | -- | 18 3/8" x 13 3/4" (467 mm x 349 mm) | 31 13/16" x 13 3/4" (808 mm x 349 mm) |
| SBDE520 | 63 3/32" x 17 5/8" (1603 mm x 448 mm) | -- | 18 3/8" x 13 3/4" (467 mm x 349 mm) | 31 13/16" x 13 3/4" (808 mm x 349 mm) |

**Caution**
To avoid personal injury or property damage, refrigerator panels should not weigh more than 30 lbs (14 kgs) and freezer panels should not weigh more than 15 lbs (7 kgs).

### Procedure

**WARNING**
To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before installing panels. After installing panels, restore power.

**Caution**
To avoid property damage, protect soft vinyl or other flooring with cardboard, rugs or other protective material.

**Caution**
To avoid personal injury, protect hands and arms. Trim pieces may have sharp edges.

**Important**
Save all screws and reuse in original location.

1. Remove top handle end caps by removing screws.
2. **Dispenser Models**
   Remove crushed/cubed ice switch cover on dispenser by pulling forward. Remove screws from bottom of dispenser cover. Release bottom clips on dispenser cover by placing taped edge of putty knife underneath cover and pulling out. Release top clips by holding bottom of dispenser cover out and sliding up.
3. Remove door handle inserts by placing screwdriver at top of door handles in area between handle and insert and pull forward. Pull edge of inserts forward along length of handles.

**Caution**
To avoid personal injury or property damage, hold handles when removing.

4. Remove door handles by removing screws. On Touchmatic™ electronic control models, remove electronic control panel by disconnecting ribbon cable from socket.

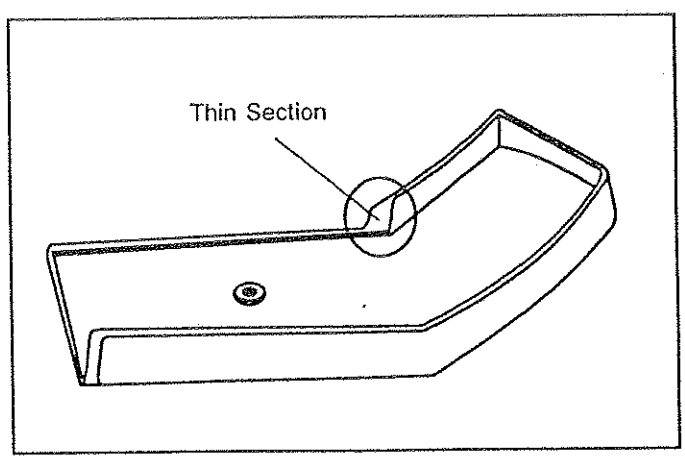
**Important**
Decorator panels should be cut to 1/4" (6.4 mm) panel dimensions. Refer to "1/4" (6.4 mm) Decorator Panel Dimensions" table above.

5. **Dispenser Models**
   Locate dispenser trim in top crisper drawer. Install dispenser trim on freezer panels by sliding trim on bottom edge of upper freezer door panel and top edge of lower freezer door panel.

**Caution**
To avoid property damage, place masking tape on back of panel at each corner. Tape prevents panel from damaging doors.

6. Cover back edges of panels with masking tape. Place several evenly spaced strips of masking tape on rear of panels.
7. **Non Dispenser Models**
   Open doors. Place bottom of panels in bottom trim then place top of panels under top trim. Slide panels into place until panels are seated firmly under side trim.

   **Dispenser Models**
   Open doors. Place bottom of refrigerator panel in bottom trim then place top of panel under top trim. Place bottom of lower freezer door panel in bottom trim then place top of panel under dispenser cavity. Place bottom of upper freezer door panel in top of dispenser cavity then place top of panel under top trim Slide panels into place until panels are seated firmly under side trim.
8. Replace door handles by placing door handles on doors. Insert screws and tighten. On Touchmatic™ electronic control models, replace electronic control panel by connecting ribbon cable to socket. Replace handle inserts by snapping in place.
9. **Dispenser Models**
   Replace dispenser cover by snapping in place. Insert screws and tighten. Replace switch by snapping in place.
10. Remove thin section on top handle end caps to allow room for panels. Discard section. Replace top handle end caps by placing end caps on handles. Insert screws and tighten.




Part No. 10020008
Printed in U.S.A.

Amana
A Raytheon Company

©1995 Amana Refrigeration, Inc.
Amana, Iowa 52204