

D E S I G N G U I D E

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DESIGN GUIDE

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SUB-ZERO® is a registered trademark of Sub-Zero Freezer Company, Inc.

Welcome to Sub-Zero. We make the ultimate built-in, integrated and under-counter refrigerators and freezers, and wine storage units. 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.

Sub-Zero has rethought traditional built-in refrigeration, a category it pioneered with nearly 60 years of experience. When our complete line of configurations—over-and-under, side-by-side, all refrigerator and all freezer—are coupled with three design alternatives and classic, platinum and carbon stainless steel finishes, the results are unlimited flexibility in satisfying your client's needs for residential refrigeration. Our new glass door units, Models 601RG, 611G and 650G, are sure to allow you more options. New Models 661, 685 and 695 will replace Models 561, 680 and 690 in summer of 2004. The new ice and water dispensing Models 685 and 695 will now be available in the overlay application.

With the 700 Series, we've taken the idea a step further – integrated refrigeration. Refrigerators and freezers you can hide anywhere in the house, inside furniture or cabinetry of your choosing. Created to blend invisibly into your home's decor, the 700 Series lets you integrate refrigeration into the kitchen, master suite, media room or workout room. Available as tall units or two drawer base units, the 700 Series expands the possibilities for the way you shape your home.

With the 400 Series, Sub-Zero is breaking with conventional ways of offering wine storage for designers and their clients. Our four built-in units offer unlimited design and storage capabilities, along with the free-standing Model 424FS.

In all instances, you can depend on Sub-Zero. Our reputation is legendary. We have engineered and manufactured the best product in the business, and we stand behind our product. 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 Freezer Company Products Limited Warranty that covers the entire unit for two years for parts and labor from the date of installation, exclusions apply. See the details of our warranty on page 70.

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 that 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.



C R E A T I N G S O L U T I O N S F O R H O M E R E F R I G E R A T I O N

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 beauty of the overlay models to the professional treatment of the wrapped stainless steel doors.

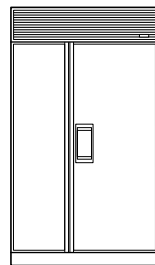
In the illustrations below, we have shown the three different design configurations of the framed, overlay and stainless steel units applied to the Model 695. Please note how we qualify the different looks with the model number.

Aside from the classic stainless steel, Sub-Zero offers two additional premium stainless steel finishes, platinum and carbon, on all of its models (except Models 680, 685, 690 and 695) and many of its related accessories. Product and accessories in the premium finishes will be regarded as special orders and must be ordered 90 days before you expect delivery.

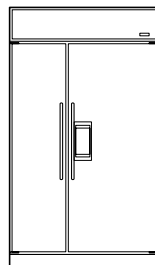
Glass doors are featured on Models 601RG, 611G and 650G. They're beautiful. They each come in a framed, overlay and stainless steel design and meet stringent energy numbers. Sub-Zero has it all.

- The traditional framed units will come with an elegant full-length handle and an 11" (279) louvered grille.
- Overlay models will come with no handle hardware, because the beauty of this design is that you can match the surrounding cabinetry hardware; however, we do offer optional handles as sales accessories. Models 680 and 690 are not available in the overlay design application. The new ice and water dispensing Models 685 and 695 being introduced in summer of 2004 will be able to accept overlay panels. Overlay models will come with a standard 11" (279) panel grille which will accept decorative panel inserts. Models 601R, 601RG and 601F are only available with the louvered grille. No panel grille option is available.
- All stainless steel models are offered in the classic stainless steel finish and in the premium finishes of platinum and carbon. Stainless steel models come with a standard 11" (279) heavy-duty grille, 1" (25) diameter stainless steel handles and a stainless steel kickplate.

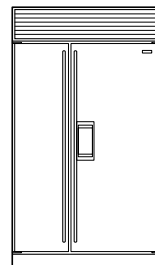
All grilles will be offered as options in 1" (25) increments from 10" (254) to 15" (381) and can be ordered as sales accessories.



Model 695/F
Framed



Model 695/O
Overlay



Model 695/S
Stainless Steel

BUILT-IN REFRIGERATION

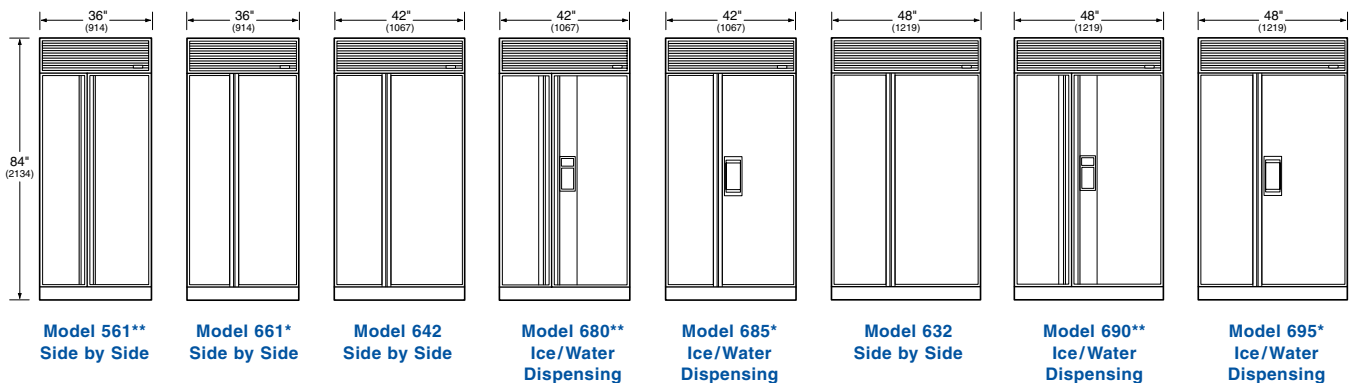
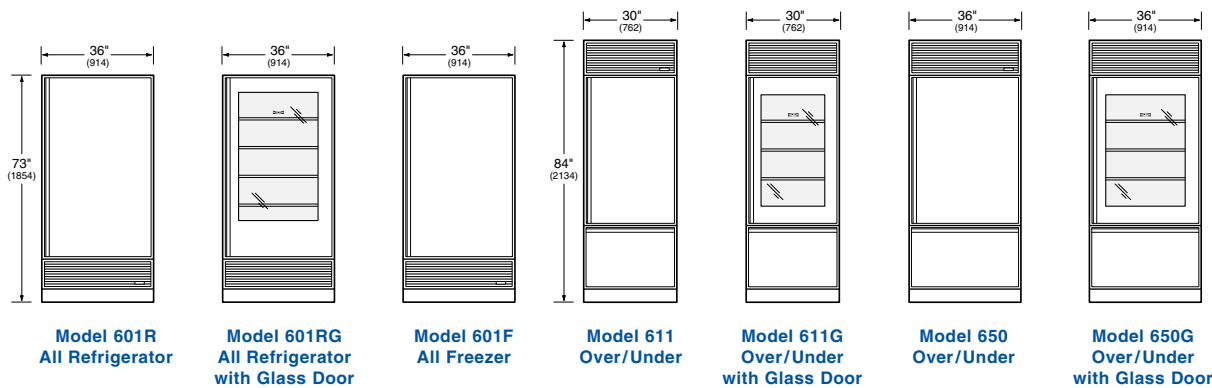
600 SERIES

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. Each of these three design options – framed, overlay and stainless steel – has specific installation requirements, which means it is vital that the unit match your planning and space needs. All Sub-Zero units will be shipped in a brown carton and labeled as the framed, overlay or stainless steel design application.

The illustrations below represent the full line of Sub-Zero 600 Series models, shown in the framed design application with louvered grille.

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

Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing all Sub-Zero products, call Sub-Zero Freezer Company at (800) 222-7820 or check our website at www.subzero.com.



*New models available summer 2004. **Discontinued summer 2004.

Dimensions in parentheses are in millimeters unless otherwise specified.

BUILT-IN REFRIGERATION

Model 601R

Energy Star Qualified

MODEL OPTIONS

601R/F Framed Design
601R/O Overlay Design
601R/S Classic Stainless
601R/P Platinum Stainless
601R/B Carbon Stainless

SPECIFICATIONS

All Refrigerator

36"W x 73"H x 24"D
(914 x 1854 x 610)

Refrigerator Capacity
19.9 cu ft (564 L)
Minimum Height Required
72³/₄" (1848)

Door Swing Clearance
36¹/₁₆" (916)
Specify LH or RH Door Swing

Annual Energy Usage
400 kWh / \$33*
Shipping Weight
391 lbs (177 kg) F/O
420 lbs (191 kg) S/P/B

FEATURES

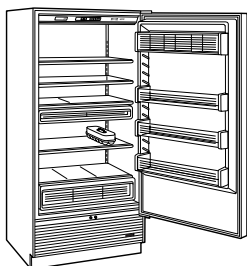
Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

**Annual energy costs are based on 8.29 cents per kilowatt hour.*

Dimensions in parentheses are in millimeters unless otherwise specified.

All units are shown in the framed design application with louvered grille.



Model 601R

Model 601RG

Energy Star Qualified

MODEL OPTIONS

601RG/F Framed Design
601RG/O Overlay Design
601RG/S Classic Stainless
601RG/P Platinum Stainless
601RG/B Carbon Stainless

SPECIFICATIONS

All Refrigerator with Glass Door

36"W x 73"H x 24"D
(914 x 1854 x 610)

Refrigerator Capacity
20.1 cu ft (569 L)
Minimum Height Required
72³/₄" (1848)

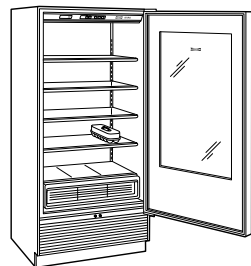
Door Swing Clearance
36¹/₁₆" (916)
Specify LH or RH Door Swing

Annual Energy Usage
402 kWh / \$33*
Shipping Weight
400 lbs (181 kg) F/O
430 lbs (195 kg) S/P/B

FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Triple Pane UV Resistant Low Energy Glass Door
Optional Roll-Out Deli Basket Available
Egg Container



Model 601RG

Model 601F

MODEL OPTIONS

601F/F Framed Design
601F/O Overlay Design
601F/S Classic Stainless
601F/P Platinum Stainless
601F/B Carbon Stainless

SPECIFICATIONS

All Freezer

36"W x 73"H x 24"D
(914 x 1854 x 610)

Freezer Capacity
19.3 cu ft (547 L)
Minimum Height Required
72³/₄" (1848)

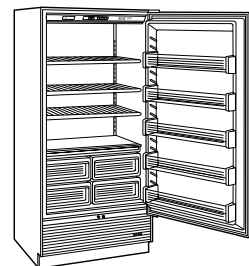
Door Swing Clearance
36¹/₁₆" (916)
Specify LH or RH Door Swing

Annual Energy Usage
742 kWh / \$62*
Shipping Weight
378 lbs (171 kg) F/O
406 lbs (184 kg) S/P/B

FEATURES

Freezer

Automatic Ice Maker
3 Adjustable Wire Shelves
1 Stationary Glass Shelf
3 Storage Drawers
5 Adjustable Door Shelves



Model 601F

Model 611

Energy Star Qualified

MODEL OPTIONS

611/F Framed Design
611/O Overlay Design
611/S Classic Stainless
611/P Platinum Stainless
611/B Carbon Stainless

SPECIFICATIONS

Over/Under

30"W x 84"H x 24"D
(762 x 2134 x 610)

Refrigerator Capacity
12.7 cu ft (360 L)
Freezer Capacity
3.9 cu ft (110 L)
Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
30¹/₈" (765)
Specify LH or RH Door Swing

Annual Energy Usage
465 kWh / \$39*
Shipping Weight
430 lbs (195 kg) F/O
462 lbs (210 kg) S/P/B

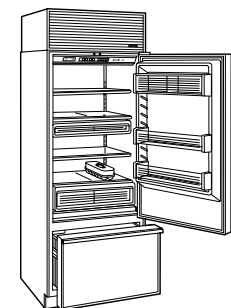
FEATURES

Refrigerator

3 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Adjustable Roll-Out Deli Basket
2 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
Two-Tier Pull-Out Drawer



Model 611

BUILT-IN REFRIGERATION

Model 611G

MODEL OPTIONS

611G/F Framed Design
611G/O Overlay Design
611G/S Classic Stainless
611G/P Platinum Stainless
611G/B Carbon Stainless

SPECIFICATIONS

Over/Under with Glass Door
30"W x 84"H x 24"D
(762 x 2134 x 610)
Refrigerator Capacity
12.9 cu ft (365 L)
Freezer Capacity
3.9 cu ft (110 L)
Minimum Height Required
82⁷/₈" (2105)
Door Swing Clearance
30¹/₈" (765)
Specify LH or RH Door Swing
Annual Energy Usage
548 kWh / \$45*
Shipping Weight
471 lbs (214 kg) F/O
476 lbs (216 kg) S/P/B

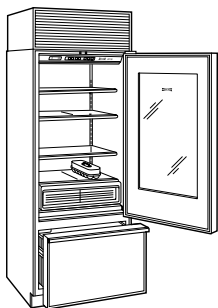
FEATURES

Refrigerator

3 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Triple Pane UV Resistant Low Energy Glass Door
Optional Roll-Out Deli Basket Available
Egg Container

Freezer

Automatic Ice Maker
Two-Tier Pull-Out Drawer



Model 611G

Model 650

Energy Star Qualified

MODEL OPTIONS

650/F Framed Design
650/O Overlay Design
650/S Classic Stainless
650/P Platinum Stainless
650/B Carbon Stainless

SPECIFICATIONS

Over/Under
36"W x 84"H x 24"D
(914 x 2134 x 610)
Refrigerator Capacity
15.7 cu ft (445 L)
Freezer Capacity
4.9 cu ft (139 L)
Minimum Height Required
82⁷/₈" (2105)
Door Swing Clearance
36¹/₁₆" (916)
Specify LH or RH Door Swing
Annual Energy Usage
483 kWh / \$40*
Shipping Weight
482 lbs (219 kg) F/O
515 lbs (234 kg) S/P/B

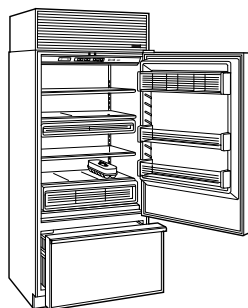
FEATURES

Refrigerator

3 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Adjustable Roll-Out Deli Basket
2 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
Two-Tier Pull-Out Drawer



Model 650

Model 650G

MODEL OPTIONS

650G/F Framed Design
650G/O Overlay Design
650G/S Classic Stainless
650G/P Platinum Stainless
650G/B Carbon Stainless

SPECIFICATIONS

Over/Under with Glass Door
36"W x 84"H x 24"D
(914 x 2134 x 610)
Refrigerator Capacity
16.0 cu ft (453 L)
Freezer Capacity
4.9 cu ft (139 L)
Minimum Height Required
82⁷/₈" (2105)
Door Swing Clearance
36¹/₁₆" (916)
Specify LH or RH Door Swing
Annual Energy Usage
569 kWh / \$47*
Shipping Weight
523 lbs (237 kg) F/O
529 lbs (240 kg) S/P/B

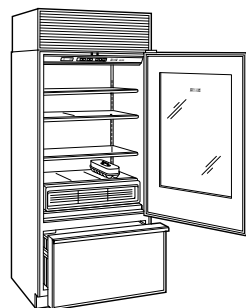
FEATURES

Refrigerator

3 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
Triple Pane UV Resistant Low Energy Glass Door
Optional Roll-Out Deli Basket Available
Egg Container

Freezer

Automatic Ice Maker
Two-Tier Pull-Out Drawer



Model 650G

Model 561

Discontinued Summer 2004

MODEL OPTIONS

561/F Framed Design
561/O Overlay Design
561/S Classic Stainless
561/P Platinum Stainless
561/B Carbon Stainless

SPECIFICATIONS

Side by Side
36"W x 84"H x 24"D
(914 x 2134 x 610)
Refrigerator Capacity
12.5 cu ft (354 L)
Freezer Capacity
8.8 cu ft (249 L)
Minimum Height Required
82⁷/₈" (2105)
Door Swing Clearance
20³/₄" (527)
Annual Energy Usage
640 kWh / \$53*
Shipping Weight
500 lbs (227 kg) F/O
538 lbs (244 kg) S/P/B

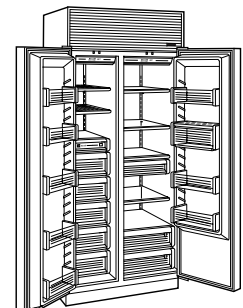
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
1 Storage Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Solid Shelf
4 Storage Drawers
5 Adjustable Door Shelves



Model 561

BUILT-IN REFRIGERATION

Model 661

Available Summer 2004

MODEL OPTIONS

661/F Framed Design
661/O Overlay Design
661/S Classic Stainless
661/P Platinum Stainless
661/B Carbon Stainless

SPECIFICATIONS

Side by Side

36"W x 84"H x 24"D
(914 x 2134 x 610)

Refrigerator Capacity
12.5 cu ft (354 L)

Freezer Capacity
8.8 cu ft (249 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
20³/₄" (527)

Annual Energy Usage
640 kWh / \$53*

Shipping Weight
500 lbs (227 kg) F/O
538 lbs (244 kg) S/P/B

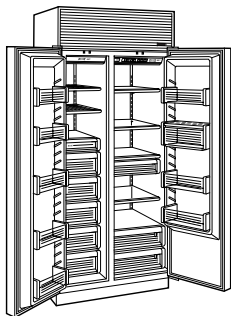
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
1 Storage Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Solid Shelf
4 Storage Drawers
5 Adjustable Door Shelves



Model 661

Model 642

MODEL OPTIONS

642/F Framed Design
642/O Overlay Design
642/S Classic Stainless
642/P Platinum Stainless
642/B Carbon Stainless

SPECIFICATIONS

Side by Side

42"W x 84"H x 24"D
(1067 x 2134 x 610)

Refrigerator Capacity
16.2 cu ft (459 L)

Freezer Capacity
8.2 cu ft (232 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
25⁹/₁₆" (649)

Annual Energy Usage
653 kWh / \$54*

Shipping Weight
541 lbs (245 kg) F/O
582 lbs (264 kg) S/P/B

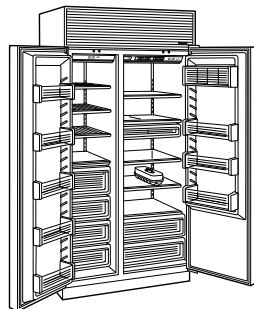
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
1 Storage Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
3 Adjustable Wire Shelves
1 Stationary Solid Shelf
3 Storage Drawers
5 Adjustable Door Shelves



Model 642

Model 680

Discontinued Summer 2004

MODEL OPTIONS

680/F Framed Design
680/S Classic Stainless

SPECIFICATIONS

Side by Side

Ice/Water Dispensing
42"W x 84"H x 24"D
(1067 x 2134 x 610)

Refrigerator Capacity
15.6 cu ft (442 L)

Freezer Capacity
8.2 cu ft (232 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
25⁹/₁₆" (649)

Annual Energy Usage
698 kWh / \$58*

Shipping Weight
569 lbs (258 kg) F
608 lbs (276 kg) S

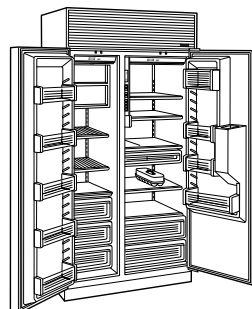
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
1 Storage Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Solid Shelf
3 Storage Drawers
5 Adjustable Door Shelves
2 Juice Can Shelves



Model 680

Model 685

Available Summer 2004

MODEL OPTIONS

685/F Framed or Partial Framed
685/O Overlay Design
685/S Classic Stainless

SPECIFICATIONS

Side by Side

Ice/Water Dispensing
42"W x 84"H x 24"D
(1067 x 2134 x 610)

Refrigerator Capacity
15.6 cu ft (442 L)

Freezer Capacity
8.2 cu ft (232 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
25⁹/₁₆" (649)

Annual Energy Usage
698 kWh / \$58*

Shipping Weight
569 lbs (258 kg) F/O
608 lbs (276 kg) S

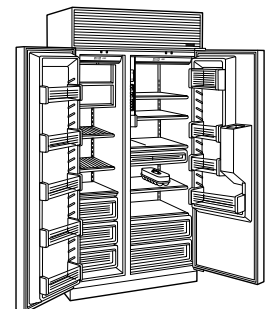
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
1 Storage Drawer
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Wire Shelf
3 Storage Drawers
5 Adjustable Door Shelves
2 Juice Can Shelves



Model 685

BUILT-IN REFRIGERATION

Model 632

MODEL OPTIONS

632/F Framed Design
632/O Overlay Design
632/S Classic Stainless
632/P Platinum Stainless
632/B Carbon Stainless

SPECIFICATIONS

Side by Side

48"W x 84"H x 24"D
(1219 x 2134 x 610)

Refrigerator Capacity
18.9 cu ft (535 L)

Freezer Capacity
9.8 cu ft (278 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
29¹/₄" (743)

Annual Energy Usage
679 kWh / \$56*

Shipping Weight
582 lbs (264 kg) F/O
630 lbs (286 kg) S/P/B

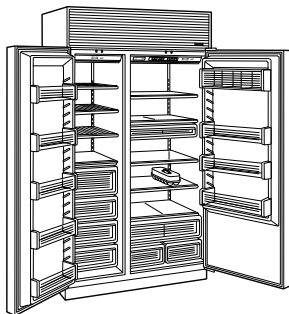
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
2 Storage Drawers
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
3 Adjustable Wire Shelves
1 Stationary Solid Shelf
3 Storage Drawers
5 Adjustable Door Shelves



Model 632

Model 690

Discontinued Summer 2004

MODEL OPTIONS

690/F Framed Design
690/S Classic Stainless

SPECIFICATIONS

Side by Side

Ice/Water Dispensing
48"W x 84"H x 24"D
(1219 x 2134 x 610)

Refrigerator Capacity
18.2 cu ft (515 L)

Freezer Capacity
9.8 cu ft (278 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
29¹/₄" (743)

Annual Energy Usage
751 kWh / \$62*

Shipping Weight
610 lbs (277 kg) F
656 lbs (298 kg) S

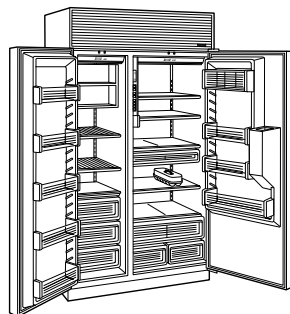
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
2 Storage Drawers
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Solid Shelf
3 Storage Drawers
5 Adjustable Door Shelves
2 Juice Can Shelves



Model 690

Model 695

Available Summer 2004

MODEL OPTIONS

695/F Framed or Partial Framed
695/O Overlay Design
695/S Classic Stainless

SPECIFICATIONS

Side by Side

Ice/Water Dispensing
48"W x 84"H x 24"D
(1219 x 2134 x 610)

Refrigerator Capacity
18.2 cu ft (515 L)

Freezer Capacity
9.8 cu ft (278 L)

Minimum Height Required
82⁷/₈" (2105)

Door Swing Clearance
29¹/₄" (743)

Annual Energy Usage
751 kWh / \$62*

Shipping Weight
610 lbs (277 kg) F/O
656 lbs (298 kg) S

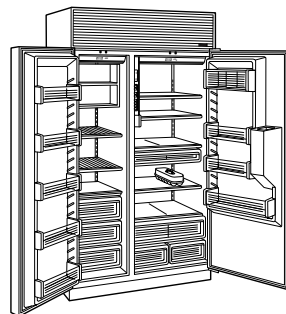
FEATURES

Refrigerator

4 Adjustable Glass Shelves
1 Stationary Glass Shelf
High Humidity Crisper Drawer
2 Storage Drawers
Adjustable Roll-Out Deli Basket
3 Adjustable Door Shelves
Adjustable Dairy Compartment
Egg Container

Freezer

Automatic Ice Maker
2 Adjustable Wire Shelves
1 Stationary Wire Shelf
3 Storage Drawers
5 Adjustable Door Shelves
2 Juice Can Shelves



Model 695

600
SERIES

* Annual energy costs are based on 8.29 cents per kilowatt hour.

Dimensions in parentheses are in millimeters unless otherwise specified.

All units are shown in the framed design application with louvered grille.

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.

New Models 661, 685 and 695 will replace Models 561, 680 and 690 in summer of 2004.

- Framed models for the classic look that made Sub-Zero famous, feature a louvered grille and elegant full-length handle. An optional panel grille is available for framed units, except for Models 601R, 601RG and 601F. Optional panel conversion kits are available for the new ice and water dispensing Models 685 and 695, framed application, see page 13 for details.
- Overlay models blend seamlessly into your overall room design and complement surrounding cabinetry. You get to add decorative hardware. Overlay models will come with a panel grille which will accept decorative panel inserts. Models 680 and 690 are not available in the overlay design application, however, the new ice and water dispensing Models 685 and 695 will offer the overlay application.
- Stainless steel models feature wrapped doors, 1" (25) diameter stainless steel handles and heavy-duty grille designed specifically to enhance the aesthetics of the professional look of kitchens today. All 600 Series stainless steel models are offered in the classic stainless steel finish and in the premium finishes of platinum and carbon, except for Models 680, 685, 690 and 695 which are offered in the classic stainless steel finish only. The premium finishes are treated as special orders and must be ordered 90 days before you expect delivery.

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.

Glass Door. Model 601RG is an all refrigerator unit featuring a glass door. Models 611G and 650G are over/under combination units where the refrigerator has a glass door. These glass door units come in framed, overlay and stainless steel designs, meet stringent energy requirements and are available in right-hand or left-hand door swing.

Ice and Water Dispensing. Models 680, 685, 690 and 695 feature a dispenser that gives you both ice and chilled water through the refrigerator door.

Fresh Food. High humidity crisper drawer is large and deep with smooth sides for easy cleaning. The drawer features removable dividers.

Electronic 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. The microprocessor gives you better control, automatic defrosting that senses, then adapts to your use patterns, and a vacuum condenser indicator light (except Model 561).

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

Door Shelves. All door shelves are adjustable for complete flexibility and convenience.

Spill-Proof Shelves. Cantilevered shelves make repositioning quick and easy. They are easy to clean and spill-proof. They're 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.

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

Energy Efficient. Our solid core doors improve insulation and structural integrity, and help us exceed tough DOE Energy Standards.

Kickplate. Solid, adjustable kickplate gives a true built-in look, and conforms to American Institute of Architects standards.

Sub-Zero Warranty. Like all Sub-Zero units, the 600 Series is covered by the Sub-Zero Freezer Company Products Limited Warranty, exclusions apply. See page 70 for details.

PLANNING INFORMATION

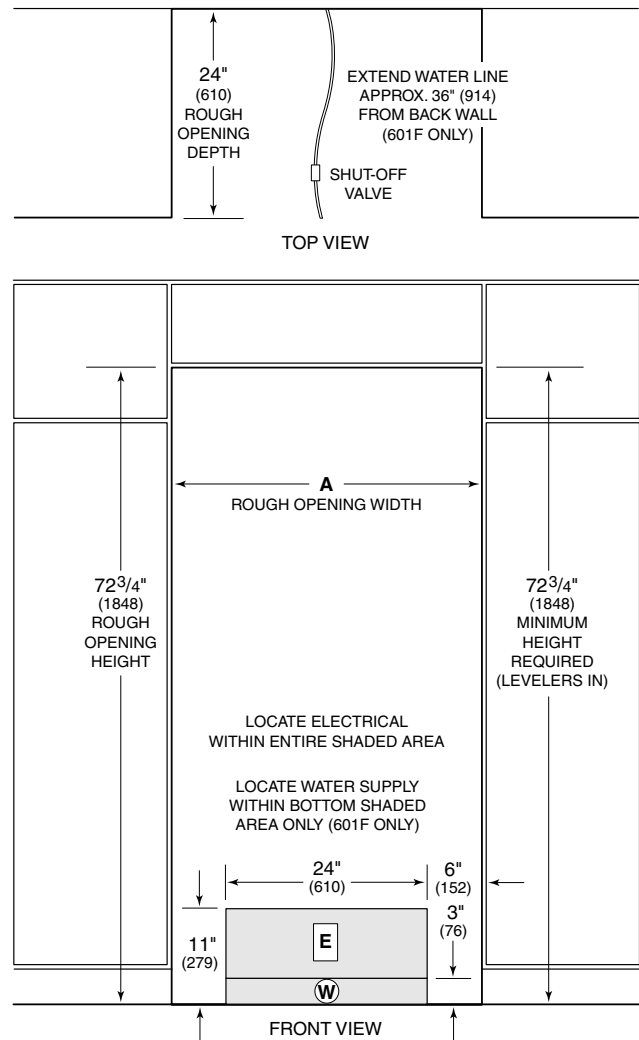
Although the 600 Series offers a wide range of designs and configurations, the basic planning considerations for all models have much in common. As you integrate Sub-Zero units into your overall plan, review installation requirements for your particular units. The Pre-Installation Specifications illustrations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

Allow door(s) to open a minimum of 90° or you'll have problems removing drawers. With the door opening at 90°, 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 3" (76) filler so that the door can open to 90°. If you're using raised panels, consider using a wider filler.
- When units are installed side by side, a filler strip is recommended. 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 opening dimension. In any side by side installation without a filler strip, add an additional 1/2" (13) to your combined numbers. This will allow for the proper width.

IMPORTANT NOTE: Refer to the full-scale illustrations at the end of this section for specifics on door openings and filler size alternatives.

PRE-INSTALLATION SPECIFICATIONS



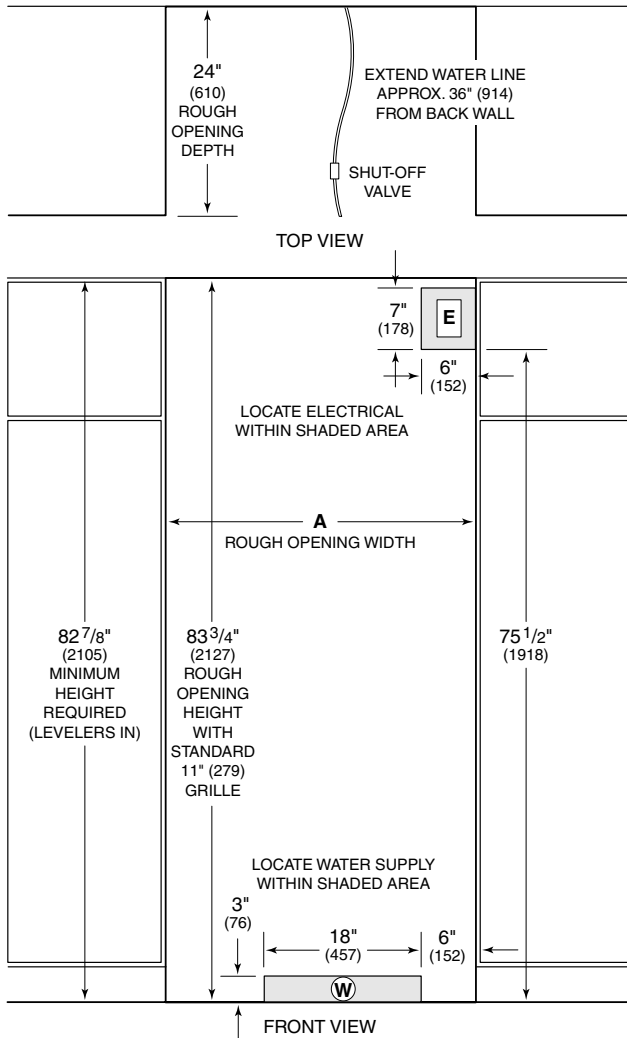
Pre-Installation Specifications – Models 601R, 601RG and 601F

	Finished Rough Opening Width (A)	Minimum Door Clearance (B)
Model 601R	35 1/2" (902)	36 1/16" (916)
Model 601RG	35 1/2" (902)	36 1/16" (916)
Model 601F	35 1/2" (902)	36 1/16" (916)

Dimensions in parentheses are in millimeters unless otherwise specified.

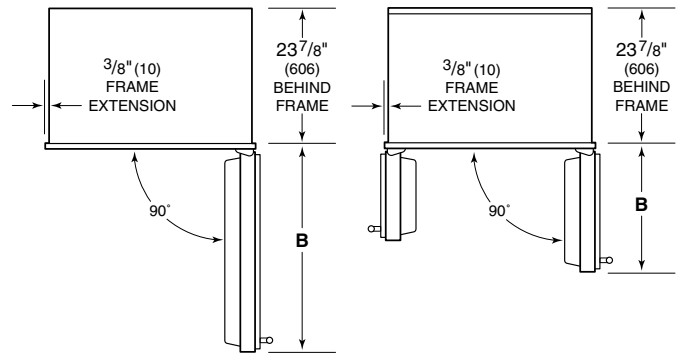
BUILT-IN REFRIGERATION

PRE-INSTALLATION SPECIFICATIONS



Pre-Installation Specifications –
Models 611, 611G, 650, 650G, 561, 661, 642, 680, 685, 632, 690 and 695

MINIMUM DOOR CLEARANCE AT 90°



Models 601R, 601RG, 601F, 611, 611G, 650 and 650G

Models 561, 661, 642, 680, 685, 632, 690 and 695

	Finished Rough Opening Width (A)	Minimum Door Clearance (B)
Model 611	29 1/2" (749)	30 1/8" (765)
Model 611G	29 1/2" (749)	30 1/8" (765)
Model 650	35 1/2" (902)	36 1/16" (916)
Model 650G	35 1/2" (902)	36 1/16" (916)
Model 561	35 1/2" (902)	20 3/4" (527)
Model 661	35 1/2" (902)	20 3/4" (527)
Model 642	41 1/2" (1054)	25 9/16" (649)
Model 680	41 1/2" (1054)	25 9/16" (649)
Model 685	41 1/2" (1054)	25 9/16" (649)
Model 632	47 1/2" (1207)	29 1/4" (743)
Model 690	47 1/2" (1207)	29 1/4" (743)
Model 695	47 1/2" (1207)	29 1/4" (743)

Dimensions in parentheses are in millimeters unless otherwise specified.

INTEGRATING CABINETRY

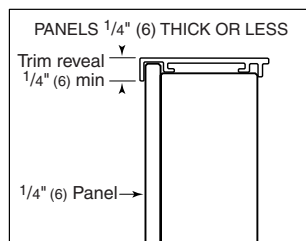
In your plan for panels, be sure you are working with the Sub-Zero panel design family called for in your design. If you have chosen the stainless steel design, the unit will be shipped complete with wrapped stainless steel doors and handle hardware. You will not have to install panels.

FRAMED DOOR PANELS

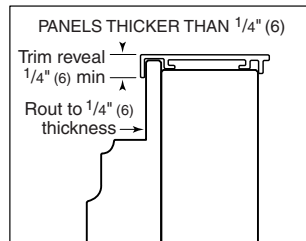
If you and your client have ordered a framed design model, you will be adding panels to give the unit the custom Sub-Zero look. For exact door panel dimensions for 600 Series framed units, refer to the Framed Panel Specifications chart and illustrations on the following page. Also refer to the full-scale illustrations at the end of this section for panel and handle considerations.

The traditional framed units come with an elegant smooth full-length handle. Optional extended full-length handles which provide additional finger clearance for raised panels, are available through your Sub-Zero dealer.

If the thickness of the custom panels is less than 1/4" (6), they must be backed up with a sheet of shim material to build the total thickness to 1/4" (6). If the panel is thicker than 1/4" (6), an edge must be routed around the panel to ensure a proper fit. Refer to illustrations 1 and 2.



Illus. 1



Illus. 2

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 at the end of this section.

IMPORTANT NOTE: The weight of each panel cannot exceed 50 lbs (23 kg).

For glass door Models 601RG, 611G and 650G, the refrigerator door panel must include a cut-out to accommodate the window. Refer to the Framed Panel Specifications chart and illustrations on the following page.

IMPORTANT NOTE: On glass door models, the glass portion of the door must be exposed and not covered by any part of the panel.

For Models 685 and 695, the refrigerator door panel must include a cut-out to accommodate the glasswell and bezel. The thickness of the panel in this area can range from 1/4" (6) to a maximum of 1-1/8" (29). If the panel is thicker, provisions must be made to rout out a space to accommodate the decorative bezel surrounding the glasswell.

For Models 685 and 695, adequate clearance under the refrigerator door handle is required to assure proper access to the glasswell. Refer to the full-scale illustration at the end of this section for the proper mounting placement of the refrigerator door handle.

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

BUILT-IN REFRIGERATION

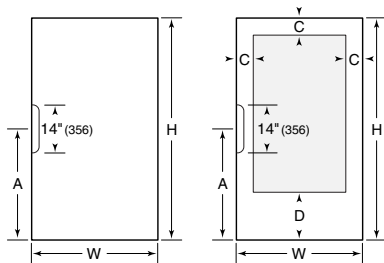
FRAMED PANEL SPECIFICATIONS

Model	Framed Refrigerator Panel (W) (H)		Framed Freezer Panel (W) (H)		Raised Panel Handle Recess (A) (B)	
601R / 601RG	34 ¹ / ₈ " (867)	58 ¹⁵ / ₁₆ " (1497)			29 ¹⁵ / ₃₂ " (749)	
601F			34 ¹ / ₈ " (867)	58 ¹⁵ / ₁₆ " (1497)	29 ¹⁵ / ₃₂ " (749)	
611 / 611G	28 ¹ / ₈ " (714)	48 ¹ / ₁₆ " (1221)	28 ¹ / ₈ " (714)	18 ³ / ₈ " (467)	24 ¹ / ₃₂ " (610)	14 ¹ / ₁₆ " (357)
650 / 650G	34 ¹ / ₈ " (867)	48 ¹ / ₁₆ " (1221)	34 ¹ / ₈ " (867)	18 ³ / ₈ " (467)	24 ¹ / ₃₂ " (610)	17 ¹ / ₁₆ " (433)
561 / 661	19 ¹ / ₈ " (486)	67 ¹¹ / ₁₆ " (1719)	14 ⁵ / ₈ " (371)	67 ¹¹ / ₁₆ " (1719)	38 ⁵ / ₃₂ " (969)	
642	24" (610)	67 ¹¹ / ₁₆ " (1719)	15 ⁵ / ₈ " (397)	67 ¹¹ / ₁₆ " (1719)	38 ⁵ / ₃₂ " (969)	
680	16 ⁷ / ₈ " (429)	67 ¹¹ / ₁₆ " (1719)	12 ¹³ / ₁₆ " (325)	67 ¹¹ / ₁₆ " (1719)		
685	24" (610)	67 ¹¹ / ₁₆ " (1719)	15 ⁵ / ₈ " (397)	67 ¹¹ / ₁₆ " (1719)		
685 (Partial Framed)	15 ⁵ / ₈ " (397)	67 ¹¹ / ₁₆ " (1719)	15 ⁵ / ₈ " (397)	67 ¹¹ / ₁₆ " (1719)		
632	27 ¹¹ / ₁₆ " (703)	67 ¹¹ / ₁₆ " (1719)	17 ¹⁵ / ₁₆ " (456)	67 ¹¹ / ₁₆ " (1719)	38 ⁵ / ₃₂ " (969)	
690	20 ⁹ / ₁₆ " (522)	67 ¹¹ / ₁₆ " (1719)	15 ¹ / ₈ " (384)	67 ¹¹ / ₁₆ " (1719)		
695	27 ¹¹ / ₁₆ " (703)	67 ¹¹ / ₁₆ " (1719)	17 ¹⁵ / ₁₆ " (456)	67 ¹¹ / ₁₆ " (1719)		
695 (Partial Framed)	17 ¹⁵ / ₁₆ " (456)	67 ¹¹ / ₁₆ " (1719)	17 ¹⁵ / ₁₆ " (456)	67 ¹¹ / ₁₆ " (1719)		

Window Cut-out Location	(C)	(D)
601RG	4 ³ / ₈ " (111)	13 ³ / ₈ " (340)
611G / 650G	4 ³ / ₈ " (111)	4 ³ / ₈ " (111)

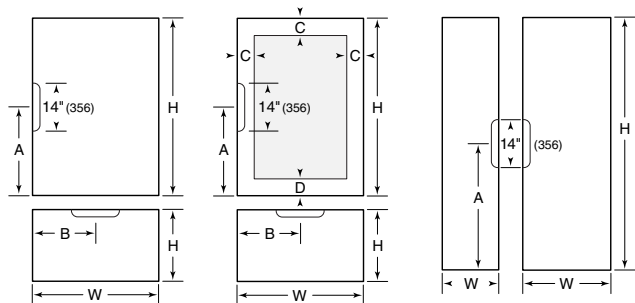
Window Cut-out Dimensions

601RG	25 ³ / ₈ " (645) W x 41 ³ / ₁₆ " (1046) H
611G	19 ³ / ₈ " (492) W x 39 ⁵ / ₁₆ " (999) H
650G	25 ³ / ₈ " (645) W x 39 ⁵ / ₁₆ " (999) H



Models 601R and 601F

Model 601RG



Models 611 and 650

Models 611G and 650G

Models 561, 661, 642
and 632

Trim Panel Dimension

680 / 690 (Panel E)	6 ⁷ / ₈ " (175) W x 25 ⁷ / ₃₂ " (641) H
680 / 690 (Panel F)	6 ⁷ / ₈ " (175) W x 31 ⁷ / ₃₂ " (793) H
680 / 690 (Panel G)	2 ⁹ / ₁₆ " (65) W x 67 ¹¹ / ₁₆ " (1719) H

NOTE: Trim panels are .05" (1) thick.

Glasswell Cut-out Location	(I)	(J)
685 / 695	1 ⁹ / ₁₆ " (39)	28 ⁹ / ₁₆ " (726)

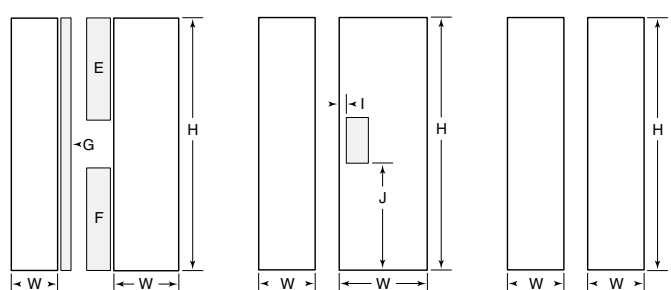
Glasswell Cut-out Dimensions

685 / 695	5 ⁷ / ₈ " (150) W x 12 ⁷ / ₁₆ " (315) H
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NOTE: Dimensions in parentheses are in millimeters.

NOTE: Panel specifications are for 600 Series framed (F) models.

NOTE: For Models 685 and 695, panel thickness in the glasswell area can range from 1/4" (6) to a maximum of 1-1/8" (29). If the panel is thicker, you must rout out a minimum 1/4" (6) flat landing area to accommodate the bezel surrounding the glasswell.



Models 680 and 690

Models 685 and 695

Models 685 and 695
Partial Framed

GLASSWELL PANEL OPTIONS – MODELS 685 AND 695

If you choose not to use custom wood panels above or below the glasswell for Model 685 or 695 framed application, a stainless steel insert panel will be provided with the partial framed accessory kit. This accessory kit (FRAMPAR), available through your Sub-Zero dealer, includes molding and a stainless steel insert panel for above and below the glasswell on a framed unit.

With the framed retrofit accessory kit, existing Model 680 or 690 door panels can be used on a new Model 685 or 695 framed unit. This accessory kit (FRAMRET), available through your Sub-Zero dealer, includes moldings and stainless steel insert panels to accommodate existing Model 680 or 690 framed door panels.

OPTIONAL PANEL GRILLE – FRAMED APPLICATION

An 11" (279) louvered grille is standard on framed applications. Optional louvered grilles are available in 1" (25) height increments from 10" (254) to 15" (381).

You may choose 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, 601RG and 601F. The sizes for the panel insert are listed in the following chart.

The widths on all of the specific panel grilles will be the same, regardless of height, for each model. The various heights of each of the grilles are shown next to the corresponding grille panel height. Combine the grille panel height with the grille panel width that corresponds to your model and you will have the panel size.

Model	Grille Panel Width (W)
611 / 611G	28 ³ / ₁₆ " (716)
650 / 650G	34 ³ / ₁₆ " (868)
561 / 661	34 ³ / ₁₆ " (868)
642 / 680 / 685	40 ³ / ₁₆ " (1021)
632 / 690 / 695	46 ³ / ₁₆ " (1173)

Grille Height	Grille Panel Height (H)
10" Grille	8 ¹⁵ / ₁₆ " (227)
11" Grille	9 ¹⁵ / ₁₆ " (252)
12" Grille	10 ¹⁵ / ₁₆ " (278)
13" Grille	11 ¹⁵ / ₁₆ " (303)
14" Grille	12 ¹⁵ / ₁₆ " (329)
15" Grille	13 ¹⁵ / ₁₆ " (354)

BUILT-IN REFRIGERATION

OVERLAY PANEL SPECIFICATIONS

Refrigerator Panels Model	Refrigerator Overlay Panel (W) (H)		Refrigerator Spacer Panel (W) (H)		Refrigerator Backer Panel (W) (H)	
601R / 601RG	34 ⁷ / ₁₆ " (875)	59 ³ / ₄ " (1518)	33 ¹ / ₂ " (851)	58 ⁵ / ₁₆ " (1481)	34 ¹ / ₈ " (867)	58 ¹⁵ / ₁₆ " (1497)
611 / 611G	28 ⁷ / ₁₆ " (722)	48 ⁷ / ₈ " (1241)	27 ¹ / ₂ " (699)	47 ⁷ / ₁₆ " (1205)	28 ¹ / ₈ " (714)	48 ¹ / ₁₆ " (1221)
650 / 650G	34 ⁷ / ₁₆ " (875)	48 ⁷ / ₈ " (1241)	33 ¹ / ₂ " (851)	47 ⁷ / ₁₆ " (1205)	34 ¹ / ₈ " (867)	48 ¹ / ₁₆ " (1221)
561 / 661	19 ⁷ / ₁₆ " (494)	68" (1727)	18 ¹ / ₂ " (470)	67 ¹ / ₁₆ " (1703)	19 ¹ / ₈ " (486)	67 ¹¹ / ₁₆ " (1719)
642 / 685	24 ⁵ / ₁₆ " (618)	68" (1727)	23 ³ / ₈ " (594)	67 ¹ / ₁₆ " (1703)	24" (610)	67 ¹¹ / ₁₆ " (1719)
632 / 695	28" (711)	68" (1727)	27 ¹ / ₁₆ " (687)	67 ¹ / ₁₆ " (1703)	27 ¹¹ / ₁₆ " (703)	67 ¹¹ / ₁₆ " (1719)

Freezer Panels Model	Freezer Overlay Panel (W) (H)		Freezer Spacer Panel (W) (H)		Freezer Backer Panel (W) (H)	
601F	34 ⁷ / ₁₆ " (875)	59 ³ / ₄ " (1518)	33 ¹ / ₂ " (851)	58 ⁵ / ₁₆ " (1481)	34 ¹ / ₈ " (867)	58 ¹⁵ / ₁₆ " (1497)
611 / 611G	28 ⁷ / ₁₆ " (722)	18 ¹¹ / ₁₆ " (475)	27 ¹ / ₂ " (699)	17 ³ / ₄ " (451)	28 ¹ / ₈ " (714)	18 ³ / ₈ " (467)
650 / 650G	34 ⁷ / ₁₆ " (875)	18 ¹¹ / ₁₆ " (475)	33 ¹ / ₂ " (851)	17 ³ / ₄ " (451)	34 ¹ / ₈ " (867)	18 ³ / ₈ " (467)
561 / 661	14 ¹⁵ / ₁₆ " (379)	68" (1727)	14" (356)	67 ¹ / ₁₆ " (1703)	14 ⁵ / ₈ " (371)	67 ¹¹ / ₁₆ " (1719)
642 / 685	15 ¹⁵ / ₁₆ " (405)	68" (1727)	15" (381)	67 ¹ / ₁₆ " (1703)	15 ⁵ / ₈ " (397)	67 ¹¹ / ₁₆ " (1719)
632 / 695	18 ¹ / ₄ " (464)	68" (1727)	17 ⁵ / ₁₆ " (440)	67 ¹ / ₁₆ " (1703)	17 ¹⁵ / ₁₆ " (456)	67 ¹¹ / ₁₆ " (1719)

NOTE: Refer to illustration 4 on the following page for additional overlay panel dimensions.

Window Cutout Location	(C)	(D)
601RG	4 ¹ / ₂ " (114)	14" (356)
611G / 650G	4 ¹ / ₂ " (114)	5" (127)

Window Cutout Dimensions

Model 601RG	25 ⁷ / ₁₆ " (646) W x 41 ¹ / ₄ " (1048) H
Model 611G	19 ⁷ / ₁₆ " (494) W x 39 ³ / ₈ " (1000) H
Model 650G	25 ⁷ / ₁₆ " (646) W x 39 ³ / ₈ " (1000) H

NOTE: Overlay panel design is not available for Model 680 or 690.

NOTE: Dimensions in parentheses are in millimeters.

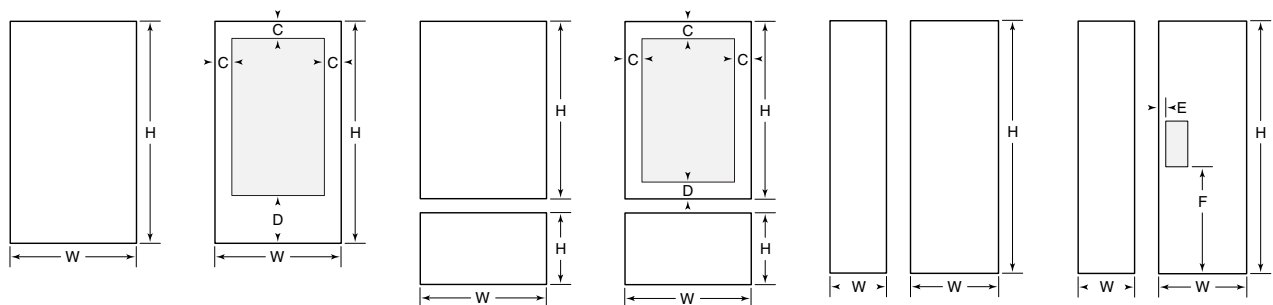
NOTE: Panel specifications are for 600 Series overlay (O) models.

Glasswell Cut-out Location	(E)	(F)
685 / 695 (Door Panel)	1 ¹¹ / ₁₆ " (43)	28 ³ / ₄ " (730)
685 / 695 (Spacer Panel)	1 ¹ / ₄ " (31)	28 ¹ / ₄ " (718)
685 / 695 (Backer Panel)	1 ⁹ / ₁₆ " (39)	28 ⁹ / ₁₆ " (726)

Glasswell Cut-out Dimensions

685 / 695	5 ⁷ / ₈ " (150) W x 12 ⁷ / ₁₆ " (315) H
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NOTE: For Models 685 and 695, panel thickness in the glasswell area can range from 1/4" (6) to a maximum of 1-1/8" (29). If the panel is thicker, you must rout out a minimum 1/4" (6) flat landing area to accommodate the bezel surrounding the glasswell.



Models 601R and 601F

Model 601RG

Models 611 and 650

Models 611G and 650G

Models 561, 661, 642 and 632

Models 685 and 695

OVERLAY DOOR PANELS

If you and your client have ordered an overlay design model, you will be adding panels to give the unit the custom Sub-Zero look. For exact door panel dimensions for 600 Series overlay units, refer to the Overlay Panel Specifications chart and illustrations on the previous page. The overlay panel design option is available on all 600 Series units except Models 680 and 690.

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 0.10" (3) spacer panel and a 1/4" (6) backer panel. Depending on your cabinet manufacturer, this could be one panel routed for different dimensions or more likely, three different panels.

Regardless of the physical construction of the panels (routing or three panel assembly), you will need to follow the Overlay Panel Specifications charts and illustrations for exact sizing and panel placement to ensure a proper fit.

Illustration 3 is a cross section view of the three panel assembly showing placement of the door/drawer/grille trim. Illustration 4 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 lbs (23 kg). The total thickness of all panels for an overlay model must be at least 5/8" (16) thick.

IMPORTANT NOTE: Keep in mind that the Sub-Zero door panels have the potential for hitting adjacent cabinets and/or countertops when they are opened. You need to be aware of your surrounding cabinetry and space limitations. Refer to the full-scale illustrations at the end of this section.

Overlay panels for Models 601R, 601RG, 601F, 611, 611G, 650 and 650G will require a recessed area to prevent the unit's lower hinge plate from hitting the door panel. Refer to illustration 5 below.

⚠ CAUTION

Do not exceed the overlay decorative panel dimensions listed for Models 611, 611G, 650 or 650G. 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 unit.

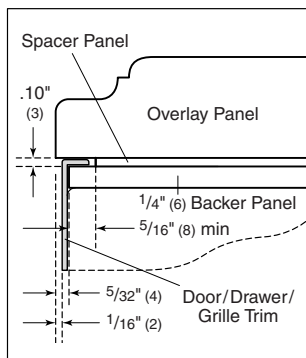
For glass door Models 601RG, 611G and 650G, the refrigerator door panel must include a cut-out to accommodate the window. Refer to the Overlay Panel Specifications chart and illustrations on the previous page.

IMPORTANT NOTE: On glass door models, the glass portion of the door must be exposed and not covered by any part of the panel.

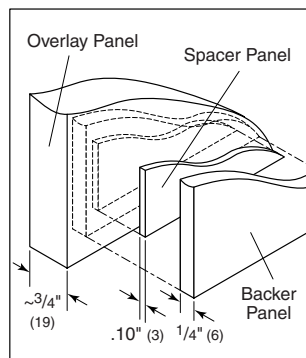
For Models 685 and 695, the refrigerator door panel must include a cut-out to accommodate the glasswell and bezel. The thickness of the panel in this area can range from 1/4" (6) to a maximum of 1-1/8" (29). If the panel is thicker, provisions must be made to rout out a space to accommodate the decorative bezel surrounding the glasswell.

For Models 685 and 695, adequate clearance under the refrigerator door handle is required to assure proper access to the glasswell. Refer to the full-scale illustration at the end of this section for the proper mounting placement of the refrigerator door handle.

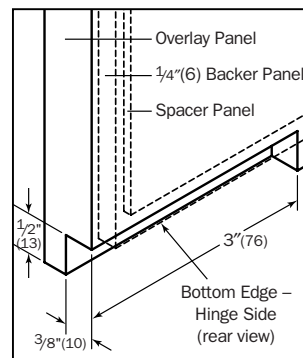
To install overlay panels, see the detailed procedures outlined in the Sub-Zero 600 Series Installation Guide.



Illus. 3



Illus. 4



Illus. 5

Dimensions in parentheses are in millimeters unless otherwise specified.

OVERLAY GRILLE PANELS

Overlay grille panels match the design of the door panels. This option is available on all 600 Series units except Models 601R, 601RG and 601F. Keep in mind that the overlay door 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 charts below for panel specifics. Also refer to illustration 4 on the previous page for additional overlay panel dimensions.

Model	Overlay Panel (W)	Spacer Panel (W)	Backer Panel (W)
611 / 611G	28 ⁷ / ₁₆ " (722)	27 ¹ / ₂ " (699)	28 ³ / ₁₆ " (716)
650 / 650G	34 ⁷ / ₁₆ " (875)	33 ¹ / ₂ " (851)	34 ³ / ₁₆ " (868)
561 / 661	34 ⁷ / ₁₆ " (875)	33 ¹ / ₂ " (851)	34 ³ / ₁₆ " (868)
642	40 ⁷ / ₁₆ " (1027)	39 ¹ / ₂ " (1003)	40 ³ / ₁₆ " (1021)
680 / 685	40 ⁷ / ₁₆ " (1027)	39 ¹ / ₂ " (1003)	40 ³ / ₁₆ " (1021)
632	46 ⁷ / ₁₆ " (1180)	45 ¹ / ₂ " (1156)	46 ³ / ₁₆ " (1173)
690 / 695	46 ⁷ / ₁₆ " (1180)	45 ¹ / ₂ " (1156)	46 ³ / ₁₆ " (1173)

Grille Height	Overlay Panel (H)	Spacer Panel (H)	Backer Panel (H)
10" Grille	9 ¹ / ₄ " (235)	8 ⁵ / ₁₆ " (211)	8 ¹⁵ / ₁₆ " (227)
11" Grille*	10 ¹ / ₄ " (260)	9 ⁵ / ₁₆ " (237)	9 ¹⁵ / ₁₆ " (252)
12" Grille	11 ¹ / ₄ " (286)	10 ⁵ / ₁₆ " (262)	10 ¹⁵ / ₁₆ " (278)
13" Grille	12 ¹ / ₄ " (311)	11 ⁵ / ₁₆ " (287)	11 ¹⁵ / ₁₆ " (303)
14" Grille	13 ¹ / ₄ " (337)	12 ⁵ / ₁₆ " (313)	12 ¹⁵ / ₁₆ " (329)
15" Grille	14 ¹ / ₄ " (362)	13 ⁵ / ₁₆ " (338)	13 ¹⁵ / ₁₆ " (354)

*The 11" (279) high grille is standard on overlay models.

⚠ 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.

Dimensions in parentheses are in millimeters unless otherwise specified.

HARDWARE CONSIDERATIONS

Overlay units come without handle hardware. The beauty of this design is that you can match the surrounding cabinet hardware. You or the cabinet manufacturer must provide handle hardware to match the overall decor. However, you can order handles from Sub-Zero as optional accessories.

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

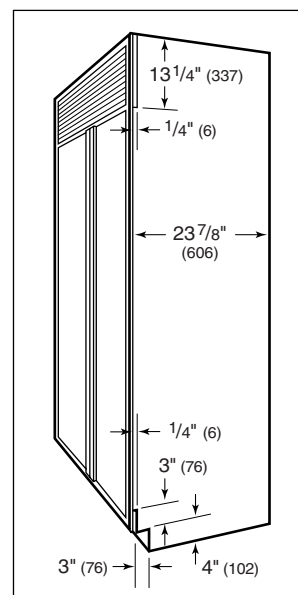
IMPORTANT NOTE: Sub-Zero does not recommend using single pull knobs on any of its 600 Series units.

Optional stainless steel handles are available in a variety of diameters and lengths, as well as handles to match the color and style of Wolf ovens. Contact your Sub-Zero dealer for specifics.

Refer to the full-scale illustrations at the end of this section for handle hardware considerations.

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 5 for placement of cut-outs around the kickplate and grille area and remember that the dimension to the back of the main frame is 23-7/8" (606).



PLUMBING

For units with an automatic ice maker, rough in the water supply line. Connect a 1/4" 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 number 4200880) is available from your Sub-Zero dealer.

IMPORTANT NOTE: A line filter is required when water conditions have a high sediment content. The ice maker operates on water pressure of 20 psi (1.4 bar) to 100 psi (6.9 bar). In some cases a reverse osmosis water filter system may not be able to maintain the minimum water pressure consistently.

The water line should be routed up through the floor within 1/2" (13) from the back wall and no higher than 3" (76) off the floor. If you have to come through the wall, make sure the water line is no more than 3" (76) from the floor.

Regardless of the routing, allow 3' (1 m) of excess copper tubing to remain outside the wall or floor for easy connection to the unit. Refer to the Pre-Installation Specifications illustrations and charts on pages 11 and 12 for exact specifications.

ELECTRICAL

A 115 volt, 60 Hz, 15-amp electrical supply is required. The supply circuit for this appliance must be protected by a 15-amp fuse or circuit breaker. It is recommended that a separate circuit, serving only this appliance, be provided.

All Sub-Zero 600 Series units are equipped with a 6' (1.8 m) 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 the Pre-Installation Specifications illustrations and charts on pages 11 and 12 for exact specifications.

ANTI-TIP BLOCKING KIT

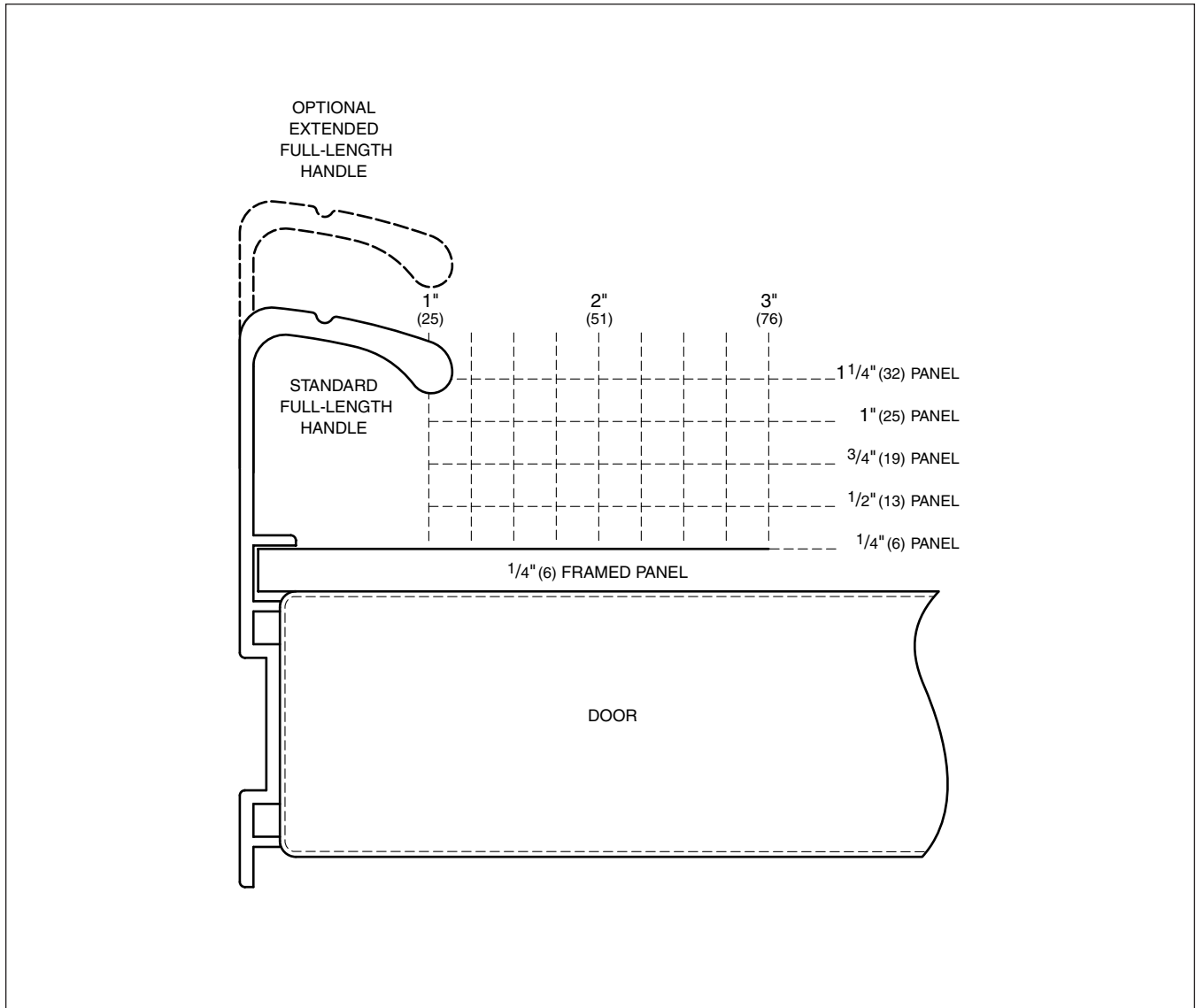
To prevent the unit from tipping forward and provide a stable installation, the unit must be secured in place with an anti-tip blocking kit. If there is a solid soffit above the unit with clearance between the unit and the soffit of 1" (25) or less, you won't need to block the unit. But for installations with clearances of more than 1" (25), **you must block the unit** with the anti-tip blocking kit (wood block and hardware) provided with each Sub-Zero 600 Series unit. Refer to the 600 Series Installation Guide packed with the appliance, which provides step-by-step procedures for making sure the unit is installed properly.

SERVICE INFORMATION

If your client needs service, advise them to locate the model and serial number on the plate at the top frame of the unit inside the door. Also advise your client to fill out product registration forms and return to the factory, to assure the customer is in our database. Contact a Sub-Zero Factory Authorized Service Center, your dealer, or Sub-Zero Freezer Company, Customer Service Department, at PO Box 44130, Madison, WI 53744-4130, call (800) 222-7820, or e-mail us at customerservice@subzero.com.

BUILT-IN REFRIGERATION

PANEL AND HANDLE PROFILE – FRAMED APPLICATION



FULL-SCALE TEMPLATES

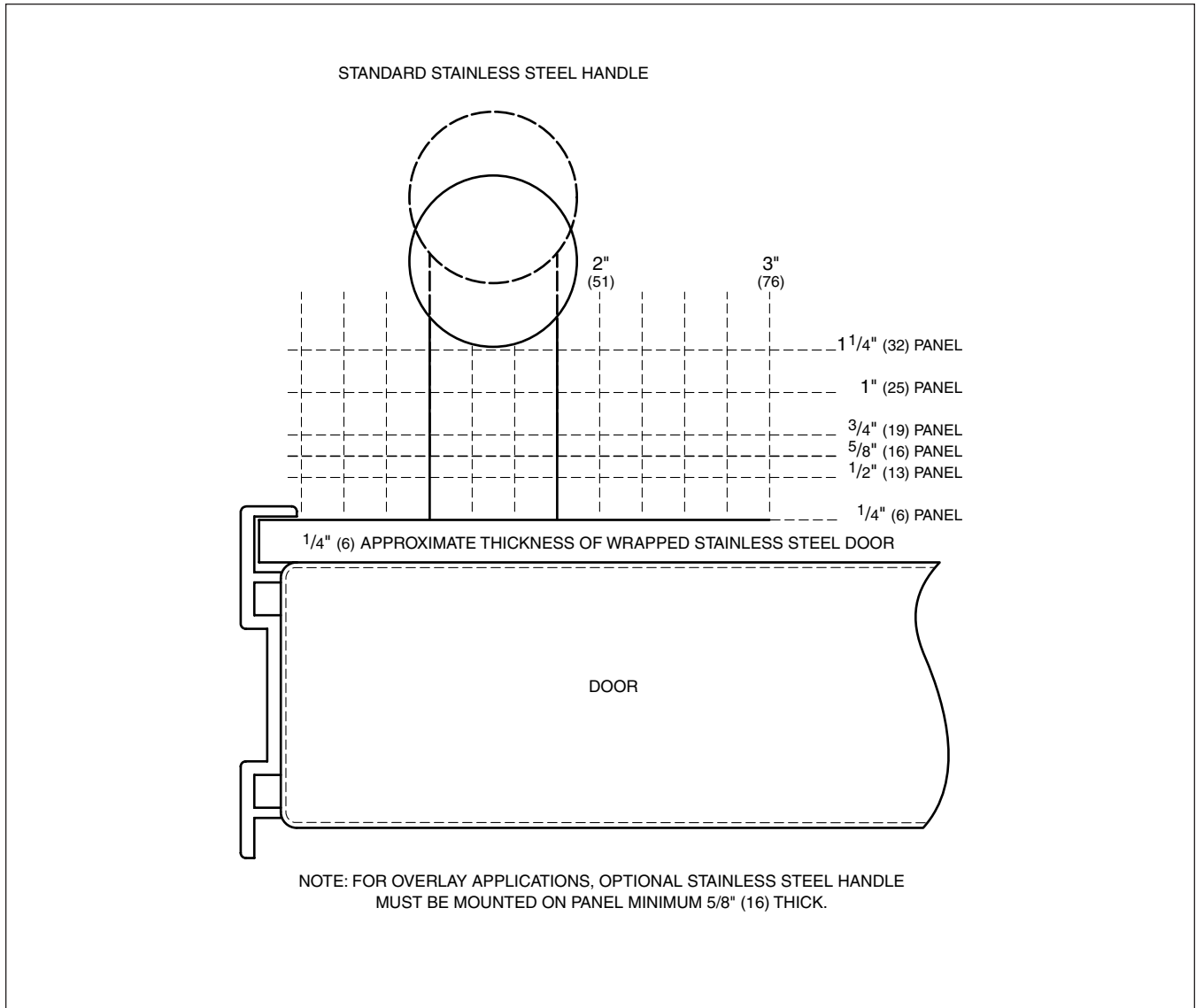
The full-scale illustrations on the following pages enable you to understand some of the unique situations you may face as you plan for the installation of the 600 Series units. Use these illustrations as templates for panel and handle hardware considerations.

The full-scale illustration above shows handle placement for the framed application standard full-length handle and the optional extended full-length handle shown in the dashed line.

Dimensions in parentheses are in millimeters unless otherwise specified.

BUILT-IN REFRIGERATION

PANEL AND HANDLE PROFILE – OVERLAY AND STAINLESS STEEL APPLICATIONS



The full-scale illustration above shows handle placement for the standard stainless steel handle on the wrapped stainless steel door and on overlay panel applications shown in the dashed line.

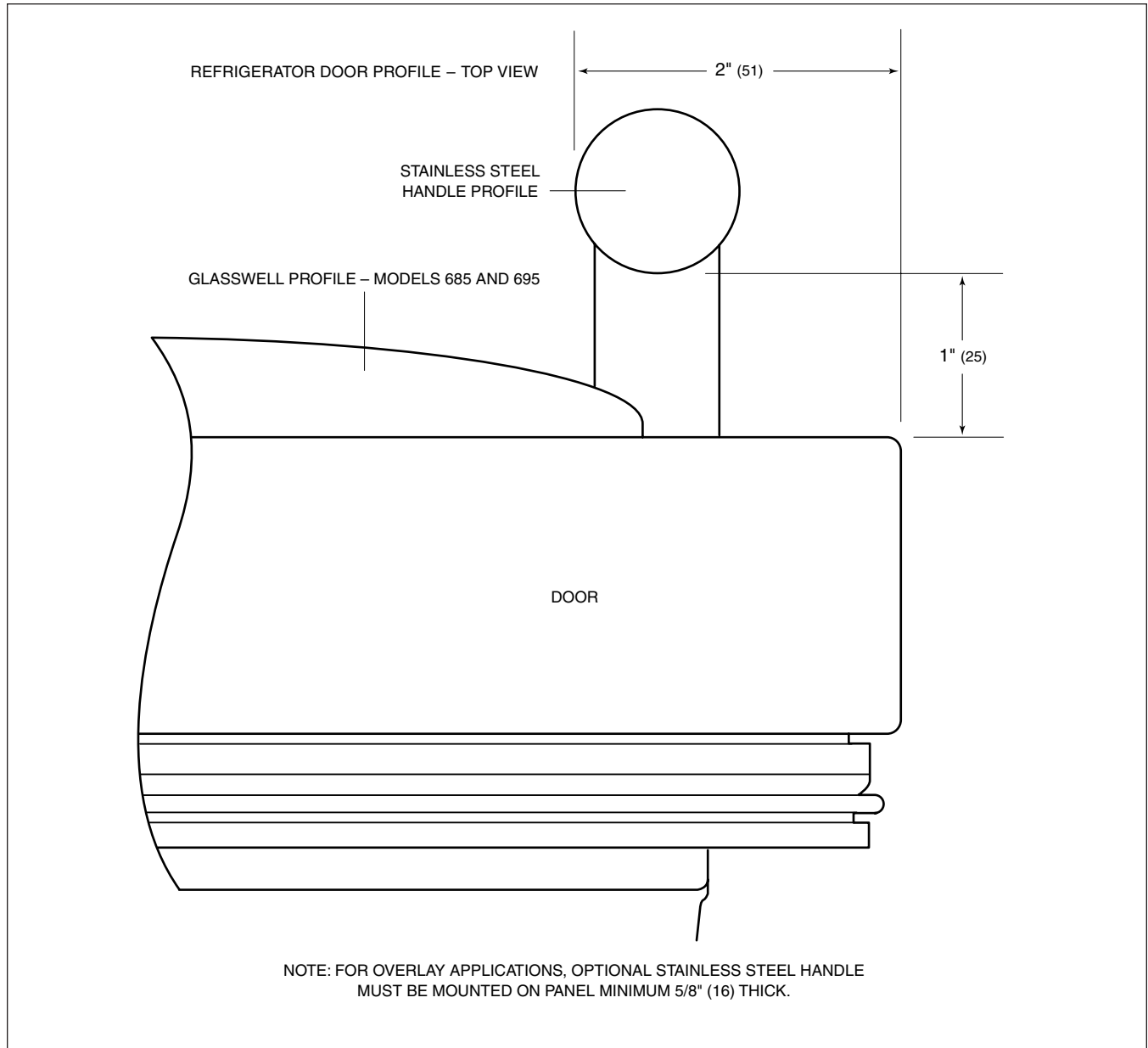
IMPORTANT NOTE: For overlay applications, the optional stainless steel handle must be mounted on a minimum 5/8" (16) thick panel.

For overlay applications, mount door handles close to the opening edge of the door for ease of opening.

Dimensions in parentheses are in millimeters unless otherwise specified.

BUILT-IN REFRIGERATION

HANDLE PLACEMENT FOR MODELS 685 AND 695 – OVERLAY APPLICATION

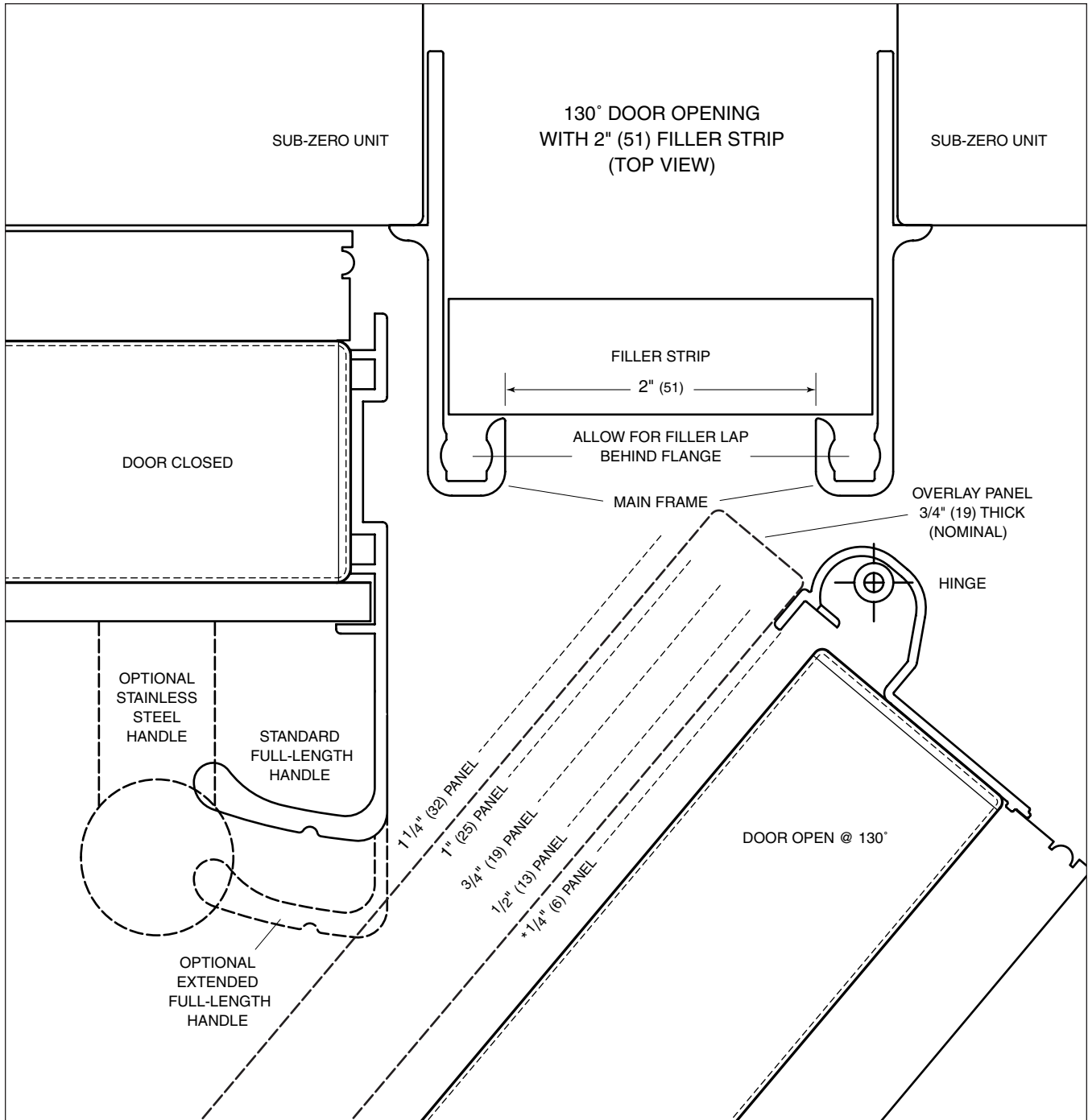


The full-scale illustration above shows proper placement of the stainless steel handle for the Models 685 and 695 refrigerator door in an overlay application. Adequate clearance is required under the handle to assure proper access to the glasswell.

Dimensions in parentheses are in millimeters unless otherwise specified.

BUILT-IN REFRIGERATION

PANEL AND HANDLE PROFILE – 130° DOOR OPENING



*Approximate thickness of wrapped stainless steel door.

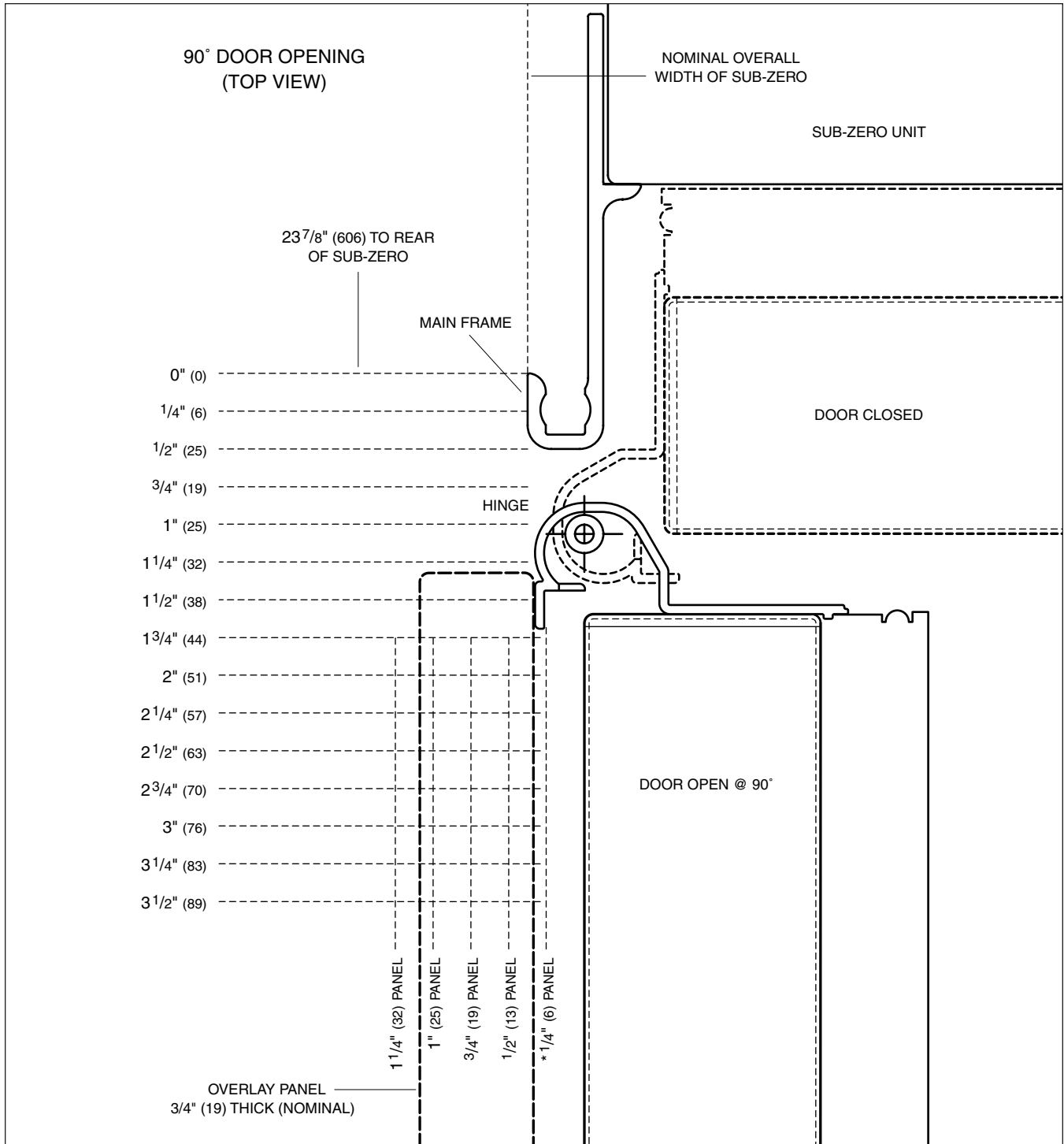
Dimensions in parentheses are in millimeters unless otherwise specified.

The full-scale illustration above shows the panel and handle profile for 130° door opening with a 2" (51) filler strip.

Interference of door panels with handles at maximum door swing may require the use of an optional 90° door stop available through your Sub-Zero dealer.

BUILT-IN REFRIGERATION

OVERLAY PANEL APPLICATION – 90° DOOR OPENING



*Approximate thickness of wrapped stainless steel door.

Dimensions in parentheses are in millimeters unless otherwise specified.

The full-scale illustration above shows what considerations you need to make for overlay panel applications, and how they may interact with adjacent cabinets and countertops.

700 SERIES

CREATING SOLUTIONS FOR HOME REFRIGERATION

For generations, the Sub-Zero name has been synonymous with built-in refrigeration. With the 700 Series, we've taken the idea a step further – integrated refrigeration. Refrigerators and freezers you can hide anywhere in the house, inside the furniture or cabinetry of your choosing.

Created to blend invisibly into your home's decor, the 700 Series lets you integrate refrigeration into the kitchen, master suite, media room or workout room. Available as tall units or two drawer base units, the 700 Series expands the possibilities for the way you shape your home.

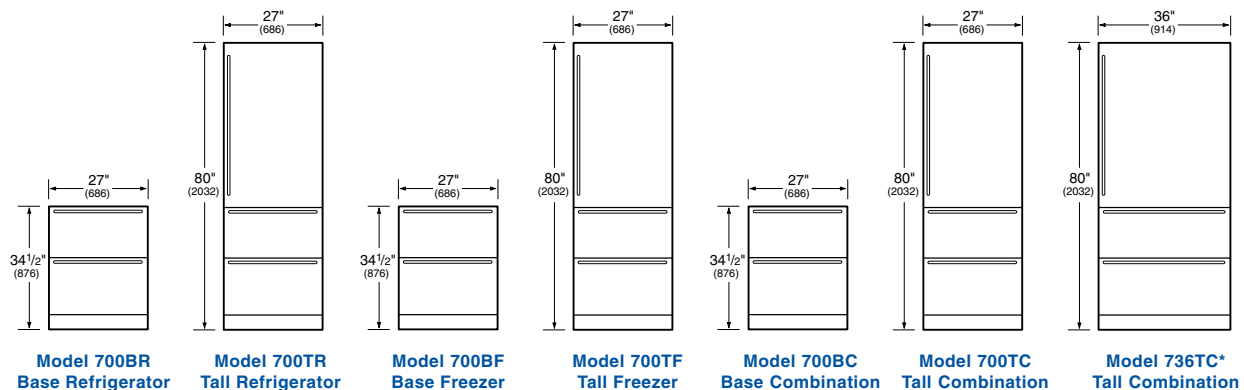
Tall units are 80" (2032) high and offered in two different widths – 27" (686) and 36" (914). The 27" (686) wide tall unit can be ordered as an all-refrigerator, all-freezer or combination refrigerator (upper cabinet) and freezer (drawers). Model 736TC(I), the 36" (914) wide tall unit, being introduced in summer of 2004, will be offered as a combination unit only. All of these units are 24" (610) deep.

Base units are offered in the 27" (686) width only. They can be ordered as an all-refrigerator, all-freezer or combination refrigerator (top drawer) and freezer (bottom drawer). Base units are 34-1/2" (876) high and 24" (610) deep. The illustrations below represent the full line of Sub-Zero 700 Series models.

You just need to add whatever beautiful cabinetry you want to use. Optional stainless steel panels with tubular handles are offered in the classic, platinum and carbon stainless steel finishes and are ordered and shipped as sales accessories.

Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing all Sub-Zero products, call Sub-Zero Freezer Company at (800) 222-7820 or check our website at www.subzero.com.

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



* New model available summer 2004.

INTEGRATED REFRIGERATION

Model 700BR

SPECIFICATIONS

Base Refrigerator Unit

27"W x 34 1/2"H x 24"D
(686 x 876 x 610)

Refrigerator Capacity
5.3 cu ft (150 L)

Minimum Height Required
34" (864)

Drawer Clearance
19 1/2" (495)

Annual Energy Usage
358 kWh / \$30*

Shipping Weight
190 lbs (86 kg)

PANEL OPTIONS

Integrated

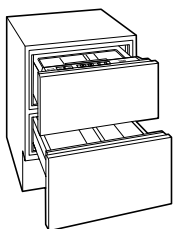
Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

2 Temperature Zones

2 Storage Drawers

Removable Crisper Cover



Model 700BR

Model 700TR

SPECIFICATIONS

Tall Refrigerator Unit

27"W x 80"H x 24"D
(686 x 2032 x 610)

Refrigerator Capacity
15.5 cu ft (439 L)

Minimum Height Required
79 1/2" (2019)

Door Swing Clearance
25 1/2" (648)

Specify LH or RH Door Swing

Drawer Clearance
19 1/2" (495)

Annual Energy Usage
428 kWh / \$35*

Shipping Weight
360 lbs (163 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

2 Temperature Zones

3 Adjustable Glass Shelves

1 Stationary Shelf

2 Storage Drawers

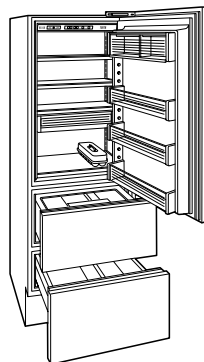
Removable Crisper Cover

Adjustable Deli Drawer

3 Adjustable Door Shelves

Adjustable Dairy Compartment

Egg Container



Model 700TR

Model 700BF

MODEL OPTIONS

700BFI Automatic Ice Maker

SPECIFICATIONS

Base Freezer Unit

27"W x 34 1/2"H x 24"D
(686 x 876 x 610)

Freezer Capacity
5.1 cu ft (144 L)

Minimum Height Required
34" (864)

Drawer Clearance
19 1/2" (495)

Annual Energy Usage
491 kWh / \$41*

Shipping Weight
190 lbs (86 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

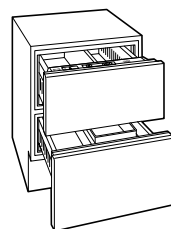
FEATURES

1 Temperature Zone

2 Storage Drawers

Automatic Ice Maker
(Model 700BFI)

Automatic Defrost



Model 700BF

Model 700TF

MODEL OPTIONS

700TFI Automatic Ice Maker

SPECIFICATIONS

Tall Freezer Unit

27"W x 80"H x 24"D
(686 x 2032 x 610)

Freezer Capacity
15.3 cu ft (433 L)

Minimum Height Required
79 1/2" (2019)

Door Swing Clearance
25 1/2" (648)

Specify LH or RH Door Swing

Drawer Clearance
19 1/2" (495)

Annual Energy Usage
655 kWh / \$54*

Shipping Weight
360 lbs (163 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

1 Temperature Zone

3 Adjustable Glass Shelves

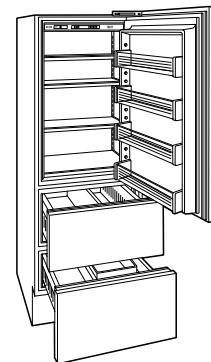
1 Stationary Shelf

2 Storage Drawers

4 Adjustable Door Shelves

Automatic Ice Maker
(Model 700TFI)

Automatic Defrost



Model 700TF

Model 700BC

MODEL OPTIONS

700BCI Automatic Ice Maker

SPECIFICATIONS

Base Combination Unit

27"W x 34 1/2"H x 24"D
(686 x 876 x 610)

Refrigerator Capacity
2.9 cu ft (82 L)

Freezer Capacity
2.1 cu ft (59 L)

Minimum Height Required
34" (864)

Drawer Clearance
19 1/2" (495)

Annual Energy Usage
451 kWh / \$37*

Shipping Weight
190 lbs (86 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

Refrigerator

Refrigerator Temperature Zone

1 Storage Drawer

Removable Crisper Cover

1 Removable Drawer Divider

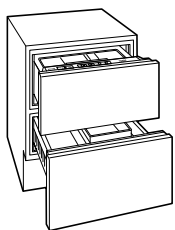
Freezer

Freezer Temperature Zone

1 Storage Drawer

Automatic Ice Maker
(Model 700BCI)

Automatic Defrost



Model 700BC

Model 700TC

MODEL OPTIONS

700TCI Automatic Ice Maker

SPECIFICATIONS

Tall Combination Unit

27"W x 80"H x 24"D
(686 x 2032 x 610)

Refrigerator Capacity
10.2 cu ft (289 L)

Freezer Capacity
5.1 cu ft (144 L)

Minimum Height Required
79 1/2" (2019)

Door Swing Clearance
25 1/2" (648)

Specify LH or RH Door Swing

Drawer Clearance 19 1/2" (495)

Annual Energy Usage
544 kWh / \$45*

Shipping Wt 360 lbs (163 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

Refrigerator

Refrigerator Temperature Zone

3 Adjustable Glass Shelves

1 Stationary Shelf

Adjustable Deli Drawer

3 Adjustable Door Shelves

Adjustable Dairy Compartment

Egg Container

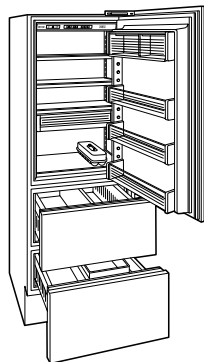
Freezer

Freezer Temperature Zone

2 Storage Drawers

Automatic Ice Maker (700TCI)

Automatic Defrost



Model 700TC

Model 736TC

Available Early Fall 2004

MODEL OPTIONS

736TCI Automatic Ice Maker

SPECIFICATIONS

Tall Combination Unit

36"W x 80"H x 24"D
(914 x 2032 x 610)

Refrigerator Capacity
13.4 cu ft (379 L)

Freezer Capacity
6.9 cu ft (195 L)

Minimum Height Required
79 1/2" (2019)

Door Swing Clearance
34 1/2" (876)

Specify LH or RH Door Swing

Drawer Clearance 19 1/2" (495)

Annual Energy Usage
573 kWh / \$48*

Shipping Wt 480 lbs (218 kg)

PANEL OPTIONS

Integrated

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

Refrigerator

Refrigerator Temperature Zone

3 Adjustable Glass Shelves

1 Stationary Shelf

Adjustable Deli Drawer

3 Adjustable Door Shelves

Adjustable Dairy Compartment

Egg Container

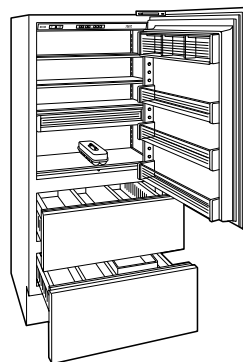
Freezer

Freezer Temperature Zone

2 Storage Drawers

Automatic Ice Maker (736TCI)

Automatic Defrost



Model 736TC

700
SERIES

*Annual energy costs are based
on 8.29 cents per kilowatt hour.

Optional stainless steel panels
are ordered and shipped as sales
accessories and include tubular
stainless steel handles.

Optional panel finishes –
(S) Classic stainless steel
(P) Platinum stainless steel
(B) Carbon stainless steel

Dimensions in parentheses are
in millimeters unless otherwise
specified.

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.

All 700 Series units are offered as integrated or stainless steel. Optional stainless steel panels and handles are available in the classic, platinum and carbon stainless steel finishes and are ordered and shipped as sales accessories.

Functional Design. These units can be placed anywhere in the home. Think about "point-of-use refrigeration" when planning where to place your units.

Built-in Design. All Sub-Zero units are 24" (610) deep. Tall 700 Series units are 80" (2032) high and offered in two different widths – 27" (686) and 36" (914). All base units are 27" (686) wide and 34-1/2" (876) high.

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 two temperatures within the same unit.

Automatic Defrost. Depending on usage and exact climate, the 700 Series unit will adapt to the unique situation and adjust accordingly to offer greater efficiency. 700 Series freezer and combination units have an automatic defrost system.

Kickplate. The adjustable solid kickplate meets standards of the American Institute of Architects. The toe kick area for a solid, decorative kickplate is 4" (102) high by 3" (76) deep. You can show a 10" (254) toe kick, but you cannot cover the louvers of the kickplate. If you choose, the kickplate 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 removable decorative kickplate cannot cover the fins.

Lighting. Flat to the ceiling, superior lighting provides white, efficient light in cabinet and drawer units.

Door/Drawer Alarm. If your door or drawer is accidentally left open for more than 30 seconds an audible alarm will sound.

Spill-Proof Shelves. The cabinet section of the tall units feature adjustable spill-proof one piece glass shelves that are easily removed for cleaning.

Dairy Shelf. This magnetically sealed compartment is fully adjustable on the tall refrigerator and combination units.

Crisper Cover. On the tall and base refrigerator units and the base combination unit, a removable crisper cover is offered for one of the drawer sections.

Deli-Drawer. Smaller items are not lost in this handy feature of the tall refrigerator and tall combination units.

Egg Tray. You can store a dozen eggs in this removable egg tray with the tall refrigerator and tall 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 and base combination units. This optional equipment must be factory installed.

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.

Dual Action Hinge. An exclusive dual action hinge is featured on all of the tall units.

Door Stop. On all of the tall units, a 90° door stop is built in to the hinge. Normal door swing is 105°.

Temperature Zones. With the microprocessor in the 700 Series units, you have the capability of setting different optimum temperatures.

- Model 700BR has two zones with a 34°F (1°C) to 45°F (7°C) temperature range in the top drawer, the bottom drawer range is 0 to 3 degrees colder than the top drawer.
- Model 700TR has two zones with a 34°F (1°C) to 45°F (7°C) temperature range in each.
- Model 700BF(I) has one zone with a -5°F (-21°C) to +5°F (-15°C) temperature range.
- Model 700TF(I) has one zone with a -5°F (-21°C) to +5°F (-15°C) temperature range.
- Model 700BC(I) has two zones, with a 34°F (1°C) to 45°F (7°C) temperature range in the top drawer and -5°F (-21°C) to +5°F (-15°C) in the bottom drawer.
- Models 700TC(I) and 736TC(I) have two zones, with a 34°F (1°C) to 45°F (7°C) temperature range in the cabinet and -5°F (-21°C) to +5°F (-15°C) in the drawers.

Sub-Zero Warranty. Like all Sub-Zero units, the 700 Series is covered by the Sub-Zero Freezer Company Products Limited Warranty, exclusions apply. See page 70 for details.

OVERALL SIZE SPECIFICATIONS

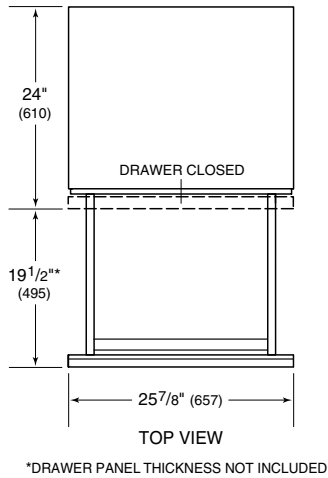
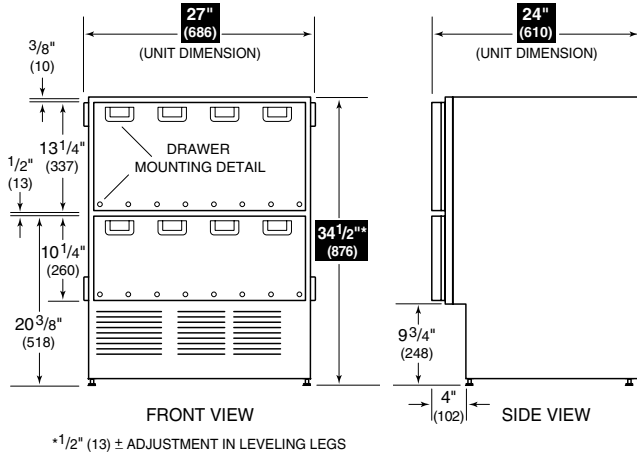
In trying to understand the different 700 Series units available, keep in mind the three size configurations:

- **Base Units – 27"W x 34 1/2"H x 24"D** (686 x 876 x 610)
- **27" (686) Wide Tall Units –**
27"W x 80"H x 24"D (686 x 2032 x 610)
- **36" (914) Wide Tall Units –**
36"W x 80"H x 24"D (914 x 2032 x 610)

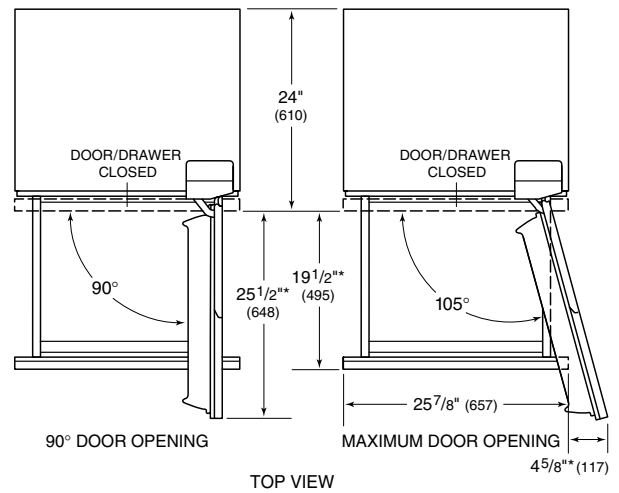
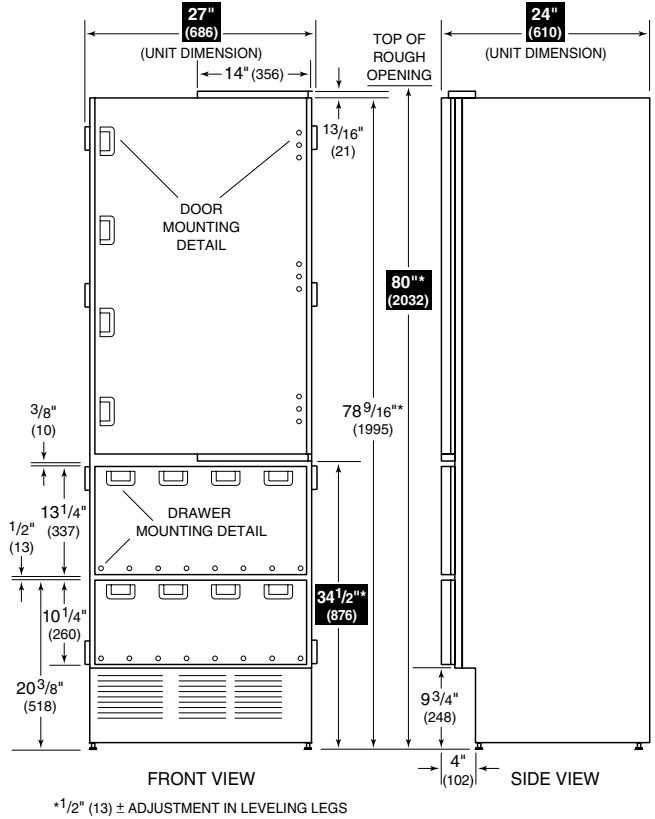
The height of the tall unit is set at 80" (2032). You can allow the top of the door panel to exceed this dimension with caution. If you are working with 84" (2134) or 96" (2438) neighboring panels, you can utilize door panels to match this height. Other critical dimensions regarding the door swing, drawer openings and toe kick clearance are noted in the Overall Dimensions illustrations on the following pages.

INTEGRATED REFRIGERATION

OVERALL DIMENSIONS – BASE UNITS 27" (686) WIDE



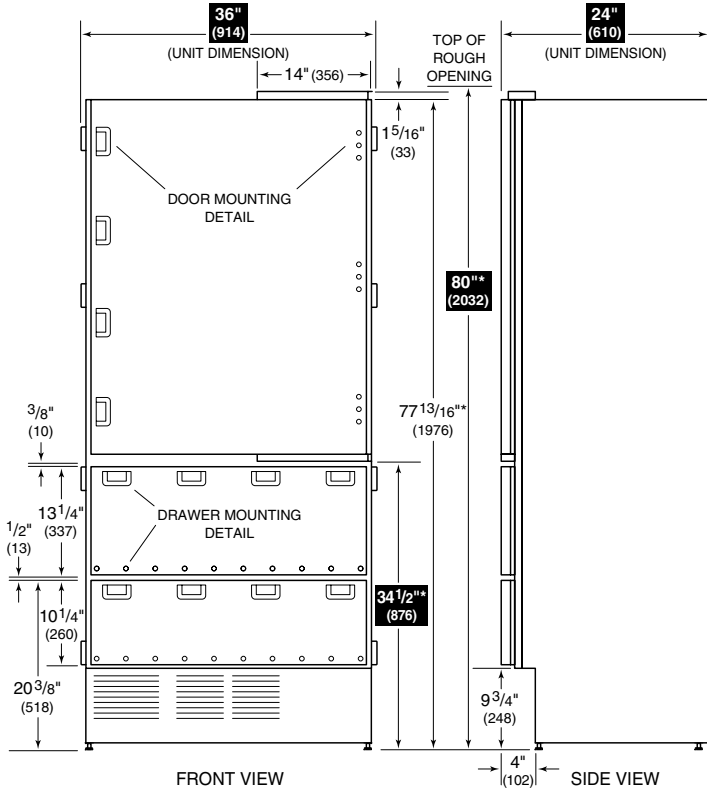
OVERALL DIMENSIONS – TALL UNITS 27" (686) WIDE



Dimensions in parentheses are in millimeters unless otherwise specified.

INTEGRATED REFRIGERATION

OVERALL DIMENSIONS – TALL UNITS 36" (914) WIDE

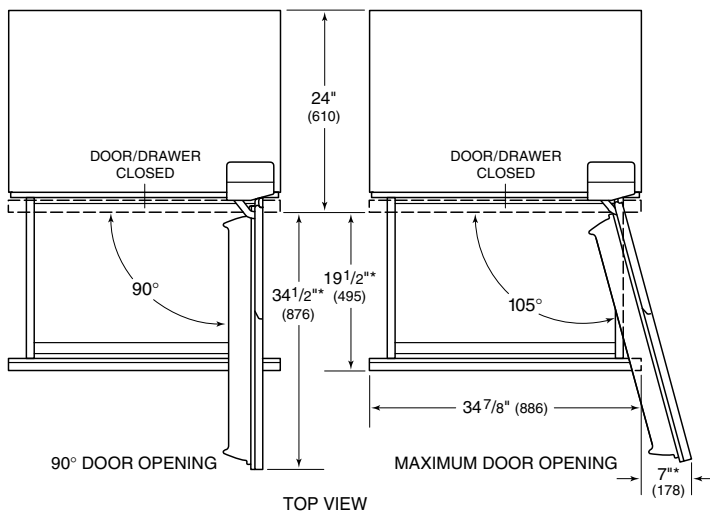


*1/2" (13) ± ADJUSTMENT IN LEVELING LEGS

PLANNING INFORMATION

Before moving the 700 Series unit into place, be sure that the finished opening dimensions, electrical and plumbing locations and minimum door and drawer clearances are accurate. Refer to the Pre-Installation Specifications illustrations for your 700 Series unit on the following pages. Be sure your installer has this information before finishing work is completed.

NOTE: 700 Series units without an automatic ice maker will not require the plumbing connections shown in the Pre-Installation Specifications illustrations.

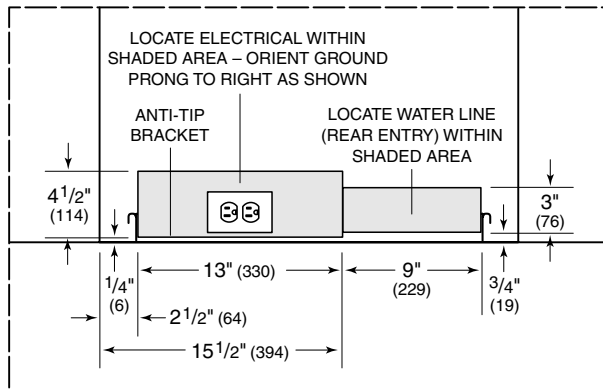
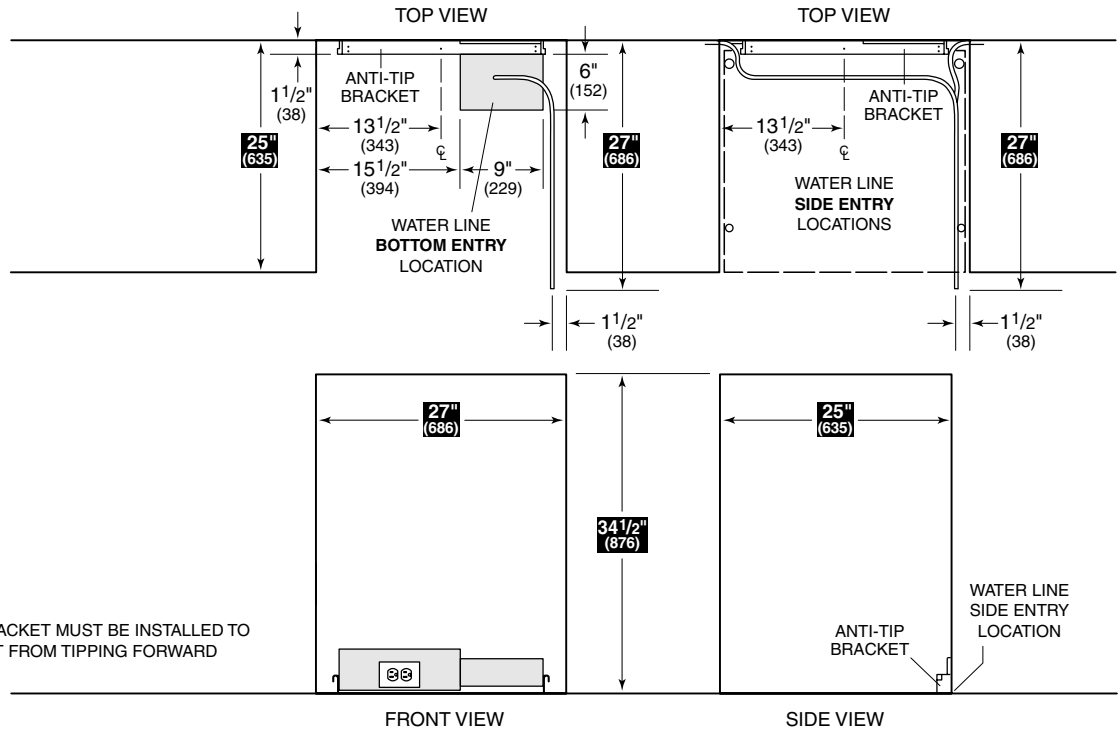


*DOOR/DRAWER PANEL THICKNESS NOT INCLUDED – DIMENSION WILL VARY WITH INSTALLATION

INTEGRATED REFRIGERATION

PRE-INSTALLATION SPECIFICATIONS – 27" (686) WIDE BASE UNITS

700
SERIES



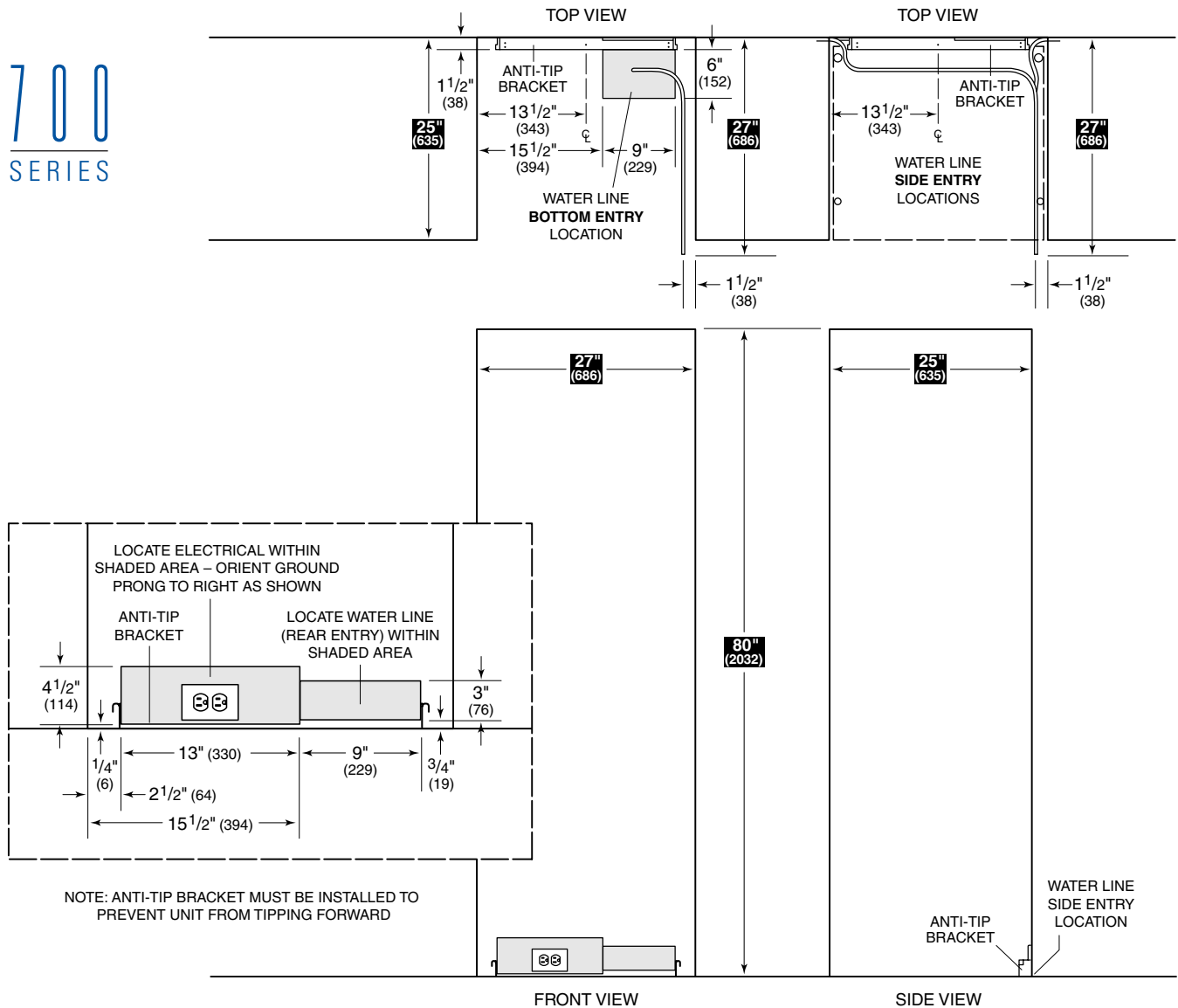
IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustration.

Dimensions in parentheses are in millimeters unless otherwise specified.

INTEGRATED REFRIGERATION

PRE-INSTALLATION SPECIFICATIONS – 27" (686) WIDE TALL UNITS

700
SERIES

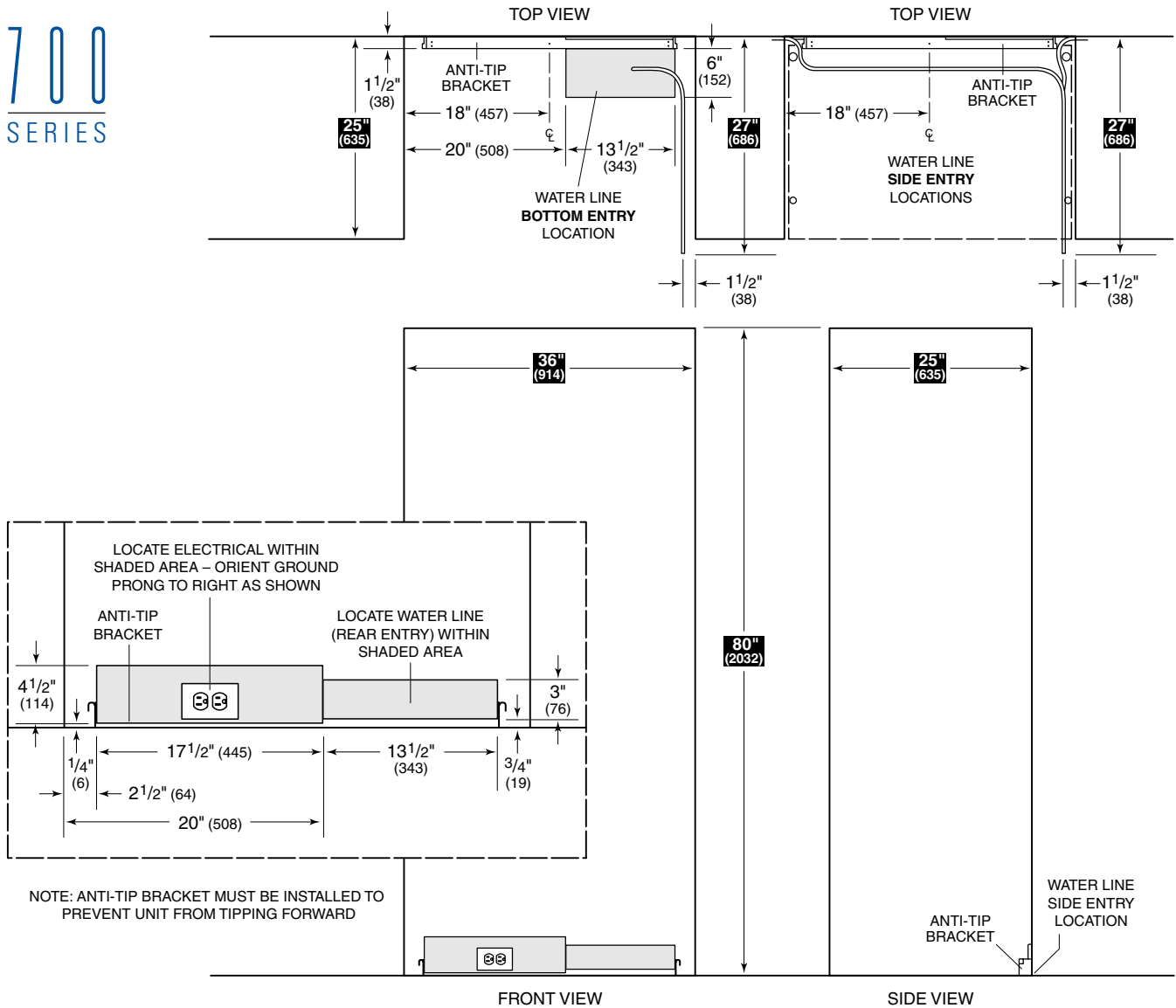


IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustration.

INTEGRATED REFRIGERATION

PRE-INSTALLATION SPECIFICATIONS – 36" (914) WIDE TALL UNITS

700
SERIES



IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustration.

Dimensions in parentheses are in millimeters unless otherwise specified.

CABINETY 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 lbs (18 kg) and each drawer panel must not exceed 12 lbs (5 kg) for 27" (686) wide units. For Model 736TC(I) the door panel weight limit is 53 lbs (24 kg) and 16 lbs (7 kg) for each drawer panel.

Panel Thickness – Door and drawer panels must be a minimum of 5/8" (16) thick.

Panel Hardware – We recommend using D-style pulls. 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.

IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. You **MUST** allow for the thickness of the panel you are applying when planning for the finished rough opening depth if you want the front panel to be flush with surrounding cabinetry. You may have to move the unit back into drywall or bring the cabinets forward to achieve a flush fit.

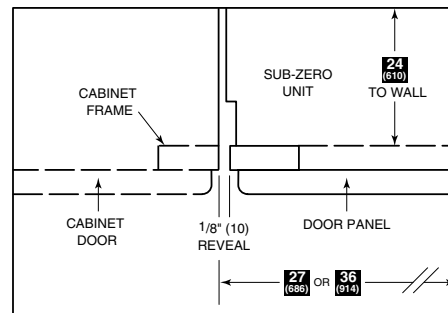
The height of the door panel can grow beyond 45-1/4" (1149) and exceed the 80" (2032) overall height, as long as you stay below the recommended door panel weight limit.

The toe kick clearance can vary with the height of the lower drawer panel, the maximum panel height is 16-9/16" (421). You must keep a minimum space of 4" (102) clear below the bottom edge of the lower drawer panel, so the unit can be properly vented.

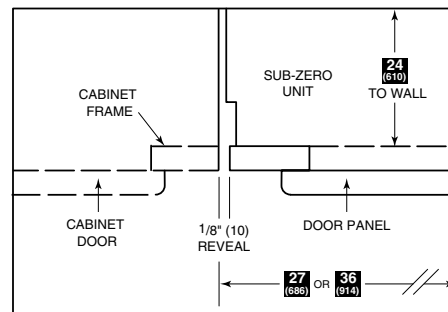
FRAMED CABINETY

Framed cabinetry applications present you with different questions to address. The illustrations below show common applications of framed cabinetry. These are not meant to be the only alternatives, but are suggestions from designers around the country. Also refer to the full-scale illustrations at the end of this section for specifics on door openings.

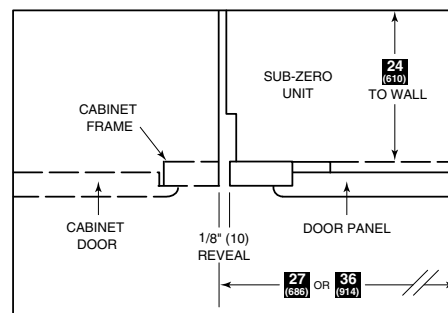
NOTE: In the illustrations below, the first width dimension shown is for 27" (686) wide units and the second dimension is for the Model 736TC(I).



Traditional frame – full overlay (top view)



Traditional frame – standard overlay (top view)



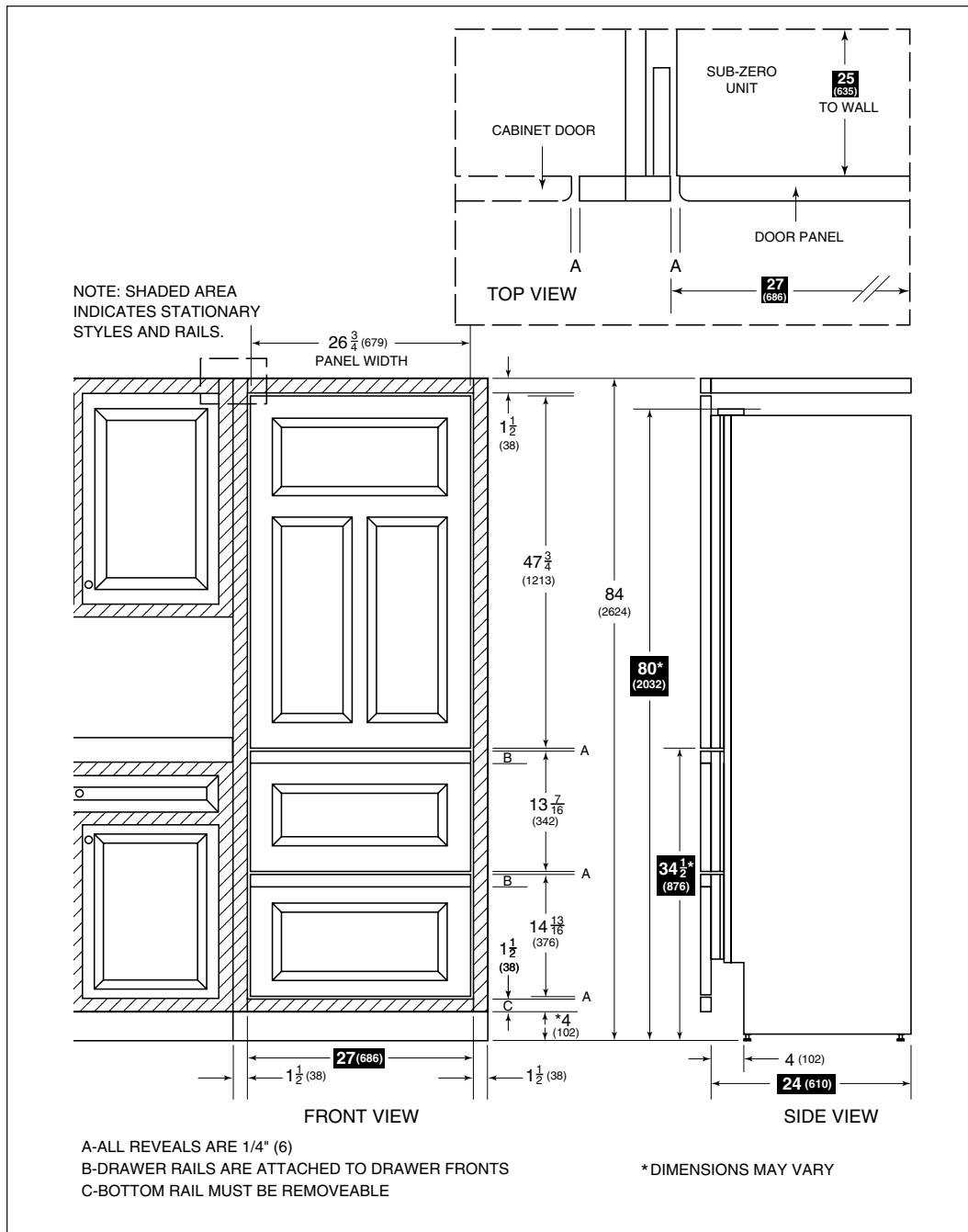
Traditional frame – 3/8" (10) offset (top view)

INTEGRATED REFRIGERATION

FRAMED CABINETRY – BEADED INSET APPLICATION

The illustration below shows a 27" (686) wide 700 Series base or tall unit installed within a framed cabinetry beaded inset application. Review with particular attention given to the overall panel specifications.

IMPORTANT NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.

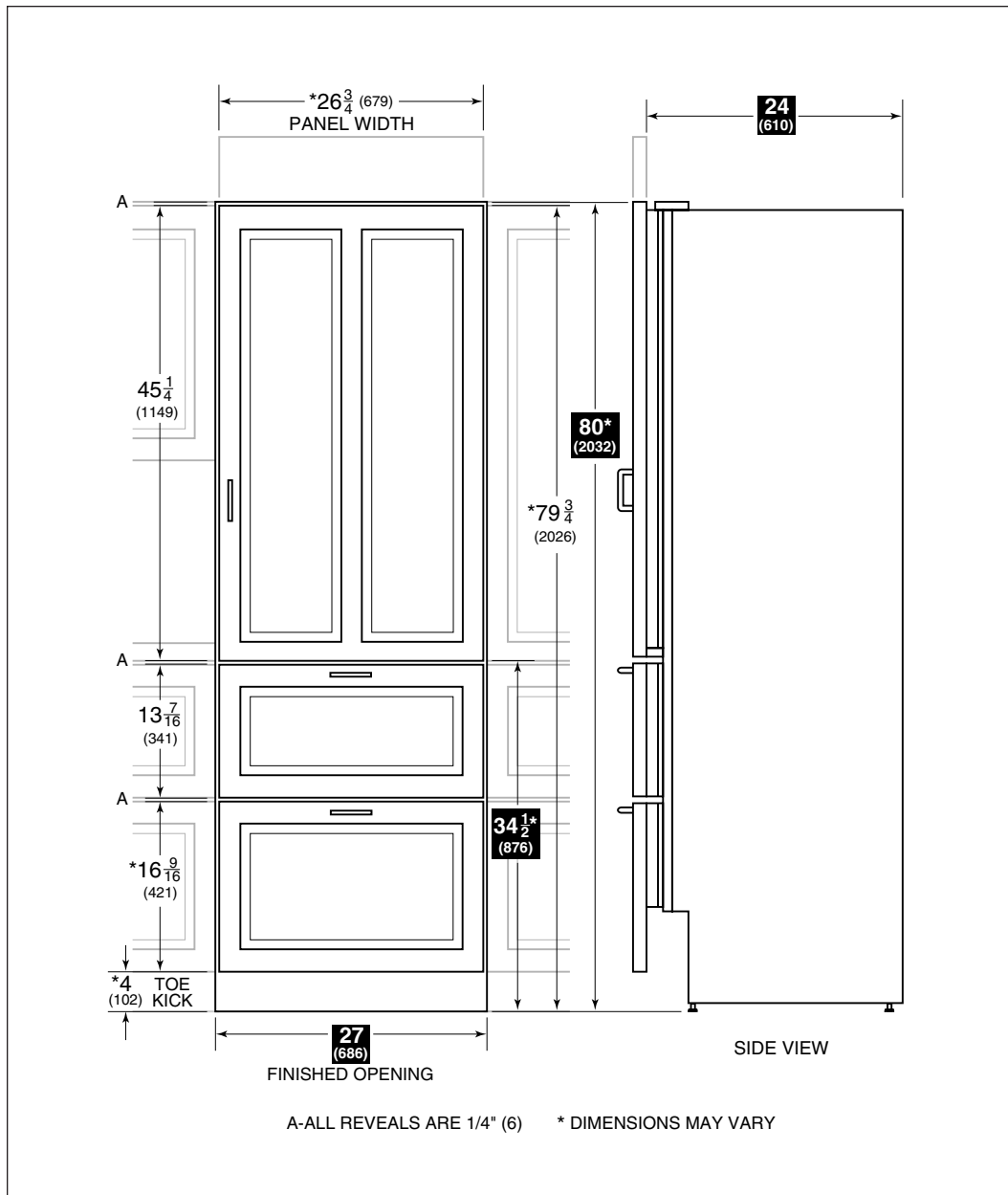


NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.

FRAMELESS CABINETRY

The illustration below shows a hypothetical installation of a 27" (686) wide 700 Series base or tall unit within frameless cabinetry. Review with particular attention given to the overall panel specifications. Also refer to the full-scale illustrations at the end of this section for specifics on door openings.

IMPORTANT NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.



NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.

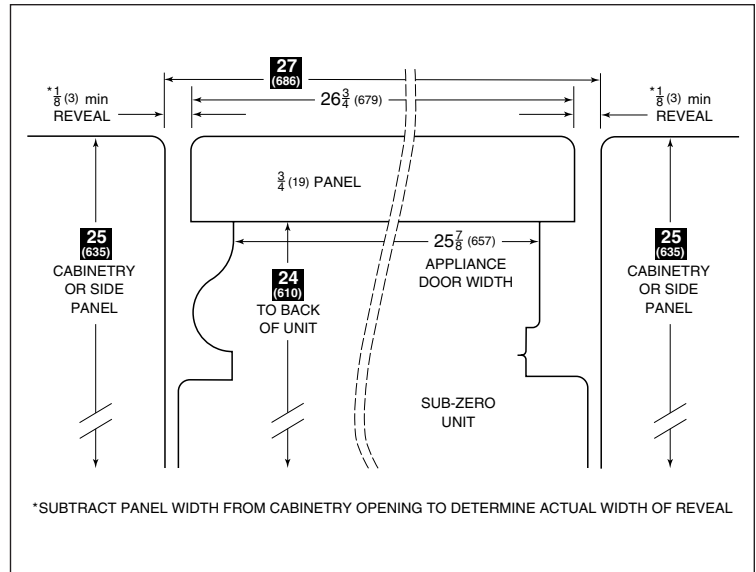
Dimensions are in inches with millimeters in parentheses.

PANEL CONSIDERATIONS

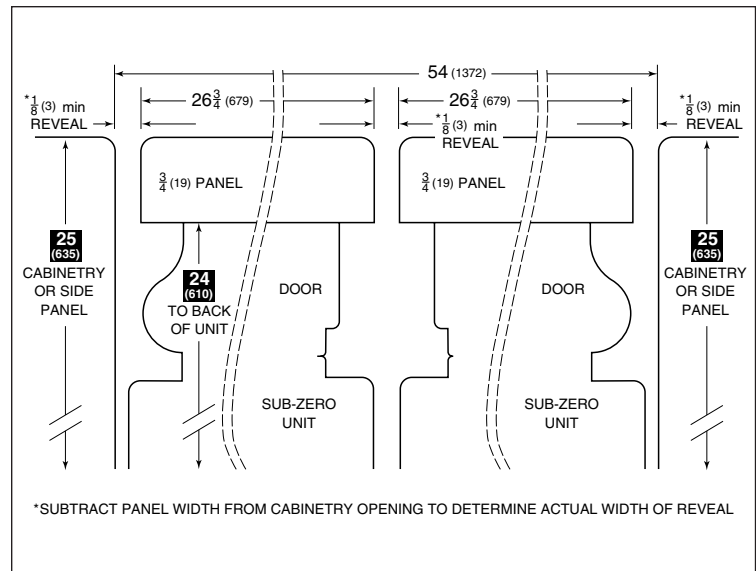
IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. You **MUST** allow for the thickness of the panel you are applying when planning for the finished rough opening depth if you want the front panel to be flush with surrounding cabinetry. You may have to move the unit back into drywall or bring the cabinets forward to achieve a flush fit.

The illustrations show panel width dimensions for installation of a single tall unit and installing two tall units side by side.

IMPORTANT NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.



Panel width dimensions – single tall unit installation



Panel width dimensions – two tall units installed side by side

NOTE: Cabinetry dimensions shown are for 27" (686) wide units. For Model 736TC(I) add 9" (229) to overall width dimensions.

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.

CAUTION

When 5/8" (16) or thicker panels are used and a reveal less than 1/4" (6) is maintained, the door panels may cause damage to the Sub-Zero unit when the door is open at the maximum 105° stop. You should use the built-in 90° stop to prevent damage.

INSTALLATION OPTIONS

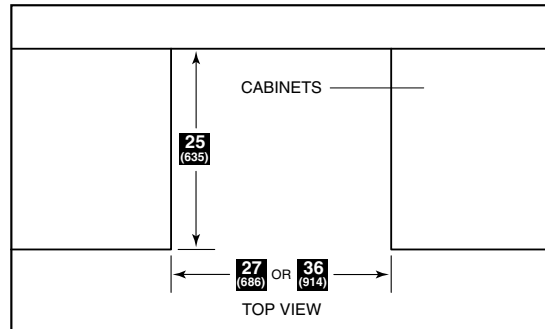
The illustrations show some typical installations and their dimension considerations. The depth dimension in the illustrations may vary depending on cabinet styles, treatment of countertops or other design options.

NOTE: In the illustrations, the first width dimension shown is for 27" (686) wide units and the second dimension is for the Model 736TC(I).

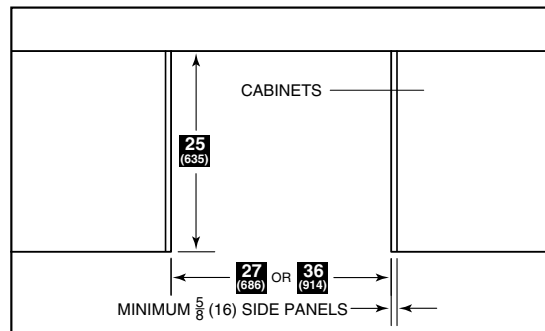
IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustrations.

DUAL INSTALLATIONS

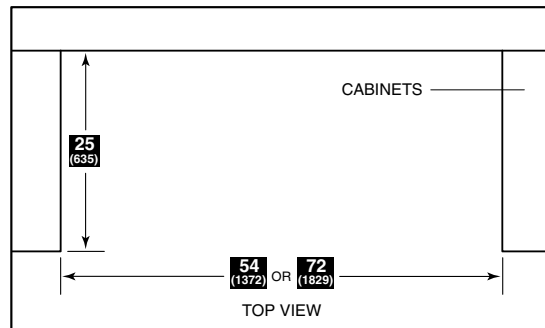
If two or more 700 Series units are installed side by side where there is 2" (51) or less of space between the units, a heater kit (TTDUAL or BBDUAL) is recommended. These optional components are available through your Sub-Zero dealer.



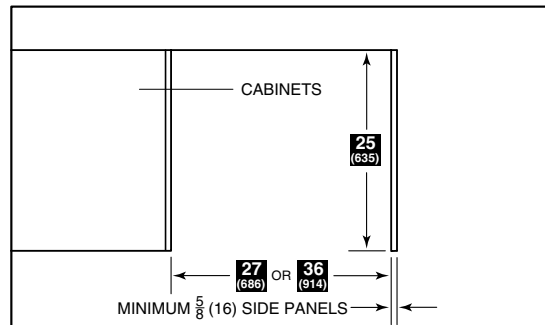
Installation without side panels



Installation with side panels



Installation of two units side by side



Installation at end of run

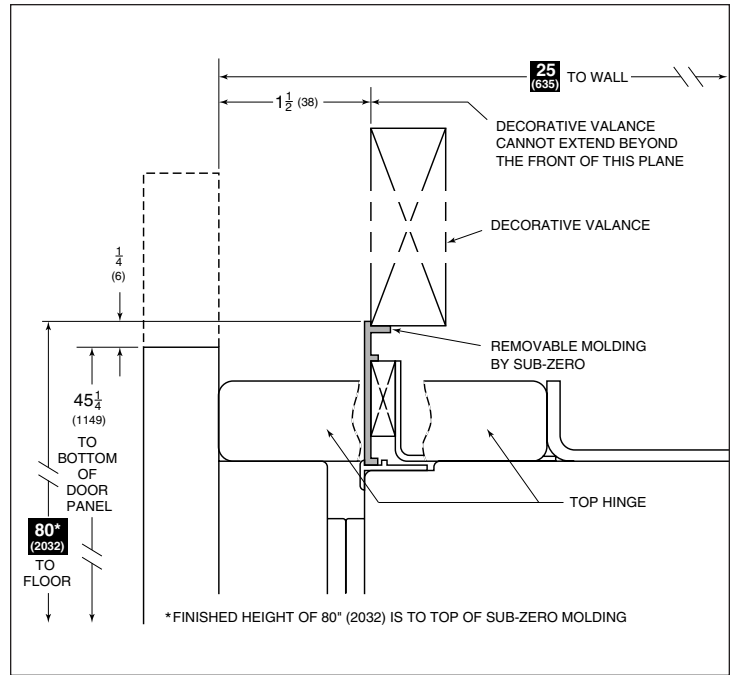
DOOR PANEL HEIGHT

The height of the door panel can grow beyond 45-1/4" (1149) and exceed the 80" (2032) overall height, as long as you stay below the recommended door panel weight limit of 40 lbs (18 kg) for 27" (688) wide units and 53 lbs (24 kg) for the Model 736TC(I).

The top illustration 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 shown.

IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustration.



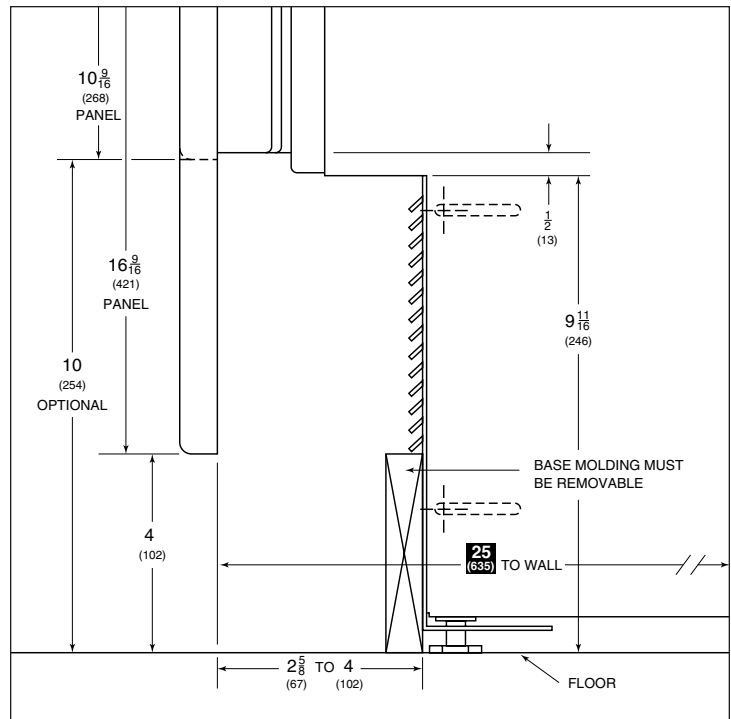
Upper valence detail – tall units

TOE KICK CLEARANCE

The toe kick clearance can vary with the height of the lower drawer panel, the maximum panel height is 16-9/16" (421).

IMPORTANT NOTE: You must keep a minimum space of 4" (102) clear below the bottom edge of the lower drawer panel, so the unit can be properly vented. In addition, any decorative base molding must be removable for possible servicing and cleaning of the condenser.

The bottom illustration shows the area below the lower drawer where the operating mechanical equipment of the 700 Series unit is housed.



Kickplate detail – base and tall units

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 the Pre-Installation Specifications illustration for your unit 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" 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 number 4200880) is available from your Sub-Zero dealer. A line filter is required when the water supply has a high mineral content. The ice maker operates on water pressure of 20 psi (1.4 bar) to 100 psi (6.9 bar). In some cases a reverse osmosis water filter system may not be able to maintain the minimum pressure.

The Pre-Installation Specifications illustration for your unit will show the water line's precise placement. When routing the water through the side walls, you must place the water line within 1/2" (13) 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 the Pre-Installation Specifications illustration for your unit. Regardless of the routing, allow for 27" (686) 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 the compressor tray. The tray must be slid forward for service.

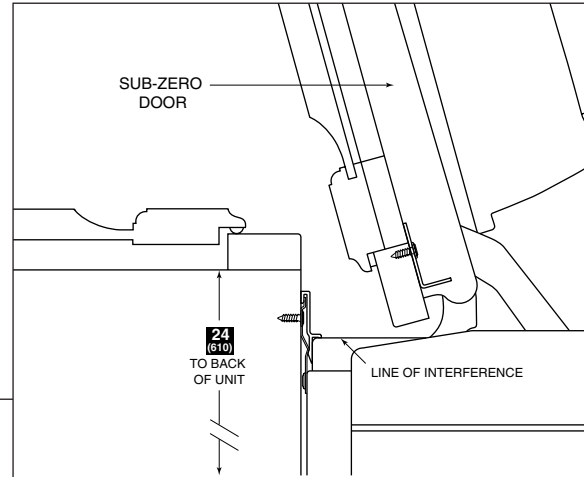
The 700 Series Installation Guide packed with the appliance will give you step-by-step procedures for making sure the unit is installed properly.

SERVICE INFORMATION

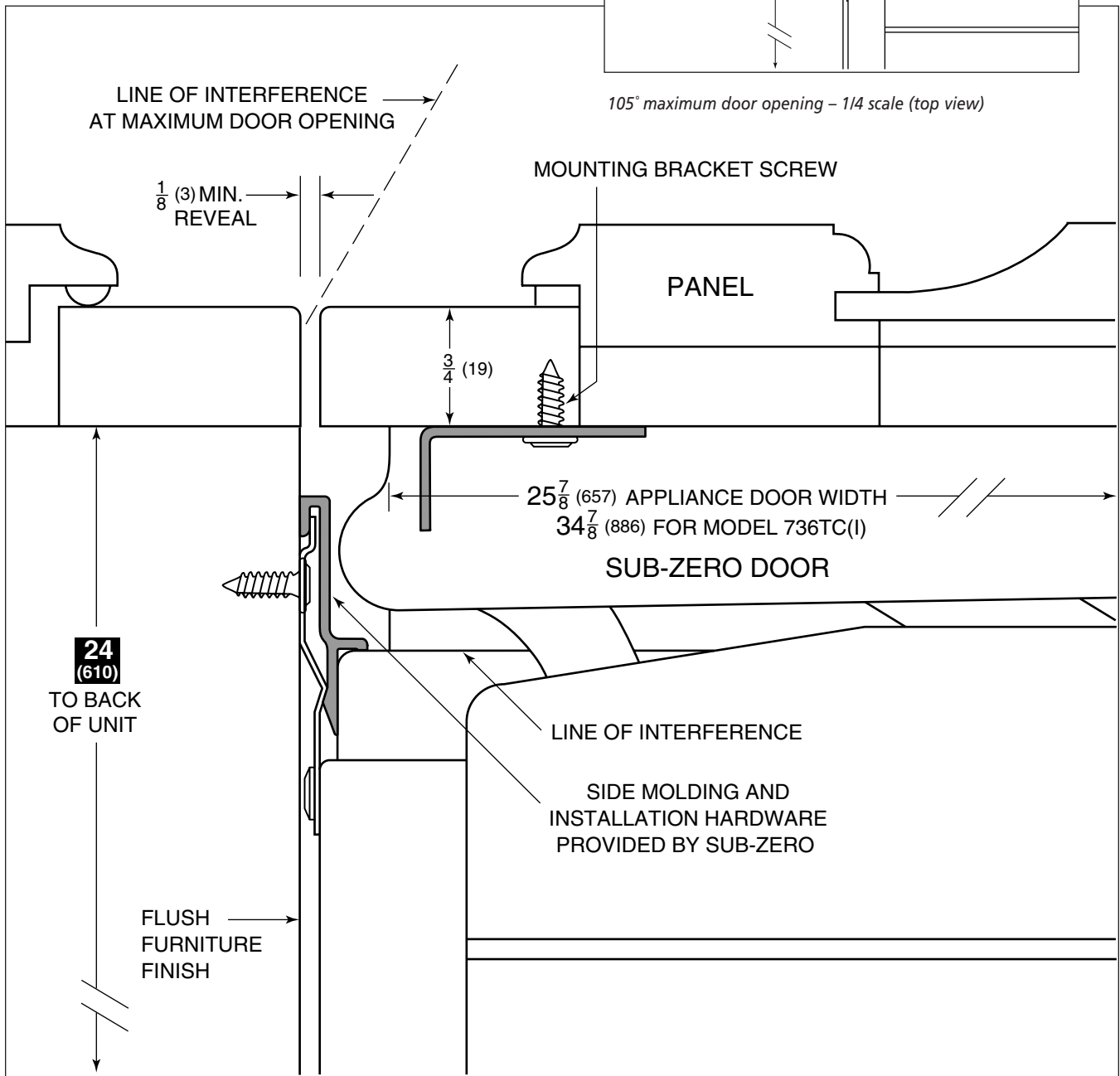
If your client needs service, advise them to locate the model and serial number on the plate installed to the inside left panel of the top drawer. Also advise your client to fill out all product registration forms and return to the factory, to assure the customer is in our database. Contact a Sub-Zero Factory Authorized Service Center, your dealer, or Sub-Zero Freezer Company, Customer Service Department, at PO Box 44130, Madison, WI 53744-4130, call (800) 222-7820, or e-mail us at customerservice@subzero.com.

FRAMED CABINETRY

IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit.



105° maximum door opening – 1/4 scale (top view)

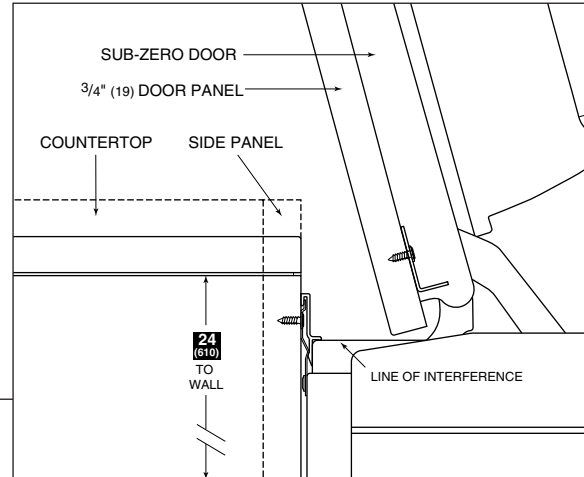


Door closed – full scale (top view)

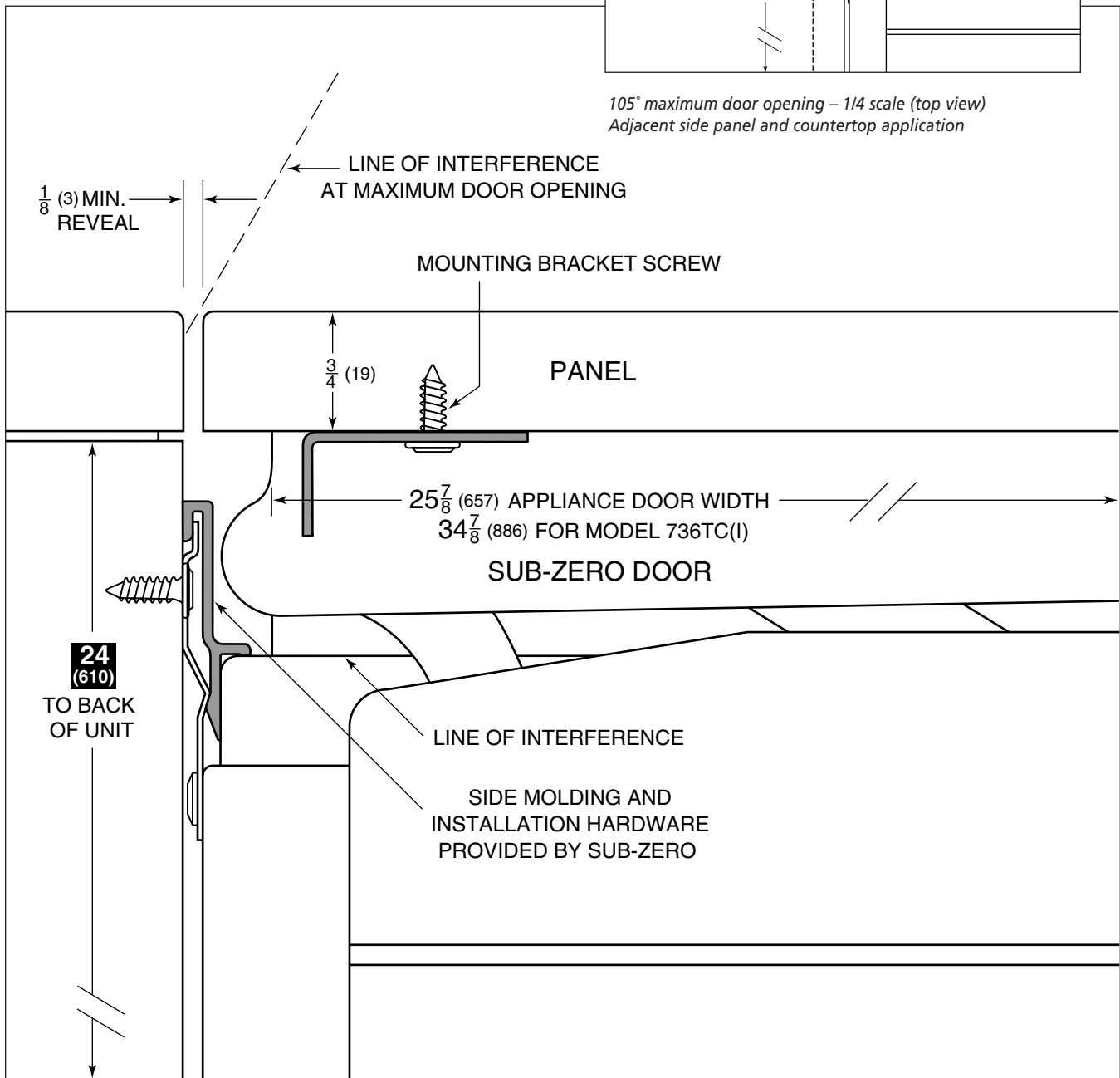
Dimensions are in inches with millimeters in parentheses.

FRAMELESS CABINETRY

IMPORTANT NOTE: The depth of each 700 Series unit is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit.



105° maximum door opening – 1/4 scale (top view)
Adjacent side panel and countertop application



Door closed – full scale (top view)

Dimensions are in inches with millimeters in parentheses.

400 SERIES

CREATING SOLUTIONS FOR HOME REFRIGERATION

Sub-Zero's innovative 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 free-standing Model 424FS classic stainless steel to the ability to use wood on the built-in models, each unit is beautiful.

With the exception of the free-standing Model 424FS, each model is available in three stainless steel finishes and 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.

- The free-standing Model 424FS does not require any panels or surrounding cabinetry, it comes with classic stainless steel exterior.
- All units will be shipped with glass doors as standard equipment. The glass doors allow one to see the wine that is being stored. If you would like a traditional Sub-Zero look, there is the optional solid doors, which will be treated as special orders and must be ordered 90 days before you expect delivery. Solid door panels must not be installed on glass door units.
- Stainless steel units will be shipped with tubular stainless steel handles, while the overlay units will come with no handle hardware. Optional stainless steel panels and handles for Models 427 and 427R are offered in the classic, platinum and carbon stainless steel finishes and are ordered and shipped as sales accessories. The stainless steel Models 424 and 430 must be ordered in one of three stainless steel finishes of classic, platinum and carbon.
- Optional handles are available for all models except the framed and stainless steel Model 430. Contact your Sub-Zero dealer for details. The framed Model 430 will come with an extruded handle identical in design to our 600 Series look.
- Standard grille assemblies for the Model 430 will be provided in 1" (25) increments from 10" (254) to 15" (381). The standard height will be 11" (279). The framed unit will have a louvered grille, the stainless steel unit will feature a heavy-duty grille and the overlay model will have the panel grille which accepts decorative panel inserts.

400 SERIES

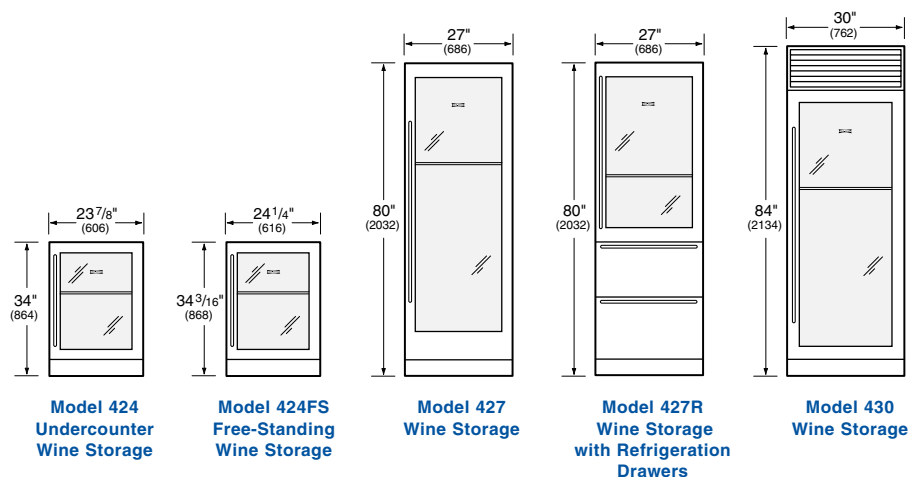
As with all Sub-Zero units, the 400 Series is manufactured to the exacting quality standards which has made us the leader of the refrigeration industry. Because the 400 Series comes with everything you need to ensure your customer's wine is stored properly and safely, there are only a few options. For information regarding specific 400 Series models, refer to the illustrations and charts in this section.

400 Series Models common features:

- Two distinct wine storage 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 cherry wood facing
- Illuminated display shelf (except Models 424 and 424FS)
- Discreet interior lighting
- Service indicator and home security tie-in
- UV resistant glass protection
- Divider gasket to ensure separate temperatures
- Front venting

The illustrations below represent the full line of Sub-Zero 400 Series models. The Model 424 can be ordered as a built-in or free-standing unit. If you order the Model 424FS, which is a free-standing unit, it comes with classic stainless steel exterior.

Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing all Sub-Zero products, call Sub-Zero Freezer Company at (800) 222-7820 or check our website at www.subzero.com.



400
SERIES

Model 424

MODEL OPTIONS

424/O Overlay Design
424/S Classic Stainless
424/P Platinum Stainless
424/B Carbon Stainless
 Full-View Glass Door (standard)
 High Altitude Glass Door
 Solid Door

SPECIFICATIONS

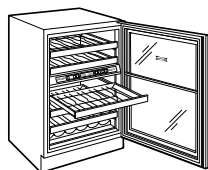
Undercounter Wine Storage

23^{7/8}"W x 34"H x 24"D
 (606 x 864 x 610)

Storage Capacity
 46 (750 ml) Bottles
 Door Swing Clearance
 25^{3/8}" (645)
 Specify LH or RH Door Swing
 Shipping Weight
 190 lbs (86 kg) Glass Door
 195 lbs (88 kg) Glass Door/
 Stainless Steel
 185 lbs (84 kg) Solid Door

FEATURES

2 Temperature Zones
 2 Upper Compartment Shelves
 3 Lower Compartment Shelves
 8 (750 ml) Bottles per
 Standard Shelf



Model 424

Model 424FS

MODEL OPTIONS

Full-View Glass Door (standard)
 High Altitude Glass Door
 Solid Door

SPECIFICATIONS

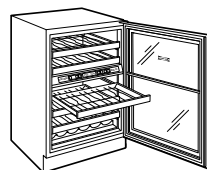
Free-Standing Undercounter Wine Storage

24^{1/4}"W x 34^{3/16}"H x 24^{5/8}"D
 (616 x 868 x 625)

Storage Capacity
 46 (750 ml) Bottles
 Door Swing Clearance
 25^{3/8}" (645)
 Specify LH or RH Door Swing
 Shipping Weight
 220 lbs (100 kg)

FEATURES

Classic Stainless Steel Exterior
 and Door Frame
 2 Temperature Zones
 2 Upper Compartment Shelves
 3 Lower Compartment Shelves
 8 (750 ml) Bottles per
 Standard Shelf



Model 424FS

Model 427

MODEL OPTIONS

Full-View Glass Door (standard)
 High Altitude Glass Door
 Solid Door

SPECIFICATIONS

Wine Storage

27"W x 80"H x 24"D
 (686 x 2032 x 610)

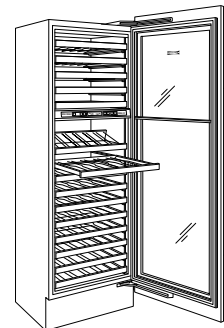
Storage Capacity
 132 (750 ml) Bottles
 Minimum Height Required
 79^{1/2}" (2019)
 Door Swing Clearance
 25^{1/2}" (648)
 Specify LH or RH Door Swing
 Shipping Weight
 395 lbs (179 kg) Glass Door
 386 lbs (175 kg) Solid Door

PANEL OPTIONS

Integrated
 Classic, Platinum or Carbon
 Stainless Steel Finish
 (includes handle)

FEATURES

2 Temperature Zones
 5 Upper Compartment Shelves
 9 Lower Compartment Shelves
 Display Shelf
 9 (750 ml) Bottles per
 Standard Shelf
 6 (750 ml) Bottles per
 Display Shelf



Model 427

Model 427R

MODEL OPTIONS

Full-View Glass Door (standard)
High Altitude Glass Door
Solid Door

SPECIFICATIONS

Wine Storage with Refrigeration Drawers

27" W x 80" H x 24" D
(686 x 2032 x 610)

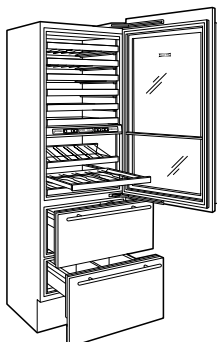
Storage Capacity
78 (750 ml) Bottles
Minimum Height Required
79 1/2" (2019)
Refrigerator Capacity
5.3 cu ft (150 L)
Door Swing Clearance
25 1/2" (648)
Specify LH or RH Door Swing
Shipping Weight
410 lbs (186 kg) Glass Door
406 lbs (184 kg) Solid Door

PANEL OPTIONS

Integrated
Classic, Platinum or Carbon
Stainless Steel Finish
(includes handles)

FEATURES

3 Temperature Zones
6 Upper Compartment Shelves
2 Lower Compartment Shelves
Display Shelf
9 (750 ml) Bottles per
Standard Shelf
6 (750 ml) Bottles per
Display Shelf
2 Refrigeration Drawers



Model 427R

Model 430

MODEL OPTIONS

430/F Framed Design
430/O Overlay Design
430/S Classic Stainless
430/P Platinum Stainless
430/B Carbon Stainless
Full-View Glass Door (standard)
High Altitude Glass Door
Solid Door

SPECIFICATIONS

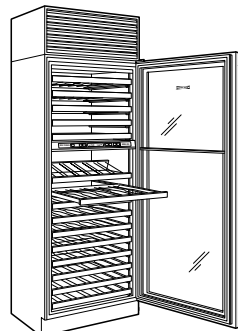
Wine Storage

30" W x 84" H x 24" D
(762 x 2032 x 610)

Storage Capacity
147 (750 ml) Bottles
Minimum Height Required
82 7/8" (2105)
Door Swing Clearance
30 1/8" (765)
Specify LH or RH Door Swing
Shipping Weight
435 lbs (197 kg) Glass Door
445 lbs (202 kg) Glass Door/
Stainless Steel
412 lbs (187 kg) Solid Door

FEATURES

2 Temperature Zones
5 Upper Compartment Shelves
9 Lower Compartment Shelves
Display Shelf
10 (750 ml) Bottles per
Standard Shelf
7 (750 ml) Bottles per
Display Shelf



Model 430

IMPORTANT NOTE: Orders for solid and high altitude glass doors will be regarded as special orders. You must allow for 90 days from the time of order until you can expect delivery. High altitude glass doors are for installations at or over 5,000' (1524 m) in elevation.

Optional stainless steel panels for Models 427 and 427R, available for glass door or solid door units, are ordered and shipped as sales accessories and include tubular stainless steel handles.

Optional panel finishes –
(S) Classic stainless steel
(P) Platinum stainless steel
(B) Carbon stainless steel

Dimensions in parentheses are in millimeters unless otherwise specified.

FEATURES AND OPTIONS

When looking for wine storage, you no longer have to think only about an undercounter application. Sub-Zero offers you complete flexibility from the perspective of design applications and storage capabilities.

- Model 424 comes in the overlay and stainless steel door panel configurations. Model 424FS (free-standing) is identical to the Model 424, but with classic stainless steel exterior and designed to be attractive in a stand alone setting.
- Models 427 and 427R are offered as integrated or stainless steel. Optional stainless steel panels and handles for Models 427 and 427R are offered in the classic, platinum and carbon stainless steel finishes and are ordered and shipped as sales accessories.
- Model 430 comes in the framed, overlay and stainless steel options. The stainless steel Model 430 must be ordered in one of the three stainless steel finishes of classic, platinum and carbon.

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.

Electronic Controls. Microprocessor offers touch pad controls that are easy to understand and set the temperatures accurately.

Display Shelf. This beautiful shelf offers your clients the opportunity to display those prize bottles or magnums of wine in their collection. It is illuminated with discreet lighting mounted in the control panel. (Not available with Models 424 and 424FS.)

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. 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 low wattage lighting is independent of door opening.

Correct Temperatures. The temperature range of each wine compartment is 38°F (3°C) to 65°F (18°C) 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 dealer. Special planning is necessary when ordering locks for Models 427 and 427R, see page 54 for details.

Solid Doors. If you would like to order a unit without glass, you have that option. This will be treated as a special order and must be ordered 90 days before you expect delivery.

High Altitude Glass. For installations above 5,000' (1524 m) in elevation, we offer the high altitude glass as a special order.

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

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

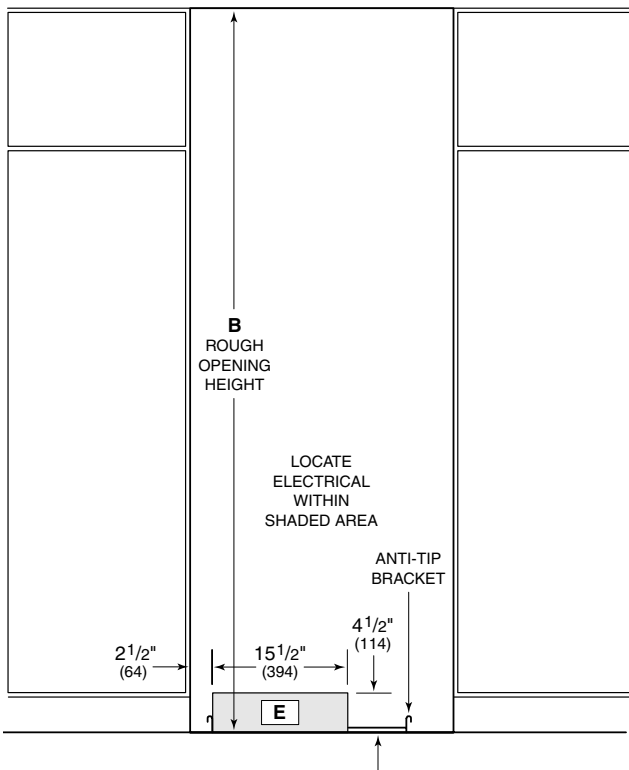
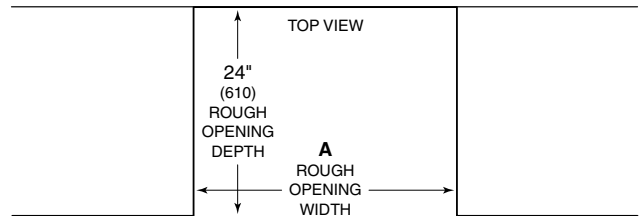
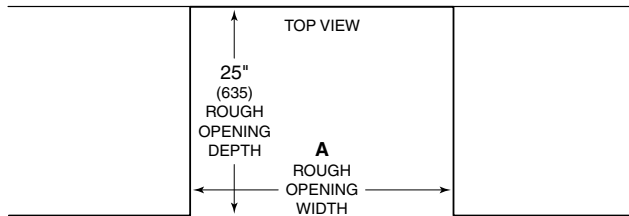
Kickplate. The solid, adjustable kickplate gives a true built-in look, and conforms to American Institute of Architects standards.

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.

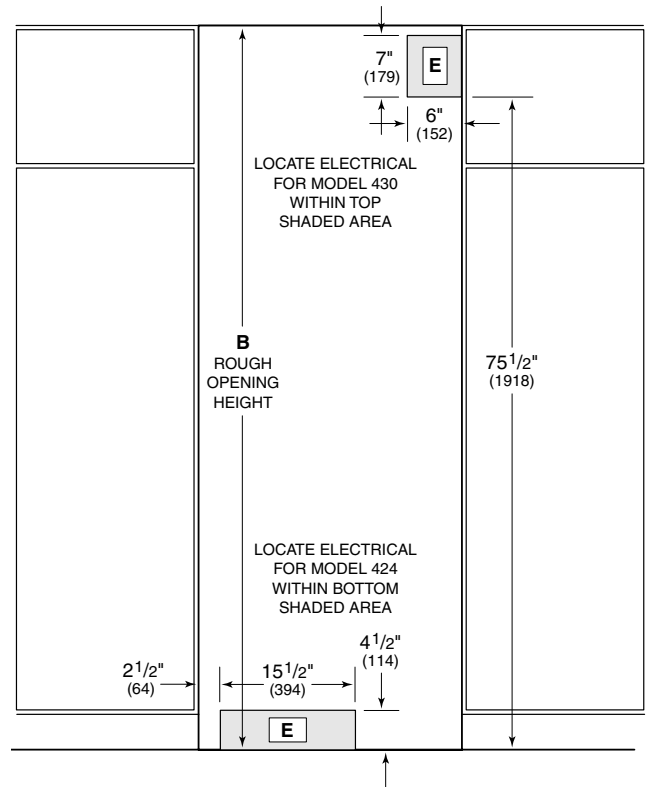
Sub-Zero Warranty. Like all Sub-Zero units, the 400 Series is covered by the Sub-Zero Freezer Company Products Limited Warranty, exclusions apply. See page 70 for details.

WINE STORAGE

PRE-INSTALLATION SPECIFICATIONS



Pre-Installation Specifications – Models 427 and 427R



Pre-Installation Specifications – Models 424 and 430

Model	424	427	427R	430
Finished Rough Opening Width (A)	24" (610)	27" (686)	27" (686)	29 1/2" (749)
Finished Rough Opening Height (B)	34 1/2" (876)	80" (2032)	80" (2032)	83 3/4" (2127)
Minimum Height Required	34 1/4" (870)	79 1/2" (2019)	79 1/2" (2019)	82 7/8" (2105)

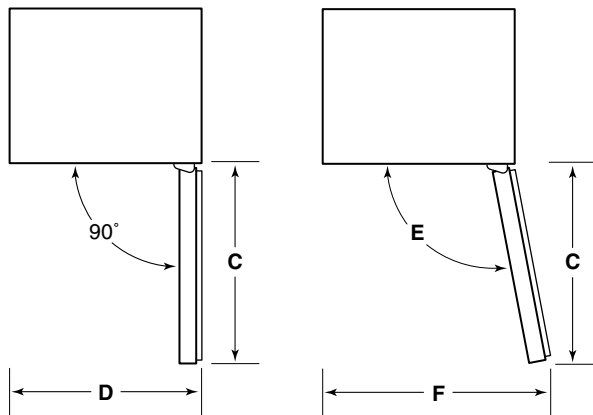
NOTE: The free-standing Model 424FS requires no surrounding cabinetry.

IMPORTANT NOTE: The depth of Models 427 and 427R is 24" (610) from the front of the unit to its back. Your design may necessitate moving the unit back, or cabinets forward to achieve a flush fit. This will require a minimum rough opening depth of 25" (635). Refer to the illustration.

PLANNING INFORMATION

Review the installation requirements for your particular unit in the Pre-Installation Specifications chart and illustrations on the previous page. 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.

All 400 Series units must be installed so that the door can open a minimum of 90° or you will have problems pulling the wine shelves out. Refer to the door clearance and door swing information in the following illustrations and chart.



Minimum Door Clearance at 90° and at Maximum Door Swing – Models 424, 424FS, 427, 427R and 430

- For corner installations, you need allow for a minimum 3" (76) filler so the door can open to 90°. If you are using some larger handle hardware, you will also need to take that into account.
- For a maximum 90° door opening, use the door stop built into the hinge system of Models 427 and 427R. An optional 90° door stop kit for Model 430 is available from your Sub-Zero dealer.
- If installing a wine unit next to an existing Sub-Zero unit, you may have to allow for a filler strip.
- If installing a wine unit next to an existing Sub-Zero unit, with 2" (51) or less in between units, an optional heater kit (TTDUAL or BBDUAL) will need to be installed to prevent moisture from forming in between units. These optional components are available through your Sub-Zero dealer.
- If you are connecting the unit to your home security system, you must allow a minimum of 36" (914) of the system's wiring to be routed in the electrical area designated for your respective model.

IMPORTANT NOTE: The anti-tip bracket must be installed to prevent the unit from tipping forward.

Refer to the full-scale illustrations at the end of this section for specifics on door openings and other specifications.

Installation procedures are covered in detail in the Sub-Zero 400 Series Installation Guide accompanying the unit.

Model	424	424FS	427	427R	430
Minimum Door Clearance (C)	25 ³ / ₈ " (645)	25 ³ / ₈ " (645)	25 ¹ / ₂ " (648)	25 ¹ / ₂ " (648)	30 ¹ / ₈ " (765)
Minimum Clearance at 90° Door Swing (D)	26" (660)	26" (660)	28" (711)	28" (711)	33" (838)
Maximum Door Swing (E)	145°	145°	105°	105°	130°
Minimum Clearance at Maximum Door Swing (F)	44" (1118)	44" (1118)	35" (889)	35" (889)	50" (1270)

NOTE: Door swing clearances are based on stainless steel door and handle dimensions.

Dimensions in parentheses are in millimeters unless otherwise specified.

INTEGRATING CABINETRY

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, 424FS 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 and handles installed.

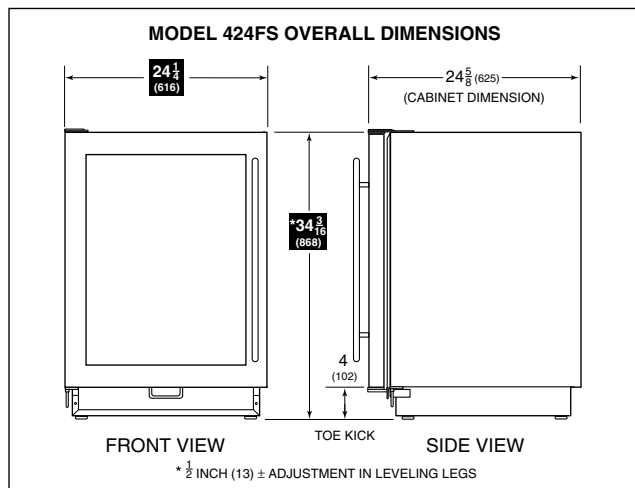
400 Series solid door models are available as a special order. You must allow 90 days from the time of order until you can expect delivery.

⚠ CAUTION

A solid panel **must not** be installed on a glass door unit, as this may cause moisture to form behind the panel.

MODEL 424FS – FREE-STANDING

The free-standing Model 424FS does not require any panels or surrounding cabinetry. It has a beautiful classic stainless steel exterior, door frame and handle. Refer to the Overall Dimensions illustration below for the Model 424FS.



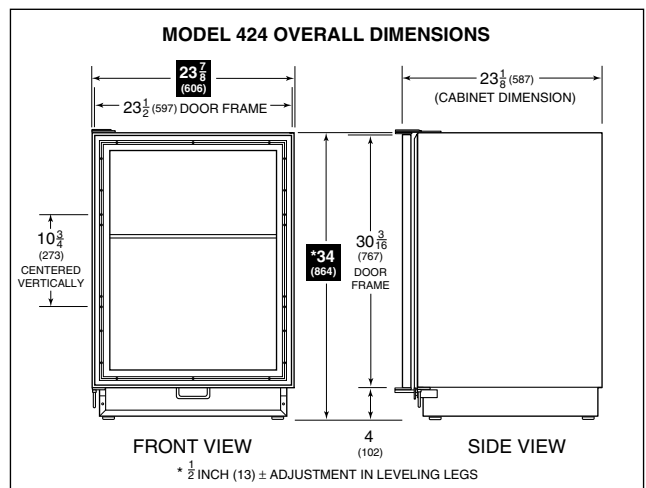
MODEL 424 – OVERLAY PANELS

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" (16) or 3/4" (19) 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 the Overall Dimensions and Cabinetry Dimensions illustrations for Model 424 to give you a better idea of the exact space our unit needs and how the panel fits in relationship with the unit. The panel specifications chart will provide panel sizing information.

The glass door opening of the standard Model 424 is designed to be exposed to room air circulation. Decorative overlays on the glass should be kept to a minimum. Also, 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 in the overall dimensions illustrations the location of pre-drilled holes for optional handle hardware. Refer to page 57 for specifics about installing handle hardware on this overlay application.



Overlay Panel Specifications – Model 424

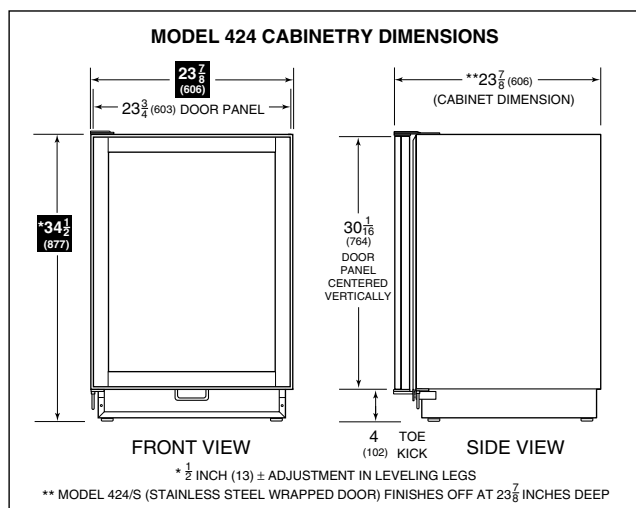
Door Panel	23 ³ / ₄ " (603) W x 30 ¹ / ₁₆ " (764) H
Minimum Width of Rails and Stiles	2 ¹ / ₄ " (57)
Door Frame Panel Weight Limit	10 lbs (5 kg)
Solid Door Panel Weight Limit	20 lbs (9 kg)
Minimum Panel Thickness	⁵ / ₈ " (16)

IMPORTANT NOTE: 400 Series models with a solid door are available as a special order and require 90 days for delivery. When ordering panels for a solid door unit, follow the overall panel dimensions indicated in the chart, rail and stile dimensions do not apply.

⚠ CAUTION

A solid panel **must not** be installed on a glass door unit, as this may cause moisture to form behind the panel.

IMPORTANT NOTE: 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° and not interfere with the door panel. Refer to the full-scale illustration on page 60.

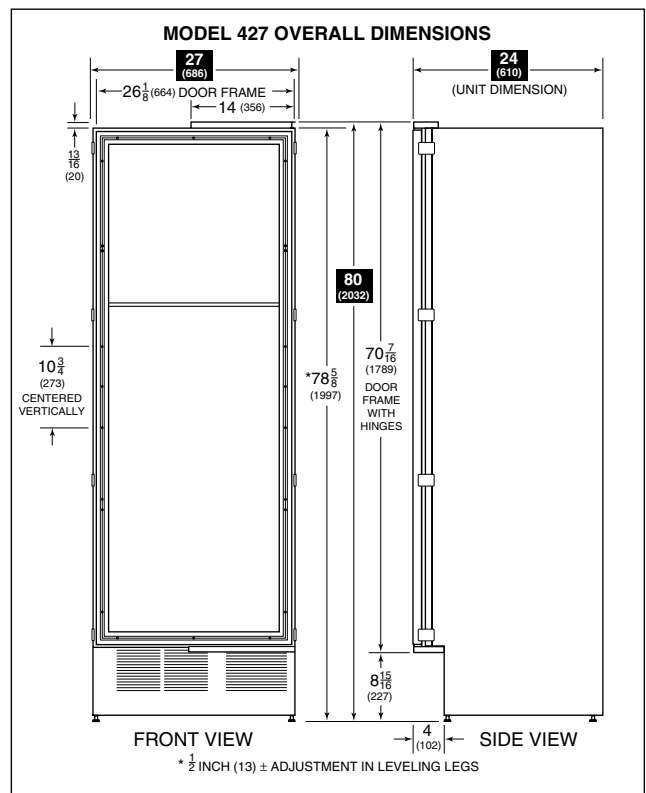


MODELS 427 AND 427R – INTEGRATED PANELS

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.

Refer to the Overall Dimensions and Cabinetry Dimensions illustrations for Models 427 and 427R for the exact space these units need and how the panels fit in relationship with the unit. The panel specifications charts provide panel sizing information.



Dimensions in parentheses are in millimeters unless otherwise specified.

IMPORTANT NOTE: The depth of Models 427 and 427R is 24" (610) from the front of the unit to its back. You **MUST** allow for the thickness of the panel you are applying when planning for the finished rough opening depth if you want the front panel to be flush with surrounding cabinetry. You may have to move the unit back into drywall or bring the cabinets forward. Refer to pages 36-40 of the 700 Series section.

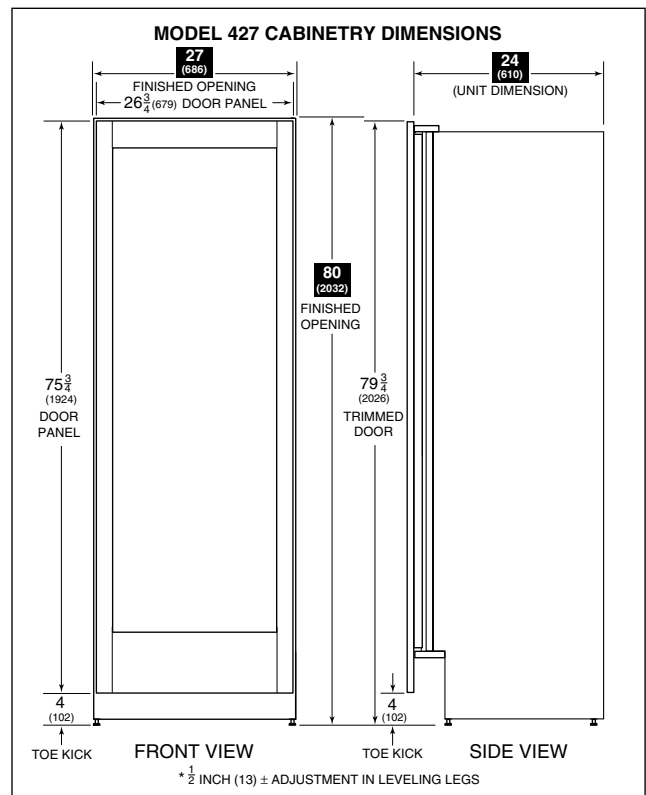
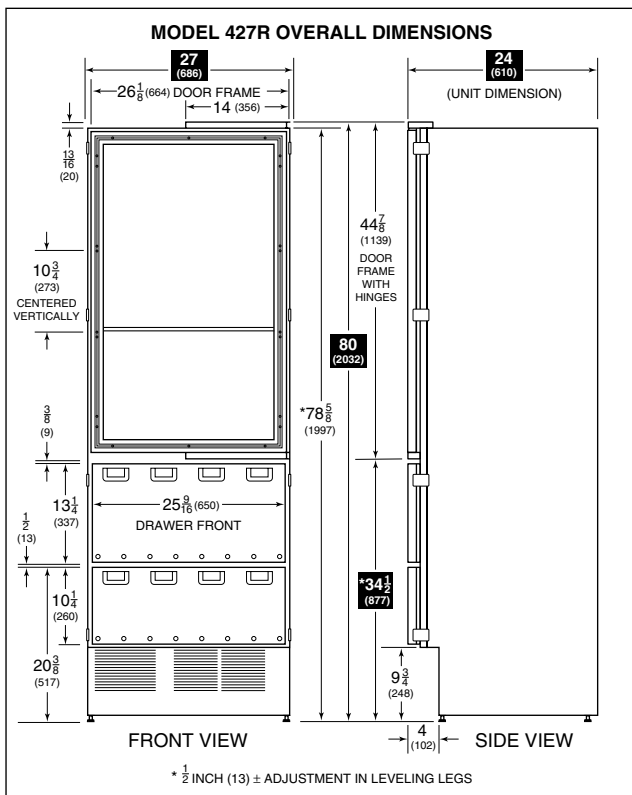
IMPORTANT NOTE: The glass door opening of the standard Models 427 and 427R is designed to be exposed to room air circulation. Decorative overlays on the glass should be kept to a minimum. While the cabinet front stiles are a minimum of 2-1/4" (57) for both Models 427 and 427R, the top and bottom rails 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" (2032) in height overall and have a 4" (102) toe kick for the Model 427. If you finish off at 84" (2134) for instances, you must add 4" (102) additional to the overall height of the panel and remember to add 4" (102) to the top rail. Likewise, if you allow for a 6" (152) toe kick for the Model 427, you must subtract 2" (51) from the bottom rail.

Door panels for Models 427 and 427R can grow beyond the 80" (2032) height to accommodate any size of door as long as you stay below door panel weight limit of 20 lbs (9 kg) for glass door units and 40 lbs (18 kg) for solid door units. Refer to the specifications under Door Panel Height on page 40 of the 700 Series section.

IMPORTANT NOTE: The toe kick area on the Model 427 cannot be larger than 6" (152), and no larger than 9" (229) for the 427R.

Please note in the overall dimensions illustrations the location of pre-drilled holes for optional handle hardware. Refer to page 57 for specifics about installing handle hardware on this overlay application.

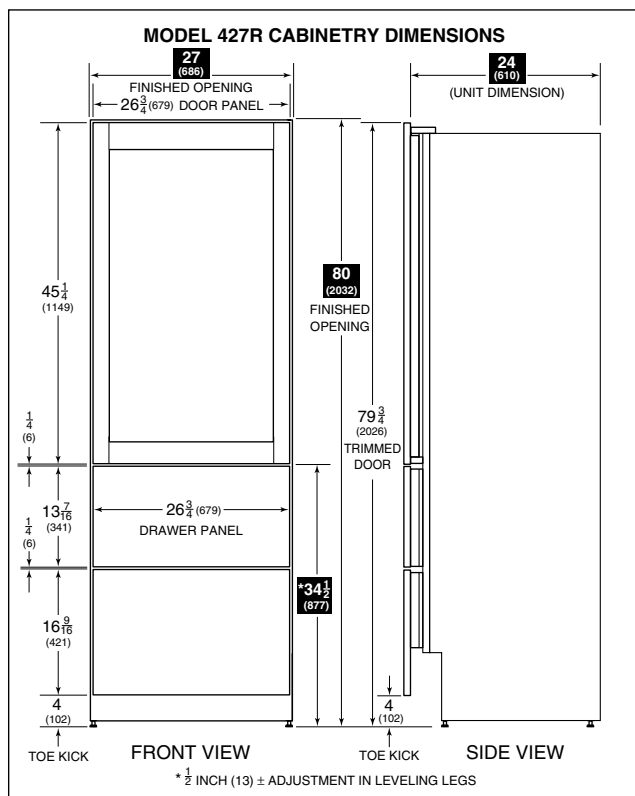


IMPORTANT NOTE: If you are installing Sub-Zero's optional lock kit on a Model 427 or 427R, you may have to order door panels that exceed the 80" (2032) finishing height. Consult the lock installation instructions and see if your panels will allow for an adequate installation.

Integrated Panel Specifications – Model 427

Door Panel	26 ³ / ₄ " (679) W x 75 ³ / ₄ " (1924) H
Minimum Width of Top Rail	3 ⁵ / ₈ " (92)
Width of Bottom Rail	8" (203)
Minimum Width of Stiles	2 ¹ / ₄ " (57)
Door Frame Panel Weight Limit	20 lbs (9 kg)
Solid Door Panel Weight Limit	40 lbs (18 kg)
Minimum Panel Thickness	⁵ / ₈ " (16)

IMPORTANT NOTE: In the following chart for Model 427R, the bottom drawer panel height is based on a 4" (102) toe kick. If you want to show a 6" (152) toe kick, you must subtract 2" (51) from the bottom drawer panel height.



Integrated Panel Specifications – Model 427R

Door Panel	26 ³ / ₄ " (679) W x 45 ¹ / ₄ " (1149) H
Minimum Width of Top Rail	3 ⁵ / ₈ " (92)
Minimum Width of Bottom Rail	3" (76)
Minimum Width of Stiles	2 ¹ / ₄ " (57)
Door Frame Panel Weight Limit	20 lbs (9 kg)
Solid Door Panel Weight Limit	40 lbs (18 kg)
Top Drawer Panel	26 ³ / ₄ " (679) W x 13 ⁷ / ₁₆ " (341) H
Bottom Drawer Panel	26 ³ / ₄ " (679) W x 16 ⁹ / ₁₆ " (421) H
Drawer Panel Weight Limit	12 lbs (5 kg) each
Minimum Panel Thickness	⁵ / ₈ " (16)

IMPORTANT NOTE: 400 Series models with a solid door are available as a special order and require 90 days for delivery. When ordering panels for a solid door unit, follow the overall panel dimensions indicated in the chart, rail and stile dimensions do not apply.

CAUTION

A solid panel **must not** be installed on a glass door unit, as this may cause moisture to form behind the panel.

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 Model 632 in height, you will need to be aware of some of flexibility and limitations these issues give you.

Refer to the Overall Dimensions and Cabinetry Dimensions illustrations for Model 430 for the exact space our unit needs and how the panel fits in relationship with the unit. The panel specifications charts provide panel sizing for framed and overlay applications.

IMPORTANT NOTE: 400 Series models with a solid door are available as a special order and require 90 days for delivery. When ordering panels for a solid door unit, follow the overall panel dimensions indicated in the chart, rail and stile dimensions do not apply.

Dimensions in parentheses are in millimeters unless otherwise specified.

⚠ CAUTION

A solid panel **must not** be installed on a glass door unit, as this may cause moisture to form behind the panel.

MODEL 430 – FRAMED PANELS

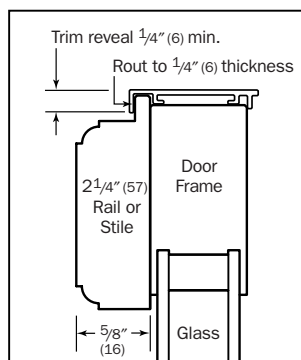
Unlike the Model 611, you cannot use a 1/4" (6) panel to cover the glass door. It is fine when applying a panel to the solid door, but in either instance, you should consider using raised panels with a minimum 5/8" (16) thickness.

When using a raised, framed panel, you must allow for the edge to be routed 1/4" (6) around the panel to ensure a proper fit. See illustration 1.

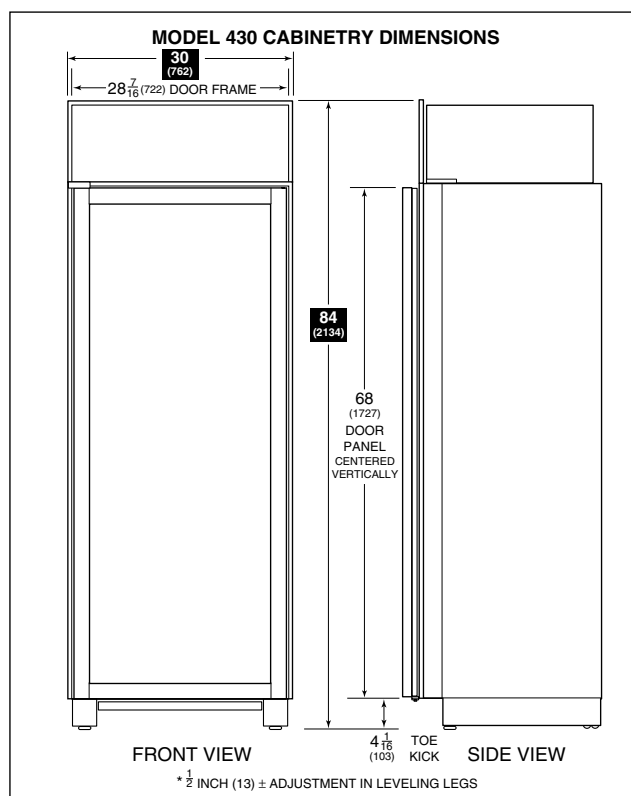
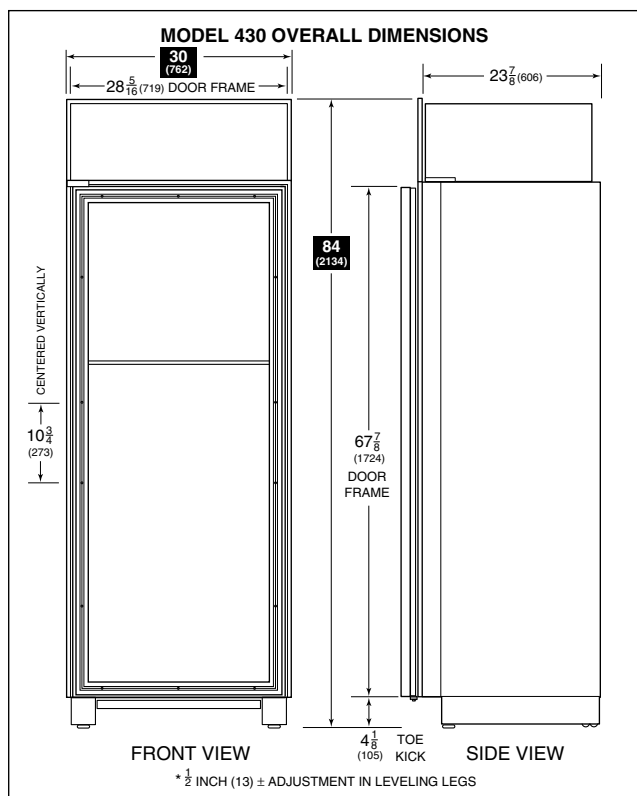
With the framed Model 430, you will receive an extruded handle identical in appearance to the 600 Series units. However, it will be an extended handle and will enable you to use raised panels without providing finger clearance to open the door.

Framed Panel Specifications – Model 430

Framed Door Panel	28 ¹ / ₈ " (714) W x 67 ¹¹ / ₁₆ " (1719) H
Minimum Width of Rails and Stiles	2 ¹ / ₄ " (57)
Door Frame Panel Weight Limit	25 lbs (11 kg)
Solid Door Panel Weight Limit	50 lbs (23 kg)
Minimum Panel Thickness	5 ⁵ / ₈ " (16)



Illus. 1



MODEL 430 – OVERLAY PANELS

Your overlay unit will be shipped without handle hardware and with an 11" (279) 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 and/or countertops when the door is opened. Refer to the full-scale illustrations at the end of the 600 Series section.

To achieve the overlay look, you need three different panels –the decorative overlay panel, a 0.10" (3) spacer panel and a 1/4" (6) 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 2 and 3 will give you a better idea of the panel construction and how it interacts with our frame.

The glass door opening of the standard Model 430 is designed to be exposed to room air circulation. Decorative overlays on the glass should be kept to a minimum. Also, 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.

As with the Sub-Zero 600 Series equipment, you have the flexibility of ordering larger or smaller 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 15 or 18 of the 600 Series section of this Design Guide.

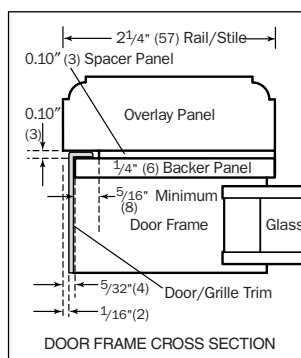
In addition, side panel information for a Model 430 is available on page 19 of this Design Guide.

Overlay Panel Specifications – Model 430

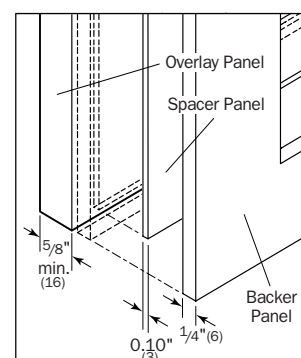
Overlay Door Panel	28 ⁷ / ₁₆ " (722) W x 68" (1727) H
Spacer Panel	27 ¹ / ₂ " (699) W x 67 ¹ / ₁₆ " (1073) H
Backer Panel	28 ¹ / ₈ " (714) W x 67 ¹¹ / ₁₆ " (1719) H
Minimum Width of Rails and Stiles	2 ¹ / ₄ " (57)
Door Panel Weight Limit	25 lbs (11 kg)
Solid Door Panel Weight Limit	50 lbs (23 kg)
Minimum Panel Thickness	⁵ / ₈ " (16)

Grille Panel Specifications – Model 430

Overlay Grille Panel	28 ⁷ / ₁₆ " (722) W x 10 ¹ / ₄ " (260) H
Spacer Panel	27 ¹ / ₂ " (699) W x 9 ⁵ / ₁₆ " (236) H
Backer Panel	28 ¹ / ₈ " (714) W x 9 ¹⁵ / ₁₆ " (252) H
Grille Panel Weight Limit	15 lbs (7 kg)
Minimum Panel Thickness	⁵ / ₈ " (16)



Illus. 2



Illus. 3

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.

The Wine Shelf Wood Facing Dimensions illustration at the end of this section, can be used as a full-scale template. 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.

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. We recommend using a pull handle and not a pull knob.

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.

Optional stainless steel handles are available in a variety of diameters and lengths, as well as handles to match the color and style of Wolf ovens. Contact your Sub-Zero dealer for specifics.

⚠ CAUTION

When planning for hardware, refer to the Door Frame Profile full-scale illustration at the end of this section 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.

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.

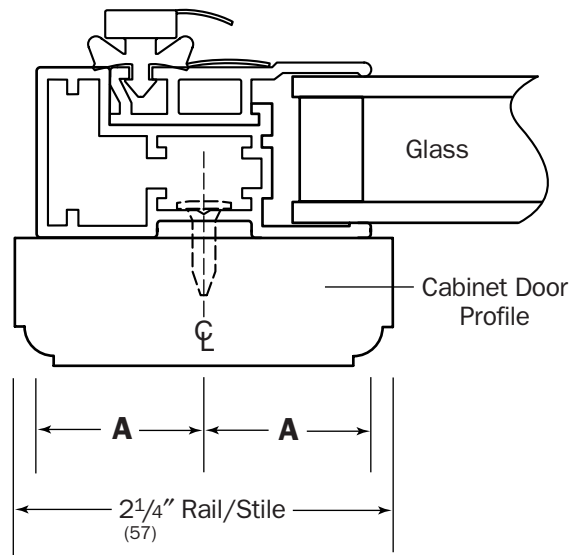
All Sub-Zero 400 Series units are equipped with a power supply cord with a 3-prong grounding plug and it must be plugged into a mating 3-prong grounding type wall receptacle. Follow the National Electrical Code and local codes and ordinances when installing the receptacle. Refer to the Pre-Installation Specifications illustrations and chart on pages 49-50 for exact specifications.

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

SERVICE INFORMATION

If your client needs service, advise them to locate the model and serial numbers on the plate attached to the underside of the top wall of the appliance for Models 424 and 424FS, and underside of the control panel/divider wall for Models 427, 427R and 430. Also advise your client to fill out all product registration forms and return to the factory, to assure the customer is in our database. Contact a Sub-Zero Factory Authorized Service Center, your dealer, or Sub-Zero Freezer Company, Customer Service Department, at P.O. Box 44130, Madison, WI 53744-4130, call (800) 222-7820, or e-mail us at customerservice@subzero.com.

DOOR FRAME PROFILE



DOOR FRAME PROFILE

FULL-SCALE TEMPLATES

The full-scale illustrations on the following pages enable you to understand some of the unique situations you may face as you plan for the installation of the 400 Series units. Use these illustrations as templates.

The full-scale illustration above is typical of the Model 424 door frame profile, details of the other 400 Series door frames will vary slightly.

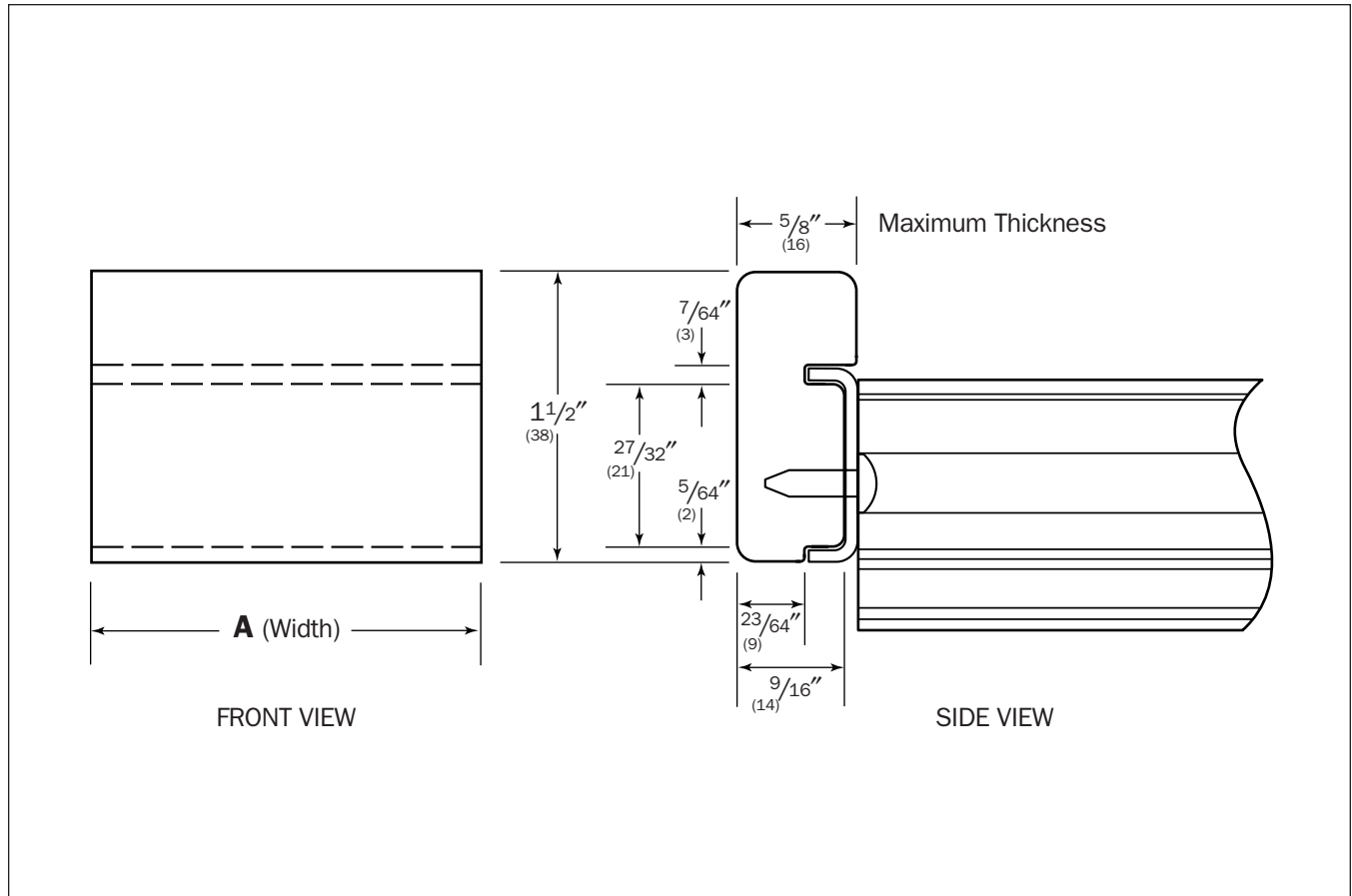
IMPORTANT NOTE: Rails and stiles must be a minimum of 2-1/4" (57) wide (except for the rails of Models 427 and 427R, which must be wide enough to cover the door hinges). The back sides of rails and stiles that will be visible through the glass door will need to be finished.

Door Frame Handle Offset – Dimension (A)

Model 424	1" (25)
Model 427	7/8" (22)
Model 427R	7/8" (22)
Model 430	15/16" (24)

WINE STORAGE

WINE SHELF WOOD FACING DIMENSIONS



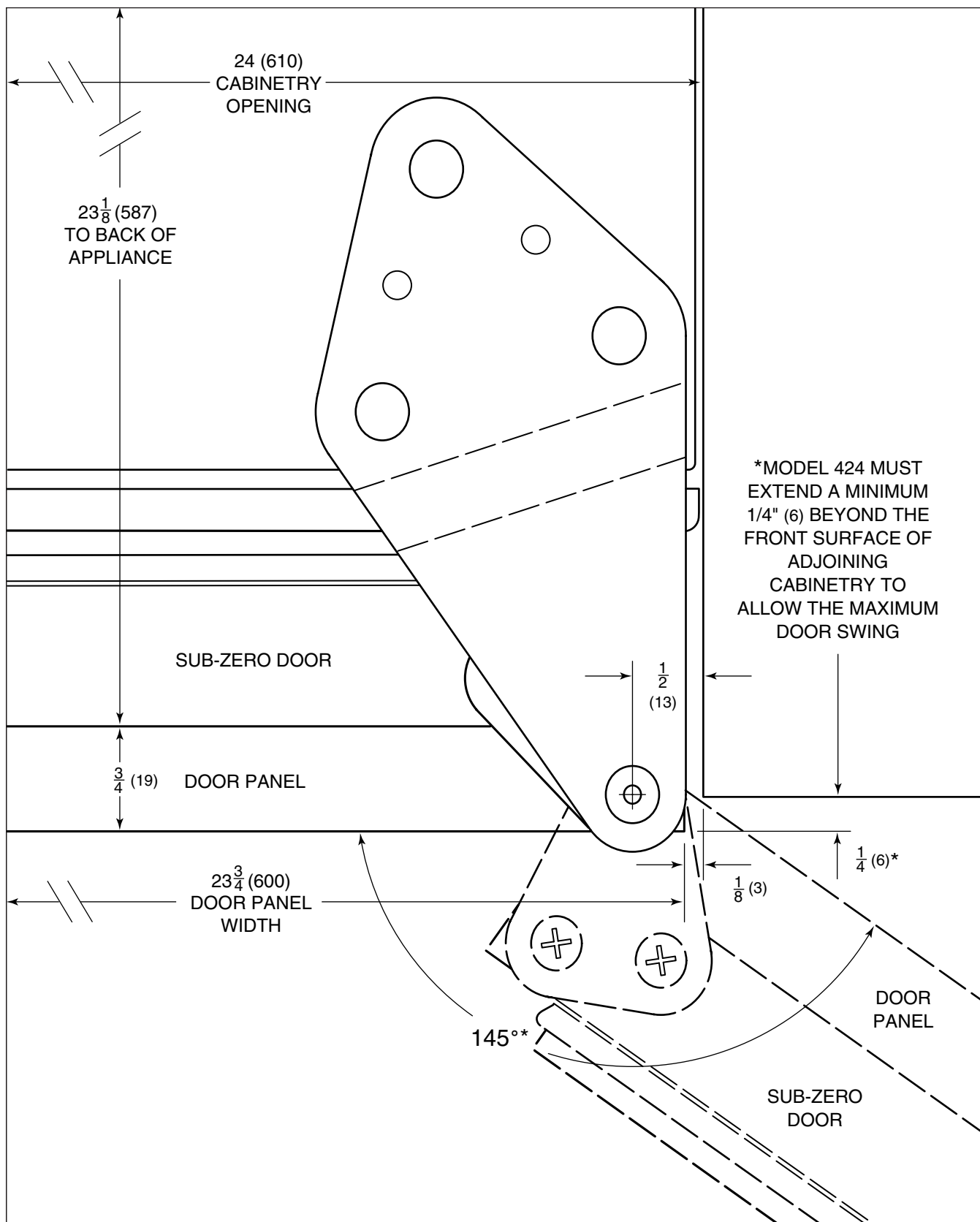
The full-scale illustration above provides the dimensions you will need, should you choose to replace the natural cherry wood facing of each wine shelf with wood more complementary to your design and surrounding cabinetry.

Wine Shelf Wood Facing – Dimension (A)

Model 424	19 $\frac{1}{2}"$ (495)
Model 424FS	19 $\frac{1}{2}"$ (495)
Model 427	20 $\frac{15}{16}"$ (532)
Model 427R	20 $\frac{15}{16}"$ (532)
Model 430	24 $\frac{9}{16}"$ (624)

Dimensions in parentheses are in millimeters unless otherwise specified.

MODEL 424 – DOOR CLOSED AND 145° MAX OPENING



The full-scale illustration above shows what considerations you need to make for the installation of Model 424, and how the maximum door opening may interact with adjacent cabinets and countertops.

200 SERIES

CREATING SOLUTIONS FOR HOME REFRIGERATION

Aside from the full-size units that Sub-Zero offers in its 600, 700 and 400 Series lines of refrigeration and wine storage equipment, we round out our product line-up with a line of traditional undercounter refrigeration.

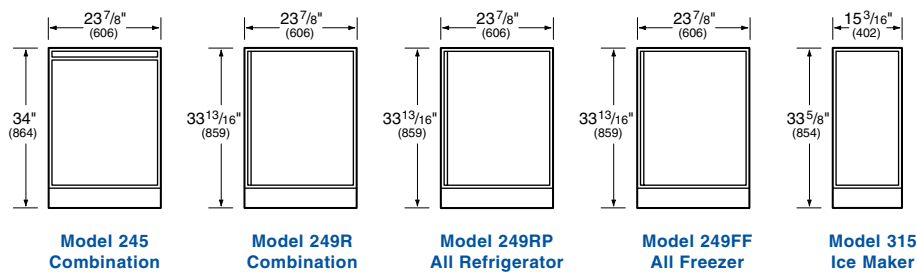
Our undercounter line consists of two different refrigerator/freezer combinations, an all refrigerator model, an all freezer model and an ice maker.

The 200 Series units accept decorative door panels to fit any decor and can be built in to fit flush with virtually any base cabinet style. Optional door panels in white, almond and stainless steel are available for Models 245, 249R, 249RP and 249FF. Optional stainless steel panels and handles for Model 315 are offered in the classic, platinum and carbon stainless steel finishes. All of these optional door panels are ordered and shipped as sales accessories. Contact your Sub-Zero dealer for details. Equally important, they are all backed by one of the best warranties in the industry.

The illustrations below represent the full line of Sub-Zero 200 Series undercounter models.

Comprehensive installation instructions are shipped with each unit. Refer to those instructions in preparing and installing all Sub-Zero products, call Sub-Zero Freezer Company at (800) 222-7820 or check our website at www.subzero.com.

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



200 SERIES

Model 245

SPECIFICATIONS

Combination

23⁷/₈"W x 34"H x 24"D
(606 x 864 x 610)

Refrigerator Capacity
3 cu ft (85 L)

Freezer Capacity
1.9 cu ft (54 L)

Minimum Height Required
34" (864)

Door Swing Clearance
25¹³/₁₆" (656)

Specify LH or RH Door Swing

Annual Energy Usage
447 kWh / \$37*

Shipping Weight
139 lbs (63 kg)

FEATURES

2 Stationary Shelves
2 Door Shelves
Automatic Ice Maker
Automatic Defrost

Model 249R

SPECIFICATIONS

Combination

23⁷/₈"W x 33¹³/₁₆"H x 24"D
(606 x 859 x 610)

Refrigerator Capacity
4.4 cu ft (125 L)

Freezer Capacity
.7 cu ft (20 L)

Minimum Height Required
34¹/₄" (870)

Door Swing Clearance
25³/₈" (645)

Specify LH or RH Door Swing

Annual Energy Usage
357 kWh / \$30*

Shipping Weight
120 lbs (54 kg)

FEATURES

2 Removable Shelves
1 Stationary Shelf
3 Door Shelves
Manual Defrost

Model 249RP

Energy Star Qualified

SPECIFICATIONS

All Refrigerator

23⁷/₈"W x 33¹³/₁₆"H x 24"D
(606 x 859 x 610)

Refrigerator Capacity
4.9 cu ft (139 L)

Minimum Height Required
34¹/₄" (870)

Door Swing Clearance
25³/₈" (645)

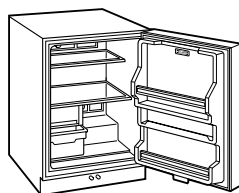
Specify LH or RH Door Swing

Annual Energy Usage
334 kWh / \$28*

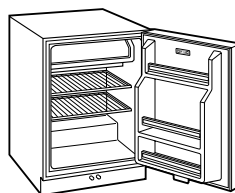
Shipping Weight
117 lbs (53 kg)

FEATURES

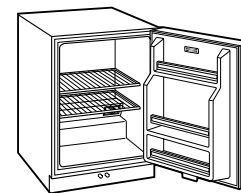
2 Removable Shelves
1 Stationary Shelf
3 Door Shelves



Model 245



Model 249R



Model 249RP

Model 249FF

MODEL OPTIONS

249FFI Automatic Ice Maker

SPECIFICATIONS

All Freezer

23⁷/₈"W x 33¹³/₁₆"H x 24"D
(606 x 859 x 610)

Freezer Capacity
4.6 cu ft (130 L)

Minimum Height Required
34¹/₄" (870)

Door Swing Clearance
25³/₈" (645)

Specify LH or RH Door Swing

Annual Energy Usage
482 kWh / \$40*

Shipping Weight
135 lbs (61 kg)

FEATURES

2 Removable Shelves

1 Stationary Shelf

Automatic Ice Maker
(Model 249FFI)

Automatic Defrost

Model 315

MODEL OPTIONS

315P Drain Pump Model

SPECIFICATIONS

Ice Maker

15³/₁₆"W x 33⁵/₈"H x 24"D
(386 x 854 x 610)

Ice Storage Capacity
26 lbs (12 kg)

Minimum Height Required
33³/₄" (857)

Door Swing Clearance
15¹/₄" (387)

Reversible Door Swing

Shipping Weight
100 lbs (45 kg)

PANEL OPTIONS

Custom Wood Panel

Classic, Platinum or Carbon
Stainless Steel Finish

FEATURES

Drain Pump (Model 315P)

Automatic Ice Maker

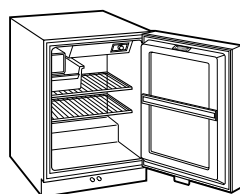
Automatic Defrost

*Annual energy costs are based
on 8.29 cents per kilowatt hour.

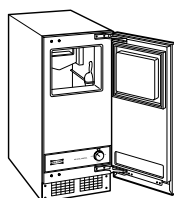
Optional stainless steel panels
for Model 315 are ordered and
shipped as a sales accessory and
include a tubular stainless steel
handle.

Optional panel finishes –
(S) Classic stainless steel
(P) Platinum stainless steel
(B) Carbon stainless steel

Dimensions in parentheses are
in millimeters unless otherwise
specified.



Model 249FF



Model 315

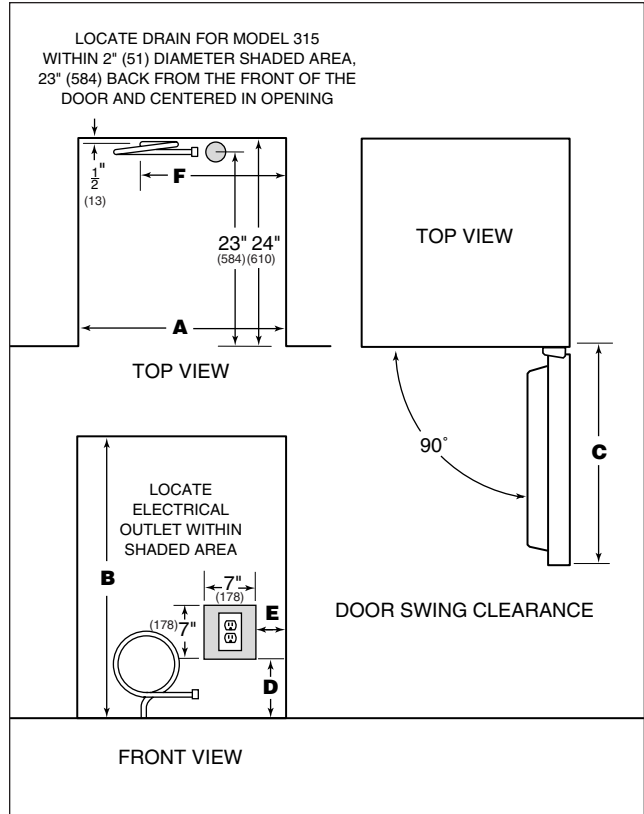
UNDERCOUNTER REFRIGERATION

PLANNING INFORMATION

Refer to the Pre-Installation Specifications illustration and chart for information regarding area requirements, minimum door clearance and the location of electrical and water supply for all Sub-Zero 200 Series models.

The Model 315 can be ordered with or without a pump. If you order the unit without a pump, you must install a drain. Refer to the Pre-Installation Specifications illustration. The drain must be located in a 2" (51) area centered in the opening for the unit, 23" (584) back from the front door.

PRE-INSTALLATION SPECIFICATIONS



Model	245	249R	249RP	249FF	249FFI	315/315P
Finished Rough Opening Width (A)	24" (610)	24" (610)	24" (610)	24" (610)	24" (610)	15 1/4" (387)
Finished Rough Opening Height (B)	34 1/2" (876)	34 1/2" (876)	34 1/2" (876)	34 1/2" (876)	34 1/2" (876)	34 1/2" (876)
Minimum Door Clearance at 90° (C)	25 13/16" (656)	25 3/8" (644)	25 3/8" (644)	25 3/8" (644)	25 3/8" (644)	15 1/4" (387)
Minimum Height Required	34 1/4" (870)	34 1/4" (870)	34 1/4" (870)	34 1/4" (870)	34 1/4" (870)	33 3/4" (857)
Location of Electrical Outlet (D)	1" (25)	10 1/2" (267)	10 1/2" (267)	10 1/2" (267)	10 1/2" (267)	10 1/2" (267)
Location of Electrical Outlet (E)	2" (51)	8 1/2" (216)	8 1/2" (216)	2 1/2" (63)	2 1/2" (63)	2 1/2" (63)
Location of Water Supply (F)	12" (305)	N/A	N/A	N/A	18" (457)	8" (203)

Dimensions in parentheses are in millimeters unless otherwise specified.

PLUMBING AND ELECTRICAL

For Models 245, 249FFI and 315, rough in the water supply line. Connect a 1/4" 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 (4200880) is available from your Sub-Zero dealer. An in-line filter is required when water conditions have a high sediment content. The ice maker operates on water pressure of 20 psi (1.4 bar) to 100 psi (6.9 bar). In some cases a reverse osmosis water filter system may not be able to maintain the minimum pressure.

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 200 Series units are equipped with a power supply cord with a 3-prong grounding plug that 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 the Pre-Installation Specifications illustration and chart on the previous page for location of electrical and water supply.

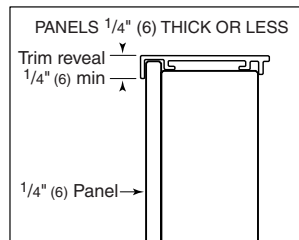
FRAMED DOOR PANELS

The framed door panel design is available for Models 245, 249R, 249RP, 249FF and 249FFI. Framed door panels must be 1/4" (6) thick around the perimeter. If the panel is thicker than 1/4" (6), 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" (6) thick, you must allow 3/8" (10) around the perimeter for the frame. See illustrations 1 and 2. The maximum door panel weight is 20 lbs (9 kg). Refer to the following chart for framed door panel dimensions.

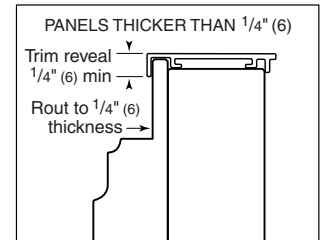
Illustration 3 below shows the handle recess location for framed door panels. Model 245 requires no handle recess.

IMPORTANT NOTE: The Model 245 lower hinge extends out from the side of the unit in the area of the kickplate. When the unit is installed tightly against a full-depth panel or cabinet, there can be interference. Refer to the full-scale illustration on page 68.

To install framed panels, see the detailed procedures outlined in the Sub-Zero 200 Series Installation Guide.

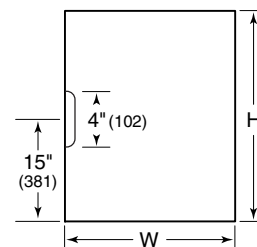


Illus. 1



Illus. 2

Model	Framed Door Panel Dimensions
245	23 1/2" (597) W x 28 1/8" (714) H
249R / 249RP	23 5/8" (600) W x 30" (762) H
249FF / 249FFI	23 5/8" (600) W x 30" (762) H



Illus. 3

OVERLAY DOOR PANELS

The overlay door panel design option is available for Models 249R, 249RP, 249FF and 249FFI. An accessory kit (OVERPAN) is required in order to accommodate the proper installation of these overlay panels.

The overlay design allows for a decorative panel to cover the door trim for a more seamless appearance. To achieve this look, the most common way is to work with three panels – the decorative 3/4" (19) thick overlay panel, a 0.10" (3) thick spacer panel and a 1/4" (6) thick backer panel. The combined weight limit of the panel assembly is 20 lbs (9 kg). Refer to the following chart for overlay door panel dimensions. Also refer to the full-scale illustration on page 69.

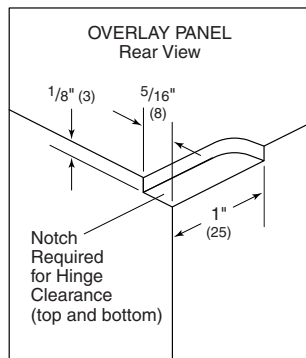
IMPORTANT NOTE: An area must be notched out on the back edge of the overlay panel at both the top and bottom hinges to avoid interference as shown in illustration 4.

DOOR PANEL – MODEL 315

It is important to understand the differences in mounting any wood panel to the Model 315. Refer to the installation instructions packaged with the unit to understand how the panel is installed. It does not require a 1/4" (6) backer. Door panel dimensions are 15" (381) wide by 30-3/8" (771) high and must be a minimum of 5/8" (16) thick. The maximum door panel weight is 15 lbs (7 kg). No handle recess is required.

Overlay Door Panel Dimensions

Overlay Panel	24" (610) W x 30 ^{5/16} " (770) H
Spacer Panel	23" (584) W x 29 ^{3/8} " (737) H
Backer Panel	23 ^{5/8} " (600) W x 30" (762) H



Illus. 4

Dimensions in parentheses are in millimeters unless otherwise specified.

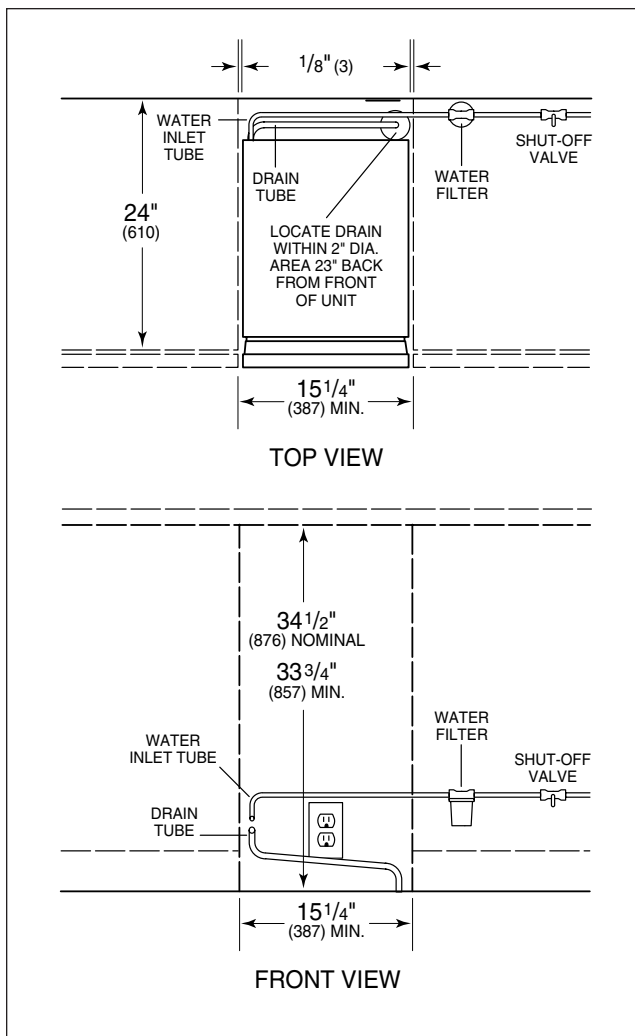
MODELS 315 AND 315P – GRAVITY DRAIN OR DRAIN PUMP

This ice maker can be ordered with a pump (Model 315P) or without a pump (Model 315). Models without a drain pump drain their water by gravity. However, gravity drain models may be converted to pump models through the installation of a drain pump kit and drain pump.

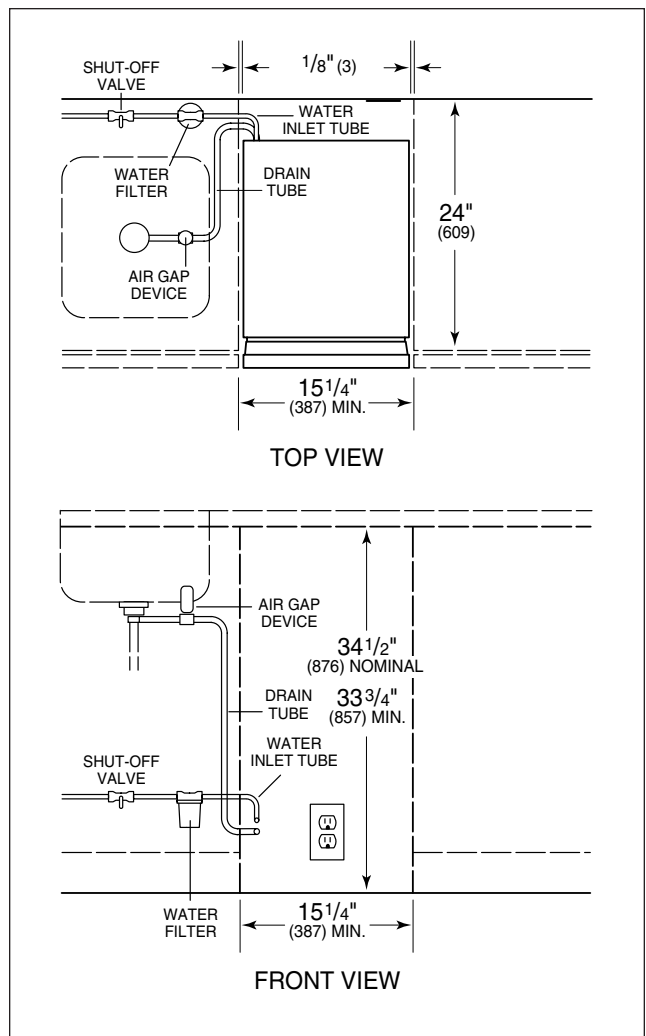
Specific step-by-step instructions are included with the drain pump kit. Contact your Sub-Zero dealer for specifics.

The drain and inlet water tubes must be plumbed before connecting to the ice maker. For the gravity drain, all horizontal runs of drain lines must have a 1/4" (6) per 1' (305) fall. An air gap will likely be required between the ice maker drain tube and the drain/waste receptacle. A stand pipe with a trap below it would be acceptable for the drain/waste receptacle. Refer to illustration 5 for the Model 315 gravity drain and illustration 6 for the Model 315P drain pump.

IMPORTANT NOTE: Poor draining will cause a high rate of ice melting in the bin.



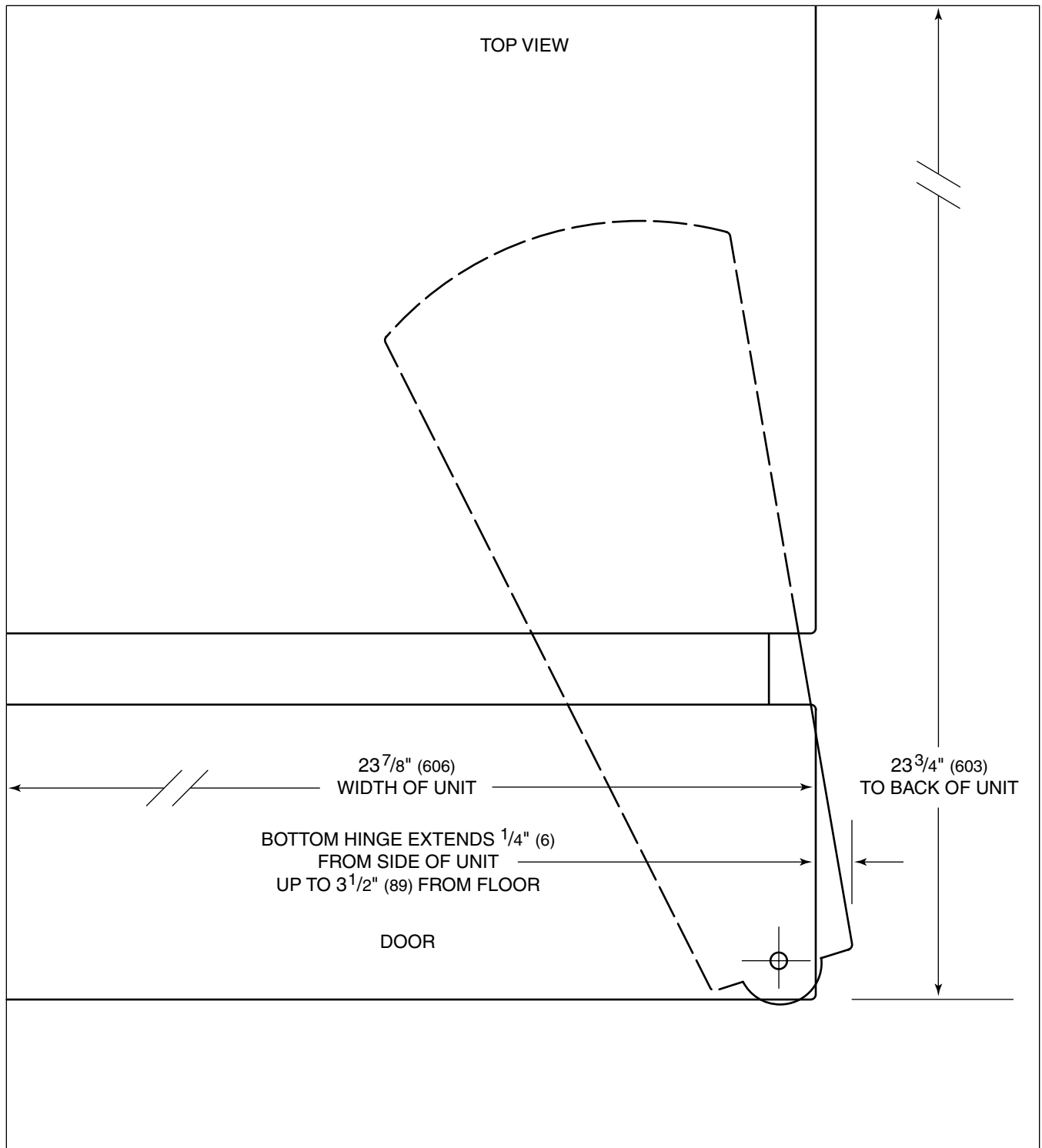
Illus. 5



Illus. 6

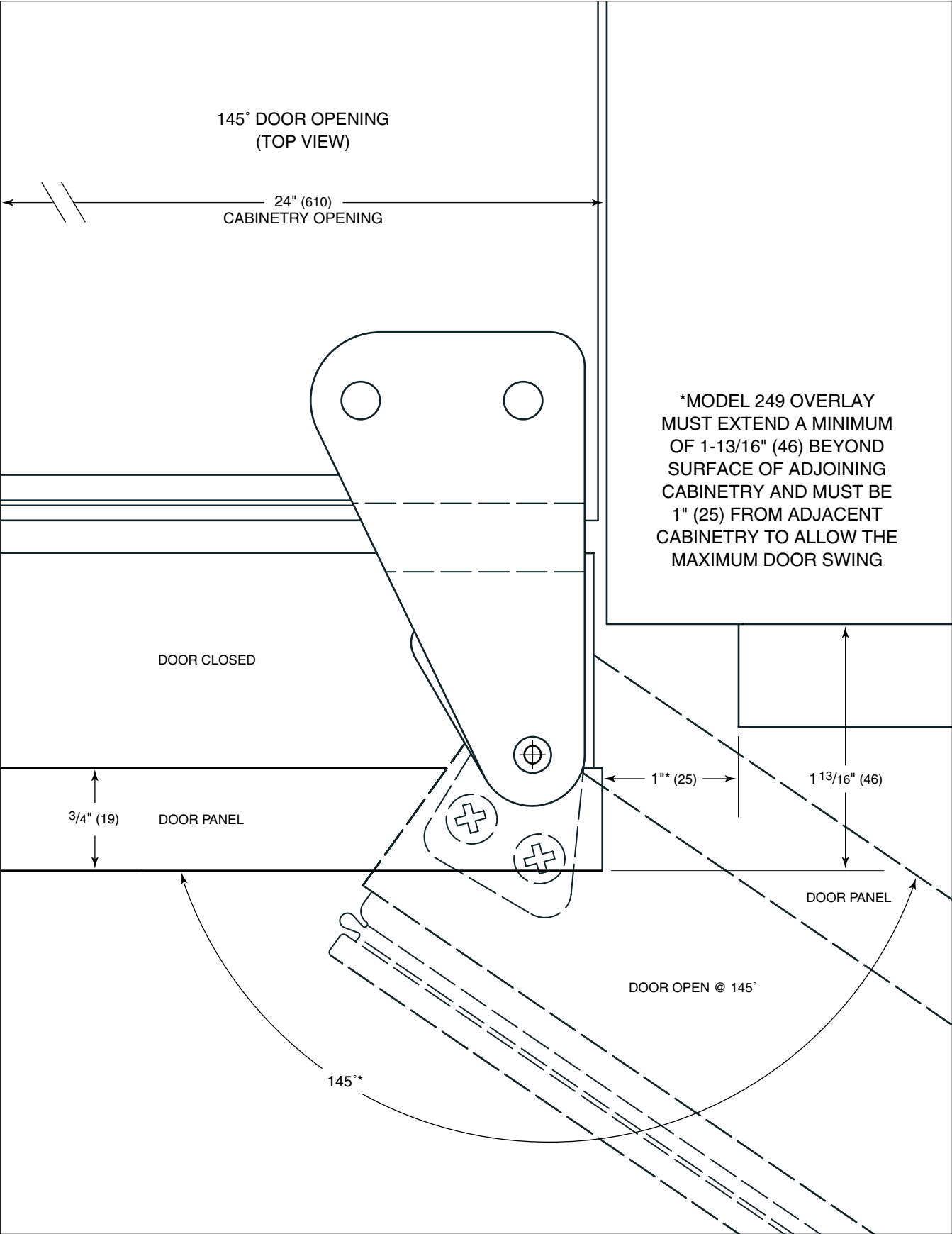
UNDERCOUNTER REFRIGERATION

MODEL 245 – LOWER HINGE



Dimensions in parentheses are in millimeters unless otherwise specified.

OVERLAY PANELS – MODELS 249R, 249RP, 249FF AND 249FFI



Dimensions in parentheses are in millimeters unless otherwise specified.

SUB-ZERO FREEZER COMPANY PRODUCTS LIMITED WARRANTY

RESIDENTIAL USE ONLY

FULL FIVE YEAR SEALED SYSTEM WARRANTY LIMITED SIXTH THROUGH TWELFTH YEAR WARRANTY ON THE SEALED SYSTEM FULL TWO YEAR WARRANTY ON TOTAL PRODUCT*

FULL FIVE YEAR SEALED SYSTEM WARRANTY

For five years from the date of original installation, your 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, your 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 SIXTH THROUGH TWELFTH YEAR SEALED SYSTEM WARRANTY

From the 6th through the 12th year from the date of original installation, your 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 an authorized Sub-Zero service center, 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 to you. This warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.

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

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





SUB-ZERO® is a registered trademark of Sub-Zero Freezer Company, Inc.



SUB-ZERO FREEZER COMPANY, INC.

4717 Hammersley Road Madison, Wisconsin 53711 (800) 222-7820 (608) 271-2233 www.subzero.com