

SUB-ZERO DESIGN GUIDE





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*Features and specifications indicated herein and on our website are subject to change at any time without notice. Check our website, [subzero.com](http://subzero.com), for the most up-to-date specifications.*

## WELCOME TO SUB-ZERO

We make the ultimate built-in, integrated and undercounter refrigerators, 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, rather, an opportunity to exercise your creativity.

Sub-Zero has rethought traditional built-in refrigeration, a category it pioneered, with over 60 years of experience. When our complete line of configurations—all refrigerator and all freezer, over-and-under, or side-by-side—are coupled with three design alternatives and classic, platinum and carbon stainless steel finishes, the result is unlimited flexibility in satisfying your client’s needs for residential refrigeration.

Created to blend invisibly into your home’s decor, the Integrated line lets you incorporate refrigeration anywhere in the house—the kitchen, master suite, media room or workout room. These tall units or two-drawer base refrigerators, freezers and combination units can be hidden inside the furniture or cabinetry of your choosing.

Sub-Zero is breaking with conventional ways of offering Wine Storage for designers and their clients. Our Built-In and Integrated models, along with the free-standing Model 424FS, offer unlimited design and storage capabilities.

Our reputation is legendary. We have engineered and manufactured the best products in the business, and we stand behind our products with an unsurpassed warranty and a network of technicians to help you if service is necessary. See details of our warranty at the end of this guide.

Comprehensive installation instructions are shipped with each model. Refer to those instructions in preparing and installing all Sub-Zero products. These instructions along with product specifications and downloadable 2D and 3D CAD files, as well as pdf files can be found on our website, [subzero.com](http://subzero.com).

## CONTACT INFORMATION

**Sub-Zero Customer Service:**  
**800-222-7820**

**Website:**  
**[subzero.com](http://subzero.com)**

## 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 Sub-Zero equipment. There are two types of potential hazards that may occur during 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.



**BUILT-IN REFRIGERATION**

Sub-Zero's Built-In line 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 and the professional treatment of the wrapped stainless steel doors.

Aside from the classic stainless steel, Sub-Zero offers platinum and carbon premium stainless steel finishes on its Built-In models and many related accessories. The only exception to these design alternatives are Models 648PRO and 648PROG, which are offered only in the classic stainless steel design application. In addition, Models 685 and 695 are offered in framed, overlay and classic stainless steel (not platinum or carbon).

Glass doors are available on our Models 601R, 611 and 650. They each come in a framed, overlay and stainless steel design. They all meet stringent Department of Energy standards. Model 648PROG also features a glass door in its classic stainless steel look.

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

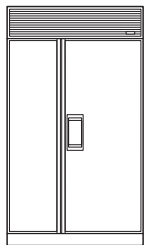
The traditional framed units come with an elegant full-length handle and an 11" (279) louvered grille.

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. The new ice and water dispensing Models 685 and 695 are able to accept overlay panels. Overlay models will come with a standard 11" (279) panel grille that will accept decorative panel inserts. Models 601R, 601RG and 601F are only available with the louvered grille. No panel grille option is available.

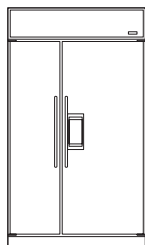
All stainless steel models, with the exception of those mentioned earlier, are offered in the classic stainless steel finish and in the premium finishes of platinum and carbon. Stainless steel models come with a standard 11" (279) heavy-duty grille, 1" (25) diameter stainless steel handles and a stainless 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. Models 601R, 601RG, 601F, 648PRO and 648PROG are the exception and are available only with an 11" (279) grille.

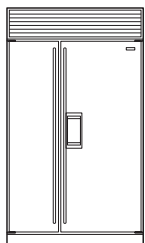
An important step in assuring a successful plan is to make sure that the actual equipment shipped to your installation site matches the design you have ordered. Each of these three design options—framed, overlay and stainless steel—has specific installation requirements, which means it is vital that the unit match your planning and space needs.



**Model 695/F  
Framed**



**Model 695/O  
Overlay**



**Model 695/S  
Classic  
Stainless Steel**

Dimensions in parentheses are in millimeters unless otherwise specified.

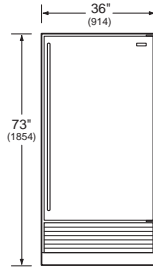


**BUILT-IN REFRIGERATION**

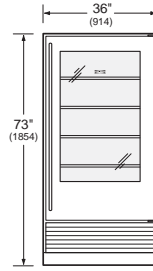
These illustrations represent the full line of Sub-Zero Built-In models shown in the stainless steel design application with heavy-duty grille. Models 648PRO and 648PROG are available as built-in or free-standing units in classic stainless steel only.

For information regarding specific Built-In models, refer to the illustrations in this section. Regardless of the specific design application, framed, overlay or stainless steel, the interior specifications of each model are identical.

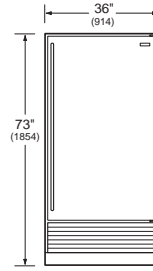
**ALL REFRIGERATOR | ALL FREEZER**



**MODEL 601R**  
All Refrigerator  
Energy Star  
Qualified



**MODEL 601RG**  
All Refrigerator  
with Glass Door  
Energy Star  
Qualified

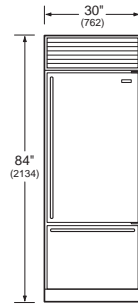


**MODEL 601F**  
All Freezer

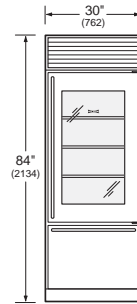
**OVER-AND-UNDER**



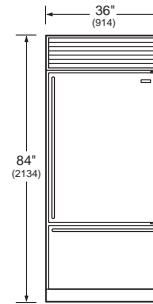
With the installation of a harness kit, these appliances are Star-K compliant to meet strict religious regulations in conjunction with specific instructions found on [www.star-k.org](http://www.star-k.org). Models 648PRO and 648PROG are Star-K certified from the factory with no extra wiring harness required. For details about the harness kit, contact your Sub-Zero dealer.



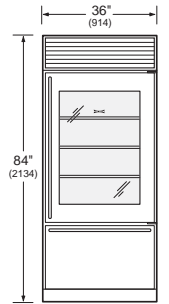
**MODEL 611**  
Energy Star  
Qualified



**MODEL 611G**  
with Glass Door

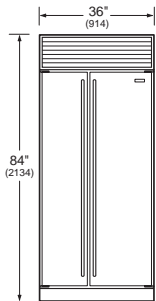


**MODEL 650**  
Energy Star  
Qualified

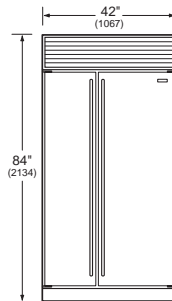


**MODEL 650G**  
with Glass Door

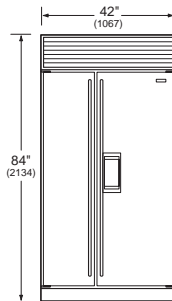
**SIDE-BY-SIDE**



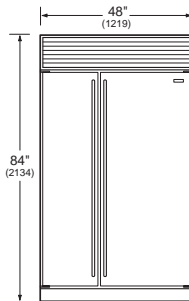
**MODEL 661**



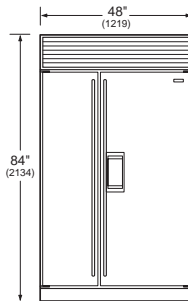
**MODEL 642**



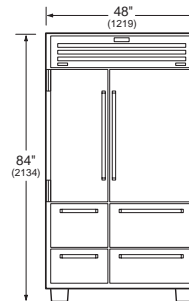
**MODEL 685**  
Ice | Water  
Dispensing



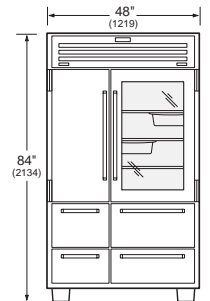
**MODEL 632**



**MODEL 695**  
Ice | Water  
Dispensing



**MODEL 648PRO**  
Free-Standing  
or Built-In



**MODEL 648PROG**  
Free-Standing  
or Built-In

Comprehensive installation instructions are shipped with each model. Refer to those instructions in preparing and installing all Sub-Zero products. The instructions can also be found on our website, [subzero.com](http://subzero.com).



## BUILT-IN FEATURES

**Framed models**—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.

**Overlay models** blend seamlessly into your overall room design and complement surrounding cabinetry. You add decorative hardware. Overlay models come with a panel grille that will accept decorative panel inserts. The new ice and water dispensing Models 685 and 695 are also available in the overlay application.

**Stainless steel models** feature wrapped doors, 1" (25) diameter stainless steel handles and a heavy-duty grille designed specifically to enhance the aesthetics of today's professional looking kitchens. All Built-In stainless steel models are offered in the classic stainless steel finish and in the premium finishes of platinum and carbon, except for Models 685, 695, 648PRO and 648PROG, which are offered in classic stainless steel only. The premium finishes are treated as special orders and must be ordered 90 days before you expect delivery.

**Dual Refrigeration System.** All Built-In combination models have the 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. In addition to two compressors, the PRO 48 has three separate evaporators to keep foods fresher longer and prevent odor transfer.

**Glass Door.** Model 601RG is an all refrigerator unit featuring a glass door. Models 611G and 650G are over-and-under combination units with a glass door on the refrigerator. These glass door models come in framed, overlay and stainless steel designs and meet stringent Department of Energy standards. The side-by-side Model 648PROG features a glass door on the refrigerator side and comes in classic stainless steel only.

**Stainless Steel.** The PRO 48 (Models 648PRO and 648PROG) feature stainless steel construction inside and out with classic finish for professional strength and beauty.

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

**Built-In Design.** True cabinet depth design means every inch of the interior is easy to reach. The PRO 48 can be built in or, with the free-standing accessory kit, used in a free-standing application.

**Fresh Food.** High-humidity crisper drawer with removable dividers is large and deep, with smooth sides for easy cleaning. The top refrigerated drawer on the PRO 48 features a tight-seal, retracting glass crisper lid that keeps produce exceptionally humid and fresh.

**Electronic Controls.** Up-front touch controls give you digital readings for quick, easy-to-read reference. The microprocessor provides supreme control, accurate to within one degree of preset temperatures, automatic defrosting that senses, then adapts to your use patterns, and a service indicator light. The PRO 48 also features exterior temperature displays.

**Advanced Lighting.** Bright lighting spreads even illumination throughout the compartment. The source of the illumination is concealed. The PRO 48 top LED lights bathe upper compartments in a soft glow. On the refrigerator side, channeled sidewall LEDs can even serve as a door-area night-light for Model 648PROG.

**Adjustable Shelves.** Cantilevered glass shelves make repositioning quick and easy. They are easy to clean, spill proof and steel reinforced for durability. The PRO 48 features glass shelves with stainless steel trim in the refrigerator and 100% stainless steel shelves in the freezer.

**Slide-Out Bins.** An exclusive PRO 48 feature—these versatile stainless steel bins hold small items, remove easily, and fit neatly under any shelf.

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

**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. The PRO 48 features a water filter located just behind the easy-access pop-up grille, for ice as pure as it is fresh.

**Energy Efficient.** Our solid core doors improve insulation and structural integrity and help us exceed tough Department of Energy standards. Magnetic gaskets around all doors give extra-tight seals.

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

SUB-ZERO  
WARRANTY

Sub-Zero products are covered by a two, five and twelve year residential warranty (exclusions apply). See warranty details at the end of this guide.

Dimensions in parentheses are in millimeters unless otherwise specified.



**MODEL 601R**

ALL REFRIGERATOR

*Energy Star Qualified*

**MODEL OPTIONS**

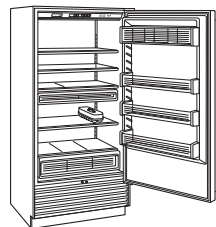
Framed Design	<b>601R/F</b>
Overlay Design	<b>601R/O</b>
Classic Stainless Steel	<b>601R/S</b>
Platinum Stainless Steel	<b>601R/P</b>
Carbon Stainless Steel	<b>601R/B</b>

**SPECIFICATIONS**

Overall Width	<b>36" (914)</b>
Overall Height	<b>73" (1854)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>19.9 cu ft (564 L)</b>
Min Height Required	<b>72<sup>3</sup>/<sub>4</sub>" (1848)</b>
Door Swing Clearance	<b>36<sup>1</sup>/<sub>16</sub>" (916)</b>
Specify Door Swing	<b>LH or RH</b>
Annual Energy Usage	<b>399 kWh   \$37*</b>
Shipping Wt (F)	<b>391 lbs (177 kg)</b>
Shipping Wt (O)	<b>391 lbs (177 kg)</b>
Shipping Wt (S/P/B)	<b>420 lbs (191 kg)</b>

**REFRIGERATOR FEATURES**

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



**MODEL 601R**

**MODEL 601RG**

ALL REFRIGERATOR WITH GLASS DOOR

*Energy Star Qualified*

**MODEL OPTIONS**

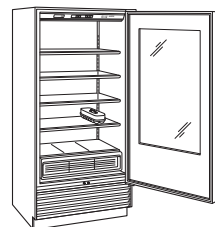
Framed Design	<b>601RG/F</b>
Overlay Design	<b>601RG/O</b>
Classic Stainless Steel	<b>601RG/S</b>
Platinum Stainless Steel	<b>601RG/P</b>
Carbon Stainless Steel	<b>601RG/B</b>

**SPECIFICATIONS**

Overall Width	<b>36" (914)</b>
Overall Height	<b>73" (1854)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>20.1 cu ft (569 L)</b>
Min Height Required	<b>72<sup>3</sup>/<sub>4</sub>" (1848)</b>
Door Swing Clearance	<b>36<sup>1</sup>/<sub>16</sub>" (916)</b>
Specify Door Swing	<b>LH or RH</b>
Annual Energy Usage	<b>400 kWh   \$37*</b>
Shipping Wt (F)	<b>400 lbs (181 kg)</b>
Shipping Wt (O)	<b>400 lbs (181 kg)</b>
Shipping Wt (S/P/B)	<b>430 lbs (195 kg)</b>

**REFRIGERATOR FEATURES**

- 4 Adjustable Glass Shelves
- 1 Stationary Glass Shelf
- High-Humidity Compartment with Dividers
- Triple-Pane UV Resistant Glass Door
- Optional Accessory Roll-Out Deli Basket Available
- Egg Container
- Optional High Altitude Glass Available\*\*



**MODEL 601RG**

**MODEL 601F**

ALL FREEZER

**MODEL OPTIONS**

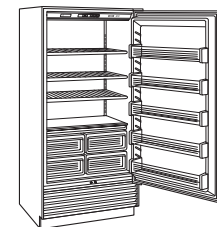
Framed Design	<b>601F/F</b>
Overlay Design	<b>601F/O</b>
Classic Stainless Steel	<b>601F/S</b>
Platinum Stainless Steel	<b>601F/P</b>
Carbon Stainless Steel	<b>601F/B</b>

**SPECIFICATIONS**

Overall Width	<b>36" (914)</b>
Overall Height	<b>73" (1854)</b>
Overall Depth	<b>24" (610)</b>
Freezer Capacity	<b>19.3 cu ft (547 L)</b>
Min Height Required	<b>72<sup>3</sup>/<sub>4</sub>" (1848)</b>
Door Swing Clearance	<b>36<sup>1</sup>/<sub>16</sub>" (916)</b>
Specify Door Swing	<b>LH or RH</b>
Annual Energy Usage	<b>737 kWh   \$67*</b>
Shipping Wt (F)	<b>378 lbs (171 kg)</b>
Shipping Wt (O)	<b>378 lbs (171 kg)</b>
Shipping Wt (S/P/B)	<b>406 lbs (184 kg)</b>

**FREEZER FEATURES**

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



**MODEL 601F**

\*Annual energy costs are based on 9.06 cents per kilowatt hour.

\*\*High altitude glass doors are for installations at or above 5,000' (1524 m) in elevation and will be treated as a special order. Please allow 90 days for delivery. When ordering, add an (HA) before the (G) to obtain the correct model number.

All models are shown in the stainless steel design application.

**ACCESSORIES**

Contact your Sub-Zero Dealer

Front panels for framed design in white enamel and classic stainless steel—not available for glass door models

Side panels in white enamel and classic stainless steel

Extended framed handles

Decorative overlay handles

90" and 105" door stop kits

Roll-out deli basket (Model 601RG)

Dozen egg container with lid

Harness kit for Star-K compliance



**MODEL 611**

OVER-AND-UNDER

*Energy Star Qualified*

*\*Annual energy costs are based on 9.06 cents per kilowatt hour.*

*\*\*High altitude glass doors are for installations at or above 5,000' (1524 m) in elevation and will be treated as a special order. Please allow 90 days for delivery. When ordering, add an (HA) before the (G) to obtain the correct model number.*

*All models are shown in the stainless steel design application.*

**MODEL OPTIONS**

Framed Design	<b>611/F</b>
Overlay Design	<b>611/O</b>
Classic Stainless Steel	<b>611/S</b>
Platinum Stainless Steel	<b>611/P</b>
Carbon Stainless Steel	<b>611/B</b>

**SPECIFICATIONS**

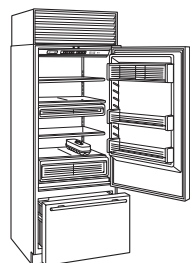
Overall Width	<b>30" (762)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>12.7 cu ft (360 L)</b>
Freezer Capacity	<b>3.9 cu ft (110 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>30<sup>1</sup>/<sub>8</sub>" (765)</b>
Annual Energy Usage	<b>463 kWh   \$42*</b>
Shipping Wt (F)	<b>430 lbs (195 kg)</b>
Shipping Wt (O)	<b>430 lbs (195 kg)</b>
Shipping Wt (S/P/B)	<b>462 lbs (210 kg)</b>

**REFRIGERATOR (DOOR)**

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

**FREEZER (DRAWER)**

- Full-Extension Roll-Out Freezer Drawer
- Two-Tier Wire Storage Baskets
- Automatic Ice Maker



**MODEL 611**

**MODEL 611G**

OVER-AND-UNDER  
WITH GLASS DOOR

**MODEL OPTIONS**

Framed Design	<b>611G/F</b>
Overlay Design	<b>611G/O</b>
Classic Stainless Steel	<b>611G/S</b>
Platinum Stainless Steel	<b>611G/P</b>
Carbon Stainless Steel	<b>611G/B</b>

**SPECIFICATIONS**

Overall Width	<b>30" (762)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>12.9 cu ft (365 L)</b>
Freezer Capacity	<b>3.9 cu ft (110 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>30<sup>1</sup>/<sub>8</sub>" (765)</b>
Annual Energy Usage	<b>544 kWh   \$50*</b>
Shipping Wt (F)	<b>471 lbs (214 kg)</b>
Shipping Wt (O)	<b>471 lbs (214 kg)</b>
Shipping Wt (S/P/B)	<b>476 lbs (216 kg)</b>

**REFRIGERATOR (DOOR)**

- 3 Adjustable Glass Shelves
- 1 Stationary Glass Shelf
- High-Humidity Compartment with Divider
- Triple-Pane UV Resistant Glass Door
- Optional Accessory Roll-Out Deli Basket Available
- Egg Container
- Optional High Altitude Glass Available\*\*

**FREEZER (DRAWER)**

- Full-Extension Roll-Out Freezer Drawer
- Two-Tier Wire Storage Baskets
- Automatic Ice Maker



**MODEL 611G**

Dimensions in parentheses are in millimeters unless otherwise specified.





**MODEL 650**

OVER-AND-UNDER

*Energy Star Qualified*

**MODEL OPTIONS**

Framed Design	<b>650/F</b>
Overlay Design	<b>650/O</b>
Classic Stainless Steel	<b>650/S</b>
Platinum Stainless Steel	<b>650/P</b>
Carbon Stainless Steel	<b>650/B</b>

**SPECIFICATIONS**

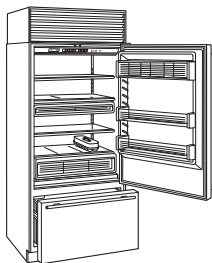
Overall Width	<b>36" (914)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>15.7 cu ft (445 L)</b>
Freezer Capacity	<b>4.9 cu ft (139 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>36 1/16" (916)</b>
Annual Energy Usage	<b>481 kWh   \$44*</b>
Shipping Wt (F)	<b>482 lbs (219 kg)</b>
Shipping Wt (O)	<b>482 lbs (219 kg)</b>
Shipping Wt (S/P/B)	<b>515 lbs (234 kg)</b>

**REFRIGERATOR (DOOR)**

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

**FREEZER (DRAWER)**

- Full-Extension Roll-Out Freezer Drawer
- Two-Tier Wire Storage Baskets
- Automatic Ice Maker



**MODEL 650**

**MODEL 650G**

OVER-AND-UNDER  
WITH GLASS DOOR

**MODEL OPTIONS**

Framed Design	<b>650G/F</b>
Overlay Design	<b>650G/O</b>
Classic Stainless Steel	<b>650G/S</b>
Platinum Stainless Steel	<b>650G/P</b>
Carbon Stainless Steel	<b>650G/B</b>

**SPECIFICATIONS**

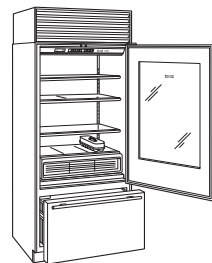
Overall Width	<b>36" (914)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>16.0 cu ft (453 L)</b>
Freezer Capacity	<b>4.9 cu ft (139 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>36 1/16" (916)</b>
Annual Energy Usage	<b>565 kWh   \$52*</b>
Shipping Wt (F)	<b>523 lbs (237 kg)</b>
Shipping Wt (O)	<b>523 lbs (237 kg)</b>
Shipping Wt (S/P/B)	<b>529 lbs (240 kg)</b>

**REFRIGERATOR (DOOR)**

- 3 Adjustable Glass Shelves
- 1 Stationary Glass Shelf
- High-Humidity Compartment with Dividers
- Triple-Pane UV Resistant Glass Door
- Optional Accessory Roll-Out Deli Basket Available
- Egg Container
- Optional High Altitude Glass Available\*\*

**FREEZER (DRAWER)**

- Full-Extension Roll-Out Freezer Drawer
- Two-Tier Wire Storage Baskets
- Automatic Ice Maker



**MODEL 650G**

**ACCESSORIES**

Optional accessories are available through your Sub-Zero dealer. To obtain local dealer information, visit the Showroom Locator section of our website, [subzero.com](http://subzero.com).

**ACCESSORIES**

Contact your Sub-Zero Dealer

Front and grille panels for framed design in white enamel and classic stainless steel

Side panels in white enamel and classic stainless steel

Louvered, panel or stainless steel grilles in 1" (25) increments from 10" (254) to 15" (381) high

Extended framed handles

Decorative overlay handles

Roll-out deli basket (Models 611G and 650G)

Dozen egg container with lid

Harness kit for Star-K compliance



## BUILT-IN REFRIGERATION

### MODEL 661

SIDE-BY-SIDE

#### MODEL OPTIONS

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

#### SPECIFICATIONS

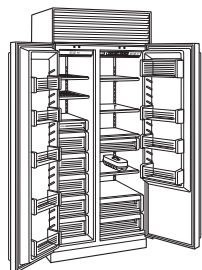
Overall Width	36" (914)
Overall Height	84" (2134)
Overall Depth	24" (610)
Refrigerator Capacity	12.5 cu ft (354 L)
Freezer Capacity	8.8 cu ft (249 L)
Min Height Required	83" (2108)
Door Swing Clearance	20 <sup>3</sup> / <sub>4</sub> " (527)
Annual Energy Usage	636 kWh   \$58*
Shipping Wt (F)	500 lbs (227 kg)
Shipping Wt (O)	500 lbs (227 kg)
Shipping Wt (S/P/B)	538 lbs (244 kg)

#### REFRIGERATOR FEATURES

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

#### FREEZER FEATURES

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



MODEL 661

### MODEL 642

SIDE-BY-SIDE

#### MODEL OPTIONS

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

#### SPECIFICATIONS

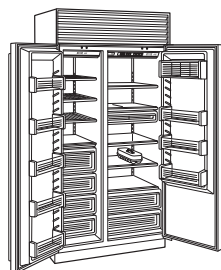
Overall Width	42" (1067)
Overall Height	84" (2134)
Overall Depth	24" (610)
Refrigerator Capacity	16.2 cu ft (459 L)
Freezer Capacity	8.2 cu ft (232 L)
Min Height Required	83" (2108)
Door Swing Clearance	25 <sup>9</sup> / <sub>16</sub> " (649)
Annual Energy Usage	650 kWh   \$59*
Shipping Wt (F)	541 lbs (245 kg)
Shipping Wt (O)	541 lbs (245 kg)
Shipping Wt (S/P/B)	582 lbs (264 kg)

#### REFRIGERATOR FEATURES

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

#### FREEZER FEATURES

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



MODEL 642

### MODEL 685

SIDE-BY-SIDE  
ICE | WATER DISPENSING

#### MODEL OPTIONS

Framed Design	685/F
Overlay Design	685/O
Classic Stainless Steel	685/S

#### SPECIFICATIONS

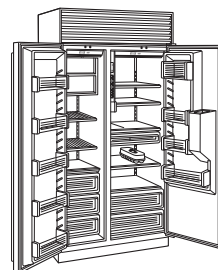
Overall Width	42" (1067)
Overall Height	84" (2134)
Overall Depth	24" (610)
Refrigerator Capacity	15.6 cu ft (442 L)
Freezer Capacity	8.2 cu ft (232 L)
Min Height Required	83" (2108)
Door Swing Clearance	25 <sup>9</sup> / <sub>16</sub> " (649)
Annual Energy Usage	694 kWh   \$63*
Shipping Wt (F)	569 lbs (258 kg)
Shipping Wt (O)	569 lbs (258 kg)
Shipping Wt (S)	608 lbs (276 kg)

#### REFRIGERATOR FEATURES

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

#### FREEZER FEATURES

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



MODEL 685



**MODEL 632**

SIDE-BY-SIDE

**MODEL OPTIONS**

Framed Design	<b>632/F</b>
Overlay Design	<b>632/O</b>
Classic Stainless Steel	<b>632/S</b>
Platinum Stainless Steel	<b>632/P</b>
Carbon Stainless Steel	<b>632/B</b>

**SPECIFICATIONS**

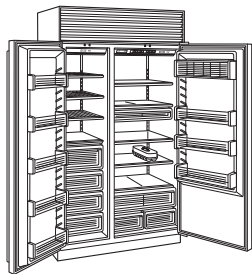
Overall Width	<b>48" (1219)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>18.9 cu ft (535 L)</b>
Freezer Capacity	<b>9.8 cu ft (278 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>29 1/4" (743)</b>
Annual Energy Usage	<b>675 kWh   \$62*</b>
Shipping Wt (F)	<b>582 lbs (264 kg)</b>
Shipping Wt (O)	<b>582 lbs (264 kg)</b>
Shipping Wt (S/P/B)	<b>630 lbs (286 kg)</b>

**REFRIGERATOR FEATURES**

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

**FREEZER FEATURES**

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



**MODEL 632**

**MODEL 695**

SIDE-BY-SIDE  
ICE | WATER DISPENSING

**MODEL OPTIONS**

Framed Design	<b>695/F</b>
Overlay Design	<b>695/O</b>
Classic Stainless Steel	<b>695/S</b>

**SPECIFICATIONS**

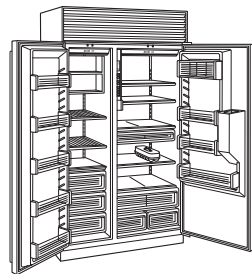
Overall Width	<b>48" (1219)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>24" (610)</b>
Refrigerator Capacity	<b>18.2 cu ft (515 L)</b>
Freezer Capacity	<b>9.8 cu ft (278 L)</b>
Min Height Required	<b>83" (2108)</b>
Door Swing Clearance	<b>29 1/4" (743)</b>
Annual Energy Usage	<b>747 kWh   \$68*</b>
Shipping Wt (F)	<b>610 lbs (277 kg)</b>
Shipping Wt (O)	<b>610 lbs (277 kg)</b>
Shipping Wt (S)	<b>656 lbs (298 kg)</b>

**REFRIGERATOR FEATURES**

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

**FREEZER FEATURES**

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



**MODEL 695**

*\*Annual energy costs are based on 9.06 cents per kilowatt hour.*

*All models are shown in the stainless steel design application.*

**ACCESSORIES**

*Contact your Sub-Zero Dealer*

**Front and grille panels for framed design in white enamel and classic stainless steel**

**Side panels in white enamel and classic stainless steel**

**Louvered, panel or stainless steel grilles in 1" (25) increments from 10" (254) to 15" (381) high**

**Framed panel kits (Models 685 and 695)\***

**Extended framed handles**

**Decorative overlay handles**

**90° and 105° door stop kits**

**Dozen egg container with lid**

**Harness kit for Star-K compliance**

*\*Refer to page 19 for additional information.*

Dimensions in parentheses are in millimeters unless otherwise specified.



**MODEL 648PRO**

SIDE-BY-SIDE  
BUILT-IN OR FREE-STANDING

**SPECIFICATIONS**

Overall Width	<b>48" (1219)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>25<sup>7</sup>/<sub>8</sub>" (657)</b>
Refrigerator Capacity	<b>18.4 cu ft (521 L)</b>
Freezer Capacity	<b>11.7 cu ft (331 L)</b>
Min Height Required	<b>83<sup>1</sup>/<sub>2</sub>" (2121)</b>
Door Swing Clearance	<b>28<sup>3</sup>/<sub>4</sub>" (730)</b>
Annual Energy Usage	<b>689 kWh   \$63*</b>
Shipping Weight	<b>860 lbs (390 kg)</b>

**REFRIGERATOR**

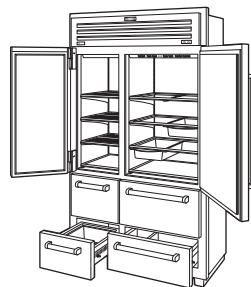
*(Door and Two Drawers)*

- 3 Adjustable Glass Shelves
- 1 Stationary Glass Shelf
- 2 Adjustable Slide-Out Stainless Steel Bins
- 1 Crisper Lid
- Dividers for Drawers Included

**FREEZER**

*(Door and Two Drawers)*

- Automatic Ice Maker
- Water Filtration Filter
- 3 Adjustable Stainless Steel Shelves
- 1 Stationary Stainless Steel Shelf
- 1 Stainless Steel Ice Bucket



**MODEL 648PRO**

**MODEL 648PROG**

SIDE-BY-SIDE  
WITH GLASS DOOR  
BUILT-IN OR FREE-STANDING

**SPECIFICATIONS**

Overall Width	<b>48" (1219)</b>
Overall Height	<b>84" (2134)</b>
Overall Depth	<b>25<sup>7</sup>/<sub>8</sub>" (657)</b>
Refrigerator Capacity	<b>18.4 cu ft (521 L)</b>
Freezer Capacity	<b>11.7 cu ft (331 L)</b>
Min Height Required	<b>83<sup>1</sup>/<sub>2</sub>" (2121)</b>
Door Swing Clearance	<b>28<sup>3</sup>/<sub>4</sub>" (730)</b>
Annual Energy Usage	<b>689 kWh   \$63*</b>
Shipping Weight	<b>875 lbs (397 kg)</b>

**REFRIGERATOR**

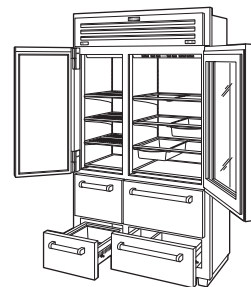
*(Door and Two Drawers)*

- 3 Adjustable Glass Shelves
- 1 Stationary Glass Shelf
- 2 Adjustable Slide-Out Stainless Steel Bins
- 1 Crisper Lid
- Dividers for Drawers Included
- Triple-Pane UV Resistant Glass Door
- Optional High Altitude Glass Available\*\*

**FREEZER**

*(Door and Two Drawers)*

- Automatic Ice Maker
- Water Filtration Filter
- 3 Adjustable Stainless Steel Shelves
- 1 Stationary Stainless Steel Shelf
- 1 Stainless Steel Ice Bucket



**MODEL 648PROG**

*\*Annual energy costs are based on 9.06 cents per kilowatt hour.*

*\*\*High altitude glass doors are for installations at or above 5,000' (1524 m) in elevation and will be treated as a special order. Please allow 90 days for delivery. When ordering, add an (HA) before the (G) to obtain the correct model number.*

**ACCESSORIES**

Contact your Sub-Zero Dealer

90° door stop kit—right or left hinge

Dozen egg container with lid

Slide-out stainless steel refrigerator bin

Refrigerator drawer dividers

Classic stainless steel side panel

Free-standing kit—includes two stainless steel side panels and top lid

Dimensions in parentheses are in millimeters unless otherwise specified.



## PLANNING INFORMATION

Although the Sub-Zero Built-In line offers a wide range of designs and configurations, the basic planning considerations for all models have much in common. As you integrate Built-In models into your overall plan, review installation requirements for your particular model(s). The Installation Specifications illustrations provide planning information for all Built-In models—framed, overlay and stainless steel.

Allow the 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.

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 installation of two units side by side 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.

## ELECTRICAL REQUIREMENTS

A 115 V AC, 60 Hz, 15 amp circuit breaker and electrical supply are required. A separate circuit, servicing only this appliance, is required.

All Sub-Zero Built-In models are equipped with a power supply cord with a 3-prong grounding plug, which 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 Installation Specifications illustration for your model on the following pages.

**IMPORTANT NOTE:** A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

## PLUMBING CONSIDERATIONS

For Built-In models 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 (4200880) is available from your Sub-Zero dealer.

For Built-In models except Models 648PRO and 648PROG, 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).

**IMPORTANT NOTE:** In some cases a reverse osmosis water filter system may not be able to maintain the minimum water pressure consistently.

Models 648PRO and 648PROG come with an automatic ice maker and an integrated water filtration system. This system operates on water pressure between 35 psi (2.4 bar) and 120 psi (8.3 bar).

**IMPORTANT NOTE:** A reverse osmosis system can be used with Models 648PRO and 648PROG, provided there is constant water pressure of 20 psi (1.4 bar) to 120 psi (8.3 bar) supplied to the unit at all times. In this application, the integrated water filtration system must be set to bypass mode. This is achieved by removing the water filter cartridge. Refer to the PRO 48 Installation Instructions packed with the unit for detailed instructions.

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 Installation Specification illustrations.

## MODEL OPTIONS

**Model 601R**  
36" (914)  
*All Refrigerator*

**Model 601RG**  
36" (914)  
*All Refrigerator with Glass Door*

**Model 601F**  
36" (914)  
*All Freezer*

**Model 611**  
30" (762)  
*Over-and-Under*

**Model 611G**  
30" (762)  
*Over-and-Under with Glass Door*

**Model 650**  
36" (914)  
*Over-and-Under*

**Model 650G**  
36" (914)  
*Over-and-Under with Glass Door*

**Model 661**  
36" (914)  
*Side-by-Side*

**Model 642**  
42" (1067)  
*Side-by-Side*

**Model 685**  
42" (1067)  
*Side-by-Side Ice | Water Dispensing*

**Model 632**  
48" (1219)  
*Side-by-Side*

**Model 695**  
48" (1219)  
*Side-by-Side Ice | Water Dispensing*

**Model 648PRO**  
48" (1219)  
*Side-by-Side Built-In or Free-Standing*

**Model 648PROG**  
48" (1219)  
*Side-by-Side with Glass Door Built-In or Free-Standing*



# BUILT-IN REFRIGERATION

## OVERALL DIMENSIONS

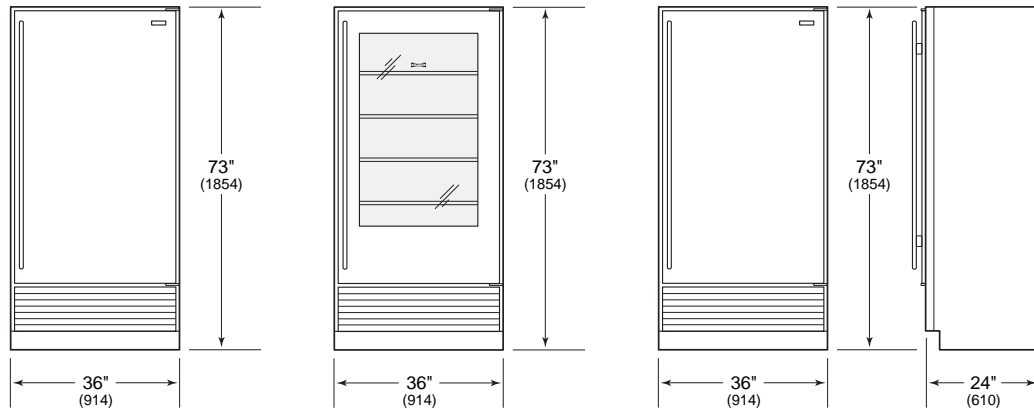
All Refrigerator | All Freezer Models

ALL REFRIGERATOR  
ALL FREEZER

**Model 601R**  
All Refrigerator

**Model 601RG**  
All Refrigerator  
with Glass Door

**Model 601F**  
All Freezer



**Model 601R**  
All Refrigerator

Width 36" (914)  
Height 73" (1854)  
Depth 24" (610)

**Model 601RG**  
All Refrigerator  
with Glass Door

Width 36" (914)  
Height 73" (1854)  
Depth 24" (610)

**Model 601F**  
All Freezer

Width 36" (914)  
Height 73" (1854)  
Depth 24" (610)

Illustrations shown in stainless steel design.

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

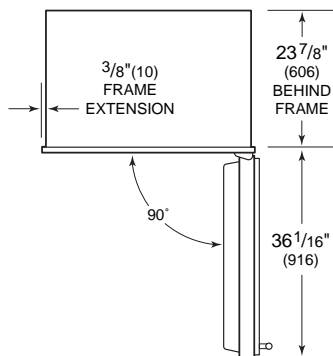
## INSTALLATION SPECIFICATIONS

All Refrigerator | All Freezer Models

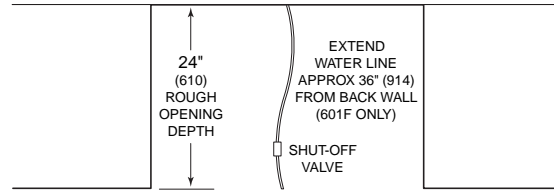
Models 601R and 601RG, which do not have an ice maker, will not require the water line connection.

Dimensions are for finished rough openings.

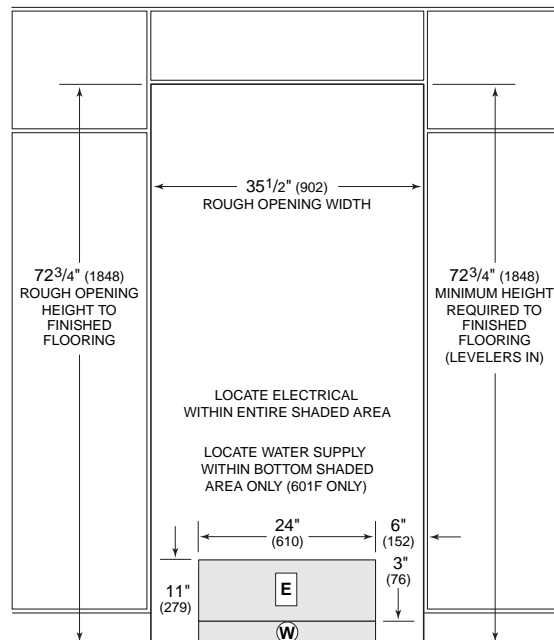
Door swing clearances are based on stainless steel door and handle dimensions.



Dimensions in parentheses are in millimeters unless otherwise specified.



TOP VIEW

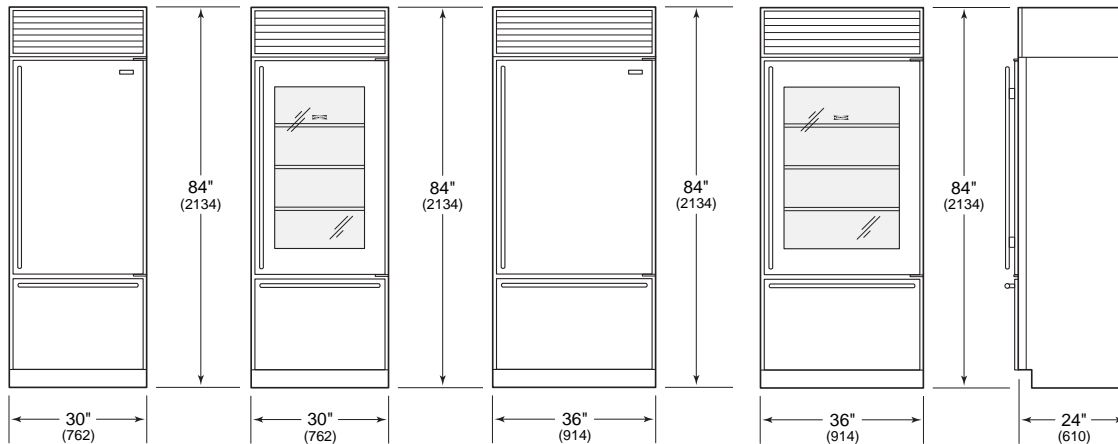


FRONT VIEW



OVERALL DIMENSIONS

Over-and-Under Refrigerator/Freezer Models



OVER-AND-UNDER

- Model 611
- Model 611G  
with Glass Door
- Model 650
- Model 650G  
with Glass Door

<b>Model 611</b>	<b>Model 611G</b> with Glass Door	<b>Model 650</b>	<b>Model 650G</b> with Glass Door
Width 30" (762)	Width 30" (762)	Width 36" (914)	Width 36" (914)
Height 84" (2134)	Height 84" (2134)	Height 84" (2134)	Height 84" (2134)
Depth 24" (610)	Depth 24" (610)	Depth 24" (610)	Depth 24" (610)

Illustrations shown in stainless steel design.

INSTALLATION SPECIFICATIONS  
Over-and-Under Refrigerator/Freezer Models

- Model 611**
- A) Rough Opening Width 29 1/2" (749)
  - B) Min Door Clearance 30 1/8" (765)

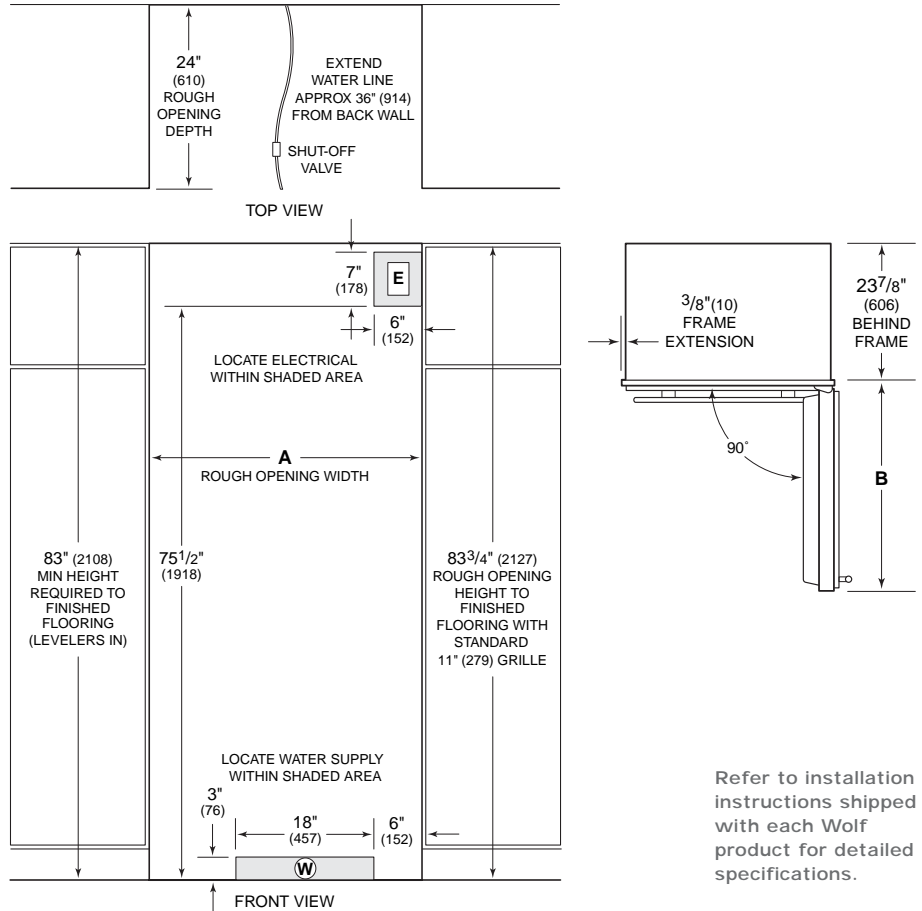
- Model 611G**
- A) Rough Opening Width 29 1/2" (749)
  - B) Min Door Clearance 30 1/8" (765)

- Model 650**
- A) Rough Opening Width 35 1/2" (902)
  - B) Min Door Clearance 36 1/16" (916)

- Model 650G**
- A) Rough Opening Width 35 1/2" (902)
  - B) Min Door Clearance 36 1/16" (916)

Dimensions are for finished rough openings.

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



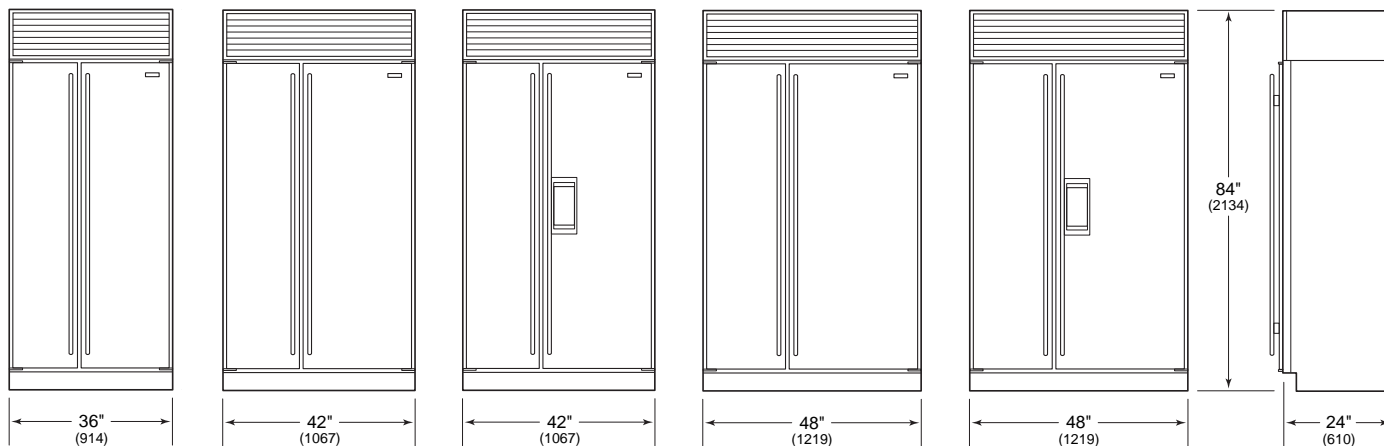
Refer to installation instructions shipped with each Wolf product for detailed specifications.



# BUILT-IN REFRIGERATION

## OVERALL DIMENSIONS

Side-by-Side Refrigerator | Freezer Models



### Model 661

Width 36" (914)  
 Height 84" (2134)  
 Depth 24" (610)

### Model 642

Width 42" (1067)  
 Height 84" (2134)  
 Depth 24" (610)

### Model 685

Ice | Water Dispensing

Width 42" (1067)  
 Height 84" (2134)  
 Depth 24" (610)

### Model 632

Width 48" (1219)  
 Height 84" (2134)  
 Depth 24" (610)

### Model 695

Ice | Water Dispensing

Width 48" (1219)  
 Height 84" (2134)  
 Depth 24" (610)

Illustrations shown in stainless steel design.

## SIDE-BY-SIDE

### Model 661

### Model 642

### Model 685

Ice | Water Dispensing

### Model 632

### Model 695

Ice | Water Dispensing

## INSTALLATION SPECIFICATIONS

Side-by-Side Refrigerator | Freezer Models

### Model 661

- A) Rough Opening Width 35 1/2" (902)
- B) Min Door Clearance 20 3/4" (527)

### Model 642

- A) Rough Opening Width 41 1/2" (1054)
- B) Min Door Clearance 25 9/16" (649)

### Model 685

- A) Rough Opening Width 41 1/2" (1054)
- B) Min Door Clearance 25 9/16" (649)

### Model 632

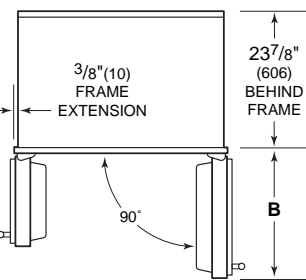
- A) Rough Opening Width 47 1/2" (1206)
- B) Min Door Clearance 29 1/4" (743)

### Model 695

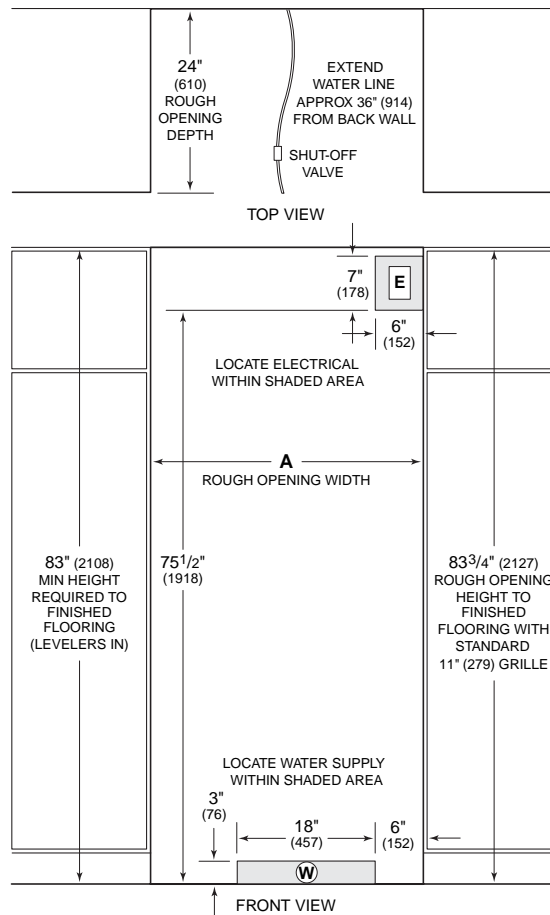
- A) Rough Opening Width 47 1/2" (1206)
- B) Min Door Clearance 29 1/4" (743)

Dimensions are for finished rough openings.

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



Dimensions in parentheses are in millimeters unless otherwise specified.

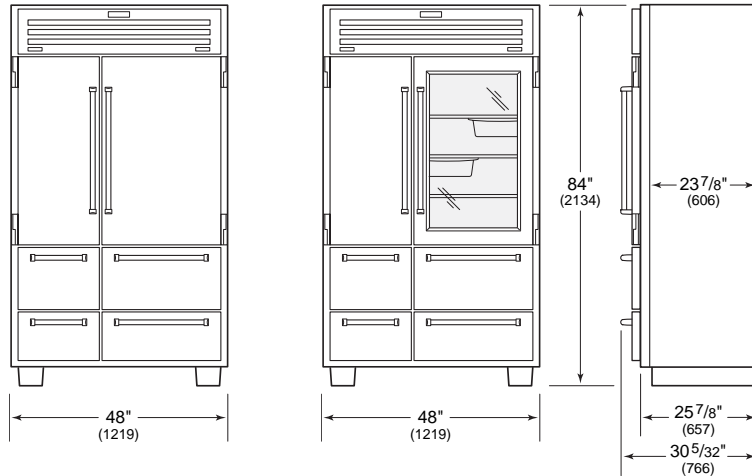






OVERALL DIMENSIONS

PRO 48 Side-by-Side Refrigerator | Freezer Models



**Model 648PRO**

Width **48" (1219)**  
 Height **84" (2134)**  
 Depth **23 7/8" (606)\***  
**25 7/8" (657)\*\***

**Model 648PROG**  
*with Glass Door*

Width **48" (1219)**  
 Height **84" (2134)**  
 Depth **23 7/8" (606)\***  
**25 7/8" (657)\*\***

\*Depth from behind face frame to back of unit for standard installation.  
 \*\*Depth from front of face frame to back of unit for flush installation.

PRO 48  
 SIDE-BY-SIDE

**Model 648PRO**  
*Built-In or Free-Standing*

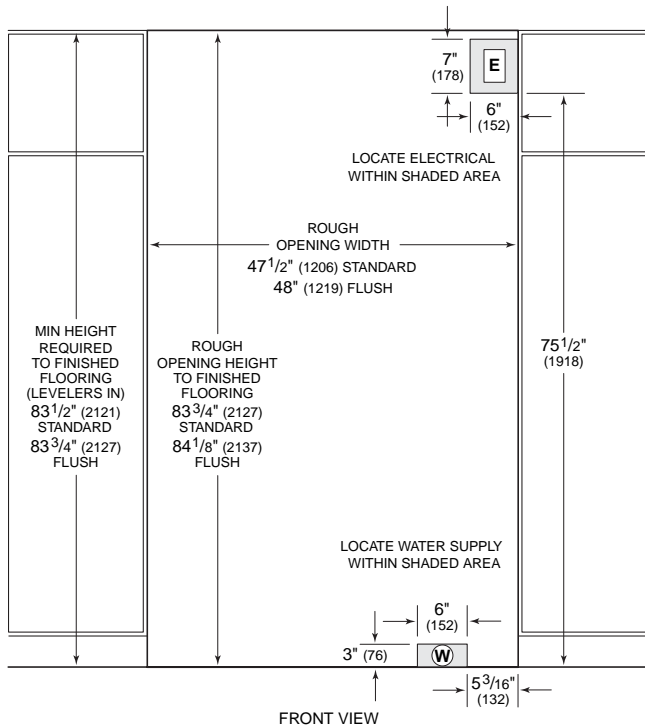
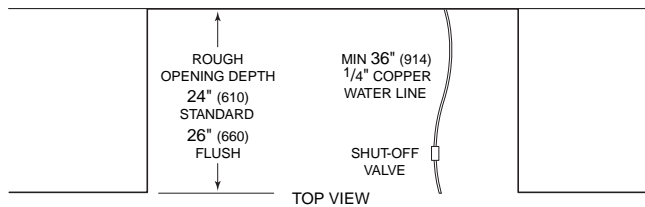
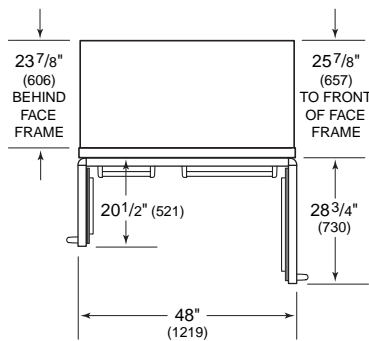
**Model 648PROG**  
*with Glass Door*  
*Built-In or Free-Standing*

INSTALLATION SPECIFICATIONS

PRO 48 Side-by-Side Refrigerator | Freezer Models  
*Built-In or Free-Standing*

Models 648PRO and 648PROG can be used free-standing or installed as a standard or flush built-in application. For standard built-in installations, the face frame of the unit will extend 2" (51) beyond cabinetry. In flush built-in installations, the front of the face frame will be flush with surrounding cabinetry.

Dimensions are for finished rough openings.



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

Refer to installation instructions shipped with each Wolf product for detailed specifications.



### ANTI-TIP BLOCKING KIT

To prevent the unit from tipping forward and to 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 Built-In model. Refer to the Built-In Installation Instructions packed with the appliance, which provides step-by-step procedures for making sure the unit is installed properly.

### ACCESSORIES

Optional accessories are available through your Sub-Zero dealer. To obtain local dealer information, visit the Showroom Locator section of our website, [subzero.com](http://subzero.com).

### ADDING PANELS

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 door panels.

Specifications on the following pages provide panel dimensions and installation considerations for framed and overlay door panels.

Side panels can be used with the framed, overlay and stainless steel design applications. Refer to specifications on page 26.

### 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. The framed panel design option is available on all Built-In units except Models 648PRO and 648PROG. For exact door panel dimensions for Built-In framed models, refer to the Framed Panel Specifications on pages 20-21. Also refer to the full-scale illustrations at the end of this section for panel and handle considerations.

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

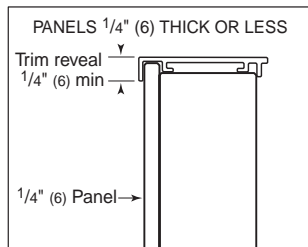
If the thickness of the custom panels is less than 1/4" (6), they must be backed up with a sheet of shim material to build the total thickness to 1/4" (6). If the panel is thicker than 1/4" (6), an edge must be routed around the panel to ensure a proper fit. Refer to illustrations 1 and 2.

**IMPORTANT NOTE:** On all framed models, 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.

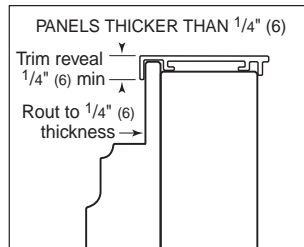
For glass door Models 601RG, 611G and 650G, the refrigerator door panel must include a cut-out to accommodate the window. Refer to the Framed Panel Specifications on pages 20-21.

**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.



Illus. 1



Illus. 2

Dimensions in parentheses are in millimeters unless otherwise specified.



**GLASSWELL PANEL OPTIONS**

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), includes partial framed molding and classic stainless steel inset handle panel to provide a spill-resistant finish above and below the glasswell on the refrigerator door only. Refer to the Framed Panel Specifications for this option on page 21.

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) includes framed retrofit moldings and classic stainless steel inset handle panels to accommodate existing Model 680 or 690 framed refrigerator and freezer door panels.

**IMPORTANT NOTE:** When using Model 680 or 690 raised panels with the framed retrofit kit (FRAMRET), a 1/2" (13) trim reveal down to 1/4" (6) thickness is necessary at the bezel in order for the panels to fit properly.

Both accessory kits are available through your Sub-Zero dealer. Refer to the illustrations below.

**OPTIONAL PANEL GRILLE**

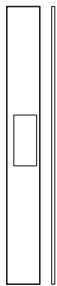
An 11" (279) louvered grille is standard on framed applications. Optional louvered grilles are available in 1" (25) height increments from 10" (254) to 15" (381) for all Built-In models except Models 601R, 601RG, 601F, 648PRO and 648PROG.

You may choose to use Sub-Zero's optional panel grille for some of your framed applications. The panel grilles can be used with all Built-In models except Models 601R, 601RG, 601F, 648PRO and 648PROG and are available in 1" (25) height increments from 10" (254) to 15" (381).

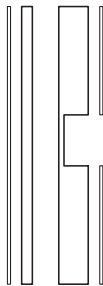
For each model, the width of the panel grille will be the same, regardless of the height you have chosen. To determine the panel grille insert size, use the width dimension listed for your model and the height dimension for the grille option you have chosen. Specifications for the Panel Grille Option are listed on page 21.

**PANEL REQUIREMENTS**

The weight of each framed door panel cannot exceed 50 lbs (23 kg).



**Partial Framed Kit**  
FRAMPAR



**Framed Retrofit Kit**  
FRAMRET

**FRAMED PANELS**

To install framed panels, see the detailed procedures outlined in the Sub-Zero Built-In Installation Instructions.



# BUILT-IN REFRIGERATION

## FRAMED DOOR PANEL SPECIFICATIONS

All Refrigerator | All Freezer Framed (F) Models

Model 601R	W	H
Refrigerator Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	58 <sup>15</sup> / <sub>16</sub> " (1497)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 29 <sup>15</sup> / <sub>32</sub> " (749)	

Model 601RG	W	H
Refrigerator Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	58 <sup>15</sup> / <sub>16</sub> " (1497)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 29 <sup>15</sup> / <sub>32</sub> " (749)	
Window Cut-Out Dimensions	25 <sup>3</sup> / <sub>8</sub> " (645)	41 <sup>3</sup> / <sub>16</sub> " (1046)
Window Cut-Out Location	C) 4 <sup>3</sup> / <sub>8</sub> " (111)	D) 13 <sup>3</sup> / <sub>8</sub> " (340)

Model 601F	W	H
Freezer Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	58 <sup>15</sup> / <sub>16</sub> " (1497)
Raised Panel Handle Recess Location - Freezer Panel	A) 29 <sup>15</sup> / <sub>32</sub> " (749)	

**IMPORTANT NOTE:** Panel specifications are for Built-In framed (F) models. Panel specifications for overlay models are on pages 24-25.

## FRAMED DOOR PANEL SPECIFICATIONS

Over-and-Under Framed (F) Models

Model 611	W	H
Refrigerator Framed Panel	28 <sup>1</sup> / <sub>8</sub> " (714)	48 <sup>1</sup> / <sub>16</sub> " (1221)
Freezer Framed Panel	28 <sup>1</sup> / <sub>8</sub> " (714)	18 <sup>3</sup> / <sub>8</sub> " (467)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 24 <sup>1</sup> / <sub>32</sub> " (610)	
Freezer Panel	B) 14 <sup>1</sup> / <sub>16</sub> " (357)	

Model 611G	W	H
Refrigerator Framed Panel	28 <sup>1</sup> / <sub>8</sub> " (714)	48 <sup>1</sup> / <sub>16</sub> " (1221)
Freezer Framed Panel	28 <sup>1</sup> / <sub>8</sub> " (714)	18 <sup>3</sup> / <sub>8</sub> " (467)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 24 <sup>1</sup> / <sub>32</sub> " (610)	
Freezer Panel	B) 14 <sup>1</sup> / <sub>16</sub> " (357)	
Window Cut-Out Dimensions	19 <sup>3</sup> / <sub>8</sub> " (492)	39 <sup>5</sup> / <sub>16</sub> " (999)
Window Cut-Out Location	C) 4 <sup>3</sup> / <sub>8</sub> " (111)	D) 4 <sup>3</sup> / <sub>8</sub> " (111)

Model 650	W	H
Refrigerator Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	48 <sup>1</sup> / <sub>16</sub> " (1221)
Freezer Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	18 <sup>3</sup> / <sub>8</sub> " (467)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 24 <sup>1</sup> / <sub>32</sub> " (610)	
Freezer Panel	B) 17 <sup>1</sup> / <sub>16</sub> " (433)	

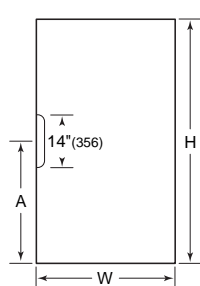
Model 650G	W	H
Refrigerator Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	48 <sup>1</sup> / <sub>16</sub> " (1221)
Freezer Framed Panel	34 <sup>1</sup> / <sub>8</sub> " (867)	18 <sup>3</sup> / <sub>8</sub> " (467)
Raised Panel Handle Recess Location - Refrigerator Panel	A) 24 <sup>1</sup> / <sub>32</sub> " (610)	
Freezer Panel	B) 17 <sup>1</sup> / <sub>16</sub> " (433)	
Window Cut-Out Dimensions	25 <sup>3</sup> / <sub>8</sub> " (645)	39 <sup>5</sup> / <sub>16</sub> " (999)
Window Cut-Out Location	C) 4 <sup>3</sup> / <sub>8</sub> " (111)	D) 4 <sup>3</sup> / <sub>8</sub> " (111)

**IMPORTANT NOTE:** Panel specifications are for Built-In framed (F) models. Panel specifications for overlay models are on pages 24-25.

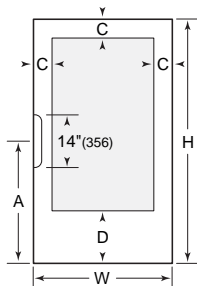
## FRAMED PANELS

Panel specifications are for Built-In framed (F) models.

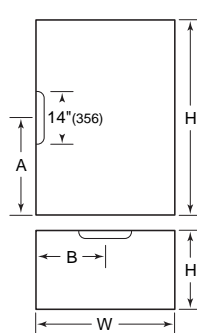
Dimensions in parentheses are in millimeters unless otherwise specified.



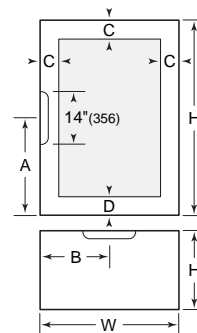
Models 601R and 601F



Model 601RG



Models 611 and 650



Models 611G and 650G



FRAMED DOOR PANEL SPECIFICATIONS

Side-by-Side Framed (F) Models

	<b>W</b>	<b>H</b>
Refrigerator Framed Panel	19 <sup>1</sup> / <sub>8</sub> " (486)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Framed Panel	14 <sup>5</sup> / <sub>8</sub> " (371)	67 <sup>11</sup> / <sub>16</sub> " (1719)

Raised Panel Handle Recess Location -

Refrigerator   Freezer Panel	<b>A) 38<sup>5</sup>/<sub>32</sub>" (969)</b>
------------------------------	---

	<b>W</b>	<b>H</b>
Refrigerator Framed Panel	24" (610)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Framed Panel	15 <sup>5</sup> / <sub>8</sub> " (397)	67 <sup>11</sup> / <sub>16</sub> " (1719)

Raised Panel Handle Recess Location -

Refrigerator   Freezer Panel	<b>A) 38<sup>5</sup>/<sub>32</sub>" (969)</b>
------------------------------	---

	<b>W</b>	<b>H</b>
Refrigerator Framed Panel	24" (610)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Framed Panel	15 <sup>5</sup> / <sub>8</sub> " (397)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Glasswell Cut-Out Dimensions	5 <sup>7</sup> / <sub>8</sub> " (150)	12 <sup>7</sup> / <sub>16</sub> " (315)
Glasswell Location (Refrigerator)	<b>E) 1<sup>9</sup>/<sub>16</sub>" (39)</b>	<b>F) 28<sup>9</sup>/<sub>16</sub>" (726)</b>

	<b>W</b>	<b>H</b>
Refrigerator Framed Panel	27 <sup>11</sup> / <sub>16</sub> " (703)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Framed Panel	17 <sup>15</sup> / <sub>16</sub> " (456)	67 <sup>11</sup> / <sub>16</sub> " (1719)

Raised Panel Handle Recess Location -

Refrigerator   Freezer Panel	<b>A) 38<sup>5</sup>/<sub>32</sub>" (969)</b>
------------------------------	---

	<b>W</b>	<b>H</b>
Refrigerator Framed Panel	27 <sup>11</sup> / <sub>16</sub> " (703)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Framed Panel	17 <sup>15</sup> / <sub>16</sub> " (456)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Glasswell Cut-Out Dimensions	5 <sup>7</sup> / <sub>8</sub> " (150)	12 <sup>7</sup> / <sub>16</sub> " (315)
Glasswell Location (Refrigerator)	<b>E) 1<sup>9</sup>/<sub>16</sub>" (39)</b>	<b>F) 28<sup>9</sup>/<sub>16</sub>" (726)</b>

**IMPORTANT NOTE:** Panel specifications are for Built-In framed (F) models. Panel specifications for overlay models are on pages 24-25.

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.

PARTIAL FRAMED DOOR PANEL OPTION

Ice | Water Dispensing Framed (F) Models

	<b>W</b>	<b>H</b>
Refrigerator Partial Framed Panel	15 <sup>5</sup> / <sub>8</sub> " (397)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Partial Framed Panel	15 <sup>5</sup> / <sub>8</sub> " (397)	67 <sup>11</sup> / <sub>16</sub> " (1719)

	<b>W</b>	<b>H</b>
Refrigerator Partial Framed Panel	17 <sup>15</sup> / <sub>16</sub> " (456)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Partial Framed Panel	17 <sup>15</sup> / <sub>16</sub> " (456)	67 <sup>11</sup> / <sub>16</sub> " (1719)

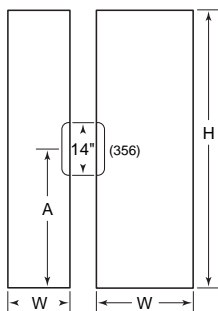
The partial framed accessory kit (FRAMPAR) is required for this option. Kit includes partial framed molding and classic stainless steel inset handle panels for above and below glasswell on the refrigerator door.

PANEL GRILLE OPTION

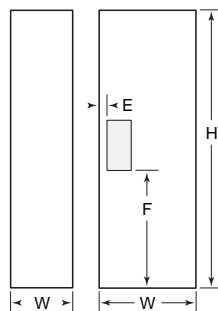
Framed (F) Models

<b>Models 611 and 611G</b>	<b>W</b>
Grille Panel Width	28 <sup>3</sup> / <sub>16</sub> " (716)
<b>Models 650, 650G, 661</b>	<b>W</b>
Grille Panel Width	34 <sup>3</sup> / <sub>16</sub> " (868)
<b>Models 642 and 685</b>	<b>W</b>
Grille Panel Width	40 <sup>3</sup> / <sub>16</sub> " (1021)
<b>Models 632 and 695</b>	<b>W</b>
Grille Panel Width	46 <sup>3</sup> / <sub>16</sub> " (1173)
<b>10" (254) Grille</b>	<b>H</b>
Grille Panel Height	8 <sup>15</sup> / <sub>16</sub> " (227)
<b>11" (279) Grille (standard)</b>	<b>H</b>
Grille Panel Height	9 <sup>15</sup> / <sub>16</sub> " (252)
<b>12" (305) Grille Height</b>	<b>H</b>
Grille Panel Height	10 <sup>15</sup> / <sub>16</sub> " (278)
<b>13" (330) Grille</b>	<b>H</b>
Grille Panel Height	11 <sup>15</sup> / <sub>16</sub> " (303)
<b>14" (356) Grille</b>	<b>H</b>
Grille Panel Height	12 <sup>15</sup> / <sub>16</sub> " (329)
<b>15" (381) Grille</b>	<b>H</b>
Grille Panel Height	13 <sup>15</sup> / <sub>16</sub> " (354)

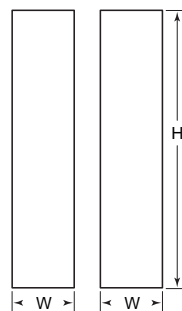
For panel grille insert size, use width dimension listed for your model and height dimension for grille option. 11" (279) grille is standard.



Models 661, 642 and 632



Models 685 and 695



Models 685 and 695 Partial Framed Option

FRAMED PANELS

To install framed panels, see the detailed procedures outlined in the Sub-Zero Built-In Installation Instructions.



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. The overlay panel design option is available on all Built-In units except Models 648PRO and 648PROG.

For exact door panel dimensions for Built-In overlay models, refer to the Overlay Panel Specifications on pages 24-25.

PANEL REQUIREMENTS

The overlay door panel assembly must be a minimum of 5/8" (16) thick and cannot exceed 50 lbs (23 kg).

The overlay design 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 on the following pages 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 or grille trim. Illustration 4 shows a rear view of the three-panel assembly and critical dimensions, standard for all models.

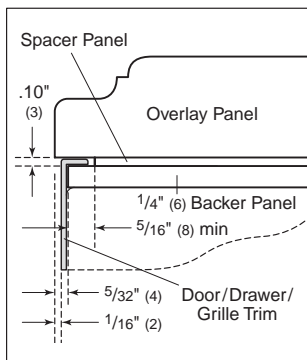
**IMPORTANT NOTE:** Keep in mind that the Sub-Zero door panels have the potential for hitting adjacent cabinets and/or countertops when they are opened. You need to be aware of your surrounding cabinetry and space limitations when using the overlay models. Refer to the full-scale illustrations at the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

If you are using an overlay door panel with Model 611, 611G, 650 or 650G, it is necessary to rout a space for the unit's lower hinge plate so it does not strike the door panel. Refer to illustration 5.

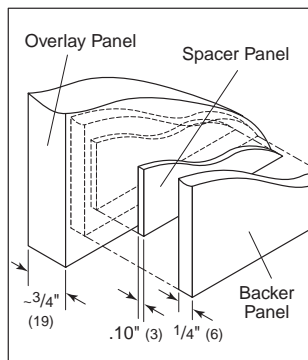
For Models 611, 611G, 650 and 650G, you will minimize the reveal between the bottom of the overlay door panel and the top of the overlay drawer panel. Refer to illustration 6.

**IMPORTANT NOTE:** If you choose not to rout a space for the lower hinge plate, you can reduce the total height of the overlay panel (decorative panel only) by 1/2" (13).

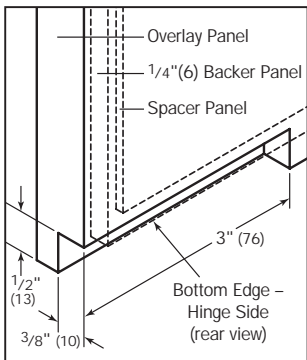
**CAUTION**  
Do not exceed the overlay decorative panel dimensions for Models 611, 611G, 650 or 650G listed on page 24. If you try to make the reveal tighter between the door and drawer panels, the panels may hit when opening and closing, causing possible damage to the panels and the Sub-Zero unit.



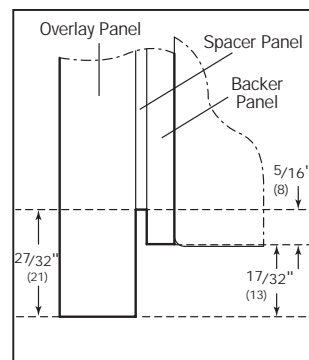
Illus. 3



Illus. 4



Illus. 5



Illus. 6



**OVERLAY DOOR PANELS**

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 for Models 601RG, 611G and 650G on page 24.

**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).

**IMPORTANT NOTE:** Regardless of the thickness of the overlay panel for Model 685 or 695, you must plan for a flat 'landing' space for the decorative bezel surrounding the glasswell area. Refer to page 25 for exact cut-out dimensions of the glasswell area in the overlay, spacer and backer panels. This 'landing' area can be accomplished in a number of different ways. We are showing two in Illustrations 7 and 8 below.

Illustration 7 shows how you can recess the bezel to the inset panel. You must rout out a space to accommodate the 12 7/8" (327) height of the bezel. Also keep in mind that the amount of material you will rout out of the stile will vary because of the thickness of this element. However, the width of the stile immediately adjacent to the bezel must be 1 7/16" (37). DO NOT cut the entire stile to this dimension. In this illustration you can see that rails above and below the bezel give this a finished look. Make sure that the bezel is not supporting weight from the panel.

Illustration 8 shows how you can box out a landing space for the bezel using stiles and rails to create this space. Again, keep in mind, that the total thickness of the panel at this level must not exceed 1 1/8" (29).

**OVERLAY PANEL GRILLE**

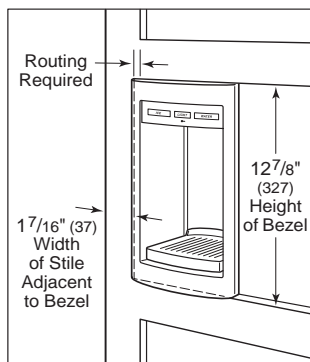
Overlay grille panels for the panel grille match the design of the door panels. Overlay units, except Models 601R, 601RG and 601F, come standard with an 11" (279) panel grille. Optional grilles are available in 1" (25) height increments from 10" (254) to 15" (381). Overlay grille panel specifications for the panel grille are listed on page 25. Also refer to illustration 4 on page 22 for additional overlay panel dimensions.

**OVERLAY PANELS**

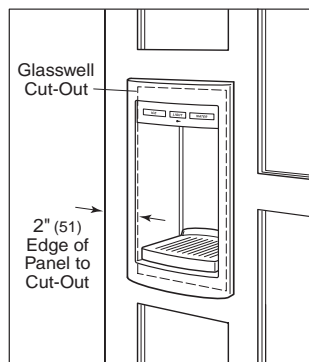
To install overlay panels, see the detailed procedures outlined in the Sub-Zero Built-In Installation Instructions.

**⚠ CAUTION**

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



Illus. 7



Illus. 8

Dimensions in parentheses are in millimeters unless otherwise specified.



OVERLAY DOOR PANEL SPECIFICATIONS

All Refrigerator | All Freezer Overlay (O) Models

Model 601R	W	H
Refrigerator Overlay Panel	34 7/16" (875)	59 1/4" (1505)
Refrigerator Spacer Panel	33 1/2" (851)	58 5/16" (1481)
Refrigerator Backer Panel	34 1/8" (867)	58 15/16" (1497)

Model 601RG	W	H
Refrigerator Overlay Panel	34 7/16" (875)	59 1/4" (1505)
Refrigerator Spacer Panel	33 1/2" (851)	58 5/16" (1481)
Refrigerator Backer Panel	34 1/8" (867)	58 15/16" (1497)
Window Cut-Out Dimensions	25 7/16" (646)	41 1/4" (1048)
Window Cut-Out Location	C) 4 1/2" (114)	D) 13 1/2" (343)

Model 601F	W	H
Freezer Overlay Panel	34 7/16" (875)	59 1/4" (1505)
Freezer Spacer Panel	33 1/2" (851)	58 5/16" (1481)
Freezer Backer Panel	34 1/8" (867)	58 15/16" (1497)

**IMPORTANT NOTE:** Panel specifications are for Built-In overlay (O) models. Panel specifications for framed models are on pages 20-21.

OVERLAY DOOR PANEL SPECIFICATIONS

Over-and-Under Overlay (O) Models

Model 611	W	H
Refrigerator Overlay Panel	28 7/16" (722)	48 7/8" (1241)
Refrigerator Spacer Panel	27 1/2" (699)	47 7/16" (1205)
Refrigerator Backer Panel	28 1/8" (714)	48 1/16" (1221)

Freezer Overlay Panel	28 7/16" (722)	18 11/16" (475)
Freezer Spacer Panel	27 1/2" (699)	17 3/4" (451)
Freezer Backer Panel	28 1/8" (714)	18 3/8" (467)

Model 611G	W	H
Refrigerator Overlay Panel	28 7/16" (722)	48 7/8" (1241)
Refrigerator Spacer Panel	27 1/2" (699)	47 7/16" (1205)
Refrigerator Backer Panel	28 1/8" (714)	48 1/16" (1221)

Freezer Overlay Panel	28 7/16" (722)	18 11/16" (475)
Freezer Spacer Panel	27 1/2" (699)	17 3/4" (451)
Freezer Backer Panel	28 1/8" (714)	18 3/8" (467)

Window Cut-Out Dimensions	19 7/16" (494)	39 3/8" (1000)
Window Cut-Out Location	C) 4 1/2" (114)	D) 5" (127)

Model 650	W	H
Refrigerator Overlay Panel	34 7/16" (875)	48 7/8" (1241)
Refrigerator Spacer Panel	33 1/2" (851)	47 7/16" (1205)
Refrigerator Backer Panel	34 1/8" (867)	48 1/16" (1221)

Freezer Overlay Panel	34 7/16" (875)	18 11/16" (475)
Freezer Spacer Panel	33 1/2" (851)	17 3/4" (451)
Freezer Backer Panel	34 1/8" (867)	18 3/8" (467)

Model 650G	W	H
Refrigerator Overlay Panel	34 7/16" (875)	48 7/8" (1241)
Refrigerator Spacer Panel	33 1/2" (851)	47 7/16" (1205)
Refrigerator Backer Panel	34 1/8" (867)	48 1/16" (1221)

Freezer Overlay Panel	34 7/16" (875)	18 11/16" (475)
Freezer Spacer Panel	33 1/2" (851)	17 3/4" (451)
Freezer Backer Panel	34 1/8" (867)	18 3/8" (467)

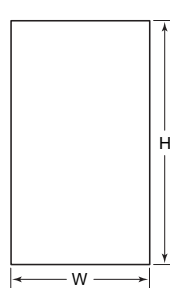
Window Cut-Out Dimensions	25 7/16" (646)	39 3/8" (1000)
Window Cut-Out Location	C) 4 1/2" (114)	D) 5" (127)

**IMPORTANT NOTE:** Panel specifications are for Built-In overlay (O) models. Panel specifications for framed models are on pages 20-21.

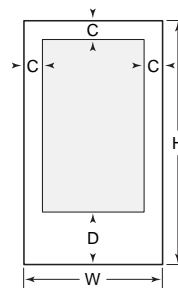
OVERLAY PANELS

Panel specifications are for Built-In overlay (O) models.

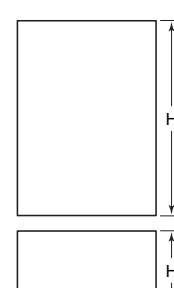
Dimensions in parentheses are in millimeters unless otherwise specified.



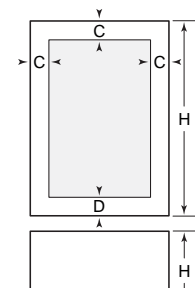
Models 601R and 601F



Model 601RG



Models 611 and 650



Models 611G and 650G





OVERLAY DOOR PANEL SPECIFICATIONS

Side-by-Side Overlay (O) Models

Model 661	W	H
Refrigerator Overlay Panel	19 <sup>7</sup> / <sub>16</sub> " (494)	68" (1727)
Refrigerator Spacer Panel	18 <sup>1</sup> / <sub>2</sub> " (470)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Refrigerator Backer Panel	19 <sup>1</sup> / <sub>8</sub> " (486)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Overlay Panel	14 <sup>15</sup> / <sub>16</sub> " (379)	68" (1727)
Freezer Spacer Panel	14" (356)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Freezer Backer Panel	14 <sup>5</sup> / <sub>8</sub> " (371)	67 <sup>11</sup> / <sub>16</sub> " (1719)

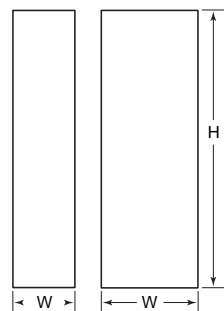
Models 642 and 685	W	H
Refrigerator Overlay Panel	24 <sup>5</sup> / <sub>16</sub> " (618)	68" (1727)
Refrigerator Spacer Panel	23 <sup>3</sup> / <sub>8</sub> " (594)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Refrigerator Backer Panel	24" (610)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Overlay Panel	15 <sup>15</sup> / <sub>16</sub> " (405)	68" (1727)
Freezer Spacer Panel	15" (381)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Freezer Backer Panel	15 <sup>5</sup> / <sub>8</sub> " (397)	67 <sup>11</sup> / <sub>16</sub> " (1719)

Models 632 and 695	W	H
Refrigerator Overlay Panel	28" (711)	68" (1727)
Refrigerator Spacer Panel	27 <sup>1</sup> / <sub>16</sub> " (687)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Refrigerator Backer Panel	27 <sup>11</sup> / <sub>16</sub> " (703)	67 <sup>11</sup> / <sub>16</sub> " (1719)
Freezer Overlay Panel	18 <sup>1</sup> / <sub>4</sub> " (464)	68" (1727)
Freezer Spacer Panel	17 <sup>5</sup> / <sub>16</sub> " (440)	67 <sup>1</sup> / <sub>16</sub> " (1703)
Freezer Backer Panel	17 <sup>15</sup> / <sub>16</sub> " (456)	67 <sup>11</sup> / <sub>16</sub> " (1719)

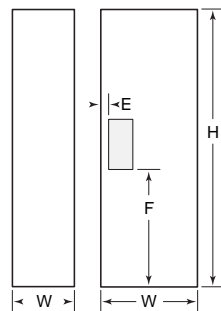
Glasswell Cut-Out - Models 685 and 695	W	H
Glasswell Cut-Out Dimensions	5 <sup>7</sup> / <sub>8</sub> " (150)	12 <sup>7</sup> / <sub>16</sub> " (315)
Glasswell Location (Overlay)	E) 1 <sup>11</sup> / <sub>16</sub> " (43)	F) 28 <sup>3</sup> / <sub>4</sub> " (730)
Glasswell Location (Spacer)	E) 1 <sup>1</sup> / <sub>4</sub> " (31)	F) 28 <sup>1</sup> / <sub>4</sub> " (718)
Glasswell Location (Backer)	E) 1 <sup>9</sup> / <sub>16</sub> " (39)	F) 28 <sup>9</sup> / <sub>16</sub> " (726)

**IMPORTANT NOTE:** Panel specifications are for Built-In overlay (O) models. Panel specifications for framed models are on pages 20-21.

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 661, 642 and 632



Models 685 and 695

OVERLAY GRILLE PANEL

Overlay (O) Models  
Width Dimensions

Models 611 and 611G	W
Overlay Panel Width	28 <sup>7</sup> / <sub>16</sub> " (722)
Spacer Panel Width	27 <sup>1</sup> / <sub>2</sub> " (699)
Backer Panel Width	28 <sup>1</sup> / <sub>8</sub> " (714)

Models 650, 650G, 661	W
Overlay Panel Width	34 <sup>7</sup> / <sub>16</sub> " (875)
Spacer Panel Width	33 <sup>1</sup> / <sub>2</sub> " (851)
Backer Panel Width	34 <sup>1</sup> / <sub>8</sub> " (867)

Models 642 and 685	W
Overlay Panel Width	40 <sup>7</sup> / <sub>16</sub> " (1027)
Spacer Panel Width	39 <sup>1</sup> / <sub>2</sub> " (1003)
Backer Panel Width	40 <sup>1</sup> / <sub>8</sub> " (1019)

Models 632 and 695	W
Overlay Panel Width	46 <sup>7</sup> / <sub>16</sub> " (1180)
Spacer Panel Width	45 <sup>1</sup> / <sub>2</sub> " (1156)
Backer Panel Width	46 <sup>1</sup> / <sub>8</sub> " (1172)

Height Dimensions

10" (254) Grille	H
Overlay Panel Height	9 <sup>1</sup> / <sub>4</sub> " (235)
Spacer Panel Height	8 <sup>5</sup> / <sub>16</sub> " (211)
Backer Panel Height	8 <sup>15</sup> / <sub>16</sub> " (227)

11" (279) Grille (standard)	H
Overlay Panel Height	10 <sup>1</sup> / <sub>4</sub> " (260)
Spacer Panel Height	9 <sup>5</sup> / <sub>16</sub> " (237)
Backer Panel Height	9 <sup>15</sup> / <sub>16</sub> " (252)

12" (305) Grille Height	H
Overlay Panel Height	11 <sup>1</sup> / <sub>4</sub> " (286)
Spacer Panel Height	10 <sup>5</sup> / <sub>16</sub> " (262)
Backer Panel Height	10 <sup>15</sup> / <sub>16</sub> " (278)

13" (330) Grille	H
Overlay Panel Height	12 <sup>1</sup> / <sub>4</sub> " (311)
Spacer Panel Height	11 <sup>5</sup> / <sub>16</sub> " (287)
Backer Panel Height	11 <sup>15</sup> / <sub>16</sub> " (303)

14" (356) Grille	H
Overlay Panel Height	13 <sup>1</sup> / <sub>4</sub> " (337)
Spacer Panel Height	12 <sup>5</sup> / <sub>16</sub> " (313)
Backer Panel Height	12 <sup>15</sup> / <sub>16</sub> " (329)

15" (381) Grille	H
Overlay Panel Height	14 <sup>1</sup> / <sub>4</sub> " (362)
Spacer Panel Height	13 <sup>5</sup> / <sub>16</sub> " (338)
Backer Panel Height	13 <sup>15</sup> / <sub>16</sub> " (354)

For grille panel size, use width dimensions listed for your model and height dimensions for grille option. 11" (279) grille is standard.

Panel grille is available for all overlay units except Models 601R, 601RG and 601F.

OVERLAY PANELS

To install overlay panels, see the detailed procedures outlined in the Sub-Zero Built-In Installation Instructions.



### HANDLE HARDWARE

Overlay models 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 decorating scheme.

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 be 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 Built-In models.

For overlay Models 685 and 695, mounting placement of the refrigerator door handle must assure proper access to the glasswell and adequate clearance under the handle. Illustration 9 shows placement of the refrigerator door handle in relationship to the glasswell bezel on stainless steel models.

Optional stainless steel handles are available in a variety of diameters and lengths, as are 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

Side panels can be used with the framed, overlay and stainless steel design applications. When planning for side panels with the installation of a Built-In model, 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.

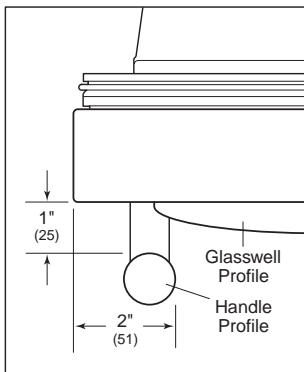
Cut-outs around the toe kick and grille area are required if a 1/4" (6) thick panel will be inserted into the main frame channel. The panel will need to be 24" (610) deep. If a 3/8" (10) thick panel is used, the panel will abut the main frame and should be 23 7/8" (606) deep. Refer to illustrations 10-12 below for placement of toe kick and grille area cut-outs for your specific model.

These dimensions do not apply to Models 648PRO and 648PROG. The toe kick area may or may not be cut out depending on the look you want to achieve.

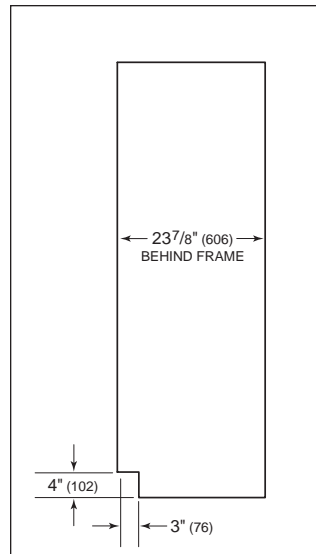
**IMPORTANT NOTE:** The use of side panels may change the width of your rough opening.

### ACCESSORIES

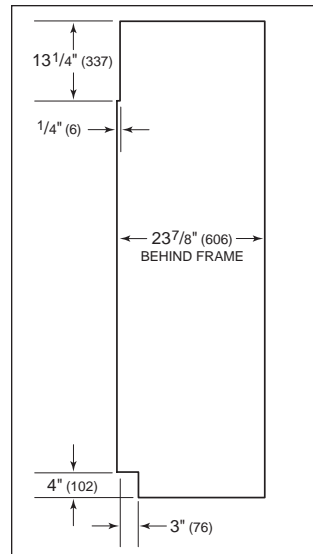
Optional accessories are available through your Sub-Zero dealer. To obtain local dealer information, visit the Showroom Locator section of our website, [subzero.com](http://subzero.com).



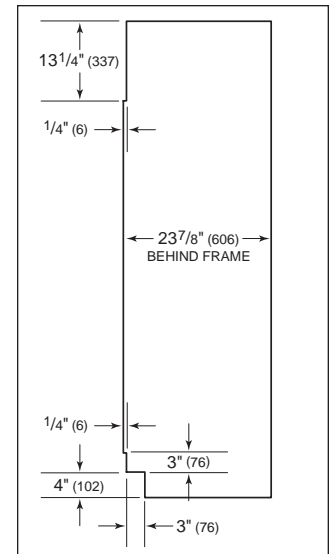
Illus. 9



Illus. 10—Models 601R, 601RG and 601F



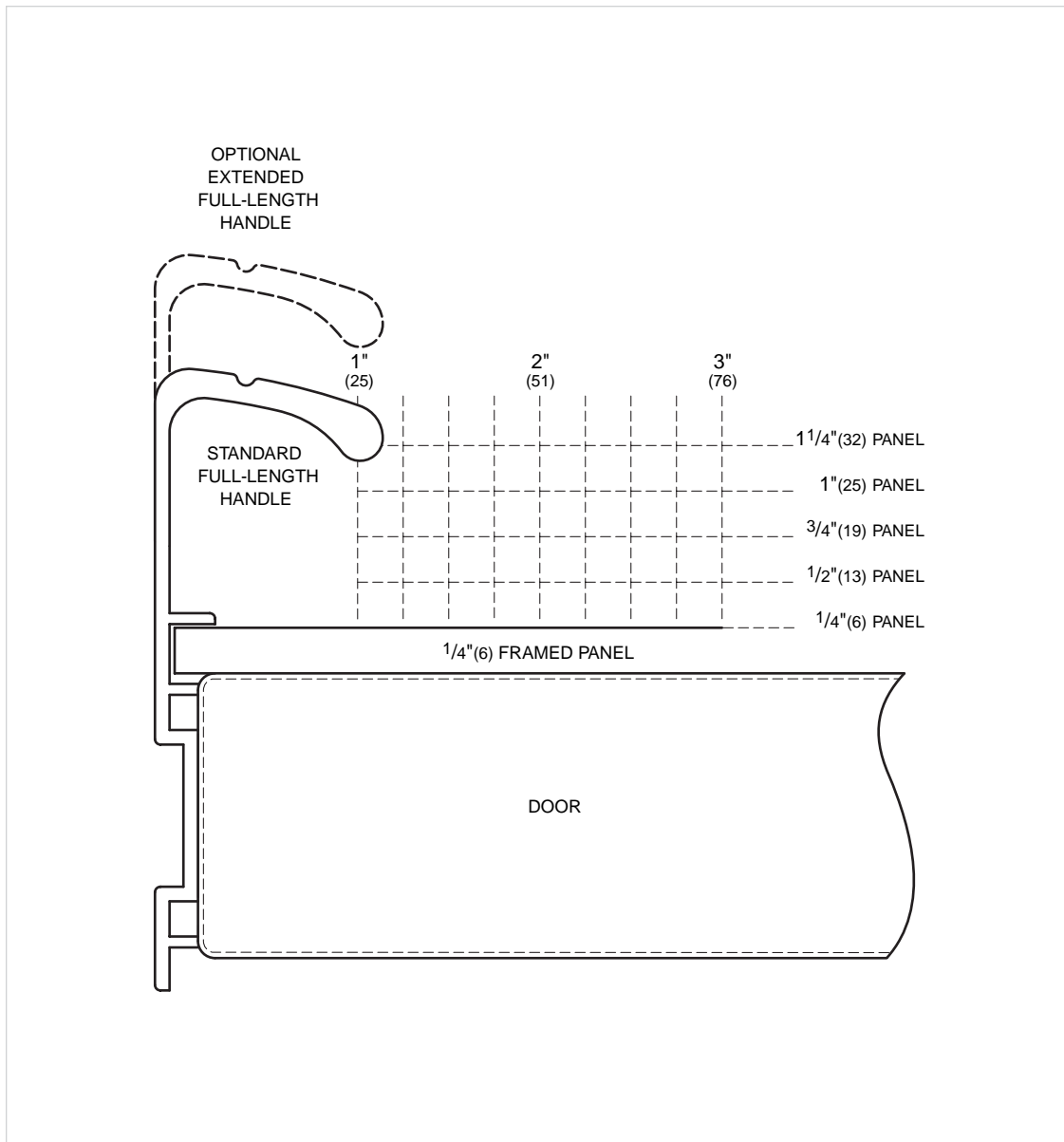
Illus. 11—Models 611, 611G, 650 and 650G



Illus. 12—Models 661, 642, 632, 685 and 695



PANEL AND HANDLE PROFILE - FRAMED APPLICATION



FULL-SCALE TEMPLATES

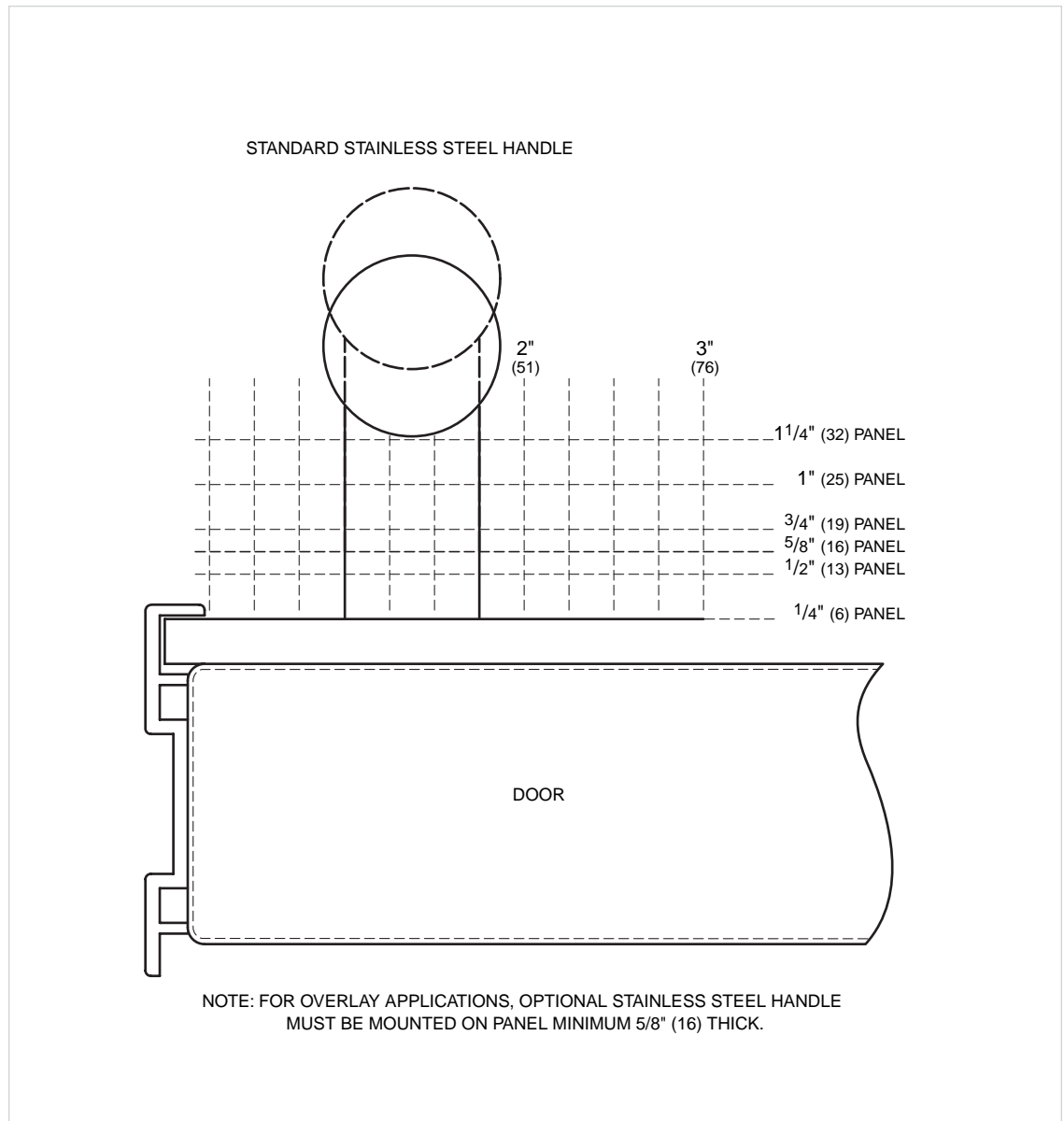
The full-scale illustrations on the following pages enable you to understand some of the unique situations you may face as you plan for the installation of the Built-In models. Use these illustrations as templates for panel and handle hardware considerations.

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.



PANEL AND HANDLE PROFILE - OVERLAY AND STAINLESS STEEL APPLICATION



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.

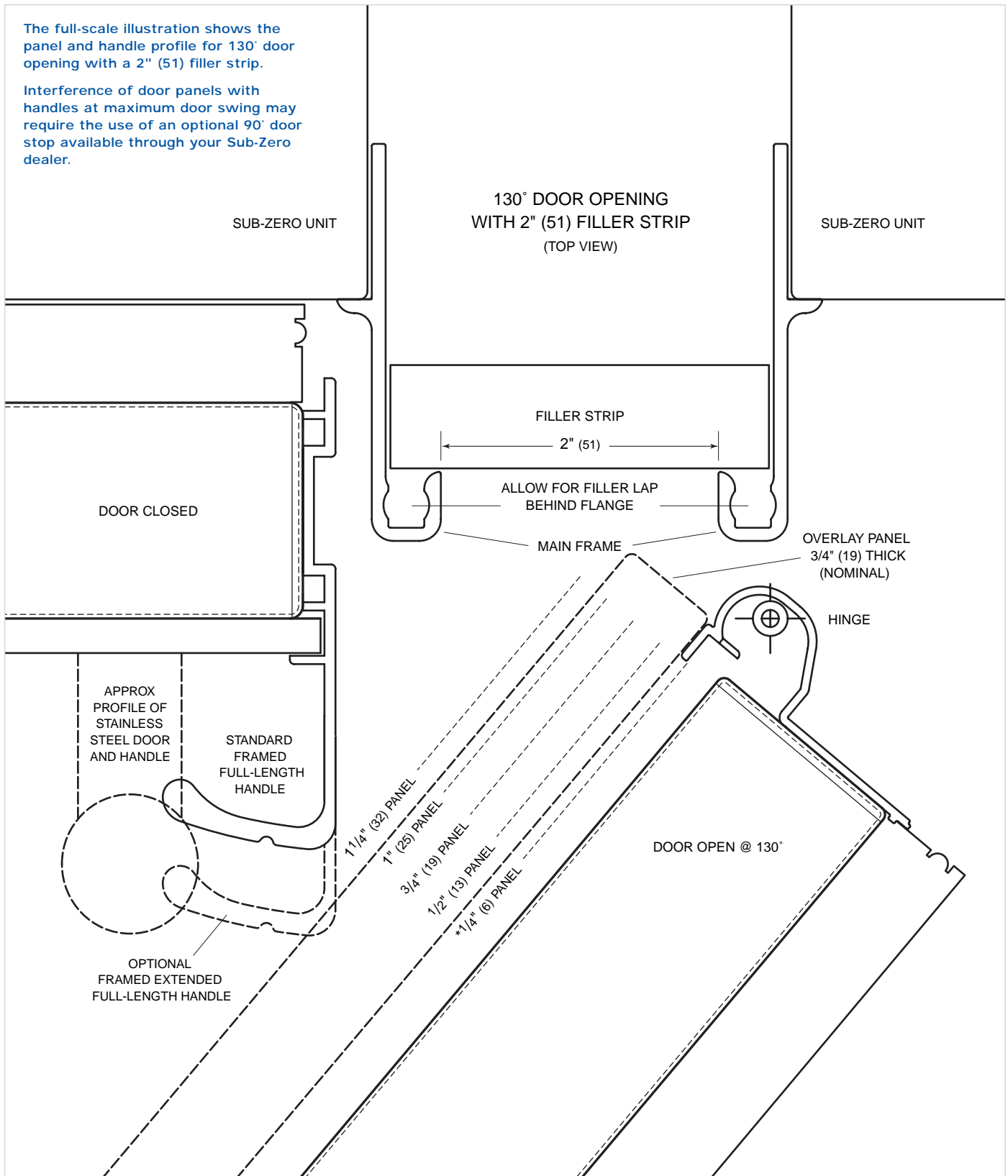
**IMPORTANT NOTE:** For overlay applications, the panel must be a minimum of 5/8" (16) thick to support mounting the handle hardware.

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.



PANEL AND HANDLE PROFILE - 130° DOOR OPENING (TOP VIEW)



\*Approximate thickness of wrapped stainless steel door.



OVERLAY PANEL APPLICATION - 90° DOOR OPENING (TOP VIEW)

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

NOMINAL OVERALL WIDTH OF SUB-ZERO

SUB-ZERO UNIT

23<sup>7</sup>/<sub>8</sub>" (606) TO REAR OF SUB-ZERO

MAIN FRAME

DOOR CLOSED

- 0" (0)
- 1/4" (6)
- 1/2" (13)
- 3/4" (19)
- 1" (25)
- 1 1/4" (32)
- 1 1/2" (38)
- 1 3/4" (44)
- 2" (51)
- 2 1/4" (57)
- 2 1/2" (63)
- 2 3/4" (70)
- 3" (76)
- 3 1/4" (83)
- 3 1/2" (89)

HINGE

DOOR OPEN @ 90°

- 1 1/4" (32) PANEL
- 1" (25) PANEL
- 3/4" (19) PANEL
- 1/2" (13) PANEL
- \*1/4" (6) PANEL

OVERLAY PANEL  
3/4" (19) THICK (NOMINAL)

Dimensions in parentheses are in millimeters unless otherwise specified.

\*Approximate thickness of wrapped stainless steel door.

# SUB-ZERO 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, that 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 THAT 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 the Sub-Zero Customer Service Department, P.O. Box 44130, Madison Wisconsin, 53744-4130; check the Constant Care section of our website, [subzero.com](http://subzero.com), or call 800-222-7820.

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

\*Replacement water filter cartridges are not covered by the product warranty.



## SUB-ZERO OUTDOOR PRODUCTS LIMITED WARRANTY

RESIDENTIAL USE ONLY

### FULL FIVE YEAR SEALED SYSTEM WARRANTY FULL ONE 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 ONE YEAR WARRANTY\*

For one year 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.

#### 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 THAT 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 the Sub-Zero Customer Service Department, P.O. Box 44130, Madison Wisconsin, 53744-4130; check the Constant Care section of our website, [subzero.com](http://subzero.com), or call 800-222-7820.

\*Stainless Steel (classic finish) doors, panels, product frames and stainless interior surfaces are covered by a limited 60 day parts and labor warranty for cosmetic defects.







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