



SECTION 1

GENERAL INFORMATION



This manual is designed to be used by Authorized Service Personnel only. Sub-Zero Freezer Co., Inc. assumes no responsibility for any repairs made on Sub-Zero refrigeration units by anyone other than Authorized Service Technicians.

INTRODUCTION

This Technical Service / Training Manual (Job Aid Part #3756480) for the Model 235, 15" Undercounter Ice maker, is a compilation of manuals from the Whirlpool Corporation. The information in this manual has been reprinted by Sub-Zero Freezer Company, Inc., with permission from the Whirlpool Corporation. It has been compiled to provide the most recent information on safety, design, installation, operation, features, troubleshooting, wiring diagrams, and repair procedures of the model 235. This information will enable the service technician to troubleshoot and diagnose malfunctions, perform necessary repairs, and return a model 235 unit to proper operational status.

This manual has been designed to be used in conjunction with Whirlpool's Undercounter Ice maker video, #4322584. The video is divided into sections that "generally" correspond to the sections in this manual.

The service technician should read the complete instructions contained in this training/service manual before initiating any repairs on a model 235 unit.

IMPORTANT SAFETY INFORMATION

There are many important safety messages in this manual and on the appliance. Always read and obey all safety messages



This is the safety alert symbol.

This symbol alerts you to hazards that can kill or hurt you and others.

All safety messages will be preceded by the safety alert symbol and the word "DANGER" or "WARNING." These words mean:

⚠ DANGER

You will be killed or seriously injured if you don't follow instructions

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

To reduce the risk of fire, electric shock, or injury when using and / or servicing the ice maker, follow these basic precautions:

- ___ Plug into a grounded 3 prong outlet.
- ___ Do not remove ground prong.
- ___ Do not use an adapter.
- ___ Do not use an extension cord.
- ___ Disconnect power before cleaning.
- ___ Disconnect power before servicing.
- ___ Replace all panels before operating.
- ___ Use two or more people to move and install the ice maker

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TECHNICAL ASSISTANCE

If you should have any questions regarding the model 235 and/or this manual, please contact:

*Sub-Zero Freezer Company, Inc.
ATTN: Service Department
P.O. Box 44130
Madison, WI 53744 - 4130*

*Customer Service & Parts / Warranty Claims
Phone #: (800) 222 - 7820*

*Technical Assistance
Phone #: (800) 919 - 8324*

*Customer Service & Technical Assistance
Facsimile #: (608) 441 - 5887*

*Parts / Warranty Claims
Facsimile #: (608) 441 - 5886*

*Service Department E-Mail Address:
customerservice@subzero.com*

*Office Hours:
7:00 AM to 7:00 PM Central Time
Monday through Friday*

PART ORDERING

Service parts must be ordered through an Authorized Sub-Zero Parts Distributor. If you do not know who the Authorized Sub-Zero Parts Distributor is in your area, contact Sub-Zero at the number(s) listed above.

When ordering parts, always refer to the most current Service Parts Price List for any possible substitutions.

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WARRANTY INFORMATION

This page contains a summary of the 2, 5 & 12 Year Warranty that is supplied with every Model 235. This is followed by a summary of the two special warranties: The *Non-Residential Warranty* which applies to units installed in non-residential applications, and the *Display/Model Home Warranty* which applies to distributor or dealers display units and units in model homes, sold three years after date of manufacture. The last entries on this page are details and notes about the warranties.

TWO, FIVE & TWELVE YEAR Residential Warranty Summary

- Two year TOTAL PRODUCT warranty, *parts and labor.
- Five Year SEALED SYSTEM warranty, **parts and labor.
- Sixth through Twelfth year LIMITED SEALED SYSTEM warranty, sealed system **parts only.

ONE & FIVE YEAR Non-Residential Warranty Summary (Example: Office, Boat, etc.)

- One Year TOTAL PRODUCT warranty, *parts and labor.
- Five year LIMITED SEALED SYSTEM warranty, sealed system **parts only.

ONE & FIVE YEAR Display / Model Home Warranty Summary (Display units sold three years after date of manufacture)

- One Year TOTAL PRODUCT warranty, *parts and labor.
- Five year LIMITED SEALED SYSTEM warranty, sealed system **parts only.

Warranty Details:

- * *Total Product Parts includes, but is not limited to the following:*

Electronic Control System Components, Switches, Fan Motor & Blade, Solenoid, Drain Tubes, Wiring, Water Valve, Door hinge, Circulating Pump Components, Thermistors, Cutter Grid, Compressor Electricals, etc. . .

- ** *Sealed System Parts include the following:*

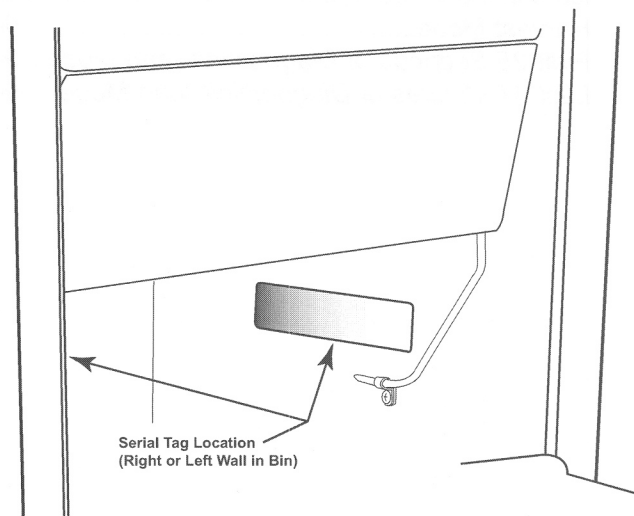
Compressor, Condenser, Evaporator/Heat Exchanger Assembly, Filter-Drier, Hot-Gas Valve, All Tubing That Carries the Freon.

NOTE: *Condenser Fan Motor, Freon, Solder and compressor electricals are NOT considered sealed system parts.*

Warranty Notes:

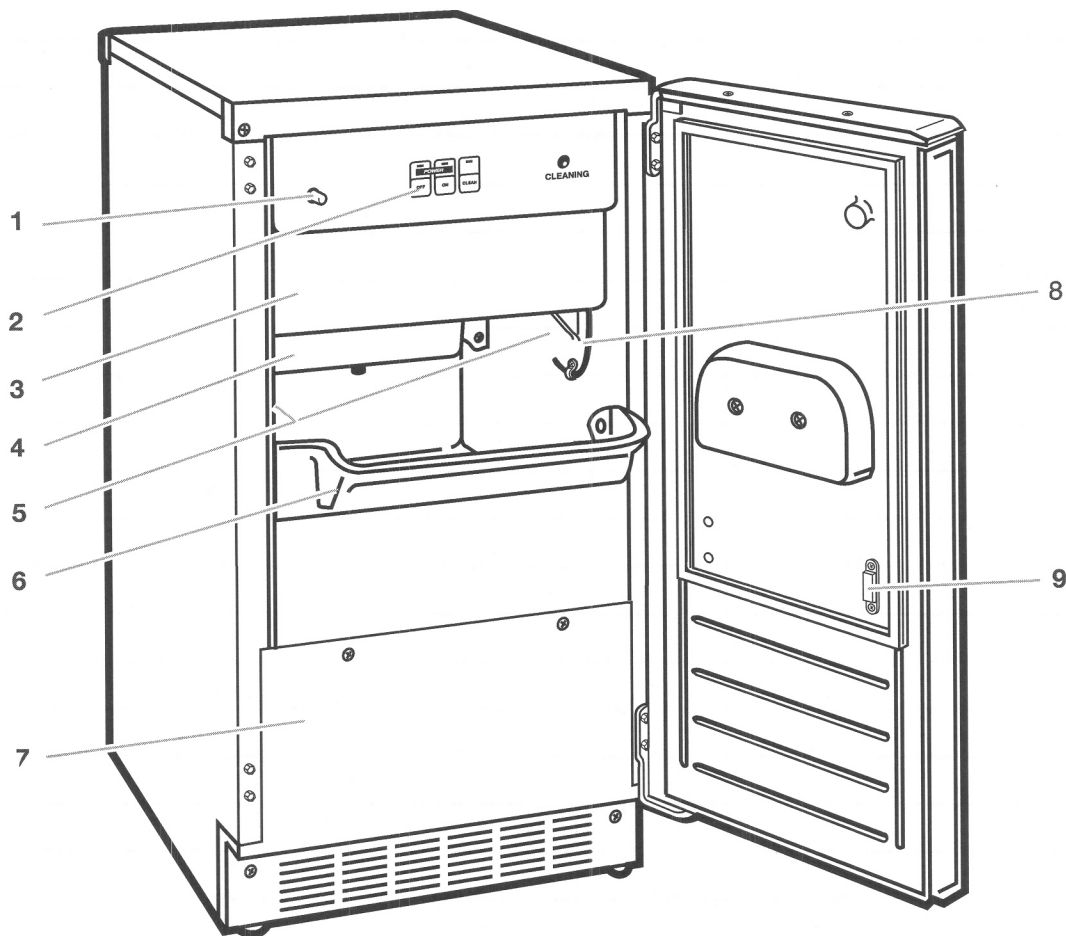
- *All warranties begin at the time of the unit's initial installation.*
- *All Warranty and Service information collected by Sub-Zero is arranged and stored under the unit serial number. This information is now also stored under the customer's last name.*

NOTE: *Sub-Zero still requests that you have the model and serial number available whenever contacting the factory or parts distributor.*



- *The serial number tag for model 235 is located inside the ice bin, on the left or right side.*

PARTS AND FEATURES



- 1. Light Switch
- 2. Control Panel
- 3. Cutter Grid Cover
- 4. Water Pan
- 5. Model serial number plate (on left or right cabinet wall)

- 6. Ice Retainer Baffle
- 7. Lower Access Panel
- 8. Ice Level Sensor
- 9. Magnetic Door Catch