

Integrated Tall & Column Service Manual

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INTRODUCTION

This Technical Service Manual has been compiled to provide the most recent service information for Integrated Series Tall and Column units. This information will enable the service technician to troubleshoot and diagnose malfunctions, perform necessary repairs, and return a unit to proper operational condition.

The service technician should read the complete instructions contained in this manual before initiating any repairs.

For installation information see **Integrated Refrigeration Installation Guide** available at <http://www.subzero-wolf.com/traderesources/product-specifications>

For Use and Care information see **Integrated Refrigeration Use & Care Guide** available at <http://www.subzero-wolf.com/traderesources/product-specifications>

IMPORTANT SAFETY INFORMATION

Below are Product Safety Labels used in this manual. The "Signal Words" used are **WARNING** or **CAUTION**.

When reviewing this manual, please note these different Product Safety Labels placed at the beginning of certain sections of this manual. You must follow the instructions given in the boxes of the Product Safety Labels in order to avoid personal injury and/or product damage.

The sample Product Safety Labels below illustrate the precautions that should be taken when the signal word is observed.

WARNING

STATES A HAZARD THAT MAY CAUSE SERIOUS INJURY OR DEATH IF PRECAUTIONS ARE NOT FOLLOWED.

CAUTION

Indicates a situation where minor injury or product damage may occur if instructions are not followed.

In addition, please pay attention to the signal word **"NOTE"**, which highlights information that is especially important for the topic being covered.

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

TECHNICAL ASSISTANCE

If you should have any questions regarding a Sub-Zero appliance and/or this manual, please contact:

Sub-Zero, Inc.
ATTN: Service Department
P.O. Box 44988
Madison, WI 53744-4988

Customer Assistance
Phone #: (800) 222 - 7820
Facsimile #: (608) 441 - 5887

Technical Assistance
(For Technicians in Customer's Homes Only)
Phone #: (800) 919 - 8324

Parts / Warranty Claims
Phone #: (800) 404 - 7820
Facsimile #: (608) 441 - 5886

Service Department e-mail Address:
customerservice@subzero.com

Main Office Hours:
8:00 AM to 5:00 PM Central Time
Monday through Friday
(24/7 Phone Coverage)

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WARRANTY INFORMATION

This page summarizes the 2, 5 & 12 Year Residential Warranty provided with every Sub-Zero, as well as two special warranties:

- *Non-Residential Warranty* - Applies to units installed in non-residential applications.
- *Display/Model Home Warranty* - Applies to distributor or dealer display units, and units in model homes, sold three years after date of manufacture.

Following the warranty summaries are details and notes about the warranties.

TWO, FIVE & TWELVE YEAR Warranty

- 2 year TOTAL PRODUCT, *parts and labor.
- 5 Year SEALED SYSTEM, **parts and labor.
- 6th - 12th year LIMITED SEALED SYSTEM, **parts only.

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

- 1 Year TOTAL PRODUCT, *parts and labor.
- 5 Year SEALED SYSTEM, **parts only.

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

- 1 Year TOTAL PRODUCT, *parts and labor.
- 5 Year SEALED SYSTEM, **parts only.

Warranty Details:

* Includes, but is not limited to the following:

Electronic Control System Components, Fan & Light Switches, Fan Motors & Blades, Defrost & Drain Heaters, Defrost Terminator, Drain Pan, Drain Tubes, Wiring, Light sockets & bulbs, Icemaker, Water Valve, Door hinges, Door closers & Cams, Compressor Electricals, etc. . .

* *Stainless Steel doors, panels and product frames are covered by a limited 60 day parts and labor warranty for cosmetic defects.*

** Includes the following:

Compressors, Condenser, Evaporators, Filter-Driers, Heat-exchangers, All Tubing that Carries Freon.

NOTE: Condenser Fan Motors and compressor electricals are NOT considered sealed system parts.

Warranty Notes:

- All warranties begin at unit's initial installation date.
- All Warranty and Service information collected by Sub-Zero is arranged and stored under the unit serial number, and the customer's last name.
- Sub-Zero requests that you have the model and serial number available whenever contacting the factory or parts distributor.
- The serial tag is located on the left wall of the upper drawer compartment.

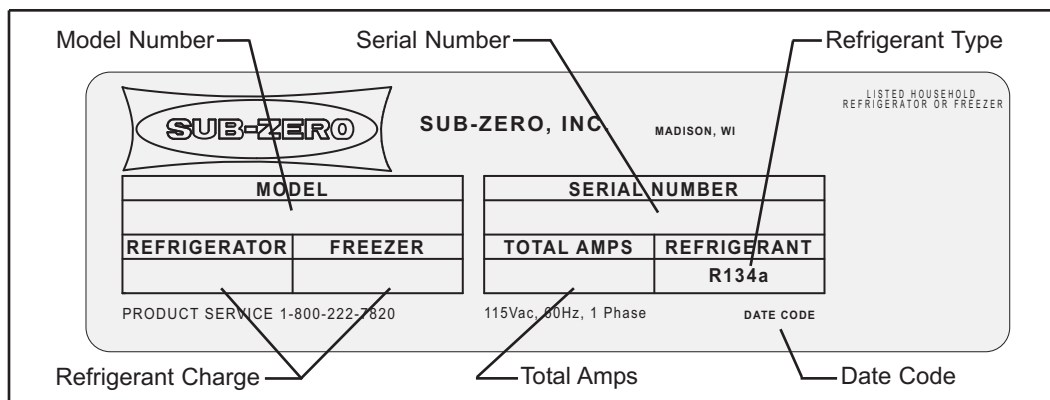


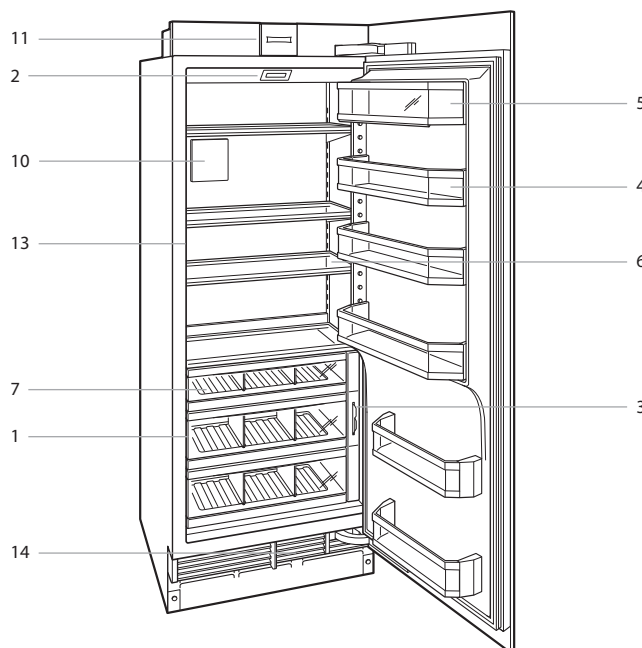
Figure 1-1. Serial Tag Layout

(The serial number tag is located on the left side wall of the upper drawer compartment.)

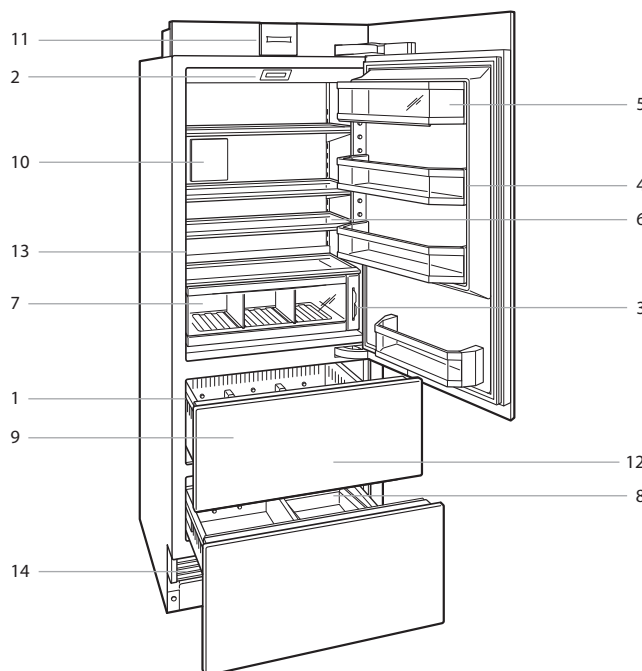
INTEGRATED FEATURES

FEATURE

1	Product Rating Plate
2	Interactive Control Panel
3	Freshness Cards
4	Door Shelves
5	Dairy Compartment
6	Glass Shelves
7	Refrigerator Drawers
8	Ice Container
9	Storage Drawers
10	Air Purification System
11	Water Filtration System
12	Automatic Ice Maker
13	Water Dispenser (dispenser models)
14	Condenser (behind grille)



Column all refrigerator.



Tall combination.

INTERACTIVE CONTROLS

Interactive Control Panel

For initial start up, touch and hold 'power' on the control panel for 2 seconds.

Temperature can be adjusted in one-degree increments on the home screen. Combination units have separate temperature controls for refrigerator and freezer. Temperatures are preset at 38°F (3°C) and 0°F (-18°C). To change temperature, touch the temperature being adjusted, then press '+' or '-' until desired temperature is displayed. Refer to the illustration below.

Once temperature has been adjusted, additional features can be activated or deactivated from the options screen. Touch ► to view the options screen. Refer to the illustration below.








Home screen.














Options screen.

OPTIONS SCREEN

-  Touch to activate or deactivate ice maker system and max ice feature.
-  Touch to activate or deactivate door/drawer alarm.
-  Touch to activate or deactivate water dispenser.
-  Touch to activate or deactivate air purification system.
-  Touch to view settings screen.

SETTINGS SCREEN

-  Touch to view model information.
-  Touch to select temperature unit, Fahrenheit or Celsius.
-  Touch to adjust control panel brightness and contrast.
-  Touch to adjust door/drawer alarm volume and pitch.
-  Touch to adjust door/drawer alarm duration.
-  Touch to enter Sabbath mode.
-  Touch to view troubleshooting and service information.
-  Touch to set clock.
-  Touch to select smart home options.
-  Touch to select language options.
-  Touch to adjust soft on lighting.

MODEL DESCRIPTIONS

This page briefly describes the models covered in this Technical Service Manual.

MODEL	DESCRIPTION
IC-18FI	Integrated Column - 18" width, all Freezer with Icemaker

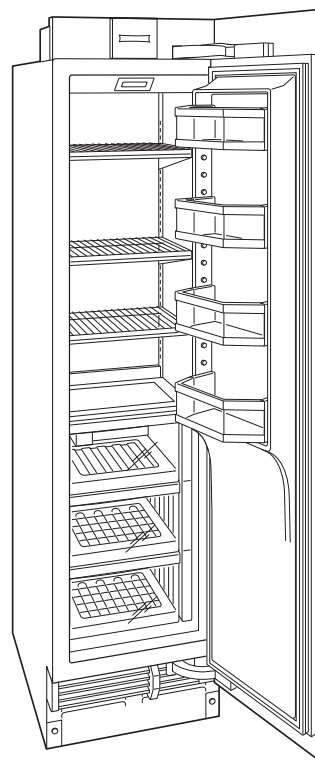


Figure 1-2. Model IC-18FI

MODEL	DESCRIPTION
IC-24R	Integrated Column - 24" width, all Refrigerator

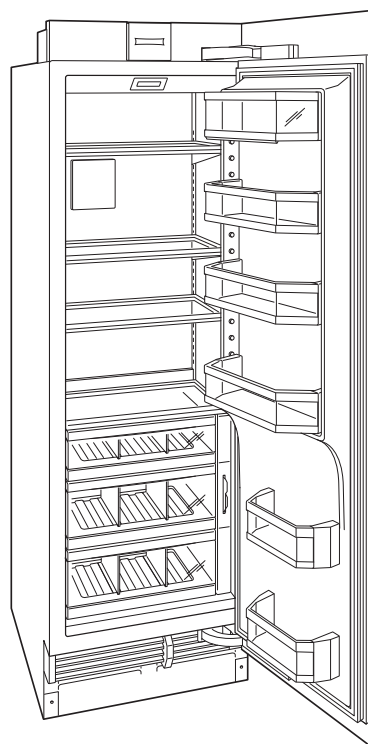


Figure 1-3. Model IC-24R

MODEL	DESCRIPTION
IC-24FI	Integrated Column - 24" width, all Freezer with Icemaker

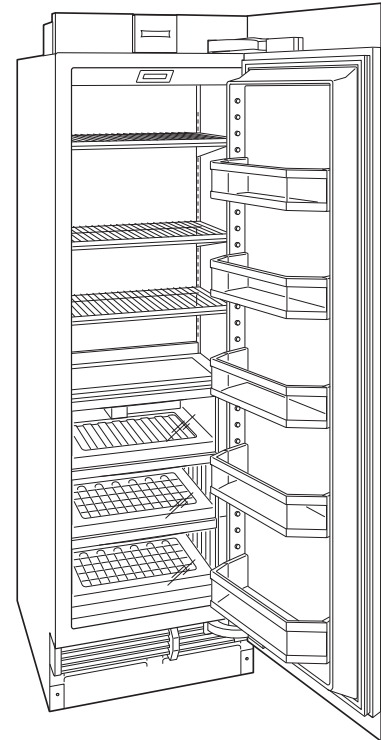


Figure 1-4. Model IC-24FI

MODEL	DESCRIPTION
IC-30R	Integrated Column - 30" width, all Refrigerator
IC-30RID	Integrated Column - 30" width, all Refrigerator, with Internal Dispense water

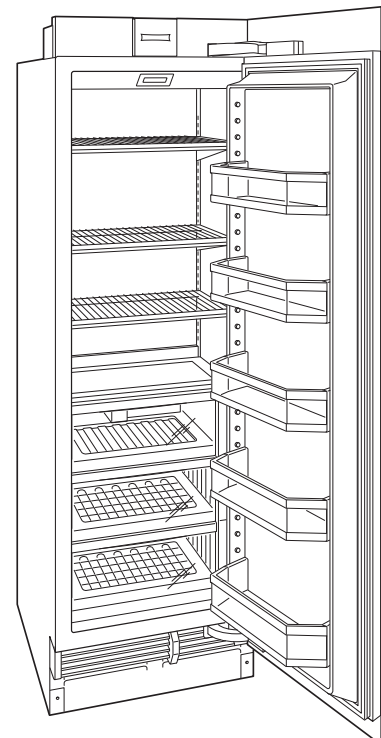


Figure 1-5. Model IC-30R & IC-30RID

MODEL	DESCRIPTION
IC-30FI	Integrated Column - 30" width, all Freezer with Icemaker

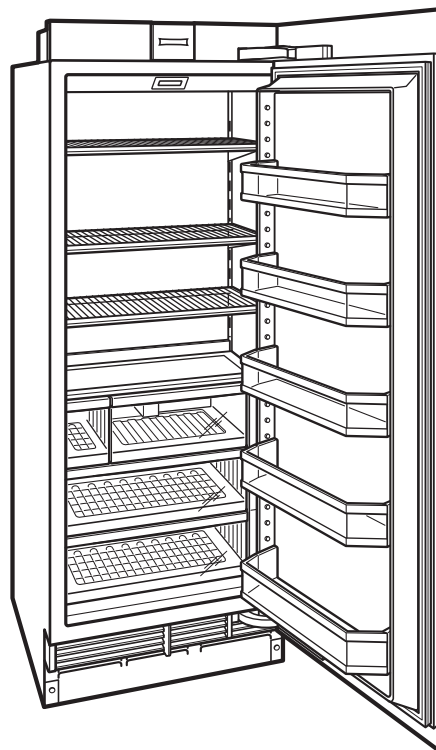


Figure 1-6. Model IC-30FI

MODEL	DESCRIPTION
IC-36R	Integrated Column - 36" width, all Refrigerator
IC-36RID	Integrated Column - 36" width, all Refrigerator, with Internal Dispense water

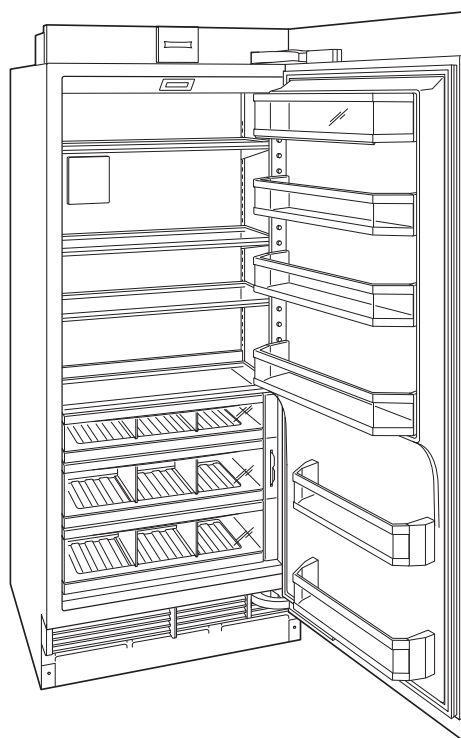


Figure 1-7. Model IC-36R & IC-36RID

MODEL	DESCRIPTION
IC-36FI	Integrated Column - 36" width, all Freezer with Icemaker

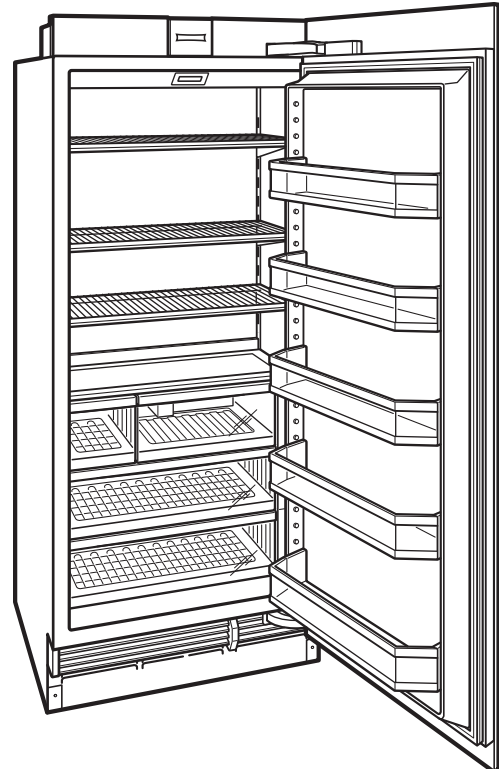


Figure 1-8. Model IC-36FI

MODEL	DESCRIPTION
IT-30R	Integrated Tall - 30" Wide, all Refrigerator
IT-30RID	Integrated Tall - 30" Wide, all Refrigerator, with Internal Dispense water

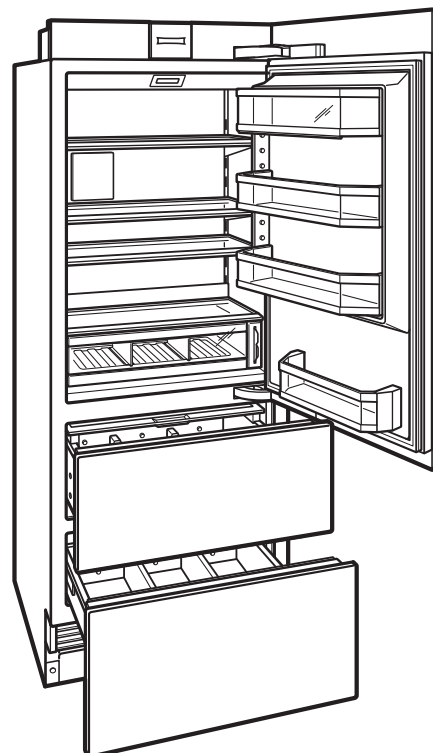


Figure 1-9. Model IT-30R & IT-30RID

MODEL	DESCRIPTION
IT-30FI	Integrated Tall - 30" Wide, all Freezer with Icemaker

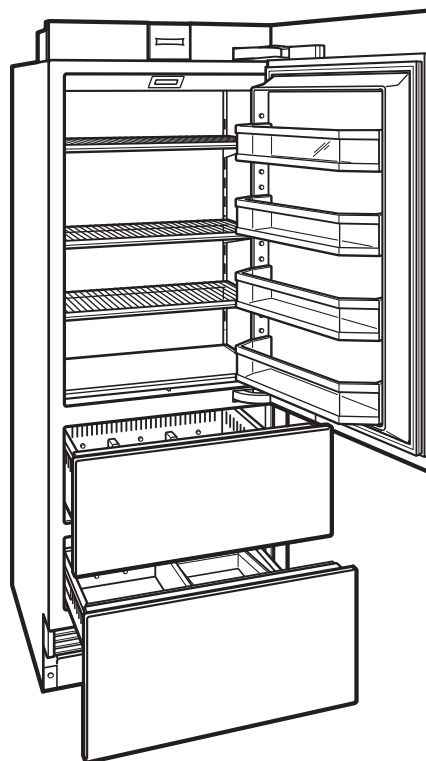


Figure 1-10. Model IT-30FI

MODEL	DESCRIPTION
IT-30CI	Integrated Tall - 30" Wide Combination Refrigerator/Freezer with Icemaker
IT-30CIID	Integrated Tall - 30" Wide Combination Refrigerator/Freezer with Icemaker and with Internal Dispense water

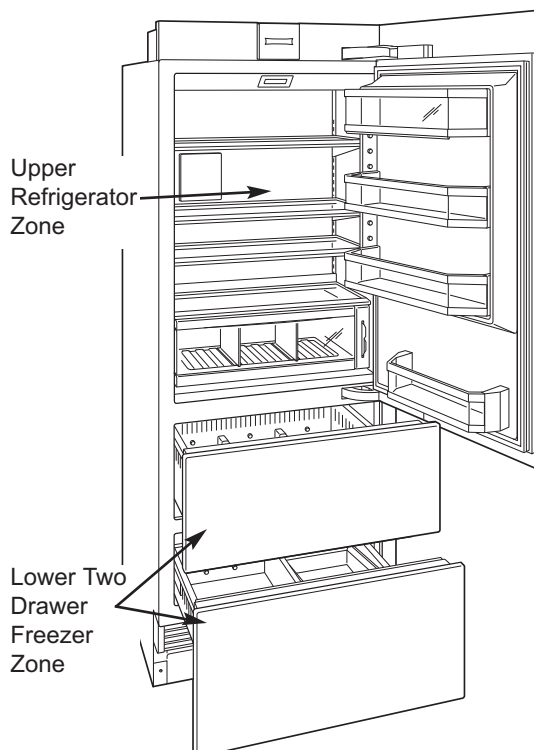


Figure 1-11. Model IT-30CI & IT-30CIID

MODEL	DESCRIPTION
IT-36R	Integrated Tall - 36" Wide, all Refrigerator
IT-36RID	Integrated Tall - 36" Wide, all Refrigerator, with Internal Dispense water

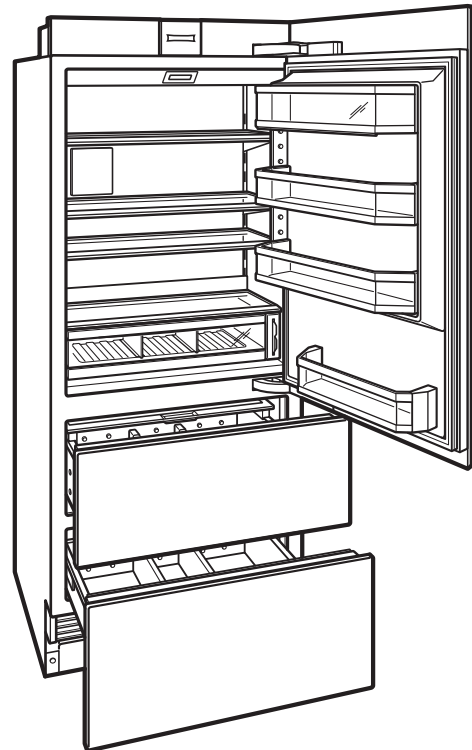


Figure 1-12. Model IT-36R & IT-36RID

MODEL	DESCRIPTION
IT-36CI	Integrated Tall - 36" Wide Combination Refrigerator/Freezer with Icemaker
IT-36CIID	Integrated Tall - 36" Wide Combination Refrigerator/Freezer with Icemaker and with Internal Dispense water

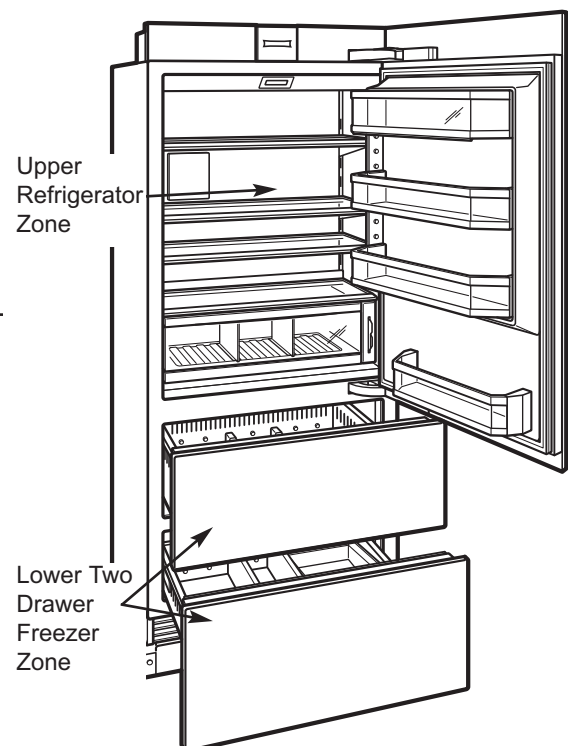


Figure 1-13. Model IT-36CI & IT-36CIID