

SUB-ZERO FREEZER COMPANY – DESIGN SOLUTIONS

Welcome to Sub-Zero. We make the ultimate built-in, integrated and undercounter refrigerators and freezers, and we have added a complete line of wine storage units to our inventory. Hidden refrigeration is an idea we invented, it's an idea we continue to define. For hundreds of designers and hundreds of thousands of homeowners, and now wine enthusiasts, a home or kitchen is neither right, nor complete without a Sub-Zero.

We offer more solutions to your daily design problems of trying to work the largest appliance into a home without being obtrusive. Placing refrigeration in the home is no longer a problem, but an opportunity to exercise your creativity to place it where it logically belongs.

For instance, instead of going to the refrigerator, bring the refrigerator to your client with the 700 Series. Our base and tall units enable you to place them in media rooms, the workout room, the master bedroom, even beside the kitchen sink.

Sub-Zero has rethought traditional built-in refrigeration a category it pioneered-with its 600 Series. When our complete line of configurations-over-and-under, side-by-side, all refrigerator, and all freezer-are coupled with three design alternatives; the results are that you have unlimited flexibility in satisfying your client's needs for residential refrigeration.

With the addition of the 400 Series of wine storage equipment, Sub-Zero is breaking with conventional ways of offering wine storage for designers and their clients. Now you are not just limited to placing an undercounter unit with a stainless steel look, you have the ability to add a wood frame to the unit, or for a customer who is really a wine enthusiast, you have the ability to choose from four different models.

We also offer undercounter refrigerators of exceptional quality. There are different configurations to satisfy any needs.

In all instances, you can depend on Sub-Zero. Our reputation is legendary. We have engineered and manufactured the best product and warranty in the business and today we stand behind our product like no one else. Each one of our units is tested before it leaves our factories and if service is necessary, there is a network of thousands of factory-trained technicians to help you.

Each unit is protected by the Sub-Zero 12-Year Protection Plan that covers the entire unit for two years for parts and labor from the date of installation. A five-year parts and labor warranty and a six through twelve-year parts warranty covers the sealed system including compressors, condenser, evaporator, drier, and all connecting tubing.

Review the changes we have made to Sub-Zero to help you solve your design problems. We are confident you will like what you see, because, in many instances, these are changes you have been asking for.

IMPORTANT NOTE: As you follow these instructions, you will notice warning and caution symbols. This blocked information is important for the safe and efficient installation of this Sub-Zero. There are two types of potential hazards that may occur during this installation.

⚠ CAUTION

signals a situation where minor injury or product damage may occur if you do not follow instructions.

⚠ WARNING

states a hazard may cause serious injury or death if precautions are not followed.

Another footnote we would like to identify is: **IMPORTANT NOTE:** This highlights information that is especially relevant to a problem-free installation.

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Creating Solutions for Home Refrigeration Needs

Sub-Zero's 600 Series offers you the most complete set of design options in built-in refrigeration for all of its models. From the classic look of the framed unit, to the professional treatment of the wrapped stainless steel door, to the beauty of overlay models, Sub-Zero has it all.

The accompanying illustrations show stainless steel, overlay and framed unit configurations applied to the Model 650. Note how the different looks are qualified with model number suffixes.

There are two exceptions to the design designations for each model:

- Models 680 and 690 come only in framed and stainless steel applications.
- Model 561 will maintain the 500 Series look for the framed application and will not be offered in the overlay

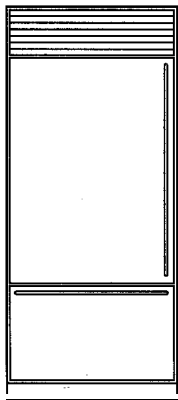
format. It will, however, be offered in a stainless steel version with wrapped doors.

All stainless steel models come with a standard 11 -inch heavy duty louvered grille, one-inch diameter stainless steel handles and a stainless steel toe kick.

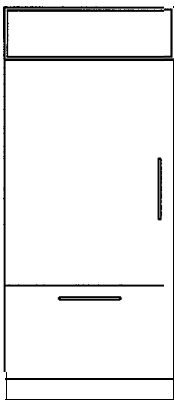
Overlay models come with no handle hardware. The beauty of this design is that you can match the surrounding cabinetry hardware. Sub-Zero does offer optional handles featuring the craftsmanship and attention to detail Sub-Zero is famous for. These models come with a standard 11 -inch panel grille which will accept decorative panel inserts.

The traditional framed units will come with an elegant smooth full-length handle and an 11 -inch louvered grille.

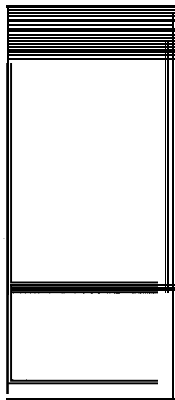
All grilles are offered as options in one-inch increments from 10 to 15 inches, and can be ordered as sales accessories.



Model 650/S
Stainless Steel



Model 650/O
Overlay



Model 650/F
Framed

SUB-ZERO 600 SERIES - BUILT-IN REFRIGERATION

An important step in assuring a successful plan is to make sure that the actual equipment shipped to your installation site matches the design you have ordered. To ensure the best possible customer service, make sure your installer checks the shipment carefully at the job site.

Each of these three design options – Stainless Steel, Framed and Overlay – has specific installation requirements, which means it is vital that the unit match your planning and space needs. Each different design alternative will be shipped in a different carton.

Stainless steel units are packed in cartons with a gray cap and white lettering identifying them as stainless. The stainless steel unit has a wrapped door, one-inch diameter handles and heavy-duty stainless steel louvered grille.

Framed units are packed in cartons with a white cap and blue lettering identifying them as framed. The framed unit will have an extruded handle and louvered grille.

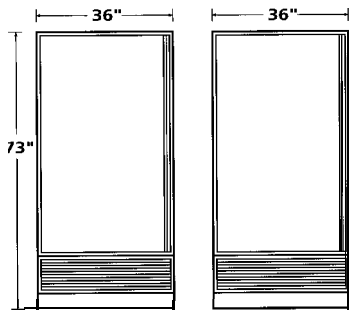
Overlay units are packed in cartons with a blue cap and

white lettering identifying them as overlay. Units are shipped with no handle hardware (hardware is supplied at the site to match cabinetry at the installation) and a two-part panel grille frame without a panel.

At the end of this section, you'll find a checklist for installing Sub-Zero 600 Series units. This checklist is intended as a brief summary of the most important procedures involved in installation. However, they do not constitute detailed installation instructions. Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing all Sub-Zero products, or call Sub-Zero Freezer Company at (800) 222-7820 for your copy.

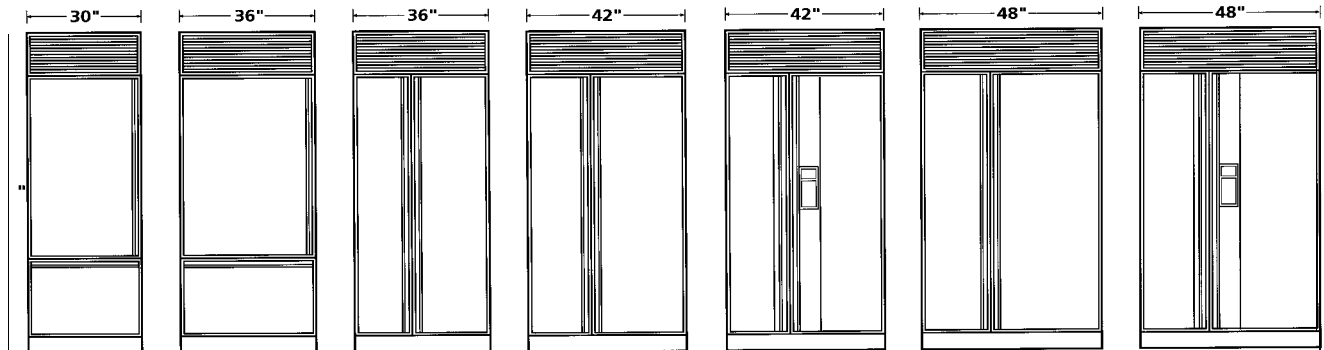
The 600 Series

For information regarding specific 600 Series models, refer to the charts and illustrations in this section. Regardless of the specific design application, all interior specifications are identical.



Model 601 R
All Refrigerator

Model 601 F
All Freezer



Model 611
Over/Under

Model 650
Over/Under

Model 561
Side by Side

Model 642
Side by Side

Model 680
Ice & Water
through the Door

Model 632
Side by Side

Model 690
Ice & Water
through the Door

600

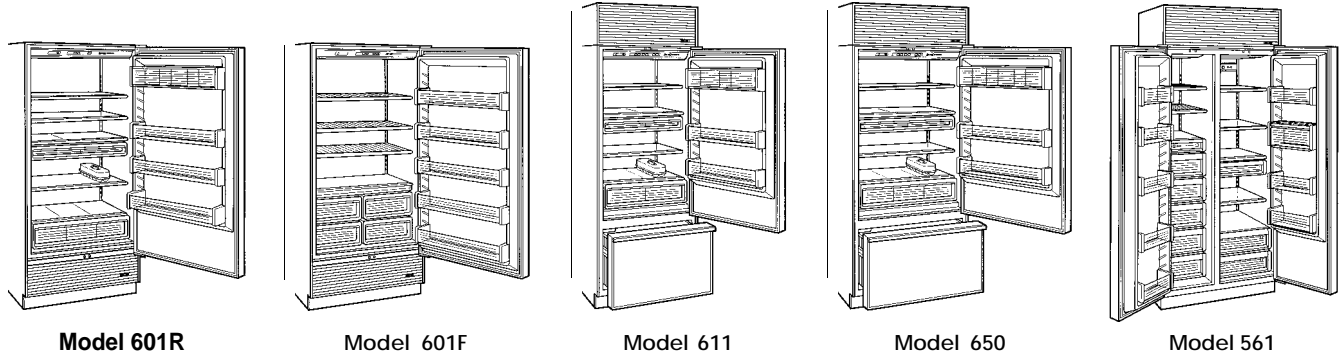
SERIES

600 SERIES SPECIFICATIONS AND FEATURES

Specifications	Model 601R	Model 601F	Model 611	Model 650
Refrigerator/Freezer	All Refrigerator	All Freezer	Over and Under	Over and Under
Overall Size (H x W x D)	73" x 36" x 24"	73" x 36" x 24"	84" x 30" x 24"	84" x 36" x 24"
Refrigerator Capacity	20 cu. ft.		12.7 cu. ft.	15.7 cu. ft.
Freezer Capacity		19.3 cu.ft.	5.1 cu. ft.	6.3 cu. ft.
Minimum Height Required	72 ³ / ₄ "	72 ³ / ₄ "	82 ⁷ / ₈ "	82 ⁷ / ₈ "
Door Swing Clearance	36 ¹ / ₁₆ "	36 ¹ / ₁₆ "	30 ¹ / ₈ "	36 ¹ / ₁₆ "
Specify Door Swing (LH or RH)	•	•	•	•
Annual Energy Usage	\$58*	\$76*	\$61*	\$68*
Crated Shipping Weight (O)/(F) Models	391 lbs.	378 lbs.	430 lbs.	482 lbs.
Crated Shipping Weight (S) Models	420 lbs.	406 lbs.	462 lbs.	515 lbs.

Interior Features	Model 601R	Model 601F	Model 611	Model 650
Adjustable Glass Shelves (Refrigerator)	4		3	3
Stationary Glass Shelf (Refrigerator)	•		•	•
High Humidity Compartment w/Divider(s)	1		•	•
Storage Drawers (Refrigerator)				
Adjustable Roll-out Utility Basket	•		•	•
Adjustable Door Shelves (Refrigerator)	2		1	1
Adjustable Gallon Door Shelf (Refrigerator)	1		†	†
Adjustable Dairy Compartment	•		•	•
Egg Container	•		•	•
Automatic Ice Maker			•	•
Adjustable Wire Shelves (Freezer)		3		
Stationary Glass Shelf (Freezer)		•		
Storage Drawers (Freezer)		4		
Two-tier Pull out Freezer Drawer			•	•
Adjustable Door Shelves (Freezer)		5		

*Annual energy costs are based on 8.67 cents per kilowatt hour. †Gallon shelf is optional at no cost on these models.



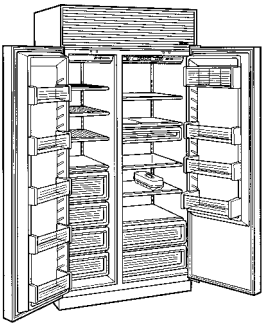
Note: All units are shown with louvered grille, which are standard on framed units.

600 SERIES SPECIFICATIONS AND FEATURES

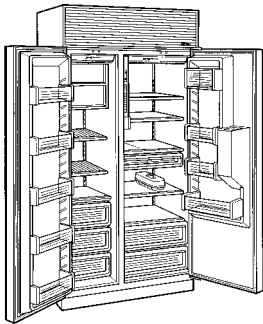
Model 561**	Model 642	Model 680**	Model 632	Model 690**
Side by Side	Side by Side	Ice & Water through door	Side by Side	Ice & Water through door
84" x 36" x 24"	84" x 42" x 24"	84" x 42" x 24"	84" x 48" x 24"	84" x 48" x 24"
12.5 cu. ft.	16 cu. ft.	15.2 cu. ft.	18.8 cu. ft.	18.2 cu. ft.
8.9 cu. ft.	9.5 cu. ft.	9.5 cu. ft.	11.3 cu. ft.	11.2 cu. ft.
82 ⁷ / ₈ "	82 ⁷ / ₈ "	82 ⁷ / ₈ "	82 ⁷ / ₈ "	82 ⁷ / ₈ "
20 ³ / ₄ "	25 ⁹ / ₁₆ "	25 ⁹ / ₁₆ "	29 ¹ / ₄ "	29 ¹ / ₄ "
\$70*	\$75*	\$88*	\$81*	\$96*
500 lbs.	541 lbs.	569 lbs.	582 lbs.	610 lbs.
538 lbs.	582 lbs.	608 lbs.	630 lbs.	656 lbs.

Model 561**	Model 642	Model 680**	Model 632	Model 690**
4	4	4	4	4
•	•	•	•	•
	***	***	•	•
2	1	1	2	2
•	•	•	•	•
3	2	2	2	2
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
2	3	2	3	2
•	•	•	•	•
4	3	3	3	3
5	5	5	5	5

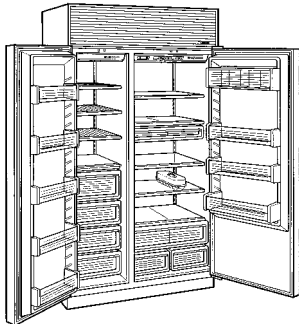
*Annual energy costs are based on 8.67 cents per kilowatt hour. **Overlay not available. ***No dividers in the high humidity compartment on these models.



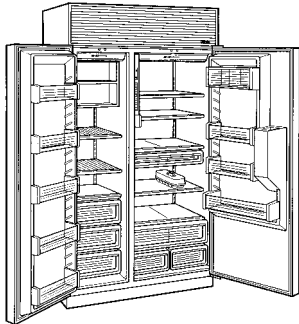
Model 642



Model 680



Model 632



Model 690



Features and Options

Sub-Zero's design, beauty and quality are reflected in the broad range of standard features that put Sub-Zero in a class by itself. Whether your customer prefers stainless steel, traditional framed or overlay design, Sub-Zero's 600 Series has the most design options to complement your installation. The custom-design appearance of the Sub-Zero 600 Series gives it unique consumer appeal and gives you options no other line offers.

In addition, Sub-Zero units give you and your customer all these features:

- **New overlay models** blend seamlessly into your overall room design and complement surrounding cabinetry. Your job is made easier and more creative.

- **Stainless steel models** feature new wrapped doors, one-inch diameter stainless steel handles and stainless steel grille designed specifically to enhance the aesthetics of the professional look of kitchens today.

- **Classic framed models** — the look that made Sub-Zero famous — now feature an improved grille design, new handle design and elegant new hinges.

- **Dual Refrigeration System.** All 600 Series combination units have the exclusive Sub-Zero dual refrigeration system, which ensures the freshest food and energy efficiency at the same time. You have precise independent control of the refrigerator and freezer compartments.

- **Fresh Food.** High-humidity compartment is large and deep with smooth sides for easy cleaning. The compartment features removable dividers.

- **Digital Controls.** Controls are up front and easy to use. They give your customer digital readings for quick, easy-to-read reference. Up-front controls also keep your client informed about the operation of the unit on a continuous basis.

- **Improved Lighting.** Bright lighting spreads even illumination throughout the compartment and conceals the source.

- **Electronic Controls.** Sub-Zero's added a microprocessor to give you better control, automatic defrosting that senses, then adapts to your use patterns, and a vacuum condenser indicator light.

- **New Shelf.** A one-gallon storage door shelf is standard, and affords convenient door storage for those large containers. The Models 650 and 611 offer the gallon shelf as an option at no cost to the consumer. Call Sub-Zero at (800) 222-7820 for specifics.

- **Drip-Proof Shelves.** Cantilevered shelves make repositioning quick and easy. They're easy to clean and drip-proof. They are steel reinforced to provide durability and reliability.

- **Dairy Storage.** Dairy compartment is adjustable, with easy, one-door access, compartment dividers and a clean design. The dairy shelf is magnetically sealed to maintain freshness.

- **Automatic Ice.** Ice maker provides high-quality, crescent-shaped ice that won't stick to the side of the glass.

- **Built-in Look.** Shallow-depth design means access is easy to any area of the refrigerator.

- **Adjustable.** In-door shelves are all adjustable for complete flexibility.

- **Tight Seal.** Magnetic gaskets around all doors give extra tight seals.

- **Energy Efficient.** Our solid-core doors improve insulation and structural integrity.

- **Toe Plate.** Solid, adjustable toe plate gives a true built-in look, and conforms to American Institute of Architects standards.

600

600 SERIES PLANNING INFORMATION

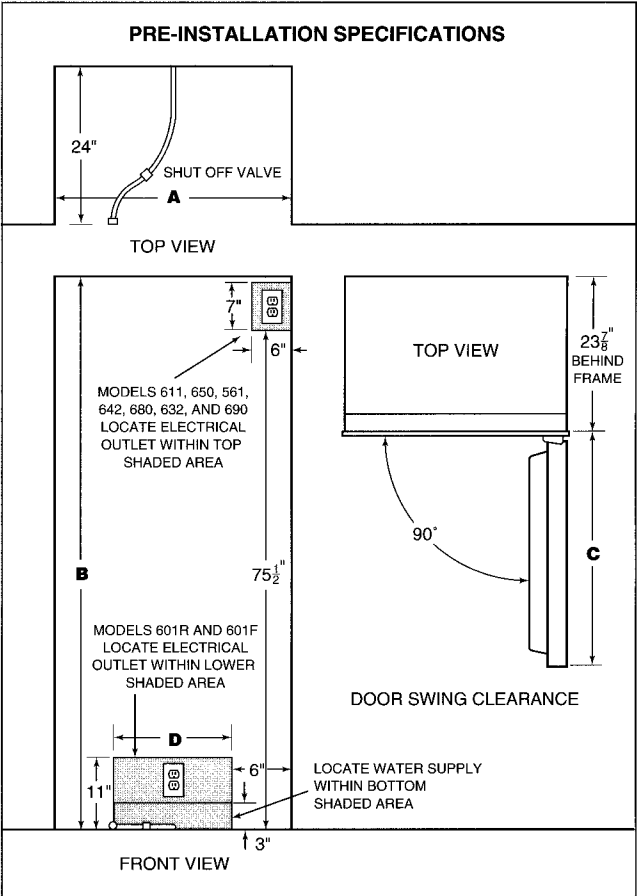
Planning Information

Although the 600 Series offers a wide range of designs and configurations, the basic planning considerations for all models have much in common. As you integrate Sub-Zero units into your overall plan, review installation requirements for your particular units. Illustration 1 and the Pre-Installation Specifications chart provide planning information for all Sub-Zero 600 Series units – framed, overlay and stainless steel.

Allow units to open a minimum of 90 degrees or you'll have problems removing drawers. With the door opening 90 degrees, you may have to move drawers slightly to clear the door interior. Refer to the minimum door clearances in the Pre-Installation Specifications chart.

- For corner installations, allow for a minimum two-inch filler so that the door can open to 90 degrees. If you're using raised panels, consider using a wider filler.
- When units are installed side by side, use a filler strip. The width of this filler strip will vary depending on the configuration and panels you use.
- Be sure to add the filler strip width to your finished rough-in dimension. In any side by side installation, add an additional one-half inch to your combined numbers.

IMPORTANT NOTE: Refer to the full scale illustrations in the center of this guide for specifics on door openings and filler size alternatives.



Illus. 1

Pre-Installation Specifications

Model	601R	601F	611	650	561	642	680	632	690
Finished Rough Opening (A)	35 1/2"	35 1/2"	29 1/2"	35 1/2"	35 1/2"	41 1/2"	41 1/2"	47 1/2"	47 1/2"
Finished Rough Opening (B)	72 3/4"	72 3/4"	83 3/4"	83 3/4"	83 3/4"	83 3/4"	83 3/4"	83 3/4"	83 3/4"
Minimum Door Clearance at 90° (C)	36 1/16"	36 1/16"	30 1/8"	36 1/16"	20 3/4"	25 9/16"	25 9/16"	29 1/4"	29 1/4"
Minimum Height Required (levelers in)	72 3/4"	72 3/4"	82 7/8"	82 7/8"	82 7/8"	82 7/8"	82 7/8"	82 7/8"	82 7/8"
Water Supply Location (D)	N/A	24"	18"	18"	18"	18"	18"	18"	18"

600 SERIES PLANNING INFORMATION

Integrating Cabinetry

In your plan for panels, be sure you are working with the Sub-Zero panel design family called for in your design. If your customer has chosen the stainless steel design, the unit will be shipped complete with wrapped stainless steel doors and handle hardware. You will not have to install panels.

If you and your client have ordered either framed or overlay design models, you will be adding panels to give the unit the custom Sub-Zero look. Be sure to keep the following details in mind.

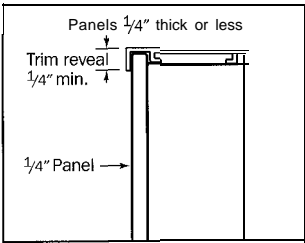
Framed Panels

If the thickness of the custom panels is less than 1/4-inch, they must be backed up with a sheet of shim material to build the total thickness to 1/4-inch. If the panel is thicker than 1/4-inch, an edge must be routed around the panel to ensure a proper fit. See illustrations 3 and 4.

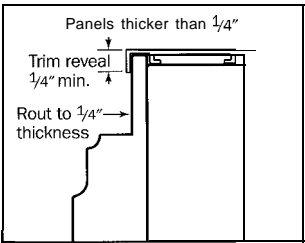
IMPORTANT NOTE: On all models except Models 680 and 690, routing, recessing or optional extended handles may be required on raised panels for finger clearance under the handle. Refer to the full scale illustrations in the center of this guide.

To install framed panels, see the detailed procedures outlined in the Sub-Zero 600 Series Installation Guide.

IMPORTANT NOTE: The weight of each panel cannot exceed 50 pounds.



Illus. 3

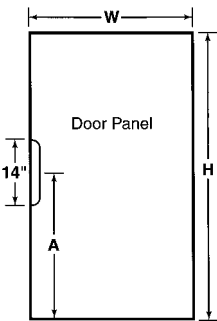


Illus. 4

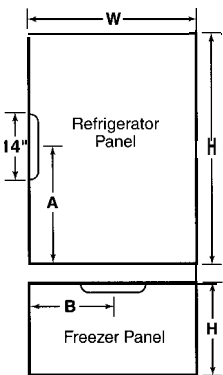
Framed Panel Specifications

Model	601R	601F	611	650	561	642	680	632	690
(W) Refrigerator Panel	34 3/8"	—	28 1/8"	34 3/8"	19 1/8"	24"	16 7/8"	27 11/16"	20 9/16"
(H) Refrigerator Panel	58 15/16"	—	48 1/16"	48 1/16"	67 11/16"	67 11/16"	67 11/16"	67 11/16"	67 11/16"
(W) Freezer Panel	—	34 3/8"	28 1/8"	34 3/8"	14 5/8"	15"	12 13/16"	17 15/16"	15 1/8"
(H) Freezer Panel	—	58 15/16"	18 3/8"	18 3/8"	67 11/16"	67 11/16"	67 11/16"	67 11/16"	67 11/16"
(A) Handle Recess Location	29 15/32"	29 15/32"	24 1/32"	24 1/32"	38 5/32"	38 5/32"	—	38 5/32"	—
(B) Handle Recess Location	—	—	14 1/16"	17 1/16"	—	—	—	—	—

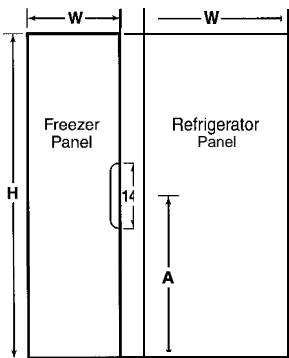
Illus. 2



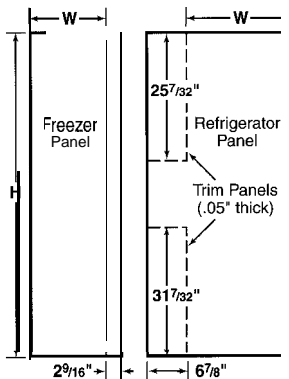
Models 601 R and 601 F



Models 611 and 650



Models 561,642 and 632



Models 680 and 690

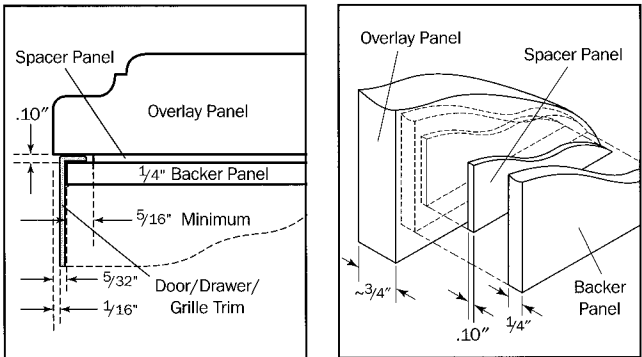
ANNING

The overlay design line allows decorative panels to cover the door trim for a more seamless appearance that blends with the design of the room. To achieve this look, the most common way is to work with three panels – the decorative overlay panel, a .10-inch spacer panel and a 1/4-inch backer panel. Depending on your cabinet manufacturer, this could be one panel routed for different dimensions or more likely, three different panels.

Keep in mind that the Sub-Zero door panels have the potential for hitting adjacent cabinets and/or countertops



Illus. 5



Illus. 6

Illus. 7

when they are opened. You need to be aware of your surrounding cabinetry and space limitations when using the overlay units. Refer to full-scale illustrations B and C in the center of this guide.

Regardless of the physical construction of the panels (routing or three panel assembly), you will need to follow this chart and illustration 5 for exact sizing and panel placement to ensure a proper fit.

Illustration 6 is a cross section view of the three panel assembly showing placement of the door/drawer/grille trim.

Illustration 7 shows a rear view of the three panel assembly and critical dimensions, standard for all models.

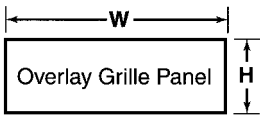
IMPORTANT NOTE: The weight of each panel assembly cannot exceed 50 pounds.

Model	601R	601F	611	650	642	632
(W) Refrigerator Overlay Panel	34 ⁷ / ₁₆ "	—	28 ⁷ / ₁₆ "	34 ⁷ / ₁₆ "	24 ⁵ / ₁₆ "	28"
(H) Refrigerator Overlay Panel	59 ¹ / ₄ "	—	48 ³ / ₈ "	48 ³ / ₈ "	68"	68"
(W) Freezer Overlay Panel	—	34 ⁷ / ₁₆ "	28 ⁷ / ₁₆ "	34 ⁷ / ₁₆ "	15 ¹⁵ / ₁₆ "	18 ¹ / ₄ "
(H) Freezer Overlay Panel	—	59 ¹ / ₄ "	18 ¹¹ / ₁₆ "	18 ¹¹ / ₁₆ "	68"	68"
(W) Refrigerator Spacer Panel	33 ¹ / ₂ "	—	27 ¹ / ₂ "	33 ¹ / ₂ "	23 ³ / ₈ "	27 ¹ / ₁₆ "
(H) Refrigerator Spacer Panel	58 ⁵ / ₁₆ "	—	47 ⁷ / ₁₆ "	47 ⁷ / ₁₆ "	67 ¹ / ₁₆ "	67 ¹ / ₁₆ "
(W) Freezer Spacer Panel	—	33 ¹ / ₂ "	27 ¹ / ₂ "	33 ¹ / ₂ "	15"	17 ⁵ / ₁₆ "
(H) Freezer Spacer Panel	—	58 ⁵ / ₁₆ "	17 ³ / ₄ "	17 ³ / ₄ "	67 ¹ / ₁₆ "	67 ¹ / ₁₆ "
(W) Refrigerator Backer Panel	34 ¹ / ₈ "	—	28 ¹ / ₈ "	34 ¹ / ₈ "	24"	27 ¹¹ / ₁₆ "
(H) Refrigerator Backer Panel	58 ¹⁵ / ₁₆ "	—	48 ¹ / ₁₆ "	48 ¹ / ₁₆ "	67 ¹¹ / ₁₆ "	67 ¹¹ / ₁₆ "
(W) Freezer Backer Panel	—	34 ¹ / ₈ "	28 ¹ / ₈ "	34 ¹ / ₈ "	15 ⁵ / ₈ "	17 ¹⁵ / ₁₆ "
(H) Freezer Backer Panel	—	58 ¹⁵ / ₁₆ "	18 ³ / ₈ "	18 ³ / ₈ "	67 ¹¹ / ₁₆ "	67 ¹¹ / ₁₆ "

NOTE: Overlay panel design option is not available on Models 561, 680 or 690.

Overlay Grille Panels

Overlay grille panels match the design look of the door panels. This option is available on 600 Series Models 611, 650, 642, 680, 632 and 690. (Keep in mind that the overlay panel design option is not available on Model 680 and 690 doors; however the overlay grille panel is optional on the framed application for these models.) Refer to the Overlay Grille Panel Specifications chart and illustration 8 for panel specifics.



Illus. 8
Models 611, 650, 642, 680, 632 and 690

CAUTION

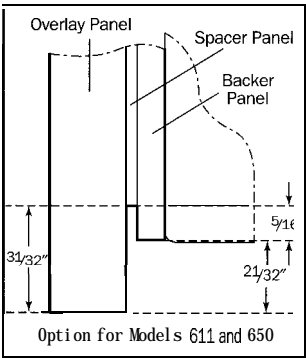
Do not exceed the panel dimensions listed for the appropriate overlay grille panel you are specifying. The overlay decorative panel cannot be any larger or it may restrict the air flow to the compressor area and cause problems with the operation of the Sub-Zero unit.

Models 611 and 650 – Reveal Option

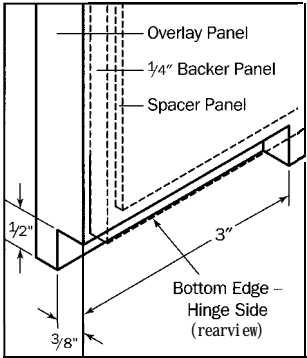
For Models 611 and 650 you may want to minimize the reveal between the bottom of the overlay door panel and the top of the overlay drawer panel. In this instance follow the dimensions for the standard backer and spacer panel in the Overlay Panel Specifications chart. The overlay panel height on the door grows by 1/2-inch. See illustration 9.

- Model 611
Overlay Refrigerator Door Panel – 28⁷/₁₆" w x 48³/₄" h
Overlay Freezer Drawer Panel – 28⁷/₁₆" w x 1 8¹¹/₁₆" h
- Model 650
Overlay Refrigerator Door Panel – 34⁷/₁₆" w x 48³/₄" h
Overlay Freezer Drawer Panel – 34⁷/₁₆" w x 1 8¹¹/₁₆" h

With this option, you must route a space for the unit's hinge plate so it does not strike the door panel. Refer to illustration 10. Panel grille sizes remain as specified in the Overlay Grille Panel Specifications chart.



Illus. 9



Illus. 10

CAUTION

Do not exceed the overlay decorative panel dimensions listed for the Models 611 or 650 in the standard or optional charts. If you try to make the reveal tighter between the door and drawer panels, the panels may hit when opening and closing, causing possible damage to the panels and the Sub-Zero unit.

Overlay Grille Panel Specifications

Model	611	650	642	680	632	690
(W) Overlay Panel	28 ⁷ / ₁₆ "	34 ⁷ / ₁₆ "	40 ⁷ / ₁₆ "	40 ⁷ / ₁₆ "	46 ⁷ / ₁₆ "	46 ⁷ / ₁₆ "
(W) Spacer Panel	27 ¹ / ₂ "	33 ¹ / ₂ "	39 ¹ / ₂ "	39 ¹ / ₂ "	45 ¹ / ₂ "	45 ¹ / ₂ "
(W) Backer Panel	28 ³ / ₁₆ "	34 ³ / ₁₆ "	40 ³ / ₁₆ "	40 ³ / ₁₆ "	46 ³ / ₁₆ "	46 ³ / ₁₆ "
Grille Size	10"	11"*	12"	13"	14"	15"
(H) Overlay Panel	9 ¹ / ₄ "	1 0 ¹ / ₄ "	11 ¹ / ₄ "	12 ¹ / ₄ "	13 ¹ / ₄ "	14 ¹ / ₄ "
(H) Spacer Panel	8 ⁵ / ₁₆ "	9 ⁵ / ₁₆ "	1 0 ⁵ / ₁₆ "	1 1 ⁵ / ₁₆ "	12 ⁵ / ₁₆ "	13 ⁵ / ₁₆ "
(H) Backer Panel	8 ¹⁵ / ₁₆ "	9 ¹⁵ / ₁₆ "	10 ¹⁵ / ₁₆ "	11 ¹⁵ / ₁₆ "	12 ¹⁵ / ₁₆ "	13 ¹⁵ / ₁₆ "

* The 11" high grille is standard on all 600 Series units.

600 SERIES PLANNING INFORMATION

Optional Grille Panel Specifications – Framed Application

Model	611	650	561	642	680	632	690
Width of Grille Panel	28 ³ / ₁₆ "	34 ³ / ₁₆ "	34 ³ / ₁₆ "	40 ³ / ₁₆ "	40 ³ / ₁₆ "	46 ³ / ₁₆ "	46 ³ / ₁₆ "
Grille Size		10"	11"*	12"	13"	14"	15"
Height of Grille Panel (Models 611, 650, 642, 680, 632 & 690)		8 ¹⁵ / ₁₆ "	9 ¹⁵ / ₁₆ "	10 ¹⁵ / ₁₆ "	11 ¹⁵ / ₁₆ "	12 ¹⁵ / ₁₆ "	13 ¹⁵ / ₁₆ "
Height of Grille Panel (Model 561)		8 ³ / ₁₆ "	9 ³ / ₁₆ "	10 ³ / ₁₆ "	11 ³ / ₁₆ "	12 ³ / ₁₆ "	13 ³ / ₁₆ "

* The 11" high grille is standard on all 600 Series units.

Optional Grille Panel – Framed Application

In some instances you may want to use Sub-Zero's optional panel grille for some of your installations. This is available on all 600 Series units with the exception of Models 601R and 601F. The sizes for the panel insert are listed in the Optional Grille Panel Specifications–Framed Application chart.

The widths on all of the specific grille panels will be the same, regardless of height, for each model except the Model 561. The various heights of each of the grilles are shown next to the corresponding grille height. Just combine the model width along with the grille height and you will have the panel size.

Hardware Considerations

The handle hardware must be installed before installing the panel assembly. Use larger D-style pulls. If screws with thick heads are used, the screws will need to countersunk into the door before the panel is put into place.

IMPORTANT NOTE: Sub-Zero does not recommend using single pull knobs on any of its 600 Series units.

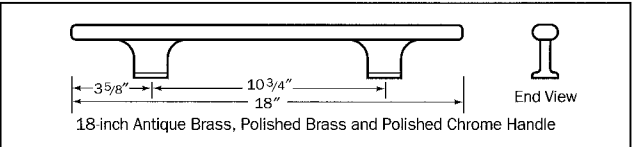
If your customer has chosen overlay decorative door and grille panels, the unit will be shipped without handle hardware. You or the cabinet manufacturer must provide handle hardware at the job site to match the overall decorating scheme.

However, you can order handles from Sub-Zero as optional features. These handles incorporate the craftsmanship and attention to detail for which Sub-Zero is famous.

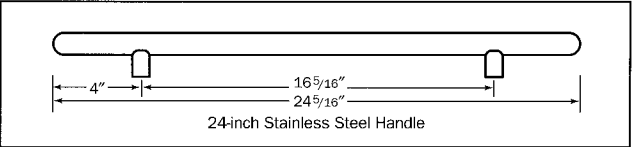
Optional handles are available in the following designs and configurations:

- 18-inch antique brass handles
- 18-inch polished brass handles
- 18-inch polished chrome handles
- 1-inch diameter by 24-inch long stainless steel handles

Refer to illustration 11 for mounting specifications of the 18-inch handles listed above, and see illustration 12 for mounting specifications of the 24-inch stainless steel handles.



Illus. 11

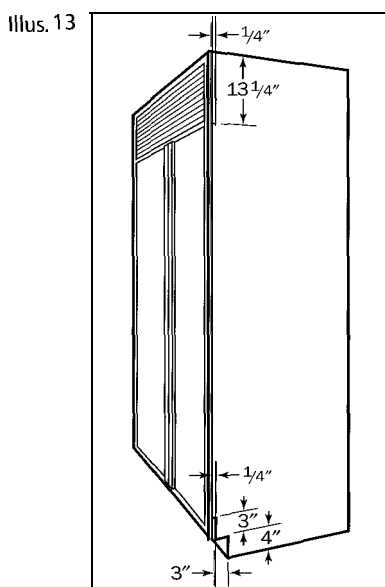


Illus. 12

600 SERIES PLANNING INFORMATION

Side Panels

When planning for side panels with the installation of the 600 Series unit, you need to be aware of space configuration to achieve a pleasing fit. Depending on the exact panel you are using with your unit, the height of the panel will vary. Refer to illustration 13 for placement of cuts around the toe kick and grille area and remember that the dimension to the back of the main frame is $23\frac{7}{8}$ inches.



Plumbing

For units with an automatic ice maker, rough in the water supply line. Connect a 1/4-inch OD copper line to the house supply, being sure to use an easily accessible shut off valve between the supply and the refrigerator.

Do not use "self-piercing" valves. A saddle valve kit (part #4-20-088-0) is available from your distributor/dealer. A line filter is required when water conditions have a high sediment content.

The water line should be routed up through the floor within 1/2-inch from the back wall and no higher than 3 inches off the floor. If you have to come through the wall, make sure the water line is no more than 3 inches from the floor.

Regardless of the routing, allow three feet of excess copper tubing to remain outside the wall or floor for easy connection to the unit. Refer to illustration 1 and the Pre-Installation Specifications chart on page 9 for exact specifications.

Electrical

A 115 volt, 60 Hz, 15 amp fused electrical supply is required. It is recommended that a separate circuit, serving only this appliance, be provided.

All Sub-Zero 600 Series units are equipped with a power supply cord with a 3-prong grounding plug and it must be plugged into a mating 3-prong grounding type wall receptacle. Follow the National Electrical Code and local codes and ordinances when installing the receptacle. Refer to illustration 1, page 9 for exact specifications.

Checking The Results

The 600 Series Installation Guide packed with the appliance will give you step-by-step procedures for making sure the unit is installed properly.

The following is a checklist of some of the important items you'll want to review before your installation is complete. Following these guidelines will assure a beautiful and safe installation, and a satisfied client.

- ☐ Has blocking been completed?
- | Is the unit leveled properly on a solid floor?
- | Is the toe plate installed?
- | Have electrical and plumbing hookups been made in accordance with the 600 Series Installation Guide?
- ☐ Are panels installed correctly?
- ☐ Are the doors adjusted?
- | Does your customer understand the unit's operation?
- ☐ Have you given your customer the warranty package?

When you've completed this final check, you can be assured that your client will enjoy the very best in home refrigeration for years to come.

Service For Sub-Zero Refrigeration Systems

If your client needs service, advise them to check the model and serial number on the plate at the top frame of the unit inside the door. Contact a Sub-Zero Factory Authorized Service Center, a dealer, or Sub-Zero Freezer Co., Service Department, P. O. Box 44130, Madison, WI 53744-4130, call (800) 222-7820, or e-mail us at customerservice@subzero.com.

SUB-ZERO 700 SERIES – INTEGRATED REFRIGERATION



Creating Solutions for Home Refrigeration Needs

You would expect it from the best. A refrigeration system that is responsive to the unique needs of your situations and can adapt to any of your demands.

The 700 Series of integrated refrigeration from Sub-Zero ushers in a new era of refrigeration that can be placed at its point-of-use and not take away from the overall pleasing design of the room.

Instead of going to the refrigerator, bring the refrigerator to you. In the workout room, next to the home entertainment center, in the master bedroom, even beside the kitchen sink. The 700 Series becomes totally invisible parts of the beautiful home and then they become absolutely essential parts of the family.

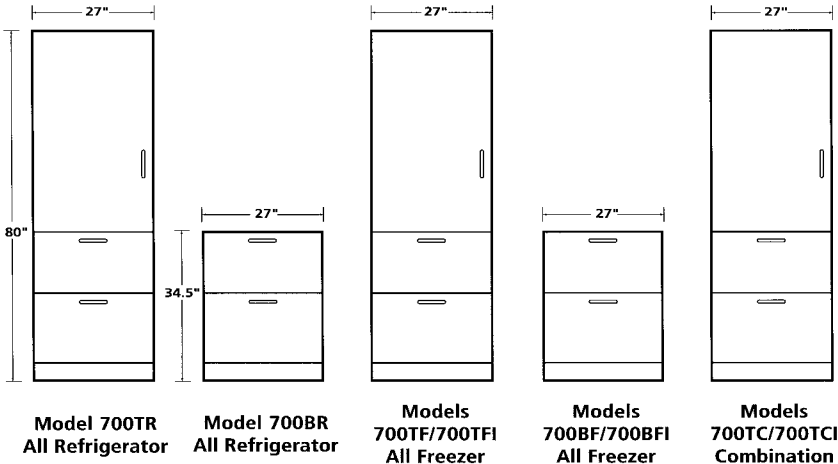
All Sub-Zero 700 Series models are 27 inches wide. We make a tall refrigerator, a tall freezer and a tall refrigerator/freezer.

We also make a two-drawer refrigerator and a two-drawer freezer. You just need to add whatever beautiful cabinetry you want to use.

This Design Guide is intended to offer you a profile of our 700 Series units and what it takes to plan them into a home.

At the end of this section, you'll find a checklist for installing Sub-Zero 700 Series units. This checklist is intended as a brief summary of the most important procedures involved in installation. However, they do not constitute detailed installation instructions. Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing your units, or call Sub-Zero Freezer Company at (800) 222-7820 for your copy.

For information regarding specific 700 Series models, refer to the charts and illustrations in this section.

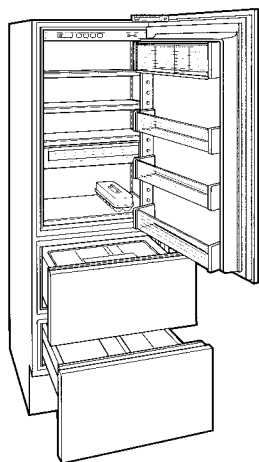


700 SERIES SPECIFICATIONS AND FEATURES

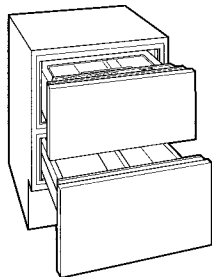
Specifications	Model 700TR	Model 700BR	Model 700TF	Model 700TFI
Refrigerator/Freezer	All Refrigerator	All Refrigerator	All Freezer	All Freezer
Overall Size (H x W x D)	80" x 27" x 24"	34½" x 27" x 24"	80" x 27" x 24"	80" x 27" x 24"
Refrigerator Capacity	15 cu. ft.	4.9 cu. ft.		
Freezer Capacity			15.2 cu. ft.	15.2 cu. ft.
Door/Drawer Clearance	25½"	19½"	25½"	25½"
Specify Door Swing (LH or RH)	•		•	•
Annual Energy Usage	\$51*	\$37*	\$67*	\$67*
Shipping Weight	360 lbs.	190 lbs.	360 lbs.	360 lbs.

Interior Features	Model 700TR	Model 700BR	Model 700TF	Model 700TFI
Distinct Temperature Zones	3	2	1	1
Adjustable Glass Shelves	3		3	3
Storage Drawers	2	2	2	2
Removable Crisper Cover	•	•		
Removable Drawer Dividers	2	2	2	1
Adjustable Deli Drawer	•			
Adjustable Door Shelves	3		4	4
Adjustable Dairy Compartment	•			
Egg Container	•			
Automatic Ice Maker				•
Automatic Defrost			•	•

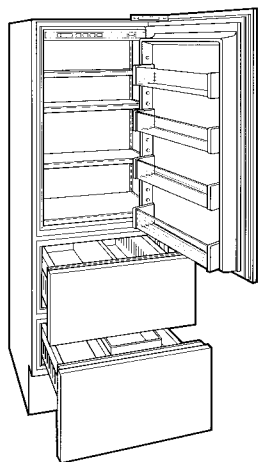
* Annual energy costs are based on 8.67 cents per kilowatt hour.



Model 700TR



Model 700BR



Models 700TF/700TFI

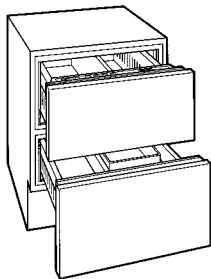
700 SERIES SPECIFICATIONS AND FEATURES



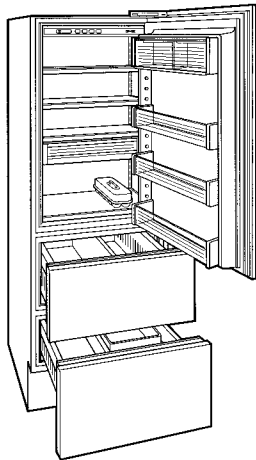
Specifications	Model 700BF	Model 700BFI	Model 700TC	Model 700TCI
Refrigerator/Freezer	All Freezer	All Freezer	Combination	Combination
Overall Size (H x W x D)	34 1/2" x 27" x 24"	34 1/2" x 27" x 24"	80" x 27" x 24"	80" x 27" x 24"
Refrigerator Capacity			9.8 cu. ft.	9.8 cu. ft.
Freezer Capacity	5.1 cu. ft.	5.1 cu. ft.	5.4 cu. ft.	5.4 cu. ft.
Door/Drawer Clearance	19 1/2"	19 1/2"	25 1/2"	25 1/2"
Specify Door Swing (LH or RH)			•	•
Annual Energy Usage	\$45*	\$45*	\$58*	\$58*
Shipping Weight	190 lbs.	190 lbs.	360 lbs.	360 lbs.

Interior Features	Model 700BF	Model 700BFI	Model 700TC	Model 700TCI
Distinct Temperature Zones	1	1	2	2
Adjustable Glass Shelves			3	3
Storage Drawers	2	2	2	2
Removable Crisper Cover				
Removable Drawer Dividers	2	1	2	1
Adjustable Deli Drawer			•	•
Adjustable Door Shelves			3	3
Adjustable Dairy Compartment			•	•
Egg Container			•	•
Automatic Ice Maker		•		•
Automatic Defrost	•	•	•	•

* Annual energy costs are based on 8.67 cents per kilowatt hour.



Models 700BF/700BFI



Models 700TC/700TCI

700

700 SERIES FEATURES AND OPTIONS

Features and Options

Sub-Zero's industry leadership is evident in this new approach to residential refrigeration. Our tradition of excellence is evident in all of these features and options.

- **Functional Design.** These units can be placed anywhere in the home. Think about "point-of-use refrigeration" when planning where to place your units. Kitchens can be laid out so no congestion occurs.

- **Built-in Design.** All Sub-Zero units are 24" deep. These 700 Series units must have 5/8-inch minimum panels that do not exceed a 40 pound weight limit for the door or 12 pounds for the drawer. They will be compatible with virtually any cabinetry and be invisible when installed properly.

- **Microprocessor.** The "brains" of the 700 Series units, this computer allows the best in temperature control, efficiency and food preservation.

- **Temperature Zones.** On the tall and base refrigerator and combination units, you have the flexibility of having multiple temperatures within the same unit.

- **Adaptive Defrost.** Depending on the usage and the exact climate, the 700 Series unit will adapt to the unique situation and adjust accordingly to offer greater efficiency.

- **Toe Plate.** Adjustable solid toe plate meets the standards of the American Institute of Architects. Inset area for a solid, decorative toe plate is 4 inches high by 3 inches deep. You can show a 10-inch toe plate, but you cannot cover the louvers in this area. If you choose, the louvered grille can be painted.

- **Front Venting.** All units have the mechanical equipment in an area below the lower drawer. The lower drawer panel can extend to cover these louvers, but a decorative toe plate cannot cover the fins. A decorative toe plate can be placed over the lower 4-inch area, but it must be removable for cleaning and service.

- **Halogen Lighting.** A bright, white light offers even illumination throughout the entire unit.

- **Door/Drawer Alarm.** If your door or drawer is accidentally left open for more than 15 seconds an audible alarm will sound. You can easily disarm this feature when you are cleaning the unit or adding groceries.

- **Drip-Proof Shelves.** All shelves in the cabinet sections of the tall units feature totally adjustable drip-proof

one-piece glass shelves that are easily removed for cleaning or repositioning.

- **Dairy Shelf.** This magnetically sealed compartment is fully adjustable on the tall refrigerator and combination unit for small items that need a fresh environment.

- **Crisper Cover.** On the tall and base refrigerator units, a removable crisper cover is offered for one of the drawer sections. On the combination unit, the crisper is attached to one of the adjustable shelf assemblies.

- **Deli-Drawer.** Smaller items are not lost in this handy feature of the tall refrigerator unit.

- **Egg Tray.** You can easily store a dozen eggs on this removable egg tray that is offered on the tall refrigerator and combination units.

- **Ice Maker.** An automatic ice maker, providing crescent-shaped ice, is available as an option on the tall and base freezers as well as the tall combination unit. This optional equipment must be factory installed.

- **Automatic Defrost.** All Sub-Zero 700 Series units have an automatic defrost system.

- **Door Swing.** You can choose left or right door swing on the tall units. This option must be ordered when requesting the unit. You cannot reverse the door in the field.

- **Door Stop.** On all of the tall units, a 90 degree door stop is built in to the patented hinge of this unique product. Normal door swing is 105 degrees.

- **Temperature Zones.** With the microprocessor in the 700 Series units, you have the capability of setting temperatures to ensure food is stored at its optimum level. Different foods enjoy different temperatures and humidity levels, and with the 700 Series food storage system, you have the ability to set different temperatures. The microprocessor will read the temperature in each zone every second and make any necessary adjustments.

Temperature zones and optimum ranges for all units:

- 700TR - Three Zones – 34 to 45 degrees.
- 700BR - Two Zones – 34 to 45 degrees.
- 700TF(I) - One Zone – minus five to plus five degrees.
- 700BF(I) - One Zone – minus five to plus five degrees.
- 700TC(I) - Two Zones – Cabinet - 34 to 45 degrees;
Drawers - minus five to plus five degrees.

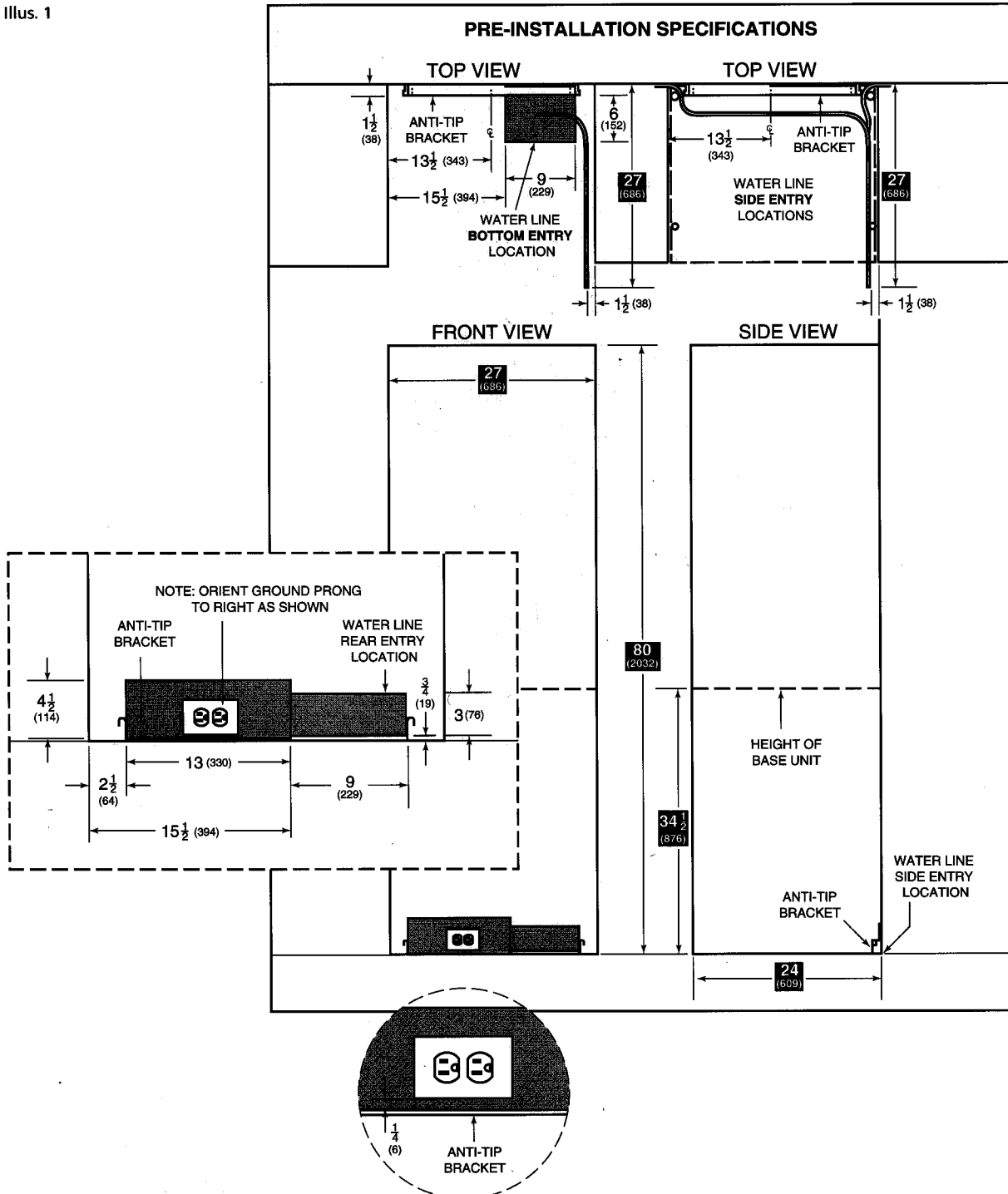
700 SERIES PLANNING INFORMATION

Planning Information

Before moving the units into place, be sure the finished dimensions, electrical and plumbing locations and minimum drawer and door clearances are accurate. See illustration 1.

Be sure your installer has this information before finishing work is completed.

Illus. 1



700 SERIES PLANNING INFORMATION

Overall Size Specifications

In trying to understand the different units available for your use, keep in mind you have two size configurations:

Tall Unit – 80"h x 27"w x 24"d

Base Unit – 34½"h x 27"w x 24"d

The height of the tall unit is set at 80 inches. You can allow the top of the door panel to exceed this dimension with caution. If you are working with 84-inch or even 96-inch neighboring panels, you can order door panels to match this height. Refer to the illustrations on the following pages.

Other critical dimensions regarding the door swing, drawer openings and toe plate are also noted in the Overall Dimensions illustrations.

Cabinet Applications

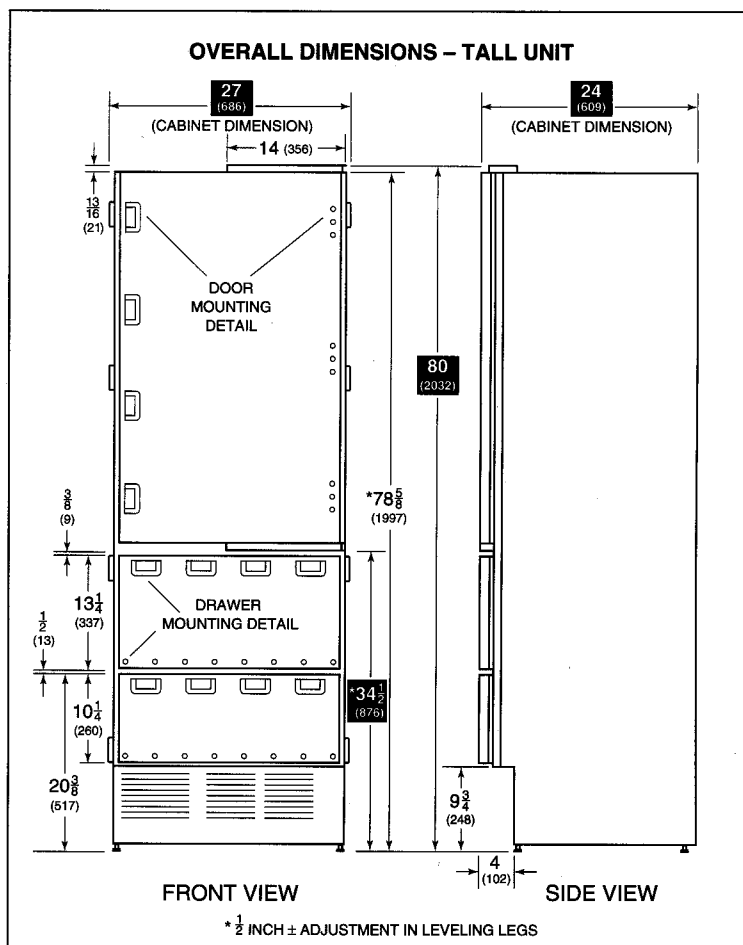
The 700 Series of refrigeration is compatible with virtually any style and look of cabinetry. The units can be used with framed as well as frameless cabinets. Because of the precise application and the look you may want to achieve, there are important questions you need to answer before ordering panels for the doors/drawers.

As you look at styles of cabinets keep some important facts in mind:

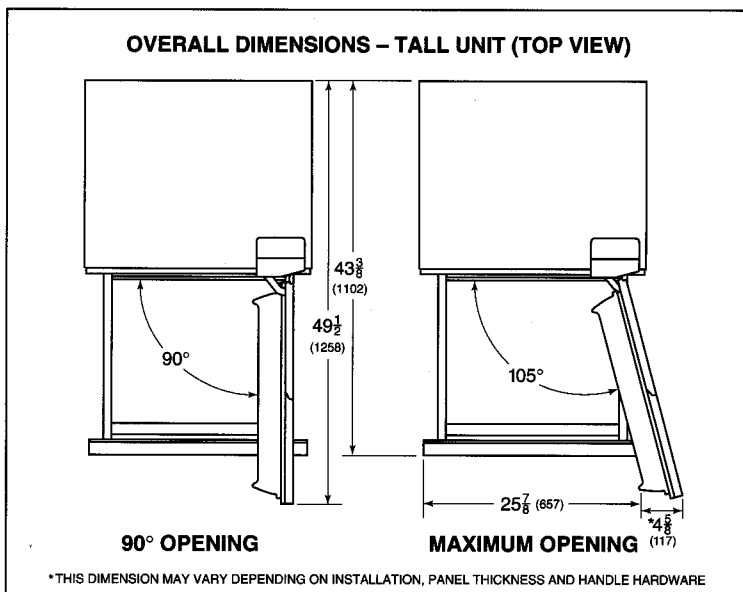
Weight Limitations – The door panel cannot exceed 40 pounds and a drawer panel must not exceed 12 pounds.

Panel Thickness – Panels must be a minimum of 5/8-inch thick.

Panel Hardware – We recommend using D-style pulls and they should be located on the opposite side from the hinge, centered on the cabinet door and the top, center area of the drawer panel.

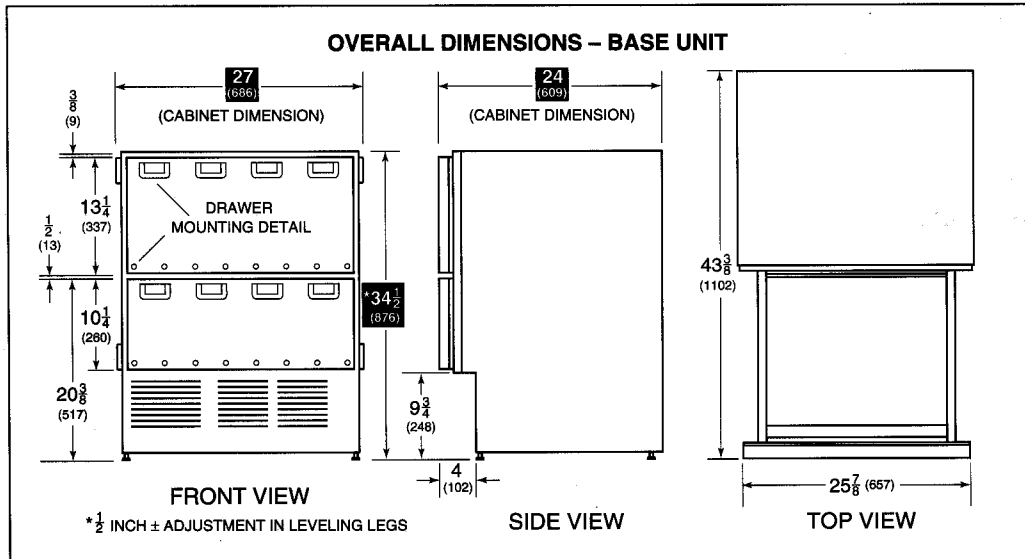


Illus. 2

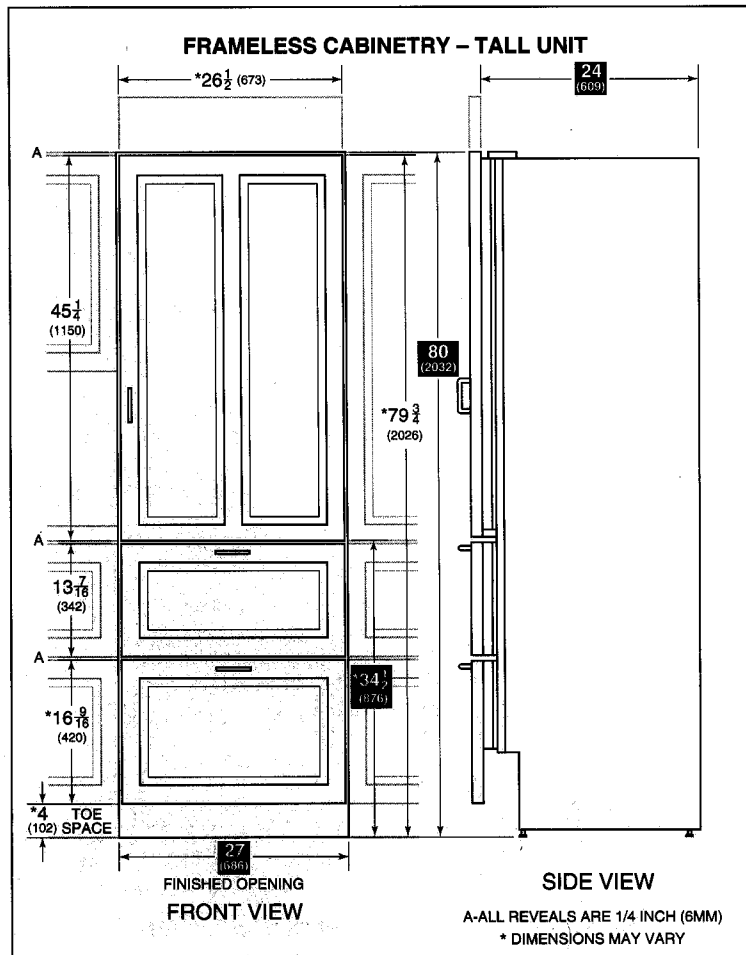


Illus. 3

700 SERIES PLANNING INFORMATION



Illus. 4



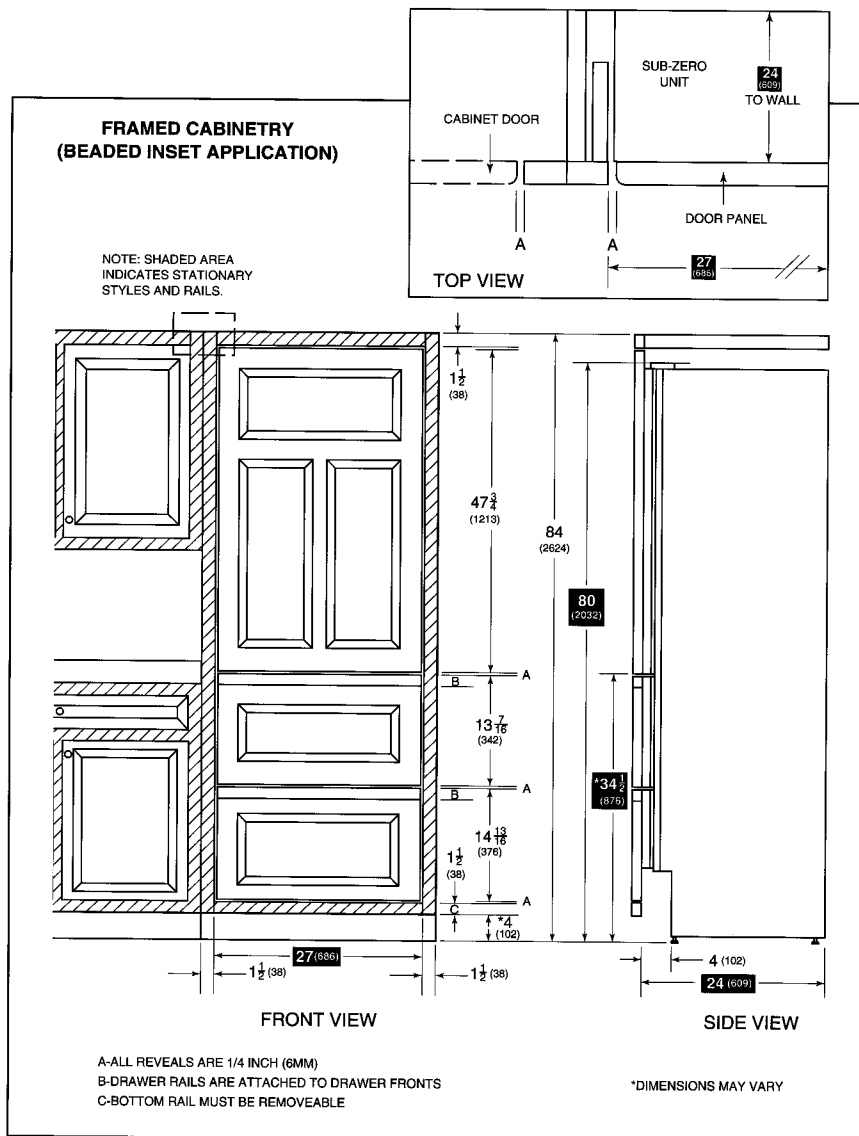
Illus. 5

Illustrations 5 and 6 show hypothetical installations within frameless and framed cabinets. Review these with particular attention given to overall panel specifications.

IMPORTANT NOTE: The height of a cabinet door can exceed 45 1/4 inches with little problem. However, you do not want to go smaller than this height. See the following pages. For the bottom drawer, the maximum panel height is 16 9/16 inches. It is critical to keep a minimum of a 4-inch toe kick area free of panel to allow the unit to function efficiently.

IMPORTANT NOTE: Refer to the full scale illustrations in the center of this guide for specifics on panels and door openings.

700 SERIES PLANNING INFORMATION



Illus. 6

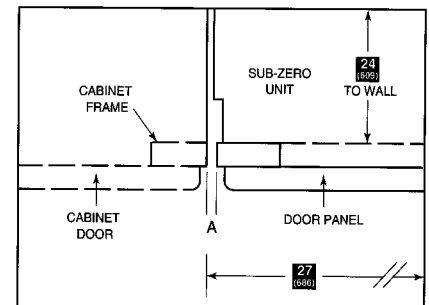
Framed Applications

Framed cabinet applications present you with different questions to address. Take the time to review the specifics of these illustrations as they will help form the basis for your design.

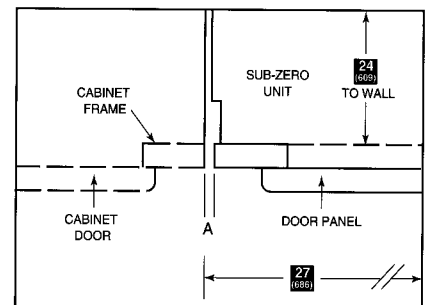
These are not meant to be the only alternatives, but are suggestions from designers around the country.

Reveals between cabinets and the Sub-Zero 700 Series units are 1/4-inch in all instances and drawer and door panels can vary based on information we supplied on earlier pages.

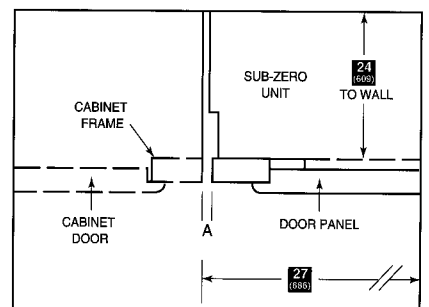
FRAMED CABINETRY – COMMON APPLICATIONS (TOP VIEWS)



TRADITIONAL FRAME – FULL OVERLAY



TRADITIONAL FRAME – STANDARD OVERLAY



TRADITIONAL FRAME – 3/8" OFFSET

A-ALL REVEALS ARE 1/4 INCH (6MM)

Illus. 7

Study these illustrations in detail. Rest assured the Sub-Zero units are compatible with framed cabinet installations.

IMPORTANT NOTE: Refer to the full scale illustrations in the center of this guide for specifics on panels and door openings.

CAUTION

As the reveal between cabinets and the 700 Series unit decreases, the potential exists for severe finger pinching or crushing if a hand or fingers are placed in the opening when the door is closing.

700 SERIES PLANNING INFORMATION

⚠ CAUTION

When 5/8-inch or larger panels are used and a reveal less than 1/4-inch is maintained, the door panels may cause damage to the Sub-Zero unit when the door is open at the maximum 105 degree stop. You should use the built-in 90 degree stop to prevent damage.

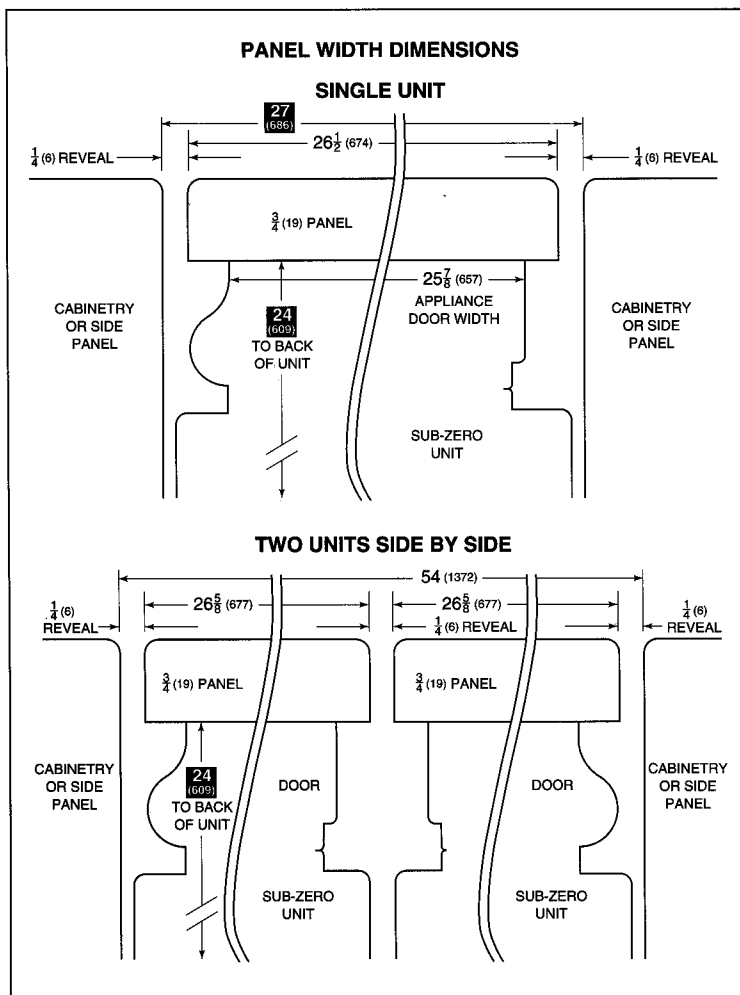
SPECIAL NOTE: In an installation where you are placing two 700 Series tall units next to one another and providing a 1/4-inch reveal, refer to illustration 8, you cannot assume the panel size is 26 1/2 inches as shown on the top. The panels will need to be 26 5/8 inches to ensure a consistent 1/4-inch reveal.

Installation Options

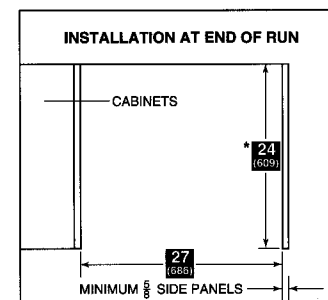
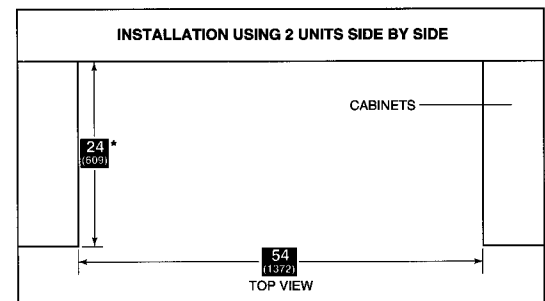
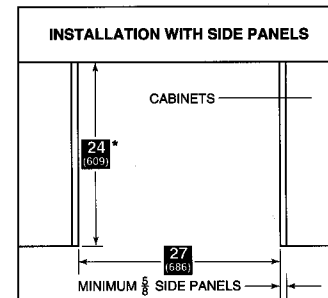
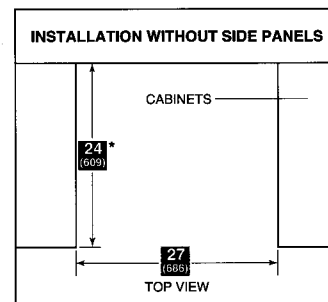
Illustration 9 shows some typical installations and their dimension considerations.

IMPORTANT NOTE: The front of the Sub-Zero 700 Series Unit is 24 inches from the back wall. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit.

Illus. 9



Illus. 8



* THESE DIMENSIONS MAY VARY DEPENDING ON CABINET STYLES, TREATMENT OF COUNTERTOPS OR OTHER DESIGN OPTIONS.

700 SERIES PLANNING INFORMATION

Door Panel Height

Door panels can grow beyond the 80-inch height to accommodate any size of door as long as you stay below the recommended door panel weight limit of 40 pounds.

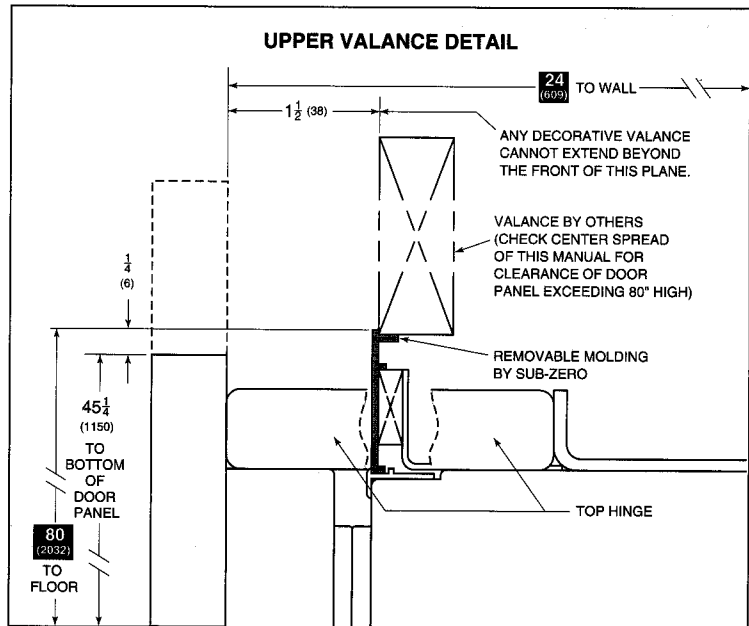
Illustration 10 shows how the panel may grow and what you need to consider doing to finish the area in back of the door panel.

IMPORTANT NOTE: The valance you use to finish the area behind the door panel must stay behind the front plane of the finished molding as noted in illustration 10.

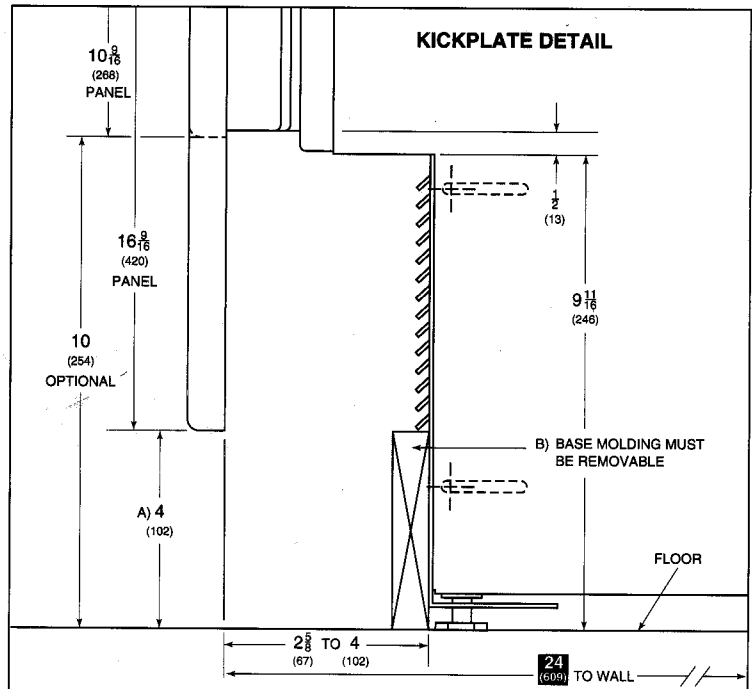
Kickplate Clearance

Illustration 11 details the area below the lower drawer area where the operating mechanical equipment of the Sub-Zero 700 Series unit is housed.

IMPORTANT NOTE: A) You must keep a minimum space of four inches clear below the bottom edge of the lower drawer panel, so the unit can be properly vented. B) In addition, any decorative base molding must be removable for possible servicing and cleaning of the condenser.



Illus. 10



Illus. 11

700 SERIES PLANNING INFORMATION

700
S E R I E S

Dual Installations

Optional components are necessary for the installation of two or more 700 Series units, where there is two inches or less of space between the units. Contact your Sub-Zero distributor for the proper components and instructions. Note that panel sizes will change, refer to illustration 8, on page 25.

Electrical

A 115 volt, 60Hz, 15 amp circuit breaker and electrical supply are required. A separate circuit, servicing each base and tall unit, is necessary. Follow the National Electrical Code and local codes and ordinances when installing the receptacle.

IMPORTANT NOTE: The electrical outlet must be placed so the grounding prong is to the right of the thinner blades. The outlet must be flush with the back wall. Refer to illustration 1, on page 21 for exact placement.

⚠ WARNING

All Sub-Zero 700 Series units are equipped with a 3-prong grounding plug and they must be plugged into a mating 3-prong grounding-type wall receptacle.

Do not use an extension cord, or two prong adapter. Electrical ground is required on this appliance.

Do not under any circumstances remove the power supply cord ground prong.

Plumbing

For units with an automatic ice maker, rough in the water supply line. Connect a 1/4-inch OD copper line to the house supply being sure to use an easily accessible shut-off valve between the supply and the refrigerator. This shut-off valve should not be installed behind the unit. Do not use "self-piercing" valves. A saddle valve (part #4-20-088-0) is available from your distributor/dealer. A line filter is required when the water supply has a high mineral content.

Illustration 1, on page 21 shows the water line's precise placement. When routing the water through the side walls, you must place the water line within 1/2-inch of the floor and as close as possible to the back wall.

The line must be routed around the anti-tip bracket so it clears the bracket and the leveling "feet" of the unit. Refer to the top view in illustration 1. Regardless of the routing, allow for 27 inches of excess copper tubing to remain outside the wall or floor for easy connection to the unit.

IMPORTANT NOTE: Do not route water supply line in front of compressor tray. The tray must be slid forward for service.

700 SERIES PLANNING INFORMATION

Checking the Results

The Installation Guide packed with the appliance will give you step-by-step procedures for making sure the unit is installed properly. The following is a checklist of some of the important items you'll want to review before your installation is complete. Following these guidelines will assure a beautiful and safe installation and a satisfied client.

- ☐ Has the anti-tip blocking bracket been installed properly and is it making contact with the unit?
- ☐ Are the panels installed properly?
- ☐ Is the unit operating? If not, is unit plugged in? Check to see if unit is operating before you install.
- ☐ Have the temperatures been set?
- ☐ Is packing material removed?
- ☐ Is water supply line connected to the units where an ice maker is in place?
- ☐ Is toe kick/grille installed?
- ☐ Does the customer understand the unit's operation?
- ☐ Does your customer understand Sub-Zero's "12-Year Protection Plan" warranty?

When you've completed this final check, you can be assured that your client will enjoy the very best in home refrigeration for years to come.

Service for Sub-Zero Refrigeration Systems

If your client needs service, advise them to check the model and serial number on the plate installed to the inside left panel of the top drawer. Contact a Sub-Zero Factory Authorized Service Center, a dealer, or Sub-Zero Freezer Company, Customer Service Department, P. O. Box 44130, Madison, WI 54744-4130, call our Customer Service Department at (800) 222-7820, or e-mail us at customerservice@subzero.com.

400 SERIES WINE STORAGE

Sub-Zero's newest addition to its complete line of residential refrigeration is wine storage equipment, the 400 Series. **But it is more than just wine storage in the conventional sense. It is wine storage as only Sub-Zero could make it. The ultimate in beauty, engineering, attention to detail and smart thinking will ensure this series is an instant success.**

There are, obviously, right and wrong ways to store wine. You will quickly see that Sub-Zero is committed to the right way. From the exterior and the smooth lines of the stainless steel to the ability to use wood on all the models, each unit is beautiful.

The illustrations on the next page show the four basic configurations offered. Each model will be available in stainless steel and all of them will have the capability of having wood panels applied to the doors and with the Model 427R you can also apply the wood to the drawers.

There are some subtle differences and it is important to understand them.

▮ All units will be shipped with glass doors as standard equipment. Optional solid doors will be treated as special orders and must be ordered 90 days before you expect delivery.

▮ Stainless steel units will be shipped with tubular stainless steel handles, while the overlay units will come with no handle hardware. The framed Model 430 will come with an extruded handle identical in design to our 600 Series look.

▮ Optional handles are available for all models and you should consult your Sub-Zero distributor for descriptions and prices.

▮ Standard grille assemblies for the Model 430 will be provided in one-inch increments from 10 to 15 inches. The standard height will be 11 inches. The framed unit will have a louvered grille, the stainless steel unit will feature a "heavy duty" louvered grille and the overlay model will have the panel grille which accepts decorative panel inserts.

400 SERIES

400 SERIES WINE STORAGE

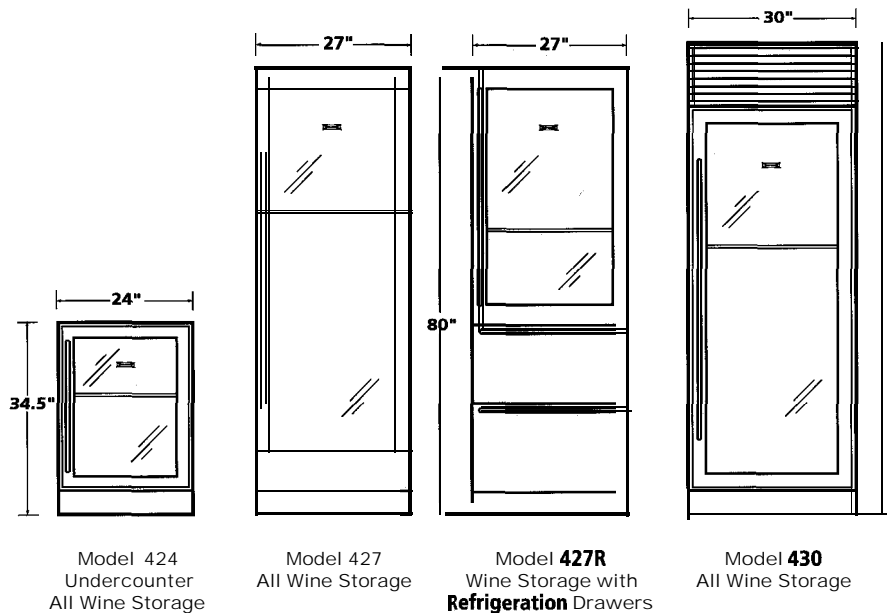
As with all Sub-Zero units, the 400 Series is manufactured to the exacting quality standards which has made us the leader of the refrigeration industry. Because the 400 Series comes with everything you need to ensure your customer's wine is stored properly and safely, there are only a few options. They are listed on the following pages.

The following features are common to all 400 Series models:

- Two distinct temperature zones
- Electronic control panel with microprocessor
- Ideal humidity environment
- Roller-glide shelves

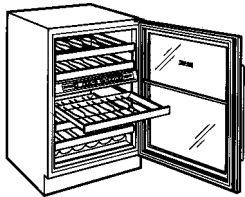
- Storage for standard bottles, half-bottles and magnums
- Rust-proof wire shelves with wood facing
- Illuminated display shelf (except Model 424)
- Discreet interior lighting
- Service indicator and home security tie-in
- UV resistant glass protection
- Divider gasket to ensure separate temperatures
- Front venting

These illustrations show the basic model configuration that the Sub-Zero 400 Series offer.

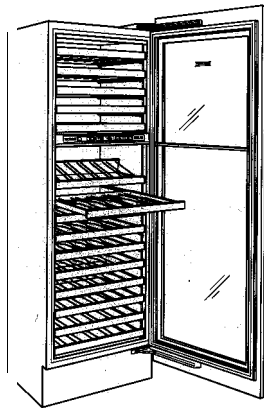


Specifications	Model 424	Model 427	Model 427R	Model 430
Overall Size (H x W x D)	34 $\frac{1}{2}$ " x 23 $\frac{7}{8}$ " x 24"	80" x 27" x 24"	80" x 27" x 24"	84" x 30" x 24"
Wine Storage Capacity (750 ml bottles)	46 bottles	132 bottles	78 bottles	147 bottles
Refrigerator Capacity			5 cu. ft.	
Door Swing Clearance	25 $\frac{3}{8}$ "	25 $\frac{1}{2}$ "	25 $\frac{1}{2}$ "	30 $\frac{1}{8}$ "
Specify Door Swing (LH or RH)	.	.	.	.
Crated Shipping Weight	190 lbs.	395 lbs.	410 lbs.	435 lbs.
Crated Shipping Weight (Stainless Steel)	195 lbs.	N/A	N/A	445 lbs.
Crated Shipping Weight (Solid Door)	185 lbs.	386 lbs.	406 lbs.	412 lbs.

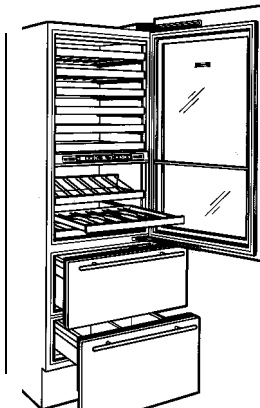
Interior Features	Model 424	Model 427	Model 427R	Model 430
Distinct Temperature Zones	2	2	3	2
Upper Compartment Shelves	2	5	6	5
Lower Compartment Shelves	3	9	2	9
Display Shelf		.	.	.
Bottles Per Standard Shelf (750 ml bottles)	8	9	9	10
Bottles Per Display Shelf (750 ml bottles)		6	6	7
Refrigeration Drawers			2	
Full-View Glass Door	.	.	.	.
Optional Stainless Steel Door Frame & Handles	.	.	.	●
Optional Solid Door	.	.	.	●
Optional Door Lock	.	.	.	.



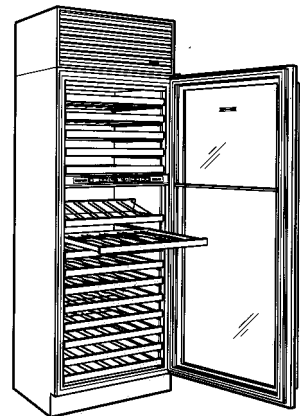
Model 424



Model 427



Model 427R



Model 430



Features and Options

When looking at wine storage units, you no longer have to think only about a unit that may fit in an undercounter application. Sub-Zero is offering you complete flexibility from the perspective of design applications—stainless steel or you can apply your own different wood panels—and storage capabilities. You and your customer now have complete flexibility.

All our models have the flexibility built-in from the factory. You have the opportunity to apply the creativity.

In addition to the standard features listed below, please make note of the following unique point.

Model 424 comes in the overlay and stainless steel door panel configurations. Models 427 and 427R are offered with the integrated and stainless steel options, while Model 430 comes in the framed, overlay and stainless steel options.

Dual Refrigeration System. In a similar fashion to our 600 Series, each 400 Series model has dual refrigeration so your client will have specific, individual temperature control of the two wine compartments. Whether you are storing wine or getting it ready to be served, you have complete control and you know the precise temperature because of the digital readouts.

Electronic Controls. Sub-Zero has added a micro-processor to offer touch pad controls that are easy to understand and set the temperatures.

Display Shelf. This beautiful shelf offers your clients the opportunity to display those prize bottles of wine in their collection. It is illuminated with discreet lighting mounted in the control panel.

Storage Shelves. The sturdy, rustproof wire shelves can easily accommodate standard 750 ml bottles, half-bottles, as well as magnums. All the shelves are finished off with a natural cherry wood facing for a beautiful, elegant look. In addition, all shelves will enable you to be sure the wine is stored properly and that the corks are in contact with the bottles' contents.

Roller Assembly. All shelves have a roller assembly, which enables you to have a three-quarter extension for easy access to all bottles of stored wine.

Service Alert. An indicator light will let you know if service may be necessary; in addition, you have the option of hooking the equipment up to your home security system.

Discreet Lighting. Our soft lighting is independent of door opening.

Correct Temperatures. The temperature range of each wine compartment is 38 degrees to 65 degrees Fahrenheit and your set temperature is digitally displayed in the control panel.

Humidity. Proper humidity is maintained throughout the entire unit.

UV Protection. The tinted glass minimizes the amount of ultraviolet light entering the unit.

Lock. A lock will be offered as an option for all 400 Series models. The lock is offered as a sales accessory and should be ordered through your Sub-Zero product distributor.

Solid Doors. If you would like to order a unit without glass, you have that option also. This will be treated as a special order and you have to let Sub-Zero know 90 days before you need the unit.

Built-in Look. Sub-Zero offers you and your clients a host of design alternatives to choose from when choosing the look you want. Wood or stainless steel, framed, overlay or integrated. The choices are in your hands.

Light Seal. Magnetic gaskets around the doors give extra tight seals.

Toe Plate. Solid, adjustable toe plate gives a true built-in look, and conforms to American Institute of Architects standards.

Front Venting. All Sub-Zero wine storage units are designed for mechanical system air flow at the front of the appliance. Decorative panels must not cover louvered surfaces or prevent removal of louvered components.

Sub-Zero Protection Plan. Like all Sub-Zero units, the 400 Series is covered by the Sub-Zero Protection Plan.

400 SERIES PLANNING INFORMATION

Planning Information

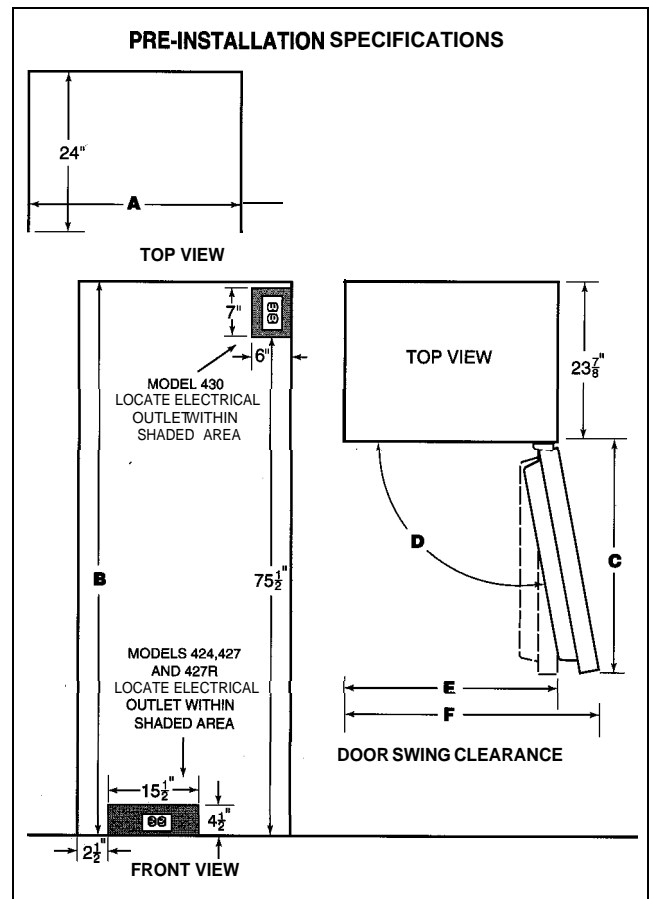
Review the installation requirements for your particular unit in illustration 1 and the Pre-Installation Specifications chart. They cover all the details you need to know about space allocation and placement of electrical, whether the units are framed, overlay, stainless steel, or integrated.

The units must be installed to open a minimum of 90 degrees or you will have problems pulling the shelves out.

For corner installations, you need allow for a minimum two-inch filler so the door can open to 90 degrees. If you are using some larger handle hardware, you **will** also need to take that into account.

If installing a wine unit next to an existing Sub-Zero unit, you may have to allow for a filler strip and possibly a heater kit.

If you are connecting the unit to your home security system, you must allow a minimum of 36 inches of the system's wiring to be routed in the electrical area designated for your respective model.



Illus. 1

Pre-Installation Specifications

Model	424	427	427R	430
Finished Rough Opening (A)	24"	27"	27"	29 1/2"
Finished Rough Opening (B)	34 1/2"	80"	80"	83 3/4"
Minimum Door Clearance (C)	25 3/8"	25 1/2"	25 1/2"	30 1/8"
Maximum Door Swing (D)	145°	105°	105°	130°
Minimum Clearance @ 90° Door Swing (E)	26"	28"	28"	33"
Minimum Clearance @ Maximum Door Swing (F)	44"	35"	35"	50"
Minimum Height Required	34 1/4"	79 1/2"	79 1/2"	82 7/8"

NOTE: Door swing clearance is based on stainless steel door and handle dimensions.

Integrating Cabinetry – All Units

Unless you are installing a stainless steel unit, you will need to provide a complete door panel in the instance of a solid door unit, or a frame for the glass door application, where wine will be seen from the outside. If you order a stainless steel unit, the Models 424 and 430 will be shipped with their panels and hardware installed and you will merely install the Sub-Zero. However, for the Models 427 and 427R, you will have to have the stainless steel panels installed.

Model 424 – Overlay Panels

The overlay panels applied to the Model 424 should not be confused with the 600 Series overlay panel application. The Model 424 panel will consist of only a frame and would be either the 5/8-inch or 3/4-inch panel you may be using. It is affixed directly to the door itself with screws through a series of pre-drilled holes in the perimeter of the door itself. You DO NOT need any backer or spacer panel.

Refer to illustrations 2 and 3 to give you a better idea of the exact space our unit needs and how the panel fits in relationship with the unit.

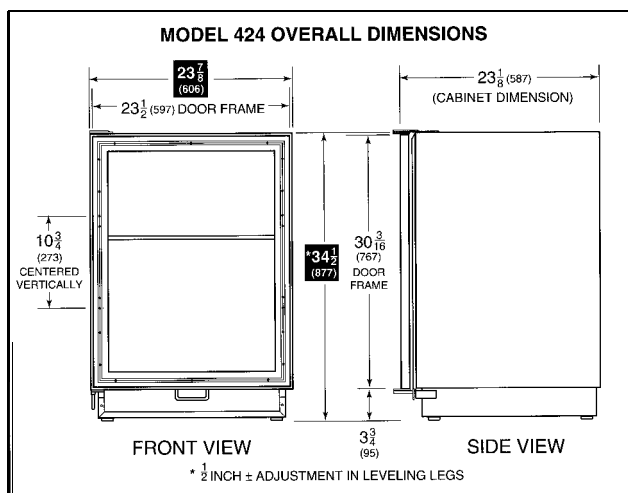
Rails and stiles can be increased in size but should not exceed cabinet manufacturers standard width. They cannot exceed overall door panel dimensions specified, as they would interfere with the operation of the door. The back sides of rails and stiles that will be visible through the glass door will need to be finished. Also, the inside edges of the frames must be finished to match the front surface.

Please note on the left-hand side of the overall unit dimensions where we have located pre-drilled holes for our optional handle hardware. Refer to page 39 for specifics about installing handle hardware on this overlay application.

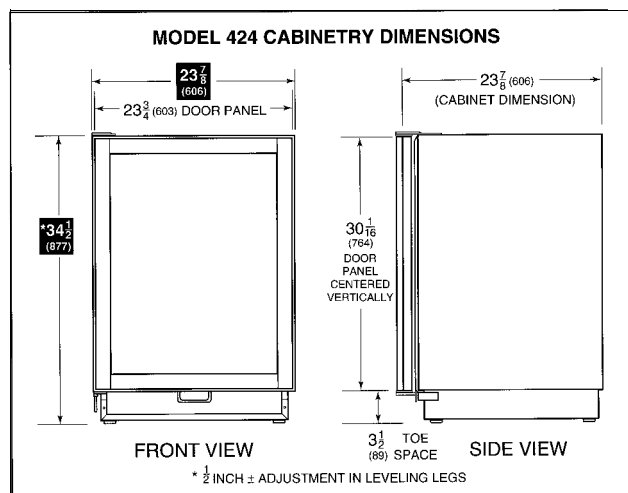
Other installation instructions will be provided in complete detail in a book, which accompanies each unit.

Model 424 – Door Opening

When planning to install the Model 424 next to adjoining cabinetry, you must make provisions to allow the door to open to a maximum of 145 degrees and not hit the door panel. Please refer to illustration 1, on page 34.



Illus. 2



Illus. 3

Overlay Panel Specifications – Model 424

Door Panel (W x H)	23 ³ / ₄ " x 30 ¹ / ₁₆ "
Minimum Width of Rails and Stiles	2 ¹ / ₄ "
Door Panel Weight Limit	10 lbs.
Minimum Panel Thickness	5/8"

Models 427 and 427R – Integrated Panels

If you are familiar with the 700 Series and its panel applications, this section will be relatively easy to understand. The integrated full panels or framed panels for glass doors will follow some of the identical planning processes you learned with the 700 Series. The installation of the door panels is completely different, however. Rather than using the mounting hardware we used with the 700 Series, door panels for both Models 427 and 427R will be applied with screws applied through our door.

The drawer panels for the Model 427R will be applied using the 700 Series technique of mounting brackets.

The installation instructions are covered in detail in books accompanying the individual units.

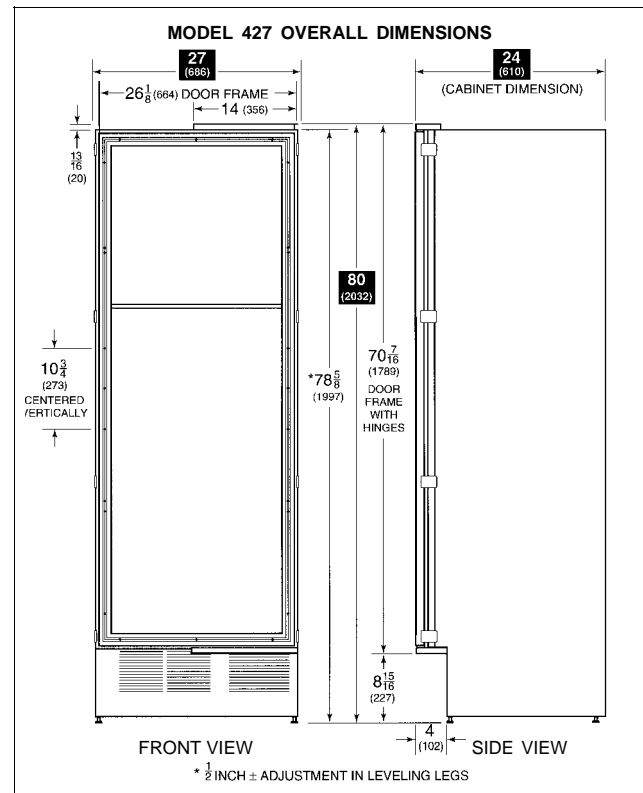
Please refer to illustrations 4-7 to give you a better idea of the exact space our unit needs and how the panels fit in relationship with the unit.

IMPORTANT NOTE: While the stiles are a minimum of 2-1/4" for both the Models 427 and 427R, the top and bottom rails of the units are different. Rails and stiles can be increased in size but should not exceed cabinet manufacturers standard width. They cannot exceed overall door panel dimensions specified, as they would interfere with the operation of the door. The back sides of rails and stiles that will be visible through the glass door will need to be finished. Also, the inside edges of the frames must be finished to match the front surface.

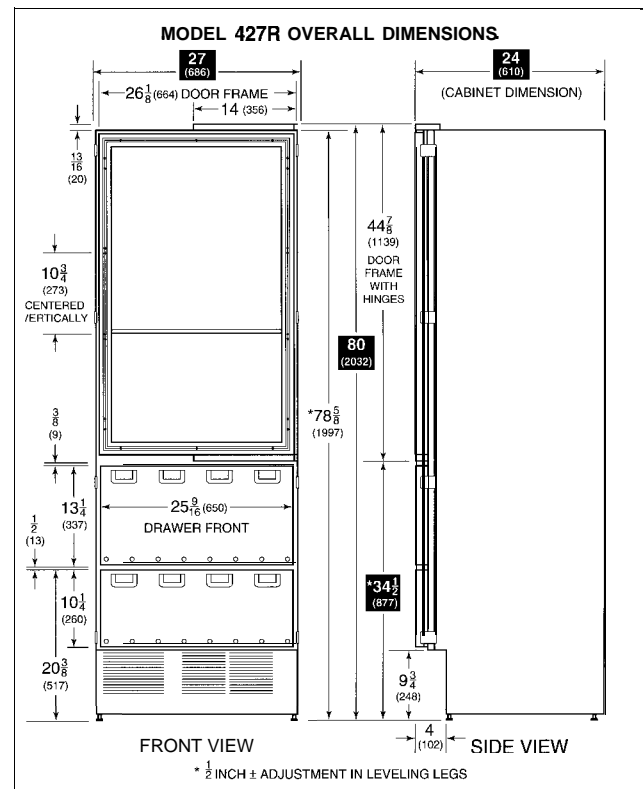
IMPORTANT NOTE: The dimensions of these panels and stiles are assuming the models finish off at 80" in height overall and have a four-inch toe kick for the Model 427. If you finish off at 84" for instances, you **MUST** add four additional inches to the overall height of the panel and remember to add four inches to the top rail. Likewise, if you allow for a six-inch toe kick for the Model 427, you must subtract two inches from the bottom rail.

NOTE: The toe kick area on the Model 427 cannot be larger than six inches.

Door panels for Models 427 and 427R can grow beyond the 80-inch height to accommodate any size of door as long as you stay below door panel weight limit of 20 pounds. Refer to illustration 10 on page 26 of the 700 Series section for upper valance specifications.

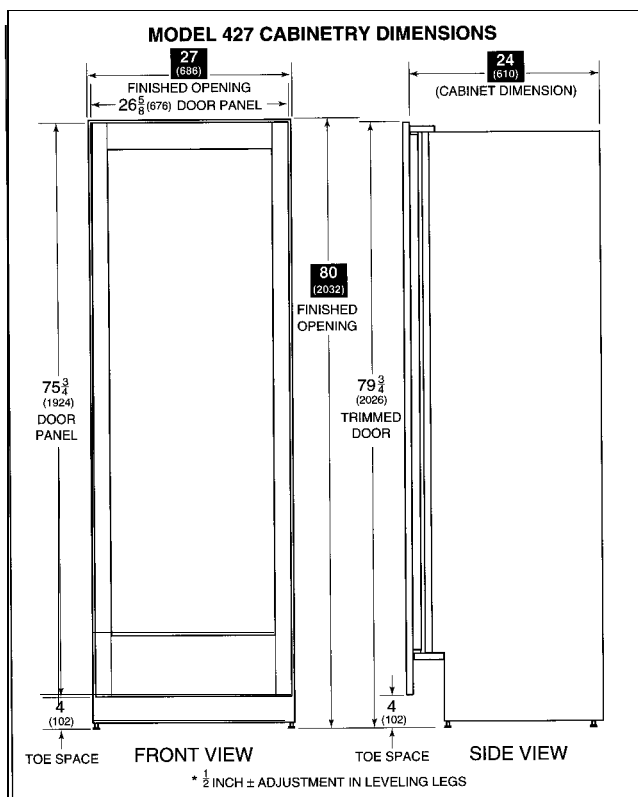


Illus. 4

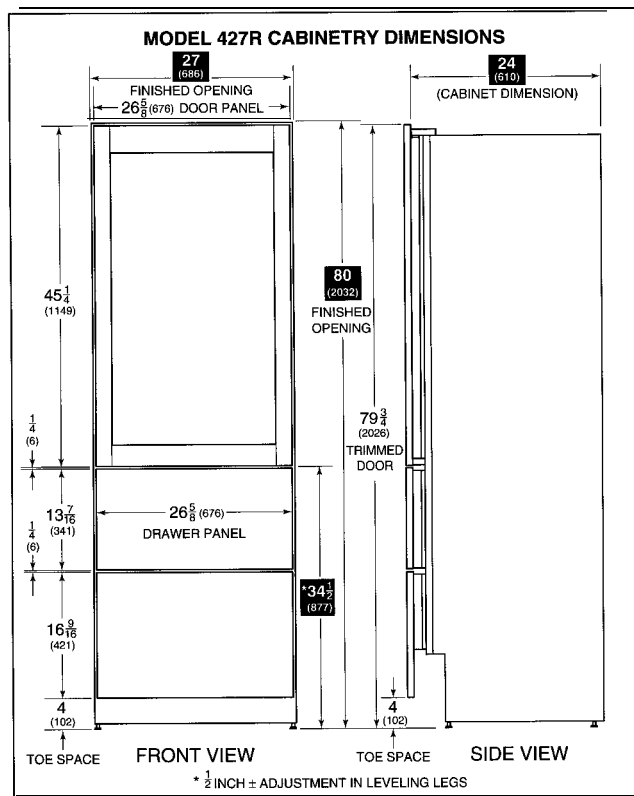


Illus. 5

400 SERIES PLANNING INFORMATION



Illus. 6



Illus. 7

Integrated Panel Specifications - Model 427

Door Panel (W x H)	26 5/8" x 75 3/4"
Minimum Width of Top Rail	3 5/8"
Width of Bottom Rail	8"
Minimum Width of Stiles	2 1/4"
Door Panel Weight Limit	20 lbs.
Minimum Panel Thickness	5/8"

Please note on the left-hand side of the overall unit dimensions where we have located pre-drilled holes for our optional handle hardware. Refer to page 39 for specifics about installing handle hardware.

Drawer Panel Specifications - Model 427R Only

IMPORTANT NOTE: In the following chart the bottom drawer panel height is based on a 4" toe kick. If you want to show a 6" toe kick, you must subtract two inches from the bottom drawer panel height.

Integrated Panel Specifications - Model 427R

Door Panel (W x H)	26 5/8" x 45 1/4"
Minimum Width of Top Rail	3 5/8"
Minimum Width of Bottom Rail	3"
Minimum Width of Stiles	2 1/4"
Door Panel Weight Limit	20 lbs.
Top Drawer Panel (W x H)	26 5/8" x 13 7/16"
Bottom Drawer Panel (W x H)	26 5/8" x 16 9/16"
Drawer Panel Weight Limit	12 lbs. each
Minimum Panel Thickness	5/8"

Model 430 - Framed and Overlay Panels

The framed and overlay treatments of panels for the Model 430 are identical to the Model 611 in width and the 632 in height, you will need to be aware of some of flexibility and limitations these issues give you.

Model 430 – Framed Panels

Unlike the Model 611, you cannot use a 1/4" panel for a covering of the glass door. It is fine when applying a panel to the solid door, but in either instance, you should consider using raised panels with a minimum thickness of 5/8".

When using a raised, framed panel, you must allow for an edge to rout around the panel to ensure a proper fit. See illustration 8.

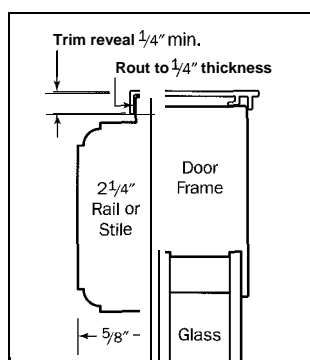
With the framed Model 430, you will receive an extruded handle identical in appearance to the 600 Series units. However, it will be an extended handle and will enable you to use raised panels without providing finger clearance to open the door.

Refer to the Framed Panel Specifications chart for complete details on the size of the framed panel.

Framed Panel Specifications – Model 430

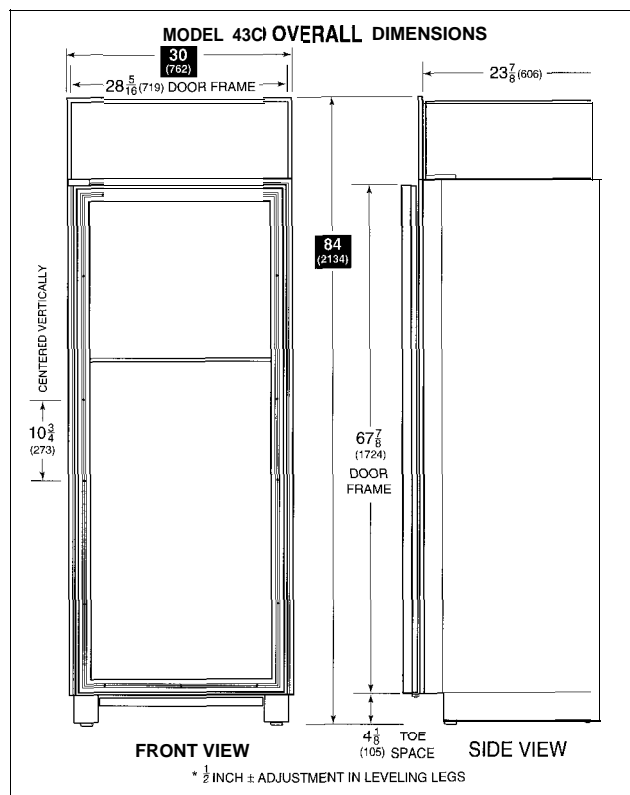
Framed Door Panel (W x H)	28 1/8" x 67 1/16"
Minimum Width of Rails and Stiles	2 1/4"
Door Panel Weight Limit	25 lbs.
Minimum Panel Thickness	5/8"

Illus. 8

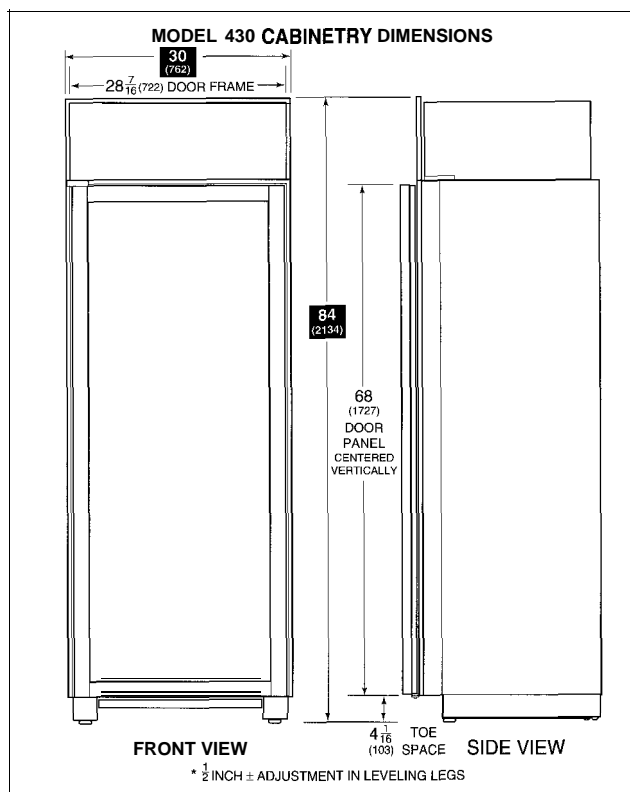
**Model 430 – Overlay Panel**

Your overlay unit will be shipped without handle hardware and with an 1 I-inch overlay panel grille as standard equipment. You will need to order a panel for the grille and hardware to complement your surrounding cabinetry.

While the overlay panel design offers you a more seamless appearance, you need to be aware of adjacent cabinets and/or countertops when the door is opened. Refer to illustrations B and C in the center of this guide.



Illus. 9



Illus. 10



Overlay Panel Specifications – Model 430

Overlay Door Panel (W x H)	28 ⁷ / ₁₆ " x 68"
Spacer Panel (W x H)	27 ¹ / ₂ " x 67 ¹ / ₁₆ "
Backer Panel (W x H)	28 ¹ / ₈ " x 67 ¹¹ / ₁₆ "
Minimum Width of Rails and Stiles	2 ¹ / ₄ "
Door Panel Weight Limit	25 lbs.
Minimum Panel Thickness	5/ ₈ "

Grille Panel Specifications – Model 430

Overlay Grille Panel (W x H)	28 ⁷ / ₁₆ " x 10 ¹ / ₄ "
Spacer Panel (W x H)	27 ¹ / ₂ " x 9 ⁵ / ₁₆ "
Backer Panel (W x H)	28 ¹ / ₈ " x 9 ¹⁵ / ₁₆ "
Grille Panel Weight Limit	15 lbs.
Minimum Panel Thickness	5/ ₈ "

To achieve the overlay look, you need three different panels—the decorative overlay panel, a 10-inch spacer panel and a 1/4-inch backer panel. Depending on your cabinet manufacturer, this could be one panel routed for different dimensions or more likely, three different panels. Refer to the Overlay Panel Specifications charts for complete details on the overlay sizing. In addition, illustrations 11 and 12 will give you a better idea of the panel construction and how it interacts with our frame.

Rails and stiles can be increased in size but should not exceed cabinet manufacturers standard width. They cannot exceed overall door panel dimensions specified, as they would interfere with the operation of the door,

The back sides of rails and stiles that will be visible through the glass door will need to be finished. Also, the inside edges of the frames must be finished to match the front surface.

if you are using a solid door, you would not order a frame but follow only the overall panel sizing of the framed and overlay applications.

As with all Sub-Zero 600 Series equipment, you have the flexibility of ordering larger panel grilles for either the framed or overlay applications. For specific panel sizing on these optional grilles for either the framed or overlay applications of the Model 430, please refer to pages 12 and 13 of the 600 Series section of this Design Guide.

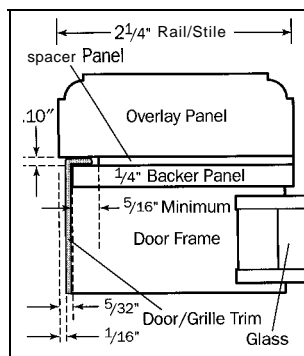
In addition, side panel information for a Model 430 is available on page 14 of this Design Guide.

Wood Facing - Wine Shelves

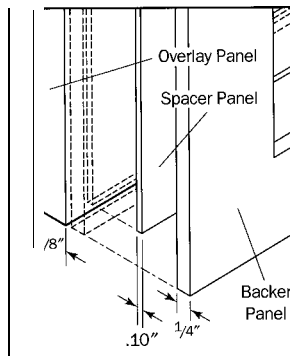
Sub-Zero has provided a natural cherry wood facing to each of its wine shelves in each model. If, however, you would like to replace these strips with wood more complementary to your design and surrounding cabinetry, you can.

Illustration H is a full-size template provided in the center section of this Design Guide, you must follow the layout of this format to accommodate the shelves properly. To remove the cherry strips, take the shelves out and merely remove the screws. Reverse the procedure to affix the new wood.

If you choose to stain or seal the wood facing, be aware that some of these substances are hazardous and will damage stored wine.



Illus. 11



Illus. 12

Handle Hardware Considerations

With the Model 424 (overlay), Models 427 and 427R (integrated) and Model 430 (overlay), you must supply your own handle hardware. It is recommended you use our optional handles and use the pre-drilled holes supplied to locate the handles within the frame of our unit. This will allow you to provide the best possible handle alignment and not take away from the strength of the stile in this area after the unit is used a number of times.

400 SERIES PLANNING INFORMATION



If you elect to place different hardware on these units, we encourage you to fasten the hardware by passing through our door and attach the hardware through the Sub-Zero door's frame.

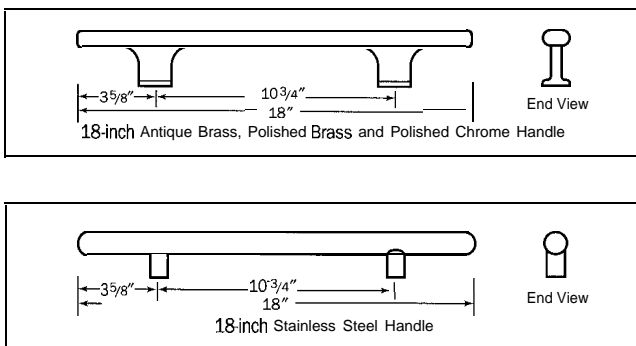
⚠ CAUTION

When planning for hardware, please refer to illustration G in the center section of this guide to give you a better understanding of the unit's frame and positioning of the glass for the door. You must not drill through this glass.

Optional handles are available in the following designs and configurations:

- 18-inch antique brass handles
- 18-inch polished brass handles
- 18-inch polished chrome handles
- 18-inch stainless steel handles

Refer to illustration 13 for mounting specifications.



Illus. 13

Electrical

A 115 volt, 60 Hz, 15 amp fused electrical supply is required. It is recommended that a separate circuit, serving only this appliance, be provided.

All Sub-Zero 400 Series units are equipped with a power supply cord with a 3-prong grounding plug and it must be plugged into a mating 3-prong grounding type wall receptacle. Follow the National Electrical Code and local codes and ordinances when installing the receptacle. Refer to illustration 1, page 34 for exact specifications.

Checking The Results

The 400 Series Installation Guide packed with the appliance will give you step-by-step procedures for making sure the unit is installed properly.

The following is a checklist of some of the important items you'll want to review before your installation is complete. Following these guidelines will assure a beautiful and safe installation, and a satisfied client.

- ☐ Has blocking been completed or the anti-tip blocking bracket been installed properly?
- ☐ Are the panels installed properly?
- ☐ Is the unit operating? If not, is unit plugged in? Check to see if unit is operating before you install.
- ☐ Have the temperatures been set?
- ☐ Is packing material removed?
- ☐ Is toe plate/grille installed?
- ☐ Does the customer understand the unit's operation?
- ☐ Does your customer understand Sub-Zero's "12-Year Protection Plan" warranty?

When you've completed this final check, you can be assured that your client will enjoy the very best in home refrigeration for years to come.

Service For Sub-Zero Wine Storage Equipment

If your client needs service, advise them to check the model and serial number on the plate attached to the underside of the control panel/divider wall (underside of the top wall for Model 424) of the appliance. Contact a Sub-Zero Factory Authorized Service Center, a dealer, or Sub-Zero Freezer Co., Service Department, P.O. Box 44130, Madison, WI 53744-4130, call (800) 222-7820, or e-mail us at customerservice@subzero.com.

SUB-ZERO 200 SERIES – UNDERCOUNTER REFRIGERATION



Undercounter Refrigeration of Exceptional Quality

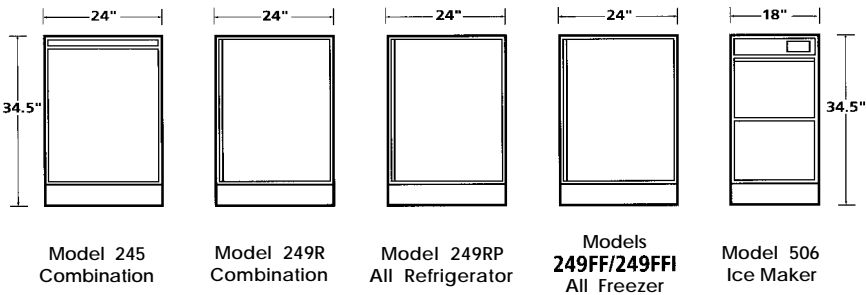
Aside from the full-size units, Sub-Zero offers in its 600 and 700 Series lines of refrigeration, we round out our product line-up with a line of traditional undercounter refrigeration which meets all of the exacting standards you have grown to expect from Sub-Zero.

Our undercounter line consists of two different refrigerator/freezer combinations, an all-refrigerator model, an all-freezer model and an ice maker.

They all accept decorative door panels (maximum 20 pound limit) to fit any decor and can be built in to fit flush with virtually any base cabinet style or they can be installed as free standing units. Equally important, they are all backed by one of the best warranties in the industry.

These illustrations show the basic model configurations that the Sub-Zero 200 Series offers.

For information regarding specific 200 Series models, refer to the charts and illustrations in this section.

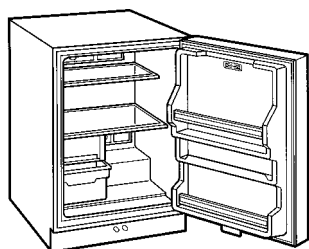


ZOO SERIES SPECIFICATIONS AND FEATURES

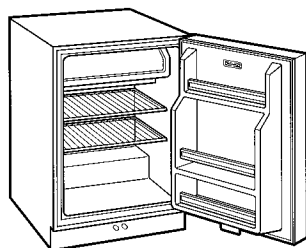
Specifications	Model 245	Model 249R	Model 249RP	Model 249FF
Refrigerator/Freezer	Combination	Combination	All Refrigerator	All Freezer
Overall Size (H x W x D)	34" x 23 ⁷ / ₈ " x 24"	33 ¹³ / ₁₆ " x 23 ⁷ / ₈ " x 24"	33 ¹³ / ₁₆ " x 23 ⁷ / ₈ " x 24"	33 ¹³ / ₁₆ " x 23 ⁷ / ₈ " x 24"
Refrigerator Capacity	3 cu. ft.	4.4 cu.ft.	4.9 cu. ft.	
Freezer Capacity	1.9 cu. ft.	.7 cu. ft.		4.6 cu. ft.
Door/Drawer Clearance	25 ¹³ / ₁₆ "	25 ³ / ₈ "	25 ³ / ₈ "	25 ³ / ₈ "
Specify Door Swing (LH or RH)	.	.	.	.
Annual Energy Usage	\$40*	\$32*	\$37*	\$44*
Shipping Weight	139 lbs.	120 lbs.	117 lbs.	135 lbs.

Interior Features	Model 245	Model 249R	Model 249RP	Model 249FF
Removable Shelves		2	2	2
Stationary Shelves	2	1	1	1
Door Shelves	2	3	3	
Automatic Ice Maker	.			
Automatic Defrost	•			•

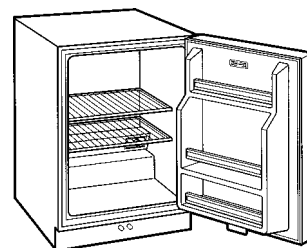
* Annual energy costs are based on 8.67 cents per kilowatt hour.



Model 245



Model 249R



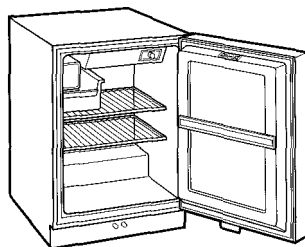
Model 249RP

200 SERIES **SPECIFICATIONS** AND FEATURES

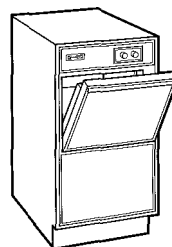
Specifications	Model 249FFI	Model 506
Refrigerator/Freezer	All Freezer	Ice Maker
Overall Size (H x W x D)	33 ¹³ / ₁₆ " x 23 ⁷ / ₈ " x 24"	34 ¹³ / ₃₂ " x 17 ⁷ / ₈ " x 23 ⁷ / ₈ "
Refrigerator Capacity		
Freezer Capacity	4.6 cu. ft.	
Door/Drawer Clearance	25 ³ / ₈ "	11 ³ / ₄ "
Specify Door Swing (LH or RH)	.	.
Annual Energy Usage	\$44*	.
Shipping Weight	135 lbs.	110 lbs.

Interior Features	Model 249FFI	Model 506
Removable Shelves	2	.
Stationary Shelves	1	.
Door Shelves	.	.
Automatic Ice Maker	.	.
Automatic Defrost	.	.

* Annual energy costs are based on 8.67 cents per kilowatt hour.



Models **249FF/249FFI**



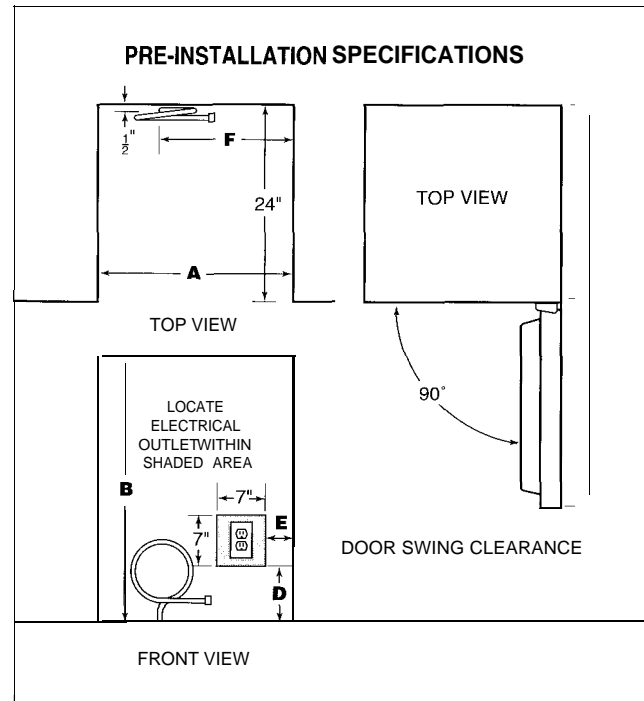
Model **506**

200 SERIES PLANNING INFORMATION

Planning Information

All 200 Series undercounter units require the same basic planning considerations before installing. Review the installation requirements for your particular unit. **These charts and illustrations provide planning information for all Sub-Zero 200 Series models.**

Refer to the Pre-Installation Specifications chart for important information regarding area requirements, minimum door clearance, electrical and plumbing placement.



Illus. 1

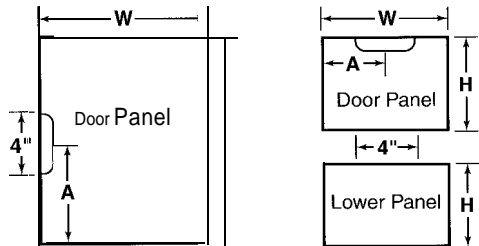
Pre-Installation Specifications

Model	245	249R	249RP	249FF	249FFI	506
Finished Rough Opening (A)	24"	24"	24"	24"	24"	18"
Finished Rough Opening (B)	34½"	34½"	34½"	34½"	34½"	34½"
Minimum Door Clearance at 90° (C)	25 ¹³ / ₁₆ "	25%"	25 ³ / ₈ "	25 ³ / ₈ "	25 ³ / ₈ "	11 ³ / ₄ "
Minimum Height Required	34¼"	34¼"	34¼"	34¼"	34¼"	34¼"
Recommended Electrical Outlet Location (D)	1"	10½"	10½"	10½"	10½"	2½"
Recommended Electrical Outlet Location (E)	2"	8½"	8½"	2½"	2½"	2½"
Water Supply Location (F)	12"	N/A	N/A	N/A	18"	11"

Integrating Cabinetry

The Door Panel Specifications chart and illustration 2 provide necessary panel sizing information.

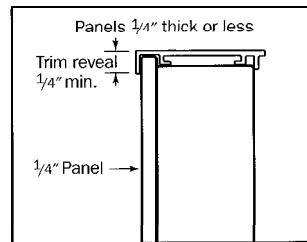
Illus. 2



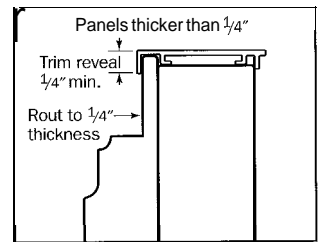
Models 245, 249R, 249RP,
249FF and 249FFI

Model 506

Door panels must be 1/4-inch thick around the perimeter. If the panel is thicker than 1/4-inch, an edge must be routed around the panel to ensure a proper fit. Model 245 is the exception. While the edge must be 1/4-inch thick, you must allow 3/8-inch around the perimeter for the frame. See illustrations 3 and 4.



Illus. 3



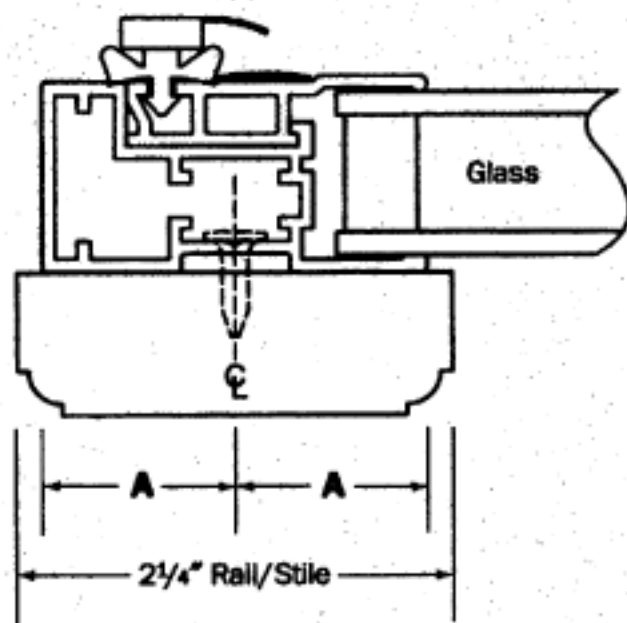
Illus. 4

Door Panel Specifications

Model	245*	249R	249RP	249FF	249FFI	506
(W) Door Panel	23 1/2"	23 5/8"	23 5/8"	23 5/8"	23 5/8"	17"
(H) Door Panel	28 3/4"	30"	30"	30"	30"	13 3/16"
(W) Lower Panel	—	—	—	—	—	17"
(H) Lower Panel	—	—	—	—	—	11 15/16"
(A) Handle Recess Location		15"	15"	15"	15"	8 1/2"

**Model 245 requires no handle recess.*

400 Series Door Frame Dimensions



DOOR FRAME PROFILE

Illus. G

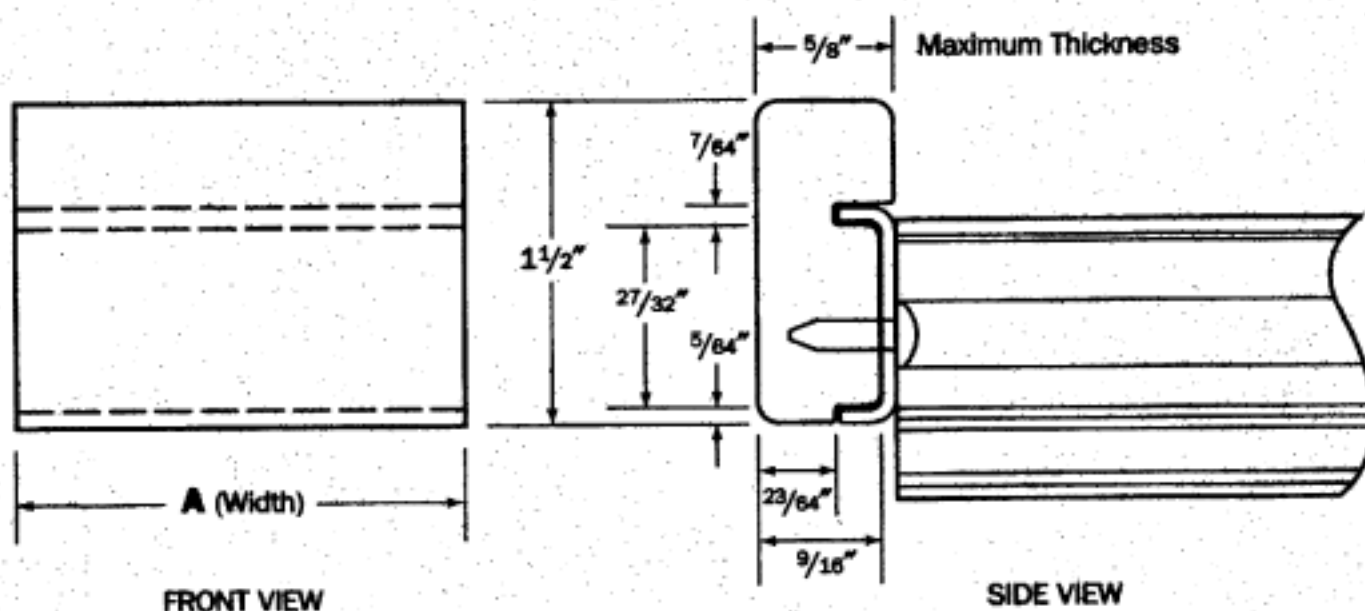
Door Frame Handle Offset - Dimension (A)

Model 424	1"
Model 427	7/8"
Model 427R	7/8"
Model 430	15/16"

IMPORTANT NOTE: Rails and stiles must be a minimum of 2-1/4" wide (except for the rails of Models 427 and 427R, which must be wide enough to cover the door hinges). The back sides of rails and stiles that will be visible through the glass door will need to be finished.

NOTE: Illustration G is typical of the Model 424 door frame profile, details of the other 400 Series door frames will vary slightly.

Wine Shelf Wood Molding Dimensions



FRONT VIEW

SIDE VIEW

Illus. H

Wine Shelf Wood Molding - Dimension (A)

Model 424	19 1/2"
Model 427	20 15/16"
Model 427R	20 15/16"
Model 430	24 9/16"

SUB-ZERO 12-YEAR PROTECTION PLAN

Full 5 Year Warranty and Limited 6th Through 12th Year Warranty on the Sealed System

Full 2 Year Warranty on Total Product

Full Five Year Warranty

For five years from the date of original installation, the Sub-Zero warranty covers all parts and labor to repair or replace any components that prove to be defective in materials or workmanship in the sealed system. The sealed system consists of the compressor, condenser, evaporator, drier and all connecting tubing.

Full Two Year Warranty

For two years from the date of original installation, the Sub-Zero warranty covers all parts and labor to repair or replace any part of the product which proves to be defective in materials or workmanship.

Limited 6th Through 12th Year Warranty

From the 6th through the 12th year from the date of original installation, the Sub-Zero warranty covers all parts that prove to be defective in materials or workmanship in the sealed system (parts only). The sealed system consists of the compressor, condenser, evaporator, drier and all connecting tubing.

Terms Applicable To Each Warranty

All service provided by Sub-Zero under the above warranty must be performed by authorized Sub-Zero service representatives, unless otherwise specified by Sub-Zero. Service will be provided in the home during the normal business hours. This warranty applies only to products installed for normal residential use.

Details regarding a non-residential warranty are available upon request.

The warranty applies only to products installed in any one of the fifty states of the United States, the District of Columbia or the ten provinces of Canada. This warranty does not cover any parts or labor to correct any defect caused by negligence, accident or improper use, maintenance, installation, service or repair, including but not limited to improper removal and reinstallation (whether in the unit or at a remote location) of the condensing unit.

The remedies described above for each warranty are the only ones which Sub-Zero will provide, either under these warranties or under any warranty arising by operation of law. Sub-Zero will not be responsible for any consequential or incidental damages arising from the breach of these warranties or any other warranties, whether express, implied or statutory.

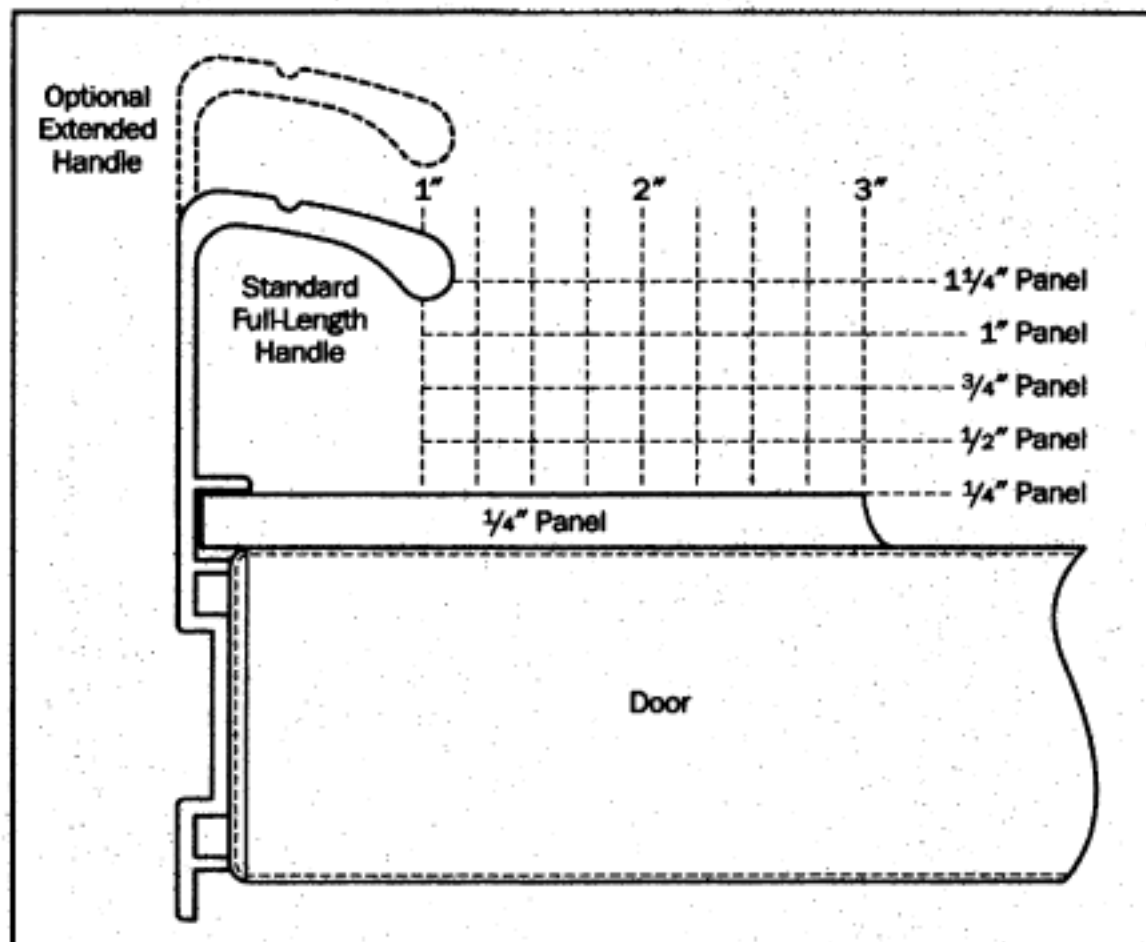
Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives owners specific legal rights and owners may also have other legal rights which vary from state to state.

To receive parts and/or service and the name of the nearest Sub-Zero authorized service representative, contact your Sub-Zero dealer, distributor or Sub-Zero Freezer Company, Service Department,
P. O. Box 44130, Madison, WI, 53744-4130, call (800) 222-7820 or e-mail us at
customerservice@subzero.com.



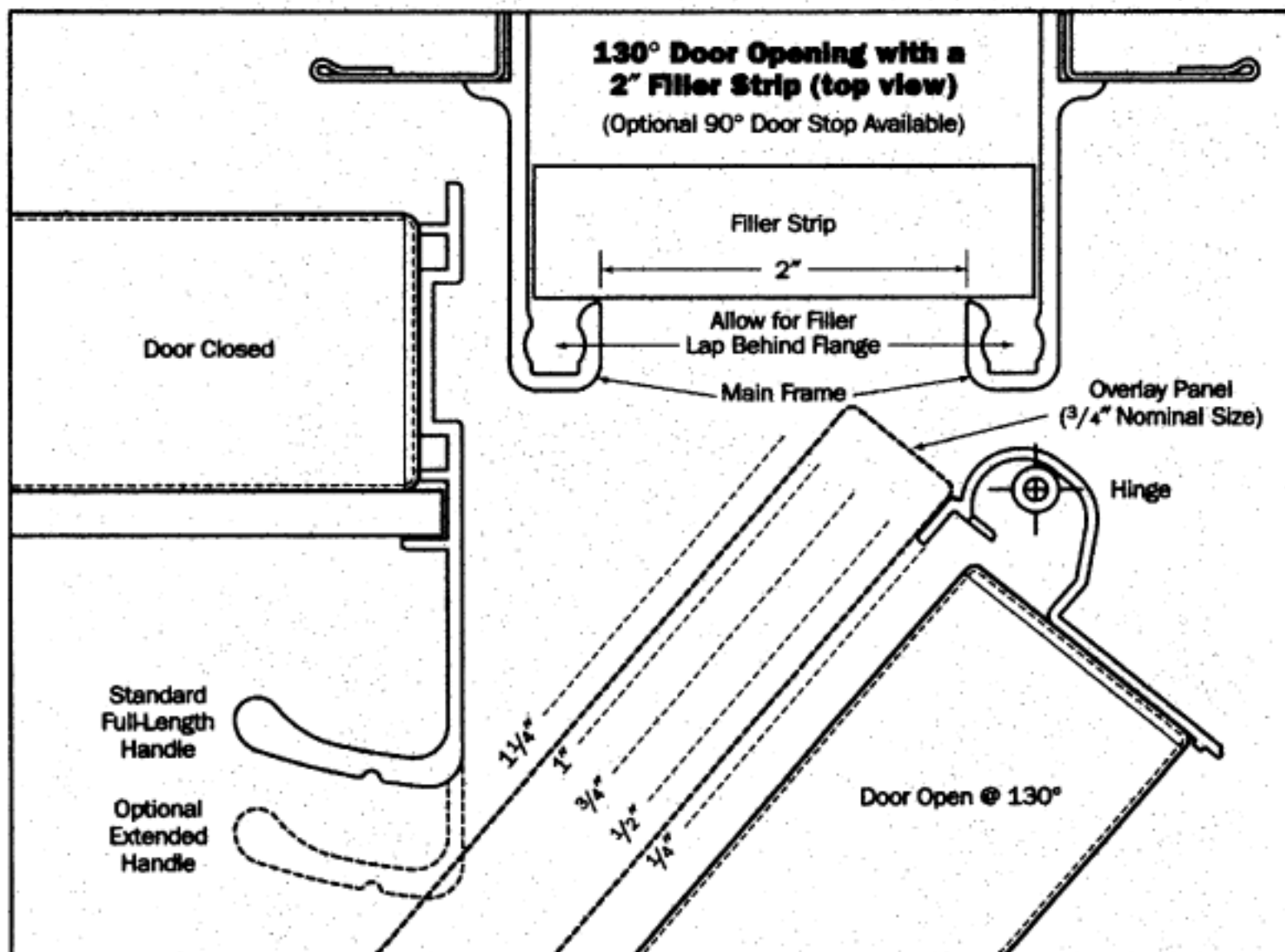
These actual size illustrations enable you to understand some of the unique situations you may face as you design the 600 Series full-size units into homes. These pages can be easily removed and photocopied or used in your tracings.

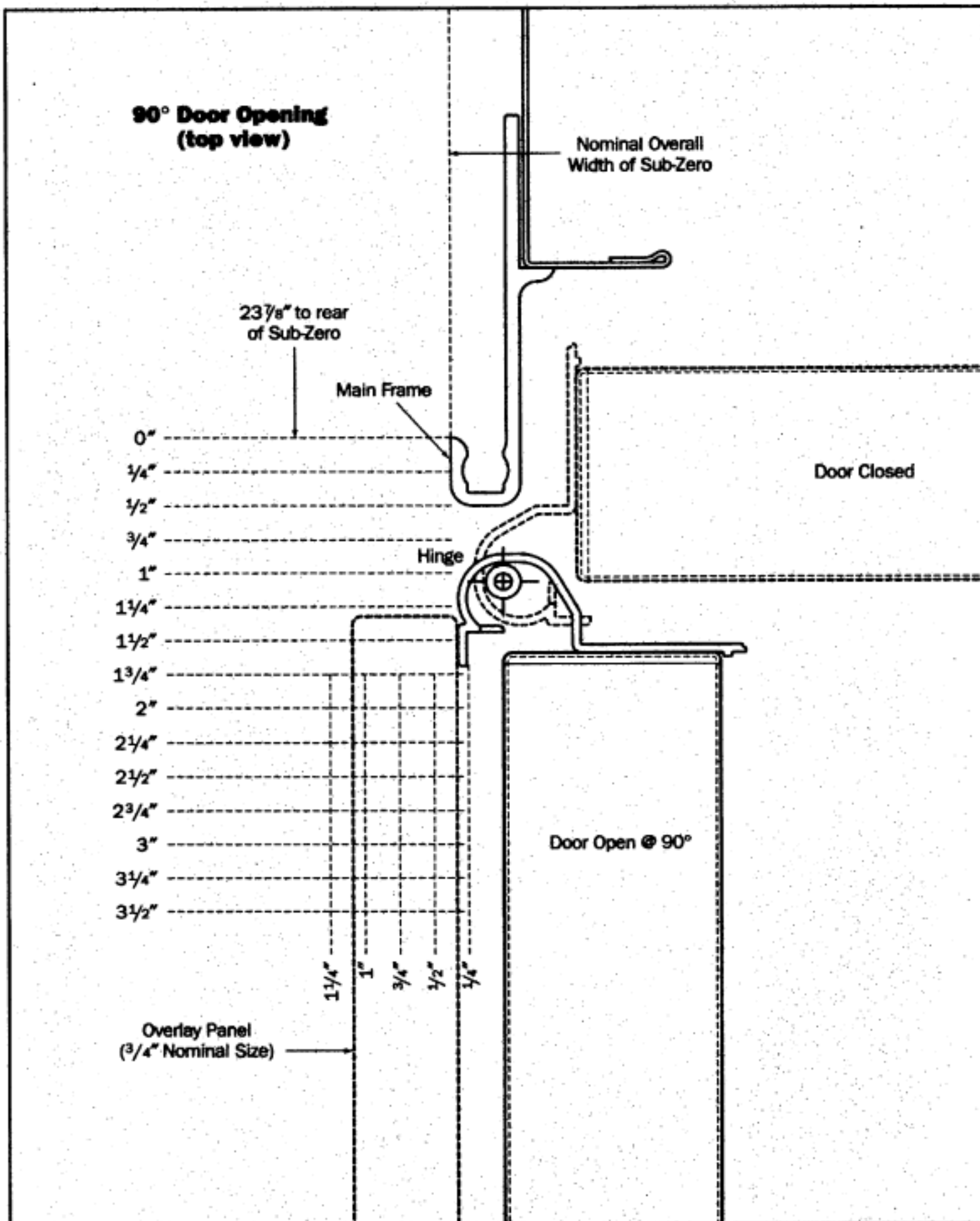
Illustrations A and B show handle placement for framed applications. Also, in illustrations A and B you can see the difference between the standard full-length handle and the optional extended full-length handle illustrated in the dashed line.



Illus. A

Illus. B





Illus. C

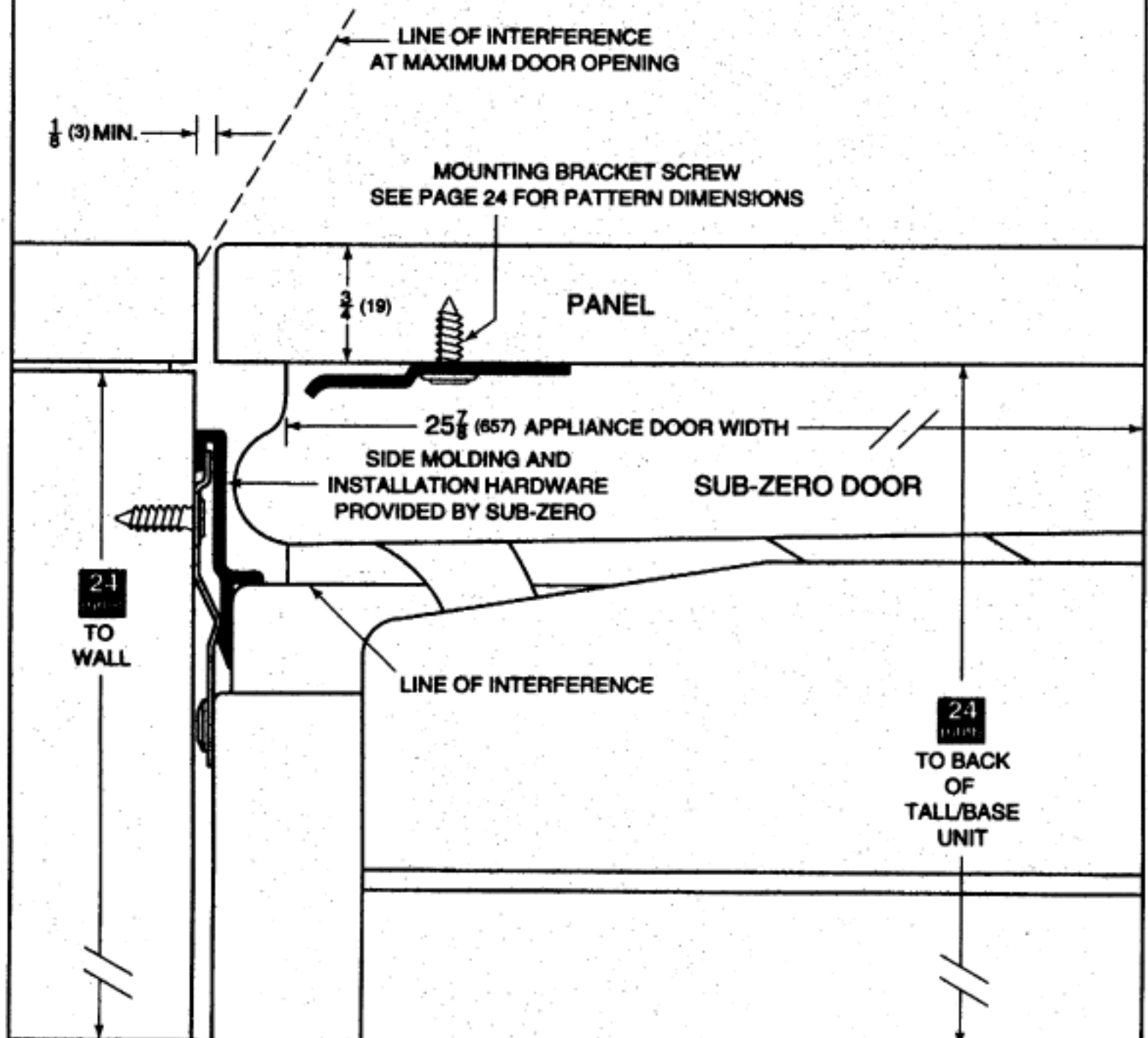
Illustration C lets you see what considerations you need to make for any overlay panel applications, and how they may interact with adjacent cabinets and/or countertops. Also refer to page 11.

**INSTALLATION OF TALL UNIT (DOOR CLOSED)
TOP VIEW – FULL SCALE
FRAMELESS CABINETRY**

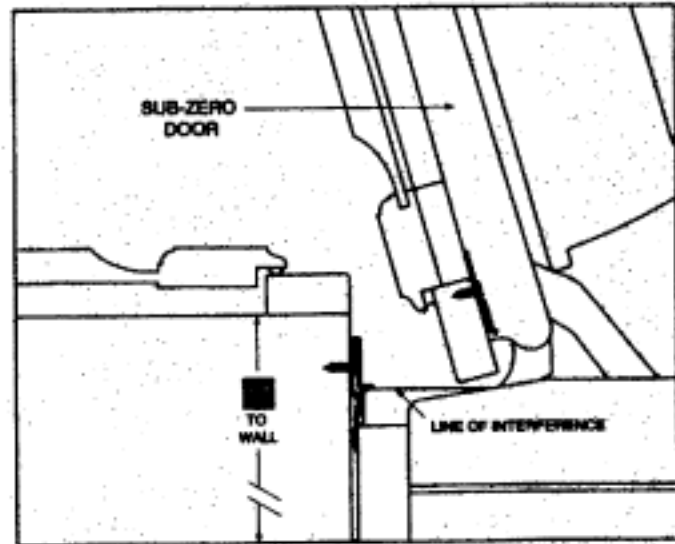
PANEL WEIGHT LIMITS:

Door – 40 lbs.

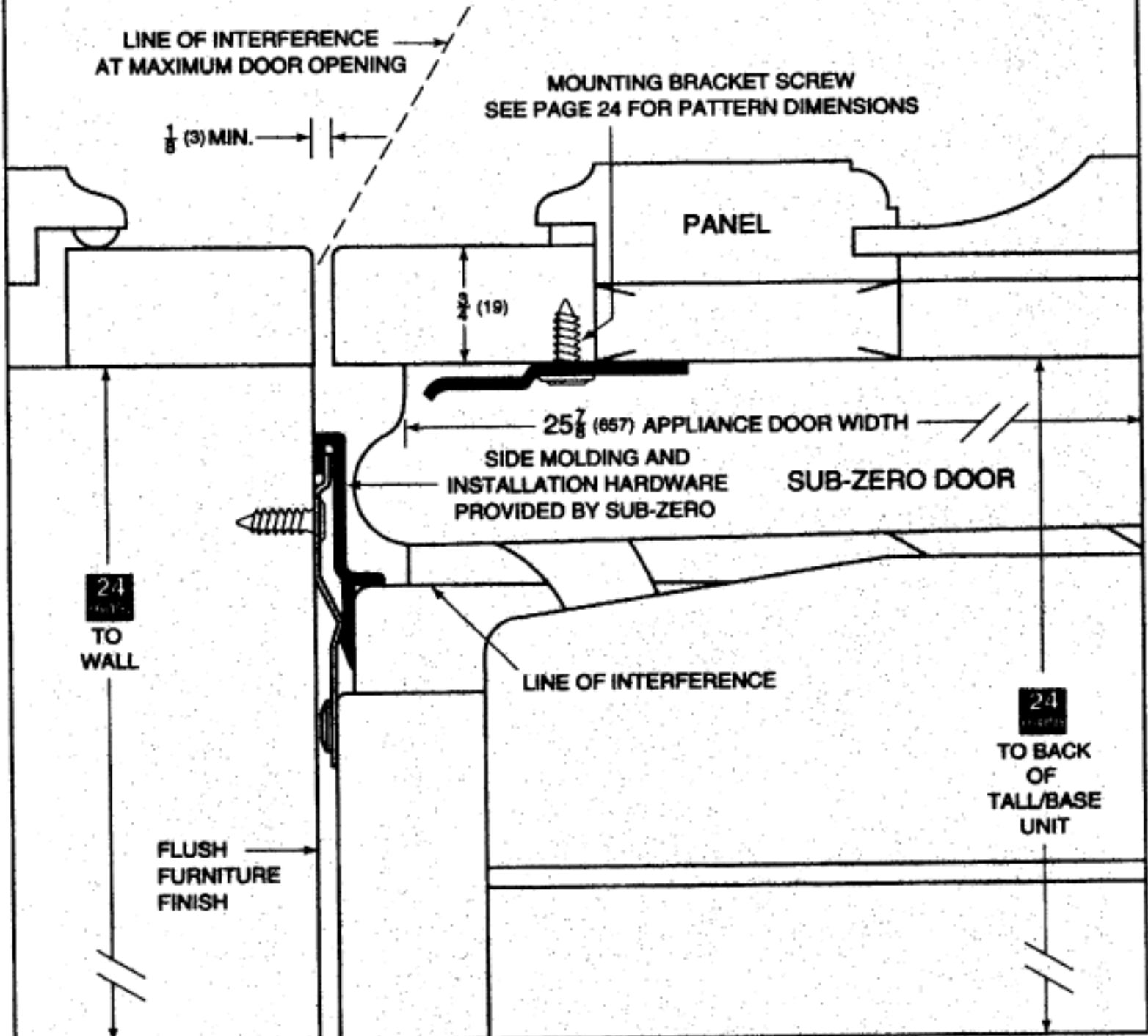
Drawer – 12 lbs. each



**INSTALLATION OF TALL UNIT
(DOOR CLOSED)
TOP VIEW - FULL SCALE
(FRAMED CABINETRY)**



**(105° MAXIMUM DOOR OPENING)
TOP VIEW-1/4 SCALE**



INSTALLATION OF TALL UNIT WITH ADJACENT CABINET
105° MAXIMUM DOOR OPENING
TOP VIEW – FULL SCALE – FRAMELESS CABINETRY
(DASHED LINE INDICATES 90° DOOR OPENING AND
ADJACENT SIDE PANEL AND COUNTERTOP APPLICATION)

