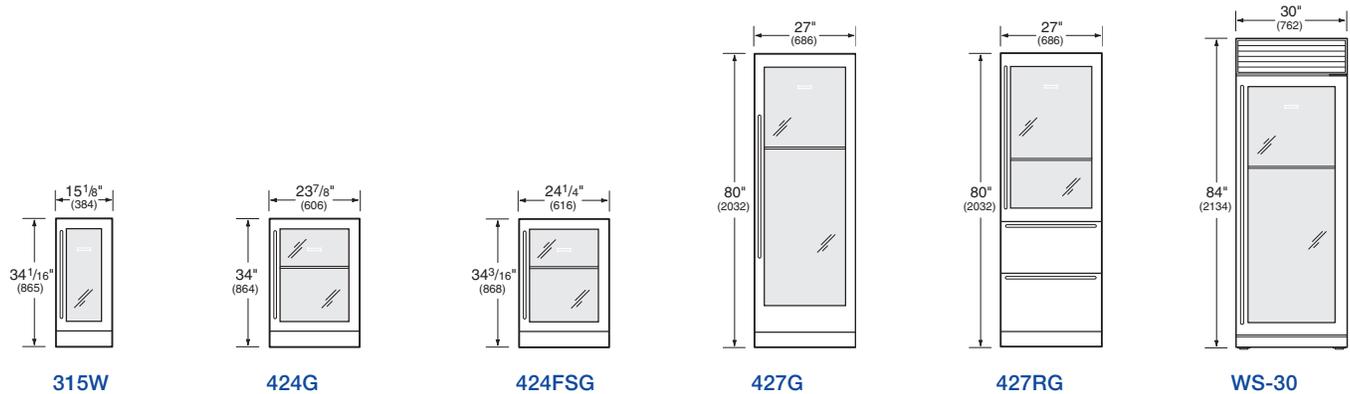


**Wine Storage.** Wine finds a well-deserved place of honor in a Sub-Zero wine storage unit. Every detail is designed to ensure better wine preservation. Cherrywood-faced shelves, soft lighting, custom cabinetry if desired—Sub-Zero helps make a wine collection an element of beauty in the home.

## WINE STORAGE MODELS

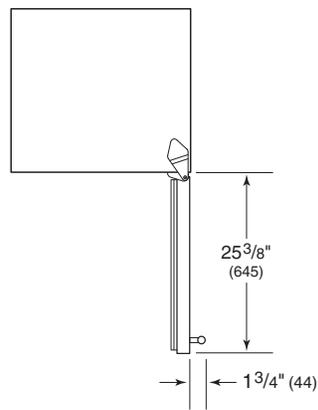
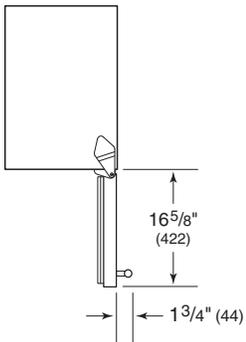
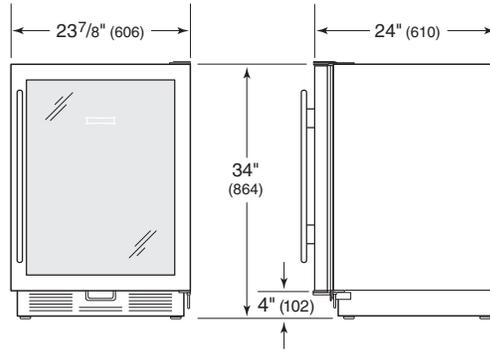
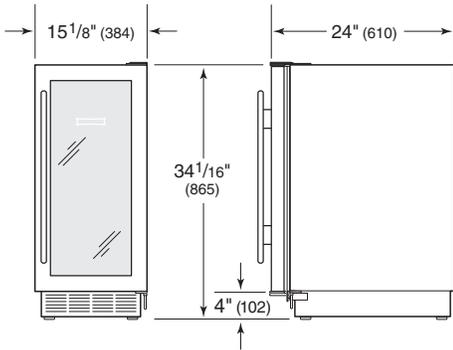


## KEY FEATURES

- Integrated, overlay, flush inset and stainless steel design options.
- Full-view glass door standard on all models.
- Freestanding model 424FSG does not require panels or surrounding cabinetry.
- Discreet interior lighting with illuminated display shelf for prized bottles of wine.
- Two independent storage zones maintain temperature, humidity and UV protection.
- Roller-assembly wine shelves with natural cherrywood facing have three-quarter extension for easy access.
- Wine shelves accommodate 750 ml bottles, half-bottles and magnums.

Overall Dimensions

UNDERCOUNTER WINE STORAGE



MODEL 315W

Refer to page 83 for door clearance information.

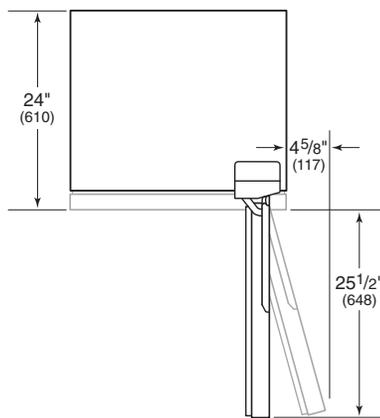
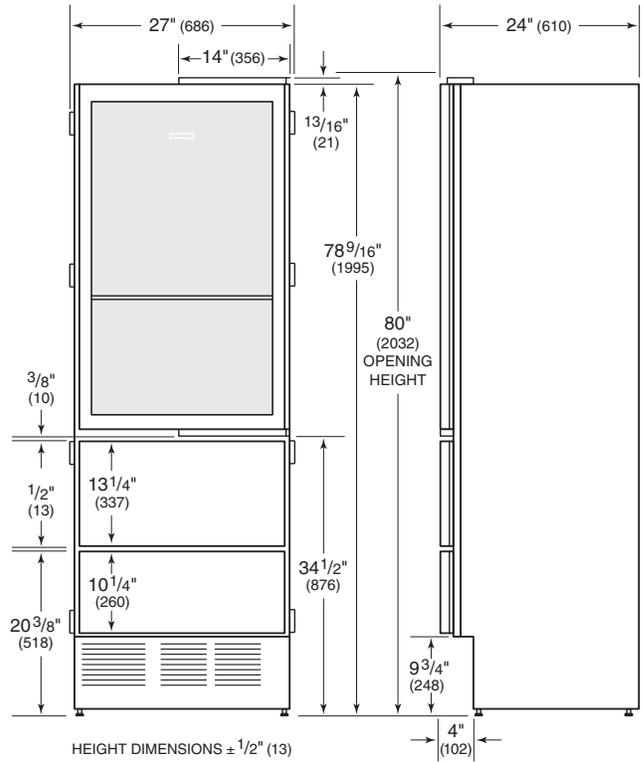
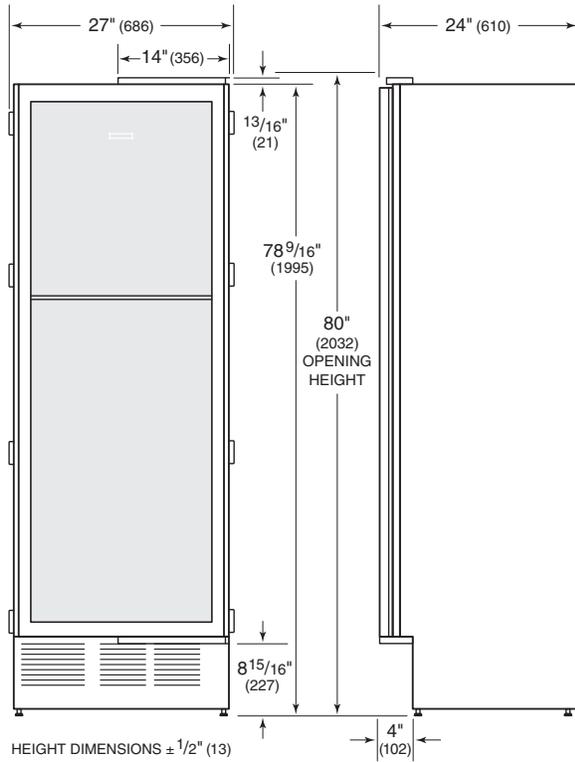
MODEL 424G

Refer to page 83 for door clearance information.

Overall dimensions are based on stainless steel panels and handles.

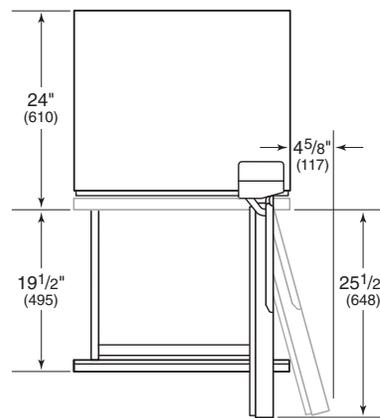
Overall Dimensions

FULL-SIZE WINE STORAGE



DIMENSIONS WILL VARY WITH PANEL THICKNESS

MODEL 427G



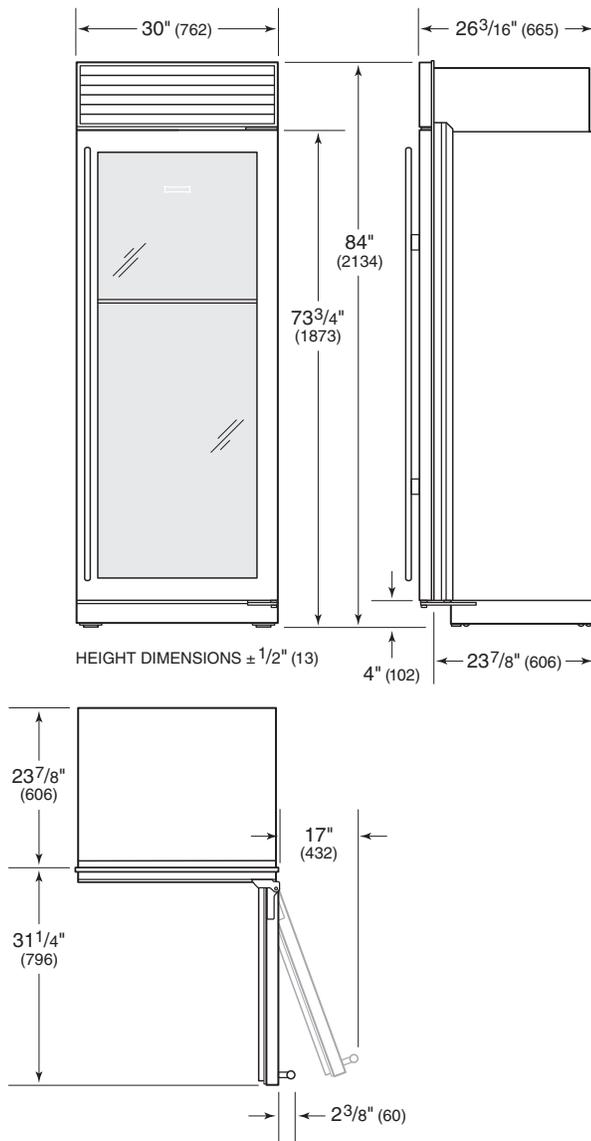
DIMENSIONS WILL VARY WITH PANEL THICKNESS

MODEL 427RG  
WITH REFRIGERATOR DRAWERS

Overall dimensions do not include panels or handles.

### Overall Dimensions

#### FULL-SIZE WINE STORAGE



#### MODEL WS-30

Overall dimensions are based on the stainless steel model. For flush inset applications, add 1/2" (13) to door clearance dimensions.

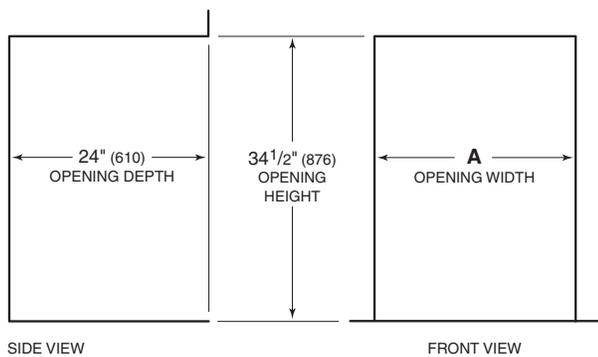
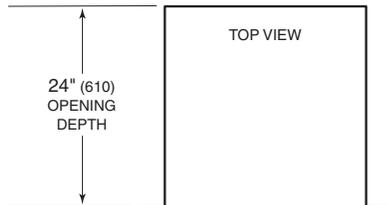
### Capacity and Weight

Storage Capacity	Bottles (750 ml)	R cu ft (L)
315W	26	
424G	46	
427G	132	
427RG	78	5.3 (150)
WS-30	147	

Shipping Weight	lbs (kg)
315W	118 (54)
424G	195 (88)
424FSG	220 (100)
427G	395 (179)
427RG	410 (186)
WS-30	445 (202)

Opening Dimensions

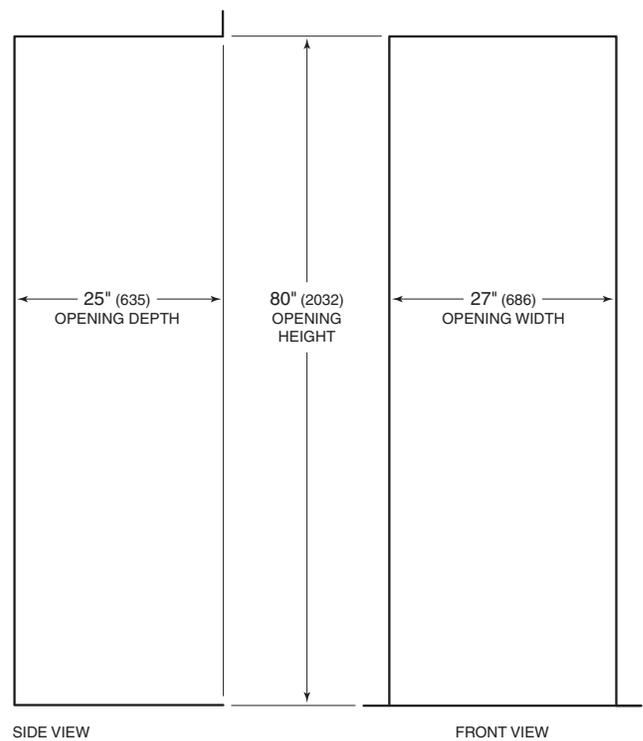
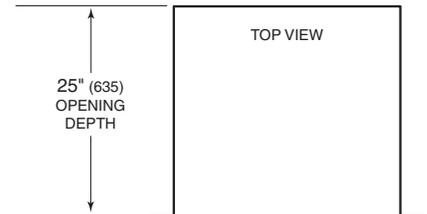
UNDERCOUNTER WINE STORAGE



MODELS 315W AND 424G

Opening Width	A
315W	15 1/4" (387)
424G	24" (610)

FULL-SIZE WINE STORAGE

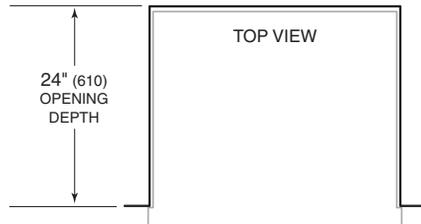


MODELS 427G AND 427RG

**IMPORTANT NOTE:** The depth of each integrated model 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).

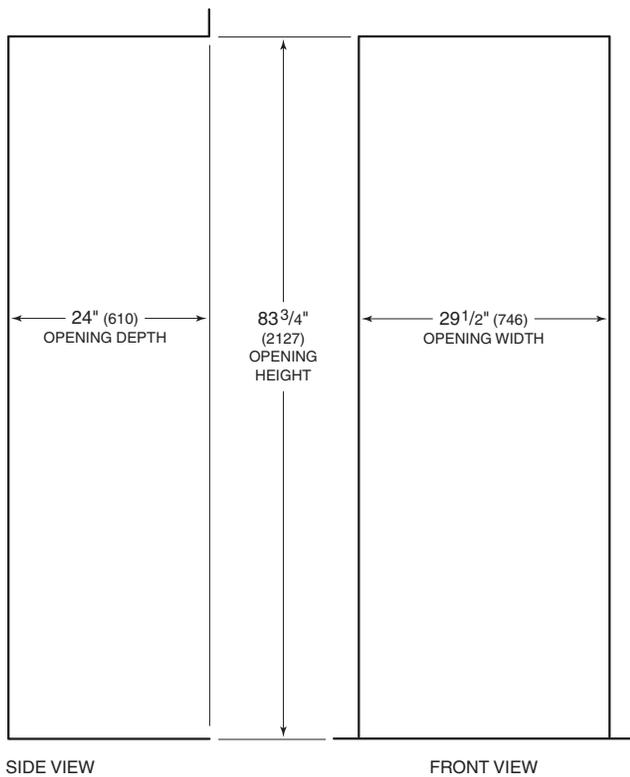
### Opening Dimensions

#### FULL-SIZE WINE STORAGE



**IMPORTANT NOTE:** If an 83" (2108) grille height is specified, the opening height must be decreased by  $\frac{7}{8}$ " (22). If an 88" (2235) grille height is specified, the opening height increases by 4" (102).

If two units are installed side by side, refer to pages 30–31 for dual standard installations.



MODEL WS-30

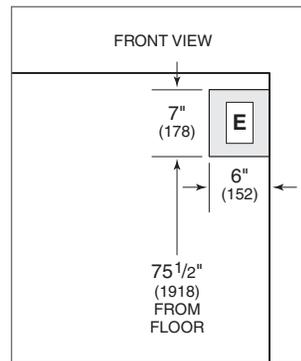
## Planning Information

### ELECTRICAL REQUIREMENTS

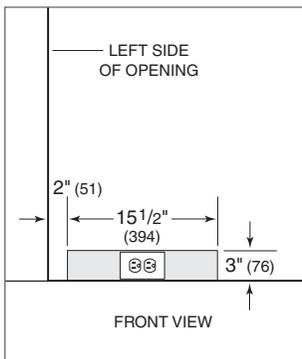
The electrical supply should be located within the shaded area shown in the illustration for your specific model. For model 315W, the electrical supply can be located anywhere on the back wall of the opening. Follow the National Electrical Code and local codes and ordinances when installing the receptacle. A separate circuit, servicing only this appliance, is required. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

If you will be connecting the unit to a 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 model.

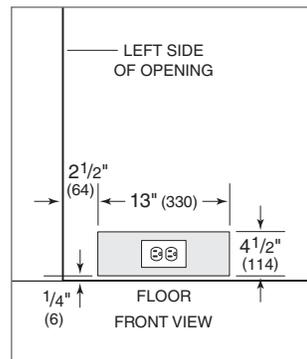
Electrical Requirements	
Power Supply	115 V AC, 60 Hz
Circuit Breaker	15 amp
Receptacle	3-prong grounding-type



Model WS-30.



Model 424G.



Models 427G and 427RG.

## Overlay Panels

### MODELS 315W AND 424G

For models 315W and 424G, the overlay door panel will affix directly to the door with screws through a series of predrilled holes.

Do not install a solid panel on the glass door unit. This may cause moisture to form behind the panel. For model 424G, a solid door is available as a sales accessory and must be installed if a solid door panel is being specified. Service may be required to install the door. Contact your authorized Sub-Zero dealer for more information. For solid door dimensions, refer to the overall glass door panel dimensions. Refer to the charts for panel specifications.

**IMPORTANT NOTE:** The width of stiles and rails can be increased but should not exceed cabinet manufacturers' standard widths or the overall panel dimensions. The back sides of stiles and rails that will be visible through the glass door will need to be finished along with the inside edges of the frame.

Overlay Panels		
PANEL DIMENSIONS	W	H
315W	15" (381)	30 <sup>1</sup> / <sub>16</sub> " (764)
424G	23 <sup>3</sup> / <sub>4</sub> " (603)	30 <sup>1</sup> / <sub>16</sub> " (764)

Panel Requirements	
<b>MIN WIDTH</b>	
Stiles / Rails	2 <sup>1</sup> / <sub>4</sub> " (57)
<b>MAX PANEL WEIGHT</b>	
Door Frame (315W)	10 lbs (5 kg)
Door Frame (424G)	10 lbs (5 kg)
<b>MIN PANEL THICKNESS</b>	
Overlay Panels	<sup>5</sup> / <sub>8</sub> " (16)

## Door Clearance

### MODELS 315W AND 424G

Models 315W and 424G can be installed flush with surrounding cabinetry. Depending on the thickness of the overlay door panel, it may be necessary to install the unit so that it extends <sup>1</sup>/<sub>4</sub>" (6) beyond the front surface of surrounding cabinetry. This will prevent interference between the door panel and adjacent cabinetry up to a 145° door opening. Refer to the full-scale template on page 83.

## Freestanding Model 424FSG

Model 424FSG does not require any panels or surrounding cabinetry. It has a finished stainless steel exterior that is designed to be used in a freestanding application.

## Integrated Panels

### MODELS 427G AND 427RG

For models 427G and 427RG, the integrated door panel will affix directly to the door with screws through a series of predrilled holes. Drawer panels for model 427RG will be applied using the integrated mounting brackets.

Do not install a solid panel on the glass door unit. This may cause moisture to form behind the panel. A solid door is available as a sales accessory and must be installed if a solid door panel is being specified. Service may be required to install the door. Contact your authorized Sub-Zero dealer for more information. For solid door dimensions, refer to the overall glass door panel dimensions. Refer to the charts for panel specifications.

Panel dimensions listed in the chart, assume the models finish off at 80" (2032) in overall height and a 4" (102) toe kick for model 427G.

The height of the door panel can extend beyond the typical panel height, provided you do not exceed the panel weight limit. The toe kick clearance can vary with the height of the panel. Refer to specifications on page 59.

**IMPORTANT NOTE:** The width of stiles and rails can be increased but should not exceed cabinet manufacturers' standard widths or the overall panel dimensions. The back sides of stiles and rails that will be visible through the glass door will need to be finished along with the inside edges of the frame.

**IMPORTANT NOTE:** The depth of each integrated model 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.

An optional lock kit is available for models 427G and 427RG. Review the lock kit instructions to ensure your panels will allow for adequate installation. These instructions are available on our website, [subzero.com/specs](http://subzero.com/specs).

Integrated Panels		
<b>427G</b>	<b>W</b>	<b>H</b>
Door	26 <sup>3</sup> / <sub>4</sub> " (679)	75 <sup>7</sup> / <sub>8</sub> " (1927)
<b>427RG</b>	<b>W</b>	<b>H</b>
Door	26 <sup>3</sup> / <sub>4</sub> " (679)	45 <sup>3</sup> / <sub>8</sub> " (1153)
Top Drawer	26 <sup>3</sup> / <sub>4</sub> " (679)	13 <sup>9</sup> / <sub>16</sub> " (345)
Bottom Drawer	26 <sup>3</sup> / <sub>4</sub> " (679)	16 <sup>11</sup> / <sub>16</sub> " (424)

Panel Requirements	
<b>MIN WIDTH</b>	
Stiles	2 <sup>1</sup> / <sub>4</sub> " (57)
Top Rail	3 <sup>3</sup> / <sub>4</sub> " (95)
Bottom Rail (427G)	8" (203)
Bottom Rail (427RG)	3" (76)
<b>MAX PANEL WEIGHT</b>	
Door Frame	20 lbs (9 kg)
Drawer Panel (427RG)	12 lbs (5 kg)
<b>MIN PANEL THICKNESS</b>	
All Panels	<sup>5</sup> / <sub>8</sub> " (16)

### DUAL INSTALLATIONS

For information on dual installations for models 427G and 427RG, refer to integrated dual installations on page 61.

### Model WS-30

#### FRAMED PANEL

If the thickness of the framed panel is less than 1/4" (6), it 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), a routed edge must be provided around the panel to ensure a proper fit. Refer to the illustration below.

Routing, recessing or an extended handle may be required on raised panels for finger clearance under the handle.

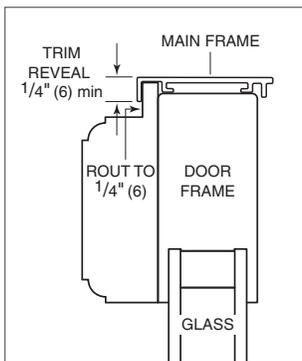
**IMPORTANT NOTE:** Do not cover the glass door with a solid panel. The window cut-out edges of the framed panel will need to be finished, as they will be exposed.

#### FRAMED PANEL SPECIFICATIONS



Framed Panel Requirements	
<b>MODEL WS-30</b>	
Max Panel Weight	75 lbs (34 kg)
Min Panel Thickness	1/4" (6)

WS-30 Framed		
<b>DOOR</b>	<b>W</b>	<b>H</b>
Door Panel	29 <sup>3</sup> / <sub>4</sub> " (756)	69 <sup>9</sup> / <sub>16</sub> " (1767)
Stiles / Rails		3 <sup>1</sup> / <sub>8</sub> " (79)



Raised framed panel.

## Model WS-30

### OVERLAY PANEL

Overlay model WS-30 can be used in an overlay or flush inset application. The specific application will affect panel sizes, opening dimensions and the installation.

Overlay model WS-30 will be shipped without handle hardware and with an overlay panel grille as standard equipment. Along with the door panel, you will need to provide a panel for the grille and hardware to complement your surrounding cabinetry.

The overlay design allows the decorative panel to cover the door trim for a more seamless appearance. The most common way to achieve this look is to work with three panels—the decorative overlay panel, which is typically 3/4" (19), a .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. The illustrations below will give you a better idea of the panel construction and how it interacts with our frame. The size of the overlay panel is critical, it must fit over the door frame.

**IMPORTANT NOTE:** Do not cover the glass door with a solid panel. The window cut-out edges of the overlay, spacer and backer panels will need to be finished, as they will be exposed.

### OVERLAY PANEL SPECIFICATIONS

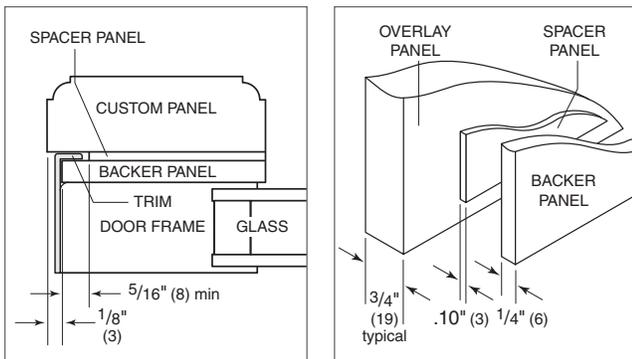


WS-30 Overlay		
DOOR	W	H
Overlay Panel	30" (762)	69 <sup>3</sup> / <sub>4</sub> " (1772)
Spacer Panel	29 <sup>1</sup> / <sub>8</sub> " (740)	68 <sup>15</sup> / <sub>16</sub> " (1751)
Backer Panel	29 <sup>3</sup> / <sub>4</sub> " (756)	69 <sup>9</sup> / <sub>16</sub> " (1767)
Stiles / Rails		A 3 <sup>1</sup> / <sub>4</sub> " (83)
GRILLE	W	H
Overlay Panel	30" (762)	9 <sup>1</sup> / <sub>4</sub> " (235)
Spacer Panel	29 <sup>1</sup> / <sub>8</sub> " (740)	8 <sup>5</sup> / <sub>16</sub> " (211)
Backer Panel	29 <sup>3</sup> / <sub>4</sub> " (756)	8 <sup>15</sup> / <sub>16</sub> " (227)

Grille panel dimensions listed are for a standard 84" (2134) overall height of the unit. For an 83" (2108) overall height, subtract 1" (25) from grille panel height dimensions. For an 88" (2235) overall height, add 4" (102) to height dimensions.

**CAUTION**  
Do not exceed overlay panel dimensions, as this could cause damage to panels and the Sub-Zero unit.

Overlay Panel Requirements	
<b>MODEL WS-30</b>	
Max Panel Weight	75 lbs (34 kg)
Min Panel Thickness	5/8" (16)



Panel assembly cross section. Panel assembly rear view.

### Model WS-30

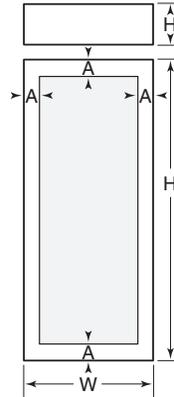
#### FLUSH INSET PANEL

Overlay model WS-30 used in a flush inset application allows the decorative panel to cover the door trim for a seamless appearance. The most common way to achieve this look is to work with three panels—the decorative flush inset panel, which is typically  $\frac{3}{4}$ " (19), a .10" (3) spacer panel and a  $\frac{1}{4}$ " (6) backer panel. Depending on your cabinet manufacturer, this could be one panel routed for different dimensions. The illustrations below will give you a better idea of the panel construction and how it interacts with our frame. The size of the flush inset panel is critical, it must fit over the door frame.

**IMPORTANT NOTE:** Do not cover the glass door with a solid panel. The inside edges of the rough opening as well as the sides and a portion of the back side of the decorative panels will need to be finished, as they will be exposed when the doors are open. The window cut-out edges of the overlay, spacer and backer panels will also need to be finished.

**IMPORTANT NOTE:** For flush inset panels thicker than  $\frac{3}{4}$ " (19), a 90° door stop may be required to prevent interference with adjacent cabinets.

#### FLUSH INSET PANEL SPECIFICATIONS



#### WS-30 Flush Inset

DOOR	W	H
Flush Inset Panel	31" (787)	69 $\frac{3}{4}$ " (1772)
Spacer Panel	29 $\frac{1}{8}$ " (740)	68 $\frac{15}{16}$ " (1751)
Backer Panel	29 $\frac{3}{4}$ " (756)	69 $\frac{9}{16}$ " (1767)
Stiles / Rails		3 $\frac{3}{4}$ " (95)
GRILLE	W	H
Flush Inset Panel	31" (787)	9 $\frac{1}{4}$ " (235)
Spacer Panel	29 $\frac{1}{8}$ " (740)	8 $\frac{5}{16}$ " (211)
Backer Panel	29 $\frac{3}{4}$ " (756)	8 $\frac{15}{16}$ " (227)

#### Flush Inset Panel Requirements

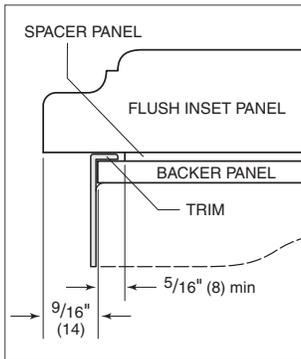
##### MODEL WS-30

Max Panel Weight	75 lbs (34 kg)
Min Panel Thickness	$\frac{5}{8}$ " (16)

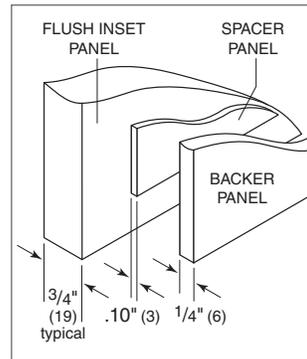
Grille panel dimensions listed are for a standard 84" (2134) overall height of the unit. For an 83" (2108) overall height, subtract 1" (25) from grille panel height dimensions. For an 88" (2235) overall height, add 4" (102) to height dimensions.

#### CAUTION

Do not exceed flush inset panel dimensions, as this could cause damage to panels and the Sub-Zero unit.



Panel assembly cross section.



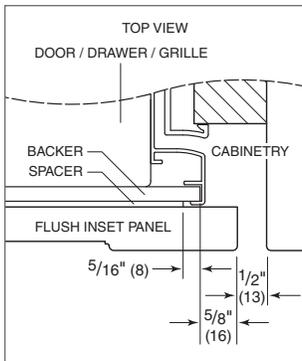
Panel assembly rear view.

## Model WS-30

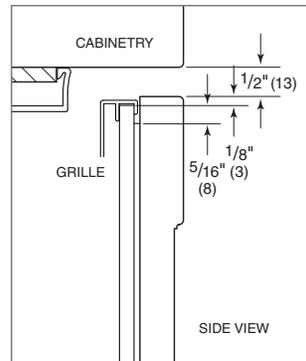
### FLUSH INSET PANEL

Illustrations A–D provide panel offsets and reveals for model WS-30 in a flush inset application. Refer to the chart below for reference to the illustrations.

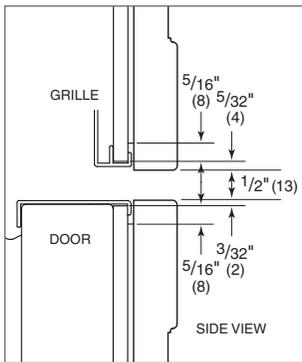
Panel Offsets	Illus.
<b>MODEL WS-30</b>	
Door / Grille Sides	A
Grille Top	B
Grille Bottom / Door Top	C
Door Bottom	D



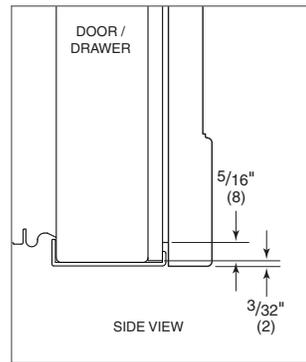
Illus. A



Illus. B



Illus. C



Illus. D

### DUAL INSTALLATIONS

When two models WS-30 or a model WS-30 and built-in unit are installed side by side, a dual installation kit may be required. Contact your authorized Sub-Zero dealer for the proper components and installation instructions. For questions relative to the installation, call Sub-Zero at 800-222-7820. For local dealer information, visit the find a showroom section of our website, subzero.com.

### DUAL STANDARD INSTALLATIONS

Two framed, overlay or stainless steel units may be placed side by side in a dual installation. Some dual standard installations will require a dual installation kit, available through your authorized Sub-Zero dealer.

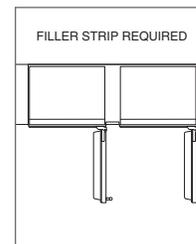
A custom filler strip can be used in between two units in a framed, overlay or stainless steel design application. It is recommended that the filler strip be at least 2" (51) wide, to prevent condensation between the units. Be sure to add the filler strip width to your rough opening width.

Dual installations without a filler strip can only be accomplished using two units with opposite hinges as shown in illustration A below. The dual installations shown in illustrations B and C require a filler strip.

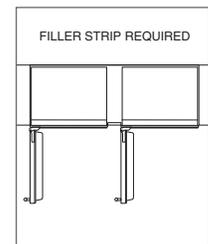
**IMPORTANT NOTE:** For the application shown in illustration A, a dual installation accessory kit is required.



Illus. A



Illus. B



Illus. C

### Model WS-30

#### DUAL FLUSH INSET INSTALLATIONS

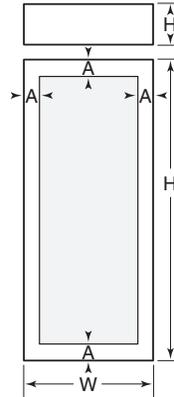
Installing two models WS-30 or a model WS-30 and built-in unit side by side in a flush inset application will require adjustments to the dimensions of your finished rough opening, panel sizes and panel offsets. It will also require a dual installation kit, available through your authorized Sub-Zero dealer.

Dual installations without a filler strip can only be accomplished using two units with opposite hinges as shown in illustration A below. The dual installations shown in illustrations B and C require a filler strip. Illustration A is the only application that will accommodate the dual wide grille.

**IMPORTANT NOTE:** The application shown in illustration A can only be achieved by installing dual flush inset panels. Failure to install dual flush inset panels will cause the handle side of the panels to collide when closing. In this application a dual installation accessory kit is also required.

Dual flush inset panels and dual installation kits are available through your authorized Sub-Zero dealer. Refer to the illustration and chart for dual flush inset panel specifications.

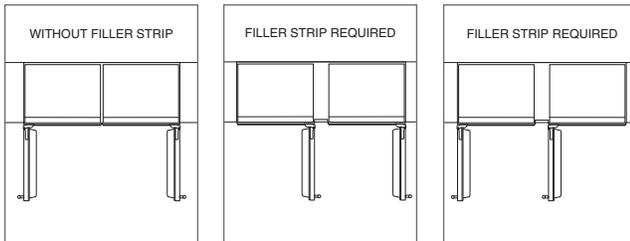
#### DUAL FLUSH INSET PANEL SPECIFICATIONS



#### WS-30 Dual Flush Inset

DOOR	W	H
Flush Inset Panel	30 1/2" (775)	69 3/4" (1772)
Spacer Panel	29 1/8" (740)	68 15/16" (1751)
Backer Panel	29 3/4" (756)	69 9/16" (1767)
Stiles / Rails		3 3/4" (95)
GRILLE	W	H
Flush Inset Panel	30 1/2" (775)	9 1/4" (235)
Spacer Panel	29 1/8" (740)	8 5/16" (211)
Backer Panel	29 3/4" (756)	8 15/16" (227)

Grille panel dimensions listed are for a standard 84" (2134) overall height of the unit. For an 83" (2108) overall height, subtract 1" (25) from grille panel height dimensions. For an 88" (2235) overall height, add 4" (102) to height dimensions.



Illus. A

Illus. B

Illus. C

## Model WS-30

### DUAL FLUSH INSET PANELS

When installing two models WS-30 or a model WS-30 and built-in unit side by side in a flush inset application, you must decrease the width of the decorative flush inset panels by  $\frac{1}{2}$ " (13). Adjustments to the panel offsets will also need to be made. These adjustments are needed to achieve a proper fit and to ensure the panels do not collide when closing. Panel dimensions in the chart below have been adjusted to reflect the decrease in panel dimensions.

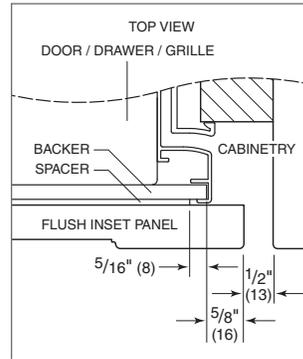
**IMPORTANT NOTE:** If a filler strip is not used, dual installations can only be accomplished using two units with opposite hinges.

Illustrations A–E provide panel offsets and reveals for model WS-30 in a flush inset application. Refer to the chart below for reference to the illustrations. All reveals are  $\frac{1}{2}$ " (13) unless otherwise specified.

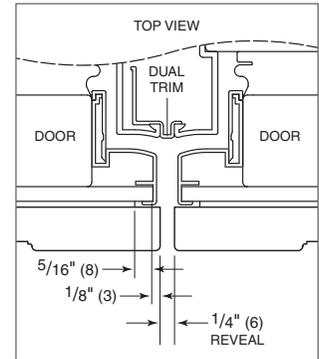
**⚠ CAUTION**

Do not exceed the flush inset decorative panel dimensions. Exceeding dimensions could cause damage to the panels and the Sub-Zero unit.

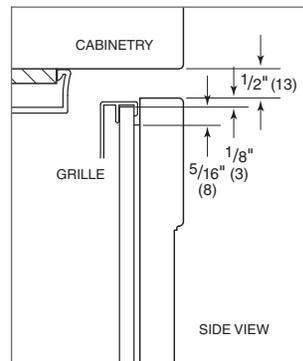
Panel Offsets	Illus.
<b>MODEL WS-30</b>	
Doors (hinge) / Grille Sides	A
Doors (handle) Sides	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom	E



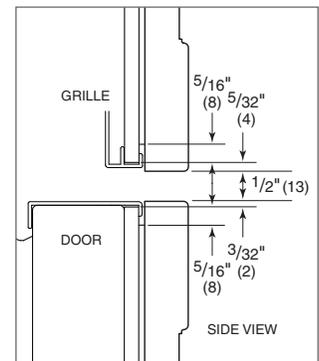
Illus. A



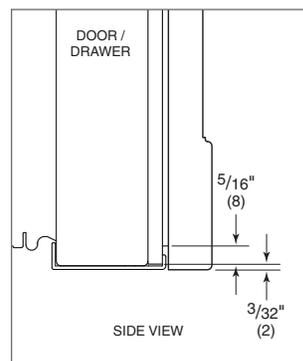
Illus. B



Illus. C



Illus. D



Illus. E

### Side Panels

#### MODEL WS-30

When planning for side panels with the installation of the model WS-30, you need to be aware of the space configuration to achieve a pleasing fit. Depending on the exact panel you are using, the height of the panel may vary.

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

When installing a model WS-30 with a custom side panel, an accessory kit is required. Stainless steel side panels are also available through your authorized Sub-Zero dealer.

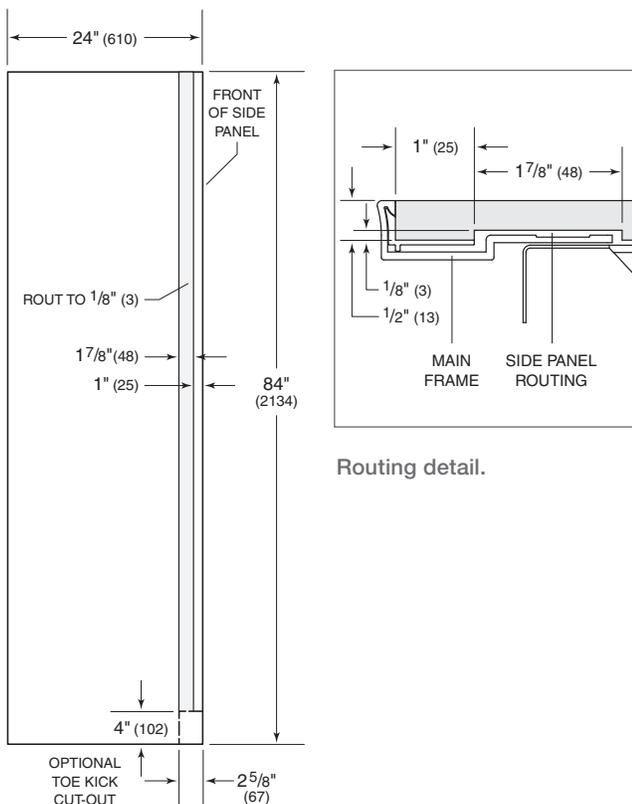
The side panel will need to be a minimum of 24" (610) deep and 1/2" (13) thick. Refer to the illustrations below for side panel dimensions. Routing will be necessary so that the side panel fits flush against the side of the unit.

### Handle Hardware

For overlay and integrated models, handle hardware must be provided. Optional stainless steel tubular and pro handles are available through your authorized Sub-Zero dealer.

The door frame has numerous mounting holes on each side to accommodate handle hardware. Using the pre-drilled holes to attach the handle will provide the best alignment and strength.

**IMPORTANT NOTE:** Refer to the full-scale template at the end of this section for a profile of the door frame and position of the glass. Do not drill through the glass.



Side panel dimensions.

### Accessories

These optional accessories are available through your authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

- Stainless steel front panel with tubular or pro handle for models 427G and 427RG.
- Stainless steel tubular and pro handles to match the style of Wolf ovens and ranges.
- Grille for an 83" (2108) or 88" (2235) finished height for model WS-30.
- Side panel in stainless steel or white enamel and stainless steel kickplate for model WS-30.
- Full-length standard or extended framed handle for model WS-30.
- Dual installation kit.
- UL approved door lock.
- 90° door stop for model WS-30.
- Harness kit for Star-K compliance.

### STANDARD HANDLES

Refer to the chart below for standard handle lengths and the stud spacing of tubular and pro handles used on wine storage models.

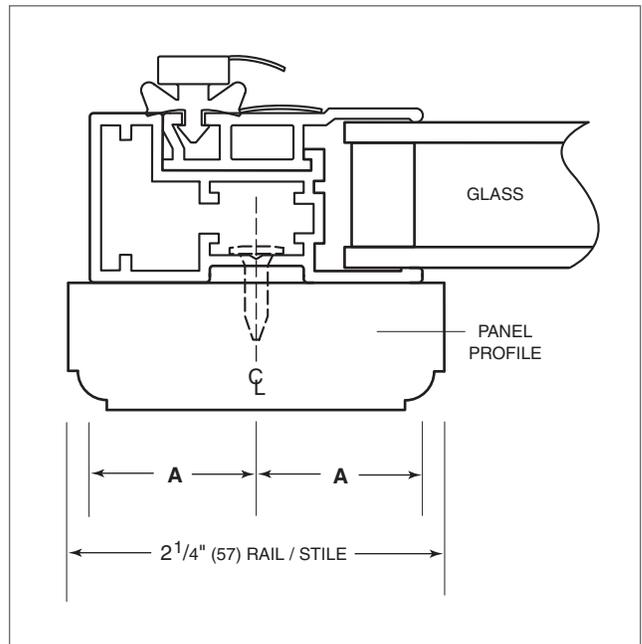
Standard Handles	Length	Stud Spacing
<b>315W, 424G, 424FSG, 427RG DRAWERS</b>		
Tubular Handle	24 <sup>3</sup> / <sub>16</sub> " (614)	16 <sup>1</sup> / <sub>4</sub> " (413)
Pro Handle	21" (533)	19 <sup>11</sup> / <sub>16</sub> " (500)
<b>427G AND 427RG DOOR</b>		
Tubular Handle	41 <sup>3</sup> / <sub>16</sub> " (1046)	33 <sup>1</sup> / <sub>4</sub> " (845)
Pro Handle	39 <sup>9</sup> / <sub>16</sub> " (1006)	38 <sup>5</sup> / <sub>16</sub> " (973)
<b>WS-30</b>		
Tubular Handle	63 <sup>7</sup> / <sub>8</sub> " (1622)	43 <sup>7</sup> / <sub>8</sub> " (1114)
Pro Handle	45 <sup>3</sup> / <sub>16</sub> " (1147)	43 <sup>7</sup> / <sub>8</sub> " (1114)

### Door Frame Profile

#### FULL-SCALE TEMPLATE

The full-scale template below shows an example of the door frame profile for wine storage models and the relationship to the overlay panel (stiles and rails).

Dimension	A
424G and 315W	1" (25)
427G and 427RG	7/8" (22)
WS-30	15/16" (24)



#### DOOR FRAME PROFILE

MODEL 424G SHOWN

### Wine Shelf Wood Facing

#### FULL-SCALE TEMPLATE

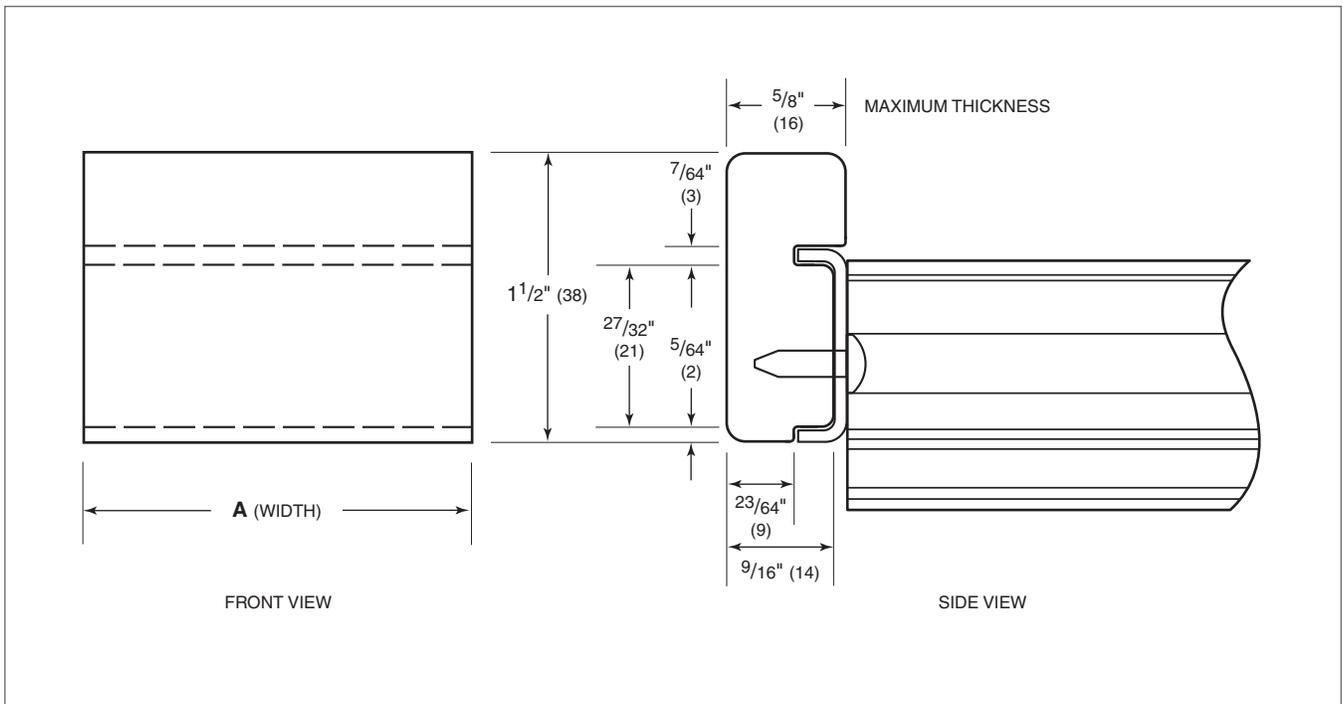
For each model, the wine storage shelves have a natural cherrywood facing. You can replace these strips with wood more complementary to your design and surrounding cabinetry. Refer to the full-scale template below.

To remove the cherry strips, take the shelves out and remove the screws. Reverse the procedure to affix the new wood facing.

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

Dimension	A
315W	10 <sup>15</sup> / <sub>16</sub> " (278)
424G and 424FSG	19 <sup>1</sup> / <sub>2</sub> " (495)
427G and 427RG	20 <sup>15</sup> / <sub>16</sub> " (532)
WS-30	24 <sup>9</sup> / <sub>16</sub> " (624)

Dimensions will vary for model 315W. Refer to specifications on our website, subzero.com.



#### WINE SHELF WOOD FACING

WINE STORAGE MODELS

### Door Clearance—Undercounter Models

#### FULL-SCALE TEMPLATE

To allow for a 145° door opening, the unit should extend a minimum of 1/4" (6) beyond the front surface of adjacent cabinetry. The unit can be installed flush, however, there is potential for interference with the panel if the door is opened past 90°.

