

FELIX STORCH, INC.  
SUMMIT APPLIANCE DIVISION®

**INSTRUCTION MANUAL FOR MODELS:**

FS-60

FS-56L



Thank you for putting your trust in our company and for purchasing this appliance. We hope it will successfully serve its purpose for many years.

A Freezer is used for freezing fresh foods at a temperature of  $-25^{\circ}\text{C}$ .

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

The FS-56L is the same as the FS-60 but with a side mounted lock.

**All-Freezer**

## Before Putting Into Use

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

### Instructions for Use

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

## We Care for the Environment

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- ✚ Our appliances are distributed in packaging made of environmental friendly material which could 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.

### Tips for Energy Savings

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- ✚ 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 thermostat from higher to lower settings as soon as possible (depending on how loaded the appliance is, the ambient temperature etc...).
- ✚ The coils on the rear of the refrigerator should be cleaned and free of dust or any other impurities.
- ✚ Ice and frost layer increase energy consumption, so do clean the appliance as soon as the layer is 1/8" thick.
- ✚ Always consider instructions stated in sections Positioning and Energy Saving Tips, otherwise the energy consumption is substantially higher.

## Important

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**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).
- ✚ Use only enclosed tools or tools recommended by the manufacturer.
- ✚ For the sake of environmental protection be careful not to damage the rear wall of the appliance (the condenser unit or the tubes when moving the refrigerator) 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 inside the appliance or outside on the rear wall.

## Disposing of the Worn Out Appliance

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- ✚ 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).

## Placing and Installation

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### Choosing the Right Place

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Place the appliance in a strong dry and regularly ventilated room. Allowed 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 shorter period of time and the temperature should never be lower than 41°F. Never place the appliance near heat emitting devices (e.g. cooker, radiator, water heater or similar devices) and do not expose it to direct sunlight.

The appliance should be positioned at least 3 cm away from the electric or gas cooker and at least 30 cm away from the oil or coal stove. If this isn't possible use an appropriate insulation. Behind the appliance there should be free space at least 200 cm<sup>2</sup> wide. And above the appliance the high kitchen units should be at least five cm above the appliance in order to assure adequate ventilation of the condenser unit.

### Placing the Self-Standing Appliance

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- ✚ It is important to make sure the appliance is leveled evenly to prevent falling.
- ✚ Two spacers attached to the appliance must be fitted onto the upper edge of the condenser, thus preventing the appliance from being installed too close to the wall. Spacers are manufactured for all-purpose functions depending on the distance of the condenser from the wall. Therefore turn spacers correspondingly and adjust them accordingly to the appliance.

### Connection to Power Supply

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Connect the appliance with the cable and plug to the power supply socket outlet with a ground terminal (safety socket).

**“DO NOT USE AN EXTENSION CORD.”**

Required nominal voltage and frequency are indicated on the rating plate.

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

## **Description of the Appliance**

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### **Shelves**

If you want to remove the shelf slightly lift up the back part and pull it out. Quickly perishable foods should be stored on 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 the key turning it to the left or right at the same time.

### **NOTE:**

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- The appliance can be equipped with various accessories, depending on the model of the appliance.
  - Door handles are in various shapes, depending on the model.
  - Various accessories (spice container, tube holder or additional shelves) can be bought in authorized centers.

## Operation Control

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The appliance is controlled with the thermostat knob, placed in the right upper part inside the appliance.

Turn the knob clockwise from STOP (0) position towards 7 and backwards.

## Temperature Selection

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- When the freezer operates automatically, the interior temperature is controlled by the thermostat. Higher settings on the knob mean colder temperatures in all compartments of the appliance. The temperature in the interior of the appliance may even drop below 32°F. Only use higher thermostat settings when required or recommended. The most suitable thermostat position is in the middle, between max and min.
- Changes of the ambient temperature affects the temperature in the interior of the appliance (choose the correct setting on the thermostat knob).
- When the knob is on the STOP (0) position the appliance does not operate (the cooling system is switched off), yet the power supply is not interrupted (the light will still come on if you open the door).
- Temperature in the refrigerator and in low temperature compartments also depend on how often you open and close the door.

# Use

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## Storing Fresh Foods

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- Foods to be stored in the freezer should be properly packed as to prevent mixing various moisture degrees and odors (in polyethylene bags or sheet, aluminum foil and covered containers).
- Never store any inflammable, volatile or explosive substances.
- Food should not touch the rear wall of the freezer.
- Some organic solutions like volatile oils in lemon and orange peel, acid in butter etc. can cause damages when in contact with plastic surfaces or 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
Vegetable	+	+	+	+	+	+	+	+	+	+		
Fruit	+	+	+	+	+	+	+	+	+	+	+	+
Bread, Pastries	+	+	+									
Milk	+	+	+									
Ready-Made Meals	+	+	+									
Beef	+	+	+	+	+	+	+	+	+	+	+	+
Veal	+	+	+	+	+	+	+	+	+	+		
Pork	+	+	+	+	+	+						
Poultry	+	+	+	+	+	+	+	+	+	+		
Game	+	+	+	+	+	+	+	+				
Minced Meat	+	+	=	=	=	=	=	=	=	=		
Smoked Sausages	+	+	+	+								
Lean Fish	+	+	+									
Fat Fish	+											
Offal	+	+										

**Legend:** + means recommended storage time

## Changing the Direction of Opening the Door

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If the door opening direction does not suit you, it may be changed to the opposite side of the cabinet were holes are already made.

- Before changing the door the front side of the appliance must be slightly raised.
- If the screws are covered with caps take them off before undoing the screws.
- The lower hinge (2) can be removed by unscrewing the hinge and removing the nuts (8) from the appliance.
- Then remove the door.
- Push the kick plate into its new position.
- Unscrew the upper hinge pin (1)
- Change the positions of the pins (5) and the door bearings, (7) at the top and the bottom.
- Slip the door on the upper hinge pin (1).
- With the screws and nuts fix the lower hinge.
- Make sure the refrigerator is leveled so that it doesn't fall.
- Unscrew the handle and place it on the opposite side of the appliance (it cannot be done with handles mounted horizontally).
- At last check the resting of the magnetic seals (the seal must not be creased and should seal well).

## Maintenance and Cleaning

### Manual Defrosting of the All-Freezer

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

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

### Cleaning the Appliance

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**Disconnect the power supply** before cleaning the appliance. Do not use coarse or Aggressive cleaning agents as you can damage the surface.

- Clean the **exterior** with water and detergent. Varnished surfaces are cleaned with soft cloth and an alcohol based cleaning agent (for example glass cleaners). You may also use alcohol (ethanol or isopropyl alcohol). The application of abrasive and especially aggressive cleaners, such as stainless steel cleaners, is not appropriate for the cleaning of plastic and coated parts.
- Remove the detachable accessories in the interior of the appliance and clean it with water and liquid detergent. Plastic parts cannot be washed in a washing machine.
- Wash the interior of the appliance with lukewarm water, in which you add one or two spoonfuls of vinegar.
- Every now and then wipe the condenser on the rear wall. Use a soft non-metal brush or vacuum cleaner.
- Do not forget to clean the defrost water receptacle above the refrigerators compressor (do not remove the receptacle). After cleaning, connect the appliance to the power supply and reload the packages.
- Clean the drain pan on the refrigerators compressor, but do not remove the drain pan.

After Cleaning, connect the appliance into the power supply and reload the packages.

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## Switch Off the Appliance When Not in Use

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If you do not intend to use the appliance for a long period of 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.

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## Trouble-Shooting Guide

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During the service of your appliance, you can come across some troubles that in most cases result from improper handling of the appliance that can easily be eliminated.

### **The 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).

### **Continuous Operation of the Refrigerating System**

- 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 polluted or damaged).
- Perhaps you have overloaded the appliance with fresh foods.
- The reason may be inadequate ventilation of the compressor and condenser (assures adequate air circulation and wipe off the condenser).

### **Ice Formation 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. In case the ice formation on the inner back wall is increased (1/8"), ice should be manually defrosted.

Set the thermostat knob to 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. After completed defrosting, turn the knob to desired position and close the refrigerator door.

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

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

### **Water is Leaking from the Refrigerator**

In case the discharged water outlet is clogged, or the defrost water drips over the channel, or water leaks from the refrigerator just clean the clogged opening with a plastic straw. Manually defrost the increased ice layer. See "Ice Formation on the Inner Back Wall".

## Noise

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

- After starting the appliance, the operation of the compressor may be louder and this does not mean something is wrong with the appliance. The noise will reduce gradually, this will not affect the lifetime of the appliance.
- Sometimes unusual and strong noises occur which is rather unusual for the appliance. This noise is often a consequence of inadequate placing. To avoid the noise 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 you check the accessories in the interior of the appliance; they should be placed correctly in their positions.

## BEFORE CALLING FOR SERVICE

- ✚ Check the plug and fuse.
- ✚ Test the outlet with a lamp
- ✚ Be sure the control is not set to **OFF**
- ✚ Read the manual, especially the items under the Use and Care sections. 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 refrigerator) and contact your Summit Appliance Dealer.

Specifications are Subject to Change Without  
Notice.