



ALL-FREEZER

Model FS-60



Instruction Manual

Write Model Number and Serial Number
from label on back of unit here:

Model No.: _____

Serial No.: _____

Felix Storch, Inc.
Summit Appliance Division
770 Garrison Avenue
Bronx, New York 10474
www.summitappliance.com

TABLE OF CONTENTS

Introduction	2
<i>We Care About the Environment</i>	
<i>Before Using for the First Time</i>	
Important Safety Instructions	3
<i>Disposing of a Worn-Out Appliance</i>	
Placement and Installation	4
<i>Choosing the Right Location</i>	
<i>Placement of the Appliance</i>	
<i>Electrical Connection</i>	
Instructions for Use	5 - 7
<i>Tips for Saving Energy</i>	<i>5</i>
<i>Controls</i>	<i>5</i>
<i>Temperature Selection</i>	<i>5 - 6</i>
<i>Storing Fresh Foods</i>	<i>6</i>
<i>Commercially Frozen Foods</i>	<i>6</i>
<i>Shelves</i>	<i>7</i>
<i>Lock (Optional)</i>	<i>7</i>
Maintenance and Cleaning	8
<i>Manual Defrosting of the All-Freezer</i>	
<i>Cleaning the Appliance</i>	
<i>Switching Off the Appliance When Not in Use</i>	
Troubleshooting	9 - 10
<i>Before Calling for Service</i>	<i>10</i>
Limited Warranty	11



INTRODUCTION

Thank you for purchasing this appliance. It has been manufactured to the high standards set for all Summit products. We expect that it will successfully serve you for many years.

A **Freezer** is used for freezing fresh foods at a temperature of -13°F (-25°C).

The **FS-60** is a front-opening freezer with open shelves and in-door storage. It offers a full 5.0 cubic feet of capacity.

We Care About the Environment

- ✚ Our appliances are distributed in packaging made of environmentally friendly material which can safely be recycled, disposed of or destroyed without any effects on the environment whatsoever.
- ✚ Our instruction manuals are printed either on recycled paper or chlorine-free bleached paper.

Before Putting Into Use

- ✚ Before connecting the appliance to the power supply, leave it standing for about 2 hours, which will reduce the possibility of malfunctions in the cooling system due to handling during transportation.
- ✚ Clean the appliance thoroughly, especially the interior. (See *Maintenance and Cleaning*).

IMPORTANT SAFETY INSTRUCTIONS

Warning! To reduce the risk of fire, electrical shock, or injury when using your appliance, follow these basic precautions.

- ✚ Read all instructions before using the appliance
- ✚ If you bought this appliance to replace an old one equipped with a lock that cannot be opened from inside (lock, bolt), make sure that the lock is broken. This will make it impossible for children to lock themselves inside the appliance and suffocate.
- ✚ The appliance must be correctly connected to the power supply.
- ✚ If the food has a 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 and cleaning it. (Only a qualified technician should repair it.)
- ✚ For the sake of environmental protection, when moving the freezer, be careful not to damage the rear wall (the condenser unit or the tubes) or any part of the freezing system inside the appliance. Use only enclosed tools or tools recommended by the manufacturer.
- ✚ **DANGER:** *Risk of child entrapment!*
Before throwing away your old freezer please remove the doors and leave the shelves in place so that children may not easily climb inside.
- ✚ The rating plate is located on the outer rear wall of the freezer.

Disposing of a Worn-Out Appliance

When your appliance finally wears out, dispose of it. If the appliance has a lock, break it to prevent eventual accidents (danger of children getting locked inside the appliance).

PLACEMENT AND INSTALLATION

Choosing the Right Location

Place the appliance in a dry and well-ventilated room with a sturdy floor. Allowable ambient temperature depends on the model (class) of the appliance and is stated on the rating plate of the appliance.



Class	Ambient Temperature
SN (sub-normal)	from + 56°F to + 90°F
N (normal)	from + 62°F to + 90°F
ST (sub-tropical)	from + 64°F to +100°F
T (tropical)	from + 64°F to +120°F

The appliance may be exposed to lower or higher temperatures but only for short periods of time and the temperature should never be lower than 41°F.

Never place the appliance near heat-emitting devices (e.g. oven, radiator, water heater or similar devices) and do not expose it to direct sunlight.

The appliance should be positioned at least 1" away from an electric or gas stove and at least 12" away from an oil burner or water heater. If this isn't possible, use appropriate insulation. Behind the appliance there should be at least 2" of free space. Also allow at least 2" of space above the appliance to assure adequate ventilation of the condenser unit.

Placement of the Appliance

-  Be sure the appliance is level.
-  If two spacers are included with the unit, they should be fitted onto the upper edge of the condenser to prevent the appliance from being installed too close to the wall.

Electrical Connection

Connect the appliance to a 120VAC/60Hz power supply socket, which should include a ground terminal (safety socket).

DO NOT USE AN EXTENSION CORD.

The connection to the power supply and grounding has to be made according to current standards and regulations. The appliance resists temporary voltage tolerance from -15 to 10%.

INSTRUCTIONS FOR USE

These instructions describe the appliance and the correct and safe way to use it. The instructions were prepared for various types/models of freezers, therefore you may find in it descriptions of some accessories and functions that your appliance does not have.

Tips for Saving Energy

- ✚ Try not to open the door too often, especially when the weather is hot and humid. Once you open the door, try to close it as soon as possible.
- ✚ Every now and then check if the appliance is sufficiently ventilated (adequate air circulation behind the appliance).
- ✚ Set the thermostat from higher to lower settings as soon as possible (depending on how loaded the appliance is, the ambient temperature, etc.).
- ✚ The condenser coils on the rear of the freezer should be cleaned and kept free of an accumulation of dust.
- ✚ Ice and frost layers increase energy consumption, so defrost and clean the freezer when the layer reaches a thickness of 1/8".
- ✚ Always keep in mind the instructions stated in this section and in *Placement and Installation*, otherwise energy consumption will be substantially higher.

Controls

The appliance is controlled with the thermostat knob, located in the right upper corner inside the appliance.

Turn the knob clockwise from the **STOP (0)** position towards **7** to increase the amount of cooling, and backwards from **7** to decrease the cooling.

Temperature Selection

- ✚ When the freezer operates automatically, the interior temperature is controlled by the thermostat. Higher settings on the knob mean colder temperatures inside the appliance. Only use higher thermostat settings when required or recommended. The most suitable thermostat position is in the middle, between the maximum and minimum settings.
- ✚ Changes in the ambient temperature affect the temperature in the interior of the appliance. Adjust the setting on the thermostat knob if needed.

- ✚ When the knob is at the **STOP (0)** position, the appliance does not operate (the cooling system is switched off). However, the power supply is not interrupted.
- ✚ The temperature in the freezer also depends on how often you open and close the door.

Storing Fresh Foods

- ✚ Foods to be stored in the freezer should be properly packed in plastic bags or wrap, aluminum foil or covered containers to prevent mixing odors and various degrees of moisture.
- ✚ Never store any inflammable, volatile or explosive substances.
- ✚ Food should not touch the rear wall of the freezer.
- ✚ Some organic substances like volatile oils in lemon and orange peel, acid in butter, etc., can cause damage when in contact with plastic surfaces or rubber gaskets for a long period of time.
- ✚ An unpleasant odor inside the freezer is a sign that something is wrong with the food or that your freezer needs cleaning. Odors may be eliminated or reduced by washing the interior of the freezer with a mild solution of water and vinegar. We also recommend using activated carbon filters to clean the air or to neutralize odors.

Commercially Frozen Foods

Article of Food	Storage time (months)											
	1	2	3	4	5	6	7	8	9	10	11	12
Vegetables	+	+	+	+	+	+	+	+	+	+		
Fruit	+	+	+	+	+	+	+	+	+	+	+	+
Bread, Pastries	+	+	+									
Milk	+	+	+									
Ice Cream	+	+	+	+	+	+						
Ready-Made Meals	+	+	+									
Beef	+	+	+	+	+	+	+	+	+	+	+	+
Veal	+	+	+	+	+	+	+	+	+	+		
Pork	+	+	+	+	+	+						
Poultry	+	+	+	+	+	+	+	+	+	+		
Game	+	+	+	+	+	+	+	+				
Ground Meat	+	+	+	+								
Smoked Sausages	+	+	+	+								
Lean Fish	+	+	+									
Fatty Fish	+											
Organ Meat	+	+										

Legend: + means recommended storage time in months

Shelves

If you want to remove a shelf, lift up the rear edge slightly and pull it out. Easily perishable foods should be stored at the back of the shelf, which is the coldest part.

Lock (optional)

The side mounted lock with a spring can be locked or unlocked by slightly pressing and turning the key at the same time.

MAINTENANCE AND CLEANING

Manual Defrosting of the All-Freezer

When the frost and ice layer in the freezer is 1/8" thick you should defrost and clean the freezer.

- ✚ First turn the thermostat knob to the **STOP (0)** position and disconnect the power supply. Empty the freezer and make sure the packages remain frozen.
- ✚ Place a suitable container under the freezer to collect the defrost water. Leave the freezer door open to accelerate defrosting.

Cleaning the Appliance

Disconnect the power supply before cleaning the appliance. Do not use coarse or strong cleaning agents as they can damage the surface.

- ✚ Clean the **exterior** with water and mild detergent. Powder-coated steel surfaces can be cleaned with a soft cloth and an alcohol-based cleaning agent (for example, a glass cleaner). You may also use alcohol (ethanol or isopropyl alcohol). The application of abrasive and strong cleaners, such as those made for stainless steel, is not appropriate for the cleaning of plastic and coated parts.
- ✚ Remove the detachable shelves and clean them with water and liquid detergent. Plastic parts cannot be washed in a dishwasher.
- ✚ Wash the **interior** of the appliance with lukewarm water to which you have added one or two spoonfuls of vinegar.
- ✚ Every now and then, clean the condenser on the rear wall. Use a soft non-metallic brush or vacuum cleaner.
- ✚ Clean the drain pan on the freezer's compressor, but do not remove the drain pan.

After cleaning, reconnect the appliance to the power supply and reload the packages.

Switching Off the Appliance When Not in Use

If you do not intend to use the appliance for a long time, set the thermostat knob to the **STOP (0)** position and disconnect the power supply. Then take out the foods and defrost and clean the appliance. Leave the door slightly open.

TROUBLESHOOTING

During the operation of your appliance, you can come across some problems often resulting from improper handling that can easily be eliminated.

Appliance fails to operate after connecting to the power supply

- Check the supply in the outlet socket and make sure the appliance is switched on (thermostat in the operating position).

Compressor operates continuously

- The door was frequently opened or it was left open too long.
- The door is not properly closed (the door may sag; the gasket may be dirty or damaged).
- The appliance has been overloaded with fresh foods.
- Inadequate ventilation of the compressor and condenser. (Be sure there is adequate air circulation around the unit. Wipe off the condenser).

Ice forms on the inner rear wall

As long as the defrost water runs to the channel and through the opening to the drain pan on the compressor, automatic defrosting of the appliance is assured. When the ice formation on the inner back wall increases to a thickness of 1/8", the ice should be manually defrosted.

Set the thermostat knob to the **STOP (0)** position and leave the door open. Never use electric devices for defrosting and do not scrape the ice or frost layer with sharp objects. When defrosting is complete, turn the knob to the desired position and close the freezer door.

The cause of increased ice formation may be one of the following:

- The door does not seal well (clean the gasket if it is dirty, or replace it if it is damaged).
- The door was frequently opened or it was left open for too long.
- The food stored in the refrigerator was warm.
- The food or a container is touching the inner back wall.

Water is leaking from the freezer

In case the discharged water outlet is clogged or the defrost water drips over the channel or water leaks from the freezer, just clean the clogged opening with a plastic straw. Manually defrost the increased ice layer. See the preceding section, "Ice forms on the inner rear wall".

Noise

Cooling in freezing appliances is enabled by the compressor, which produces noise when operating. How noisy the appliance is depends on where it is placed, how it is used and how old the appliance is.

- When the appliance is started, the operation of the compressor may be louder and this does not mean anything is wrong with the appliance. The noise will diminish gradually and will not affect the lifetime of the appliance.
- Sometimes loud and unusual noises occur which are not normal for the appliance. These noises are often a consequence of inadequate positioning. To avoid the noises, make sure the appliance is placed and leveled firmly on a solid base. Make sure the appliance is not touching the wall or kitchen units standing next to it. And always make sure that the shelves of the appliance are in their proper positions.

Before Calling for Service

- ✚ Check the plug and fuse.
- ✚ Test the outlet with a lamp.
- ✚ Be sure the control is not set to **STOP (0)**.
- ✚ Read the manual, especially the items under the *Instructions for Use* section. You may find the answer to your questions.
- ✚ If you don't find the answer to your questions in this manual, find the unit model number (on the upper back of the freezer) and call the Summit Customer Service number

1-800-932-4267

LIMITED WARRANTY

ONE-YEAR LIMITED WARRANTY

Within the 48 contiguous United States, for one year from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, warrantor will pay for factory-specified parts and repair labor to correct defects in materials or workmanship. Service must be provided by a designated service company. Outside the 48 states, all parts are warranted for one year from manufacturing defects. Plastic parts, shelves and cabinets are warranted to be manufactured to commercially acceptable standards, and are not covered from damage during handling or breakage.

5-YEAR COMPRESSOR WARRANTY

1. The compressor is covered for 5 years.
2. Replacement does not include labor.

ITEMS WARRANTOR WILL NOT PAY FOR:

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace or repair fuses or to correct wiring or plumbing.
2. Service calls to repair or replace appliance light bulbs or broken shelves. Consumable parts (such as filters) are excluded from warranty coverage.
3. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by warrantor.
4. Replacement parts or repair labor costs for units operated outside the United States.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Expenses for travel and transportation for product service in remote locations.
7. The removal and reinstallation of your appliance if it is installed in an inaccessible location or is not installed in accordance with published installation instructions.

DISCLAIMER OF IMPLIED WARRANTIES – LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR. WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, SO THESE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

FELIX STORCH, INC.
770 Garrison Avenue
Bronx, NY 10474
Phone: (718) 893-3900
Fax: (718) 842-3093
www.summitappliance.com

SUMMIT

For parts and accessory ordering,
troubleshooting and helpful hints, visit:
www.summitappliance.com/support