



Design Guide

REVISED 11/2021



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 racks, soft lighting, custom cabinetry if desired—Sub-Zero helps make a wine collection an element of beauty in the home.

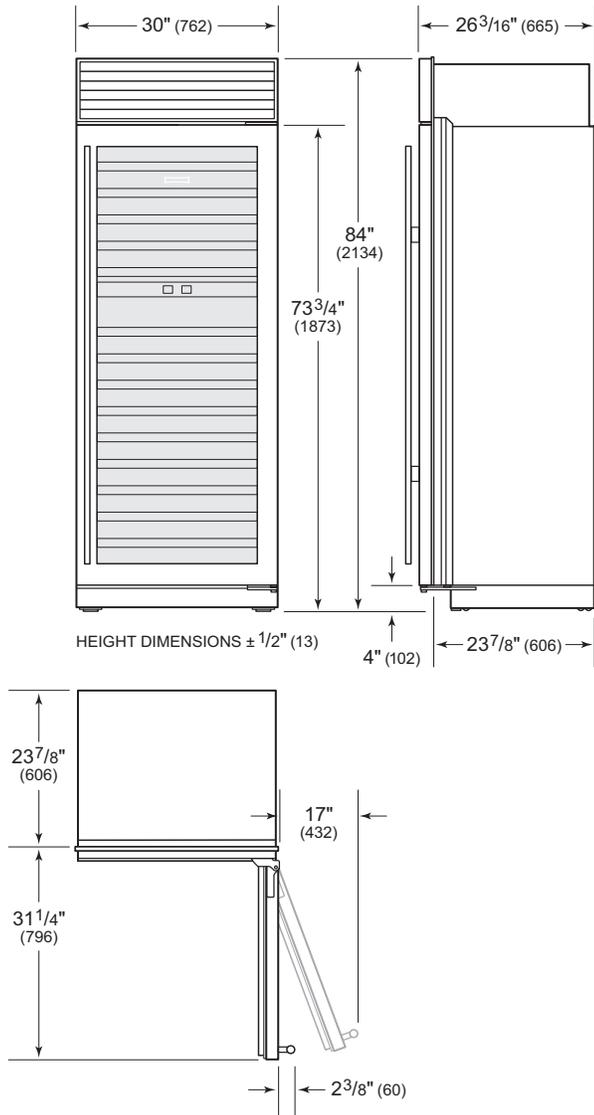
WINE STORAGE MODELS



BW-30

Overall Dimensions

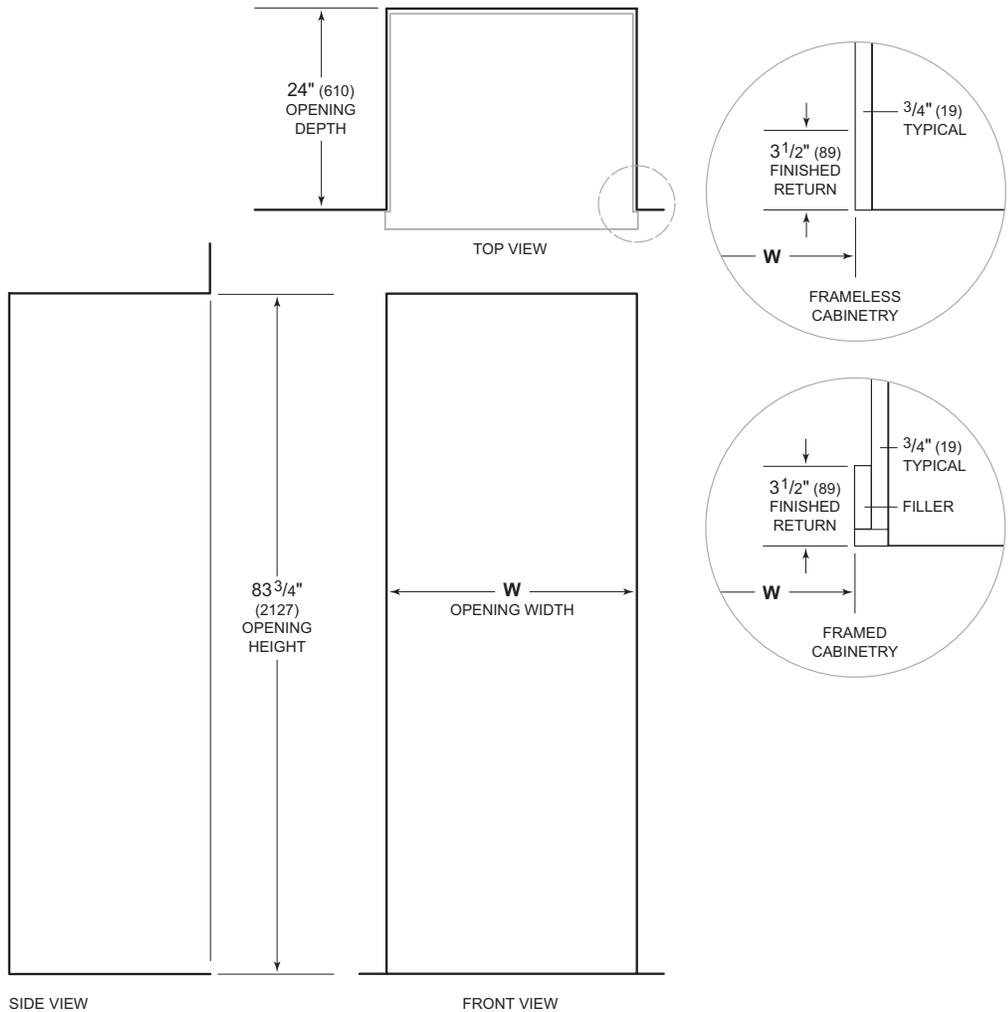
MODEL BW-30



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

Opening Dimensions

MODEL BW-30 STANDARD INSTALLATION



NOTE: 3 1/2" (89) finished returns will be visible and should be finished to match cabinetry. Shaded line represents profile of unit.

OPENING WIDTH

W

BW-30

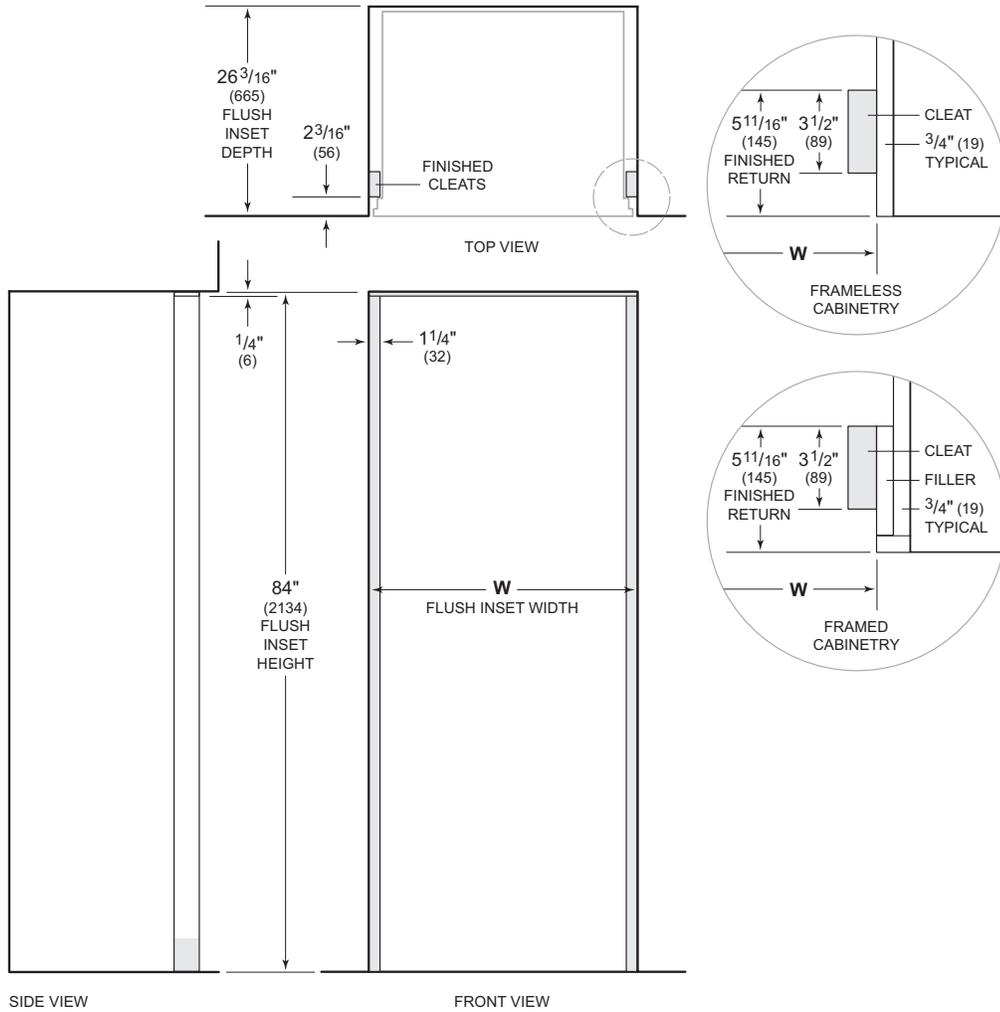
29 1/2" (749)

If an 83" (2108) grille height is specified, the opening height must be decreased by 7/8" (22). If an 88" (2235) grille height is specified, the opening height must be increased by 4" (102).

If two units are installed side by side, refer to page 64 for dual standard installations.

Opening Dimensions

MODEL BW-30 FLUSH INSET INSTALLATION



NOTE: 3 1/2" (89) finished returns and shaded areas will be visible and should be finished to match cabinetry. Shaded line represents profile of unit with 3/4" (19) panel.

FLUSH INSET WIDTH

W

BW-30

32" (813)

Flush inset is available for overlay models only.

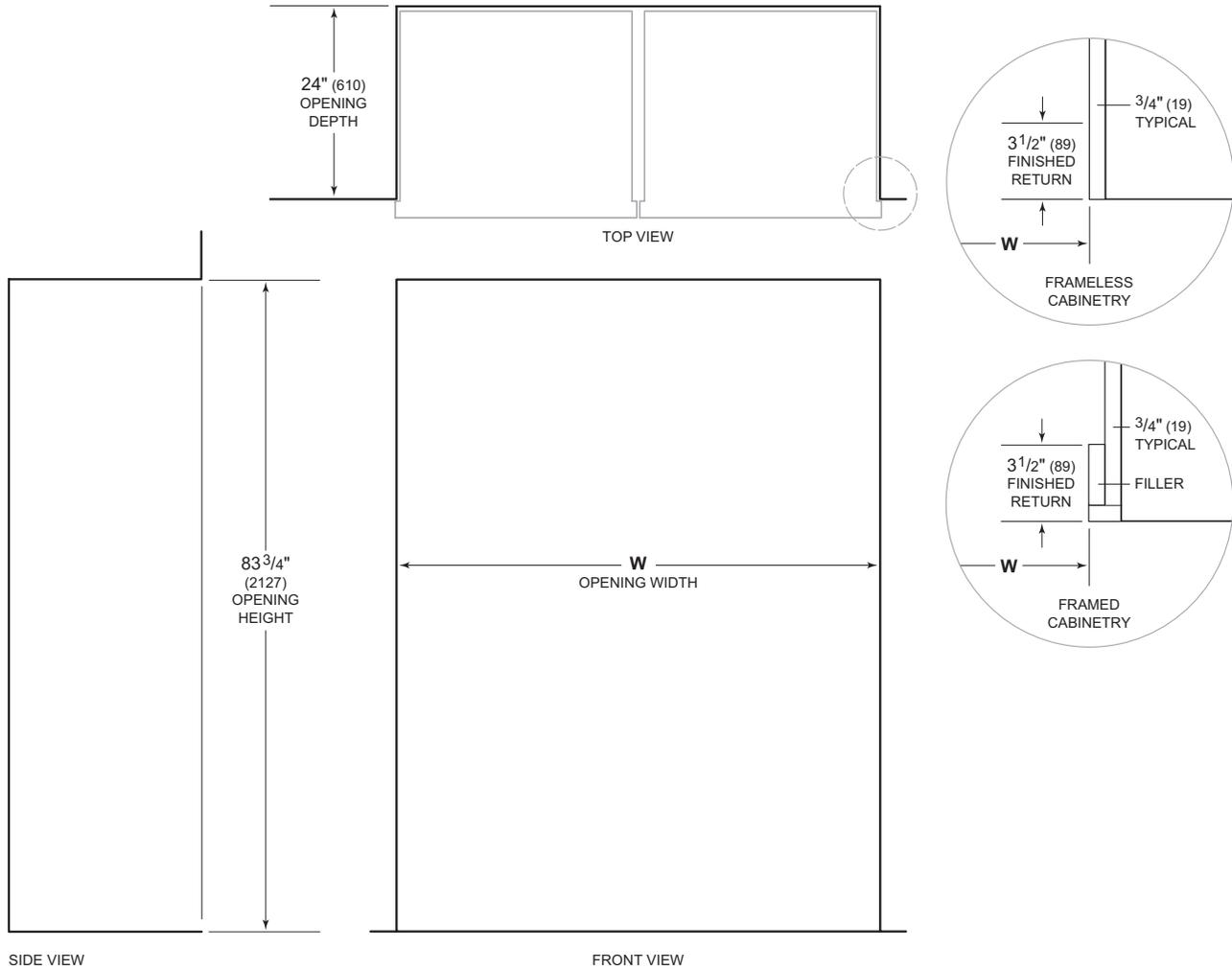
Dimensions assume a 3/4" (19) panel thickness.

If an 83" (2108) grille height is specified, the flush inset height must be decreased by 7/8" (22). If an 88" (2235) grille height is specified, the flush inset height must be increased by 4" (102).

If two units are installed side by side, refer to page 65 for dual flush inset installations.

Opening Dimensions

MODEL BW-30 DUAL STANDARD INSTALLATION



NOTE: 3 1/2" (89) finished returns will be visible and should be finished to match cabinetry. Shaded line represents profile of unit.

DUAL OPENING WIDTH

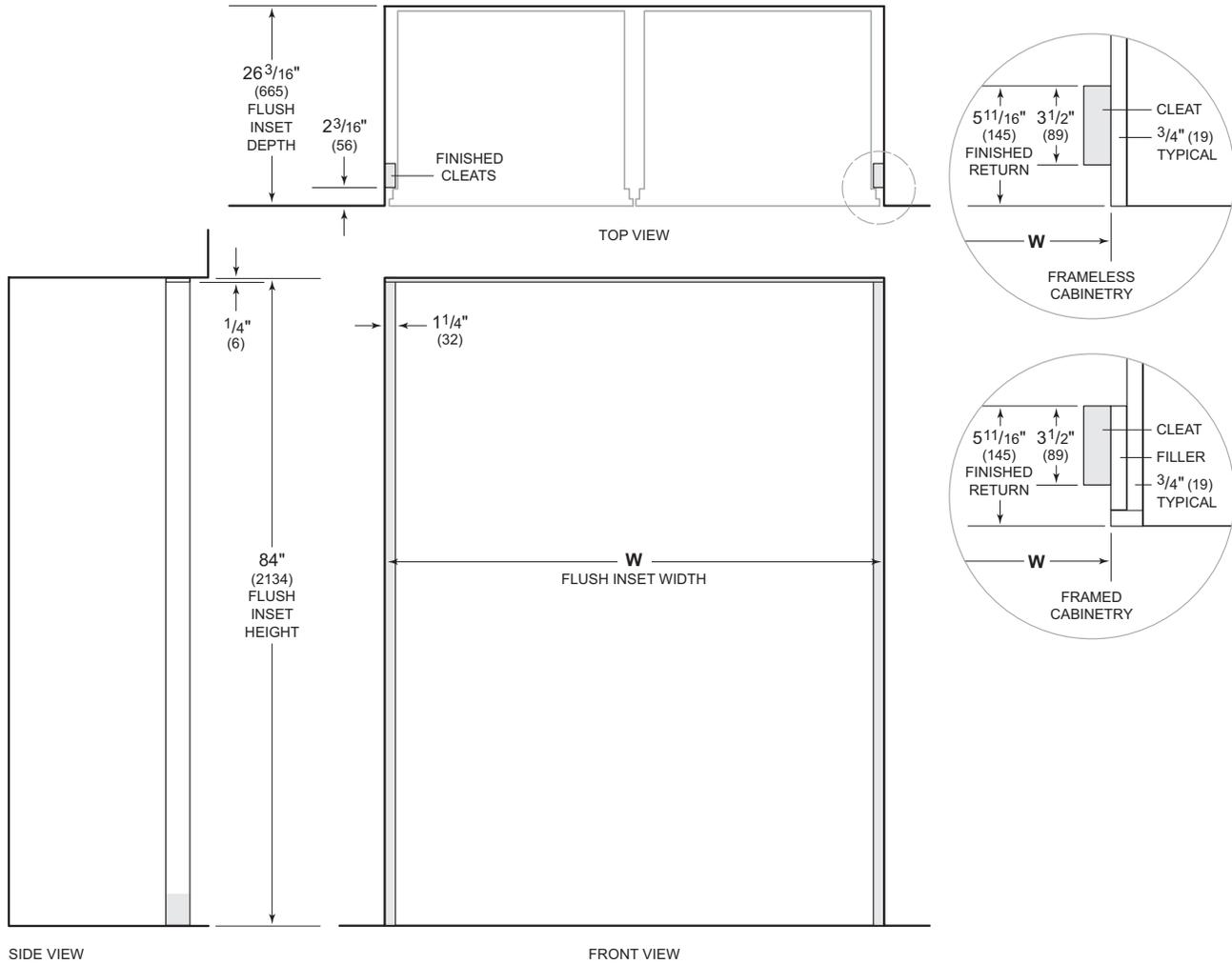
W

BW-30 and 30" Classic Model	59 3/4" (1518)
BW-30 and 36" Classic Model	65 3/4" (1670)

A dual installation kit is required for this installation.

Opening Dimensions

MODEL BW-30 DUAL FLUSH INSET INSTALLATION



NOTE: 3 1/2" (89) finished returns and shaded areas will be visible and should be finished to match cabinetry. Shaded line represents profile of unit with 3/4" (19) panel.

DUAL FLUSH INSET WIDTH

W

BW-30 and 30" Classic Model	62 1/4" (1581)
BW-30 and 36" Classic Model	68 1/4" (1734)

Flush inset is available for overlay models only.

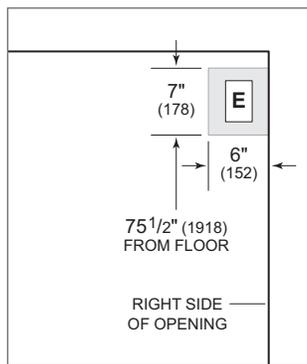
Dimensions assume a 3/4" (19) panel thickness. A dual installation kit is required for this installation.

Electrical Requirements

Locate the electrical supply within the shaded area shown in the illustration for your specific model. A separate circuit servicing only this appliance is required. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

ELECTRICAL REQUIREMENTS

Electrical Supply	115 VAC, 60 Hz
Service	15 amp dedicated circuit
Receptacle	3-prong grounding-type



Model BW-30

Custom Panels

For all models excluding stainless steel, door panels and handles must be provided. Refer to the panel requirements and custom panel dimensions charts for your specific model and design application.

Do not install a solid panel on a glass door unit. A solid door is available as a sales accessory (except model BW-30) and must be installed if a solid panel is being specified. Service may be required to install the door. Contact an authorized Sub-Zero dealer for more information. Overall dimensions are the same for glass and solid door panels.

Finish all sides of the custom panels. They may be visible when the door is open or through the window of glass door models.

A D-style handle is recommended. Locate the door handle near the edge of the panel opposite the hinge and centered top to bottom. Stainless steel tubular and pro handles are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

CAUTION

As reveals between cabinetry and the unit decrease, severe finger pinching can occur while the door is closing.

Custom Panel—BW-30

FRAMED

The framed application is an overlay model with framed design features. It is not a separate model.

If the custom panel is thinner than 1/4" (6), a filler material must be added to achieve a proper fit. If the panel is thicker than 1/4" (6), rout an edge around the panel or mount the custom panel on a sheet of 1/4" (6) thick material and insert into the channel.

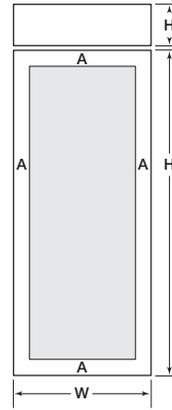
Routing, recessing, and optional extended handles may be required for finger clearance. Refer to the full-scale template on page 82.

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
Door	75 lb (34 kg)
Grille (optional)	13 lb (6 kg)

PANEL THICKNESS	MIN
Framed	1/4" (6)

FRAMED PANEL DIMENSIONS



BW-30

PANEL DIMENSIONS

FRAMED PANEL	W	H
Door	29 3/4" (756)	69 9/16" (1767)
Grille (optional)	29 3/4" (756)	8 15/16" (227)

STILES / RAILS	A
Minimum	3 3/16" (81)

Custom Panel—BW-30

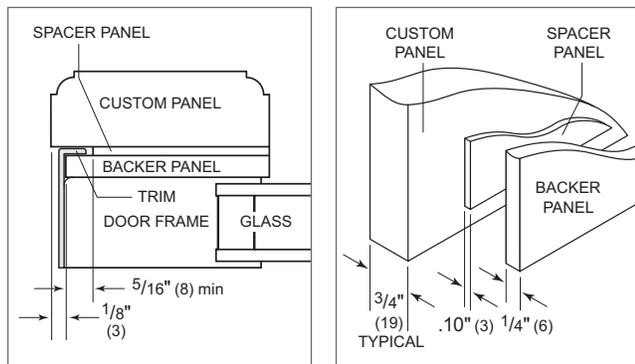
OVERLAY

Overlay panels are typically created by combining a $\frac{3}{4}$ " (19) custom panel, a .10" (3) spacer panel, and a $\frac{1}{4}$ " (6) backer panel. Refer to the illustrations below.

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
Door	75 lb (34 kg)
Grille	13 lb (6 kg)

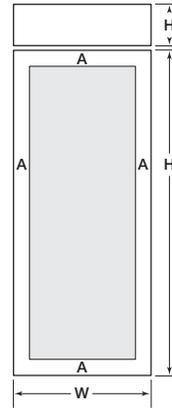
PANEL THICKNESS	MIN
Overlay	$\frac{5}{8}$ " (16)



Panel assembly (cross section)

Panel assembly (rear view)

OVERLAY PANEL DIMENSIONS



BW-30

OVERLAY PANELS

DOOR	W	H
Overlay Panel	30" (762)	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)

GRILLE	W	H
Overlay Panel	30" (762)	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)

STILES / RAILS	A
Minimum	3 $\frac{1}{4}$ " (83)

*Panel height may be increased by $\frac{7}{16}$ " (11) to hide upper main frame. Also refer to Classic panel configurator at subzero.com/trade/panels.

Grille panel dimensions are for standard 84" (2134) overall unit height. For 83" (2108) height, subtract 1" (25) from grille panel height dimensions and for 88" (2235) height, add 4" (102). A specific panel grille must be ordered for an 83" or 88" overall unit height.

Custom Panel—BW-30

FLUSH INSET

The flush inset application is an overlay model with flush inset panels. It is not a separate model.

The flush inset design allows custom panels to be installed flush with adjacent cabinets. Similar to overlay, flush inset panels are typically created by combining a $\frac{3}{4}$ " (19) custom panel, a $.10$ " (3) spacer panel, and a $\frac{1}{4}$ " (6) backer panel. Refer to the illustrations for overlay panels on the previous page.

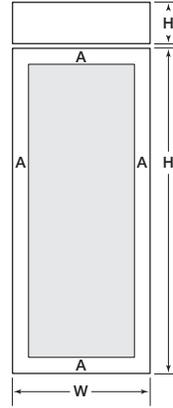
For flush inset panels thicker than $\frac{3}{4}$ " (19), a 90° door stop may be required to prevent interference with adjacent cabinets. Refer to the full-scale template on page 85.

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
Door	75 lb (34 kg)
Grille	13 lb (6 kg)

PANEL THICKNESS	MIN
Flush Inset	$\frac{5}{8}$ " (16)

FLUSH INSET PANEL DIMENSIONS



BW-30

FLUSH INSET PANELS

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)

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)

STILES / RAILS	A
Minimum	3 $\frac{3}{4}$ " (95)

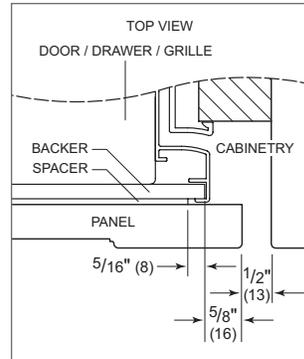
Grille panel dimensions are for standard 84" (2134) overall unit height. For 83" (2108) height, subtract 1" (25) from grille panel height dimensions and for 88" (2235) height, add 4" (102). A specific panel grille must be ordered for an 83" or 88" overall unit height.

Custom Panel—BW-30

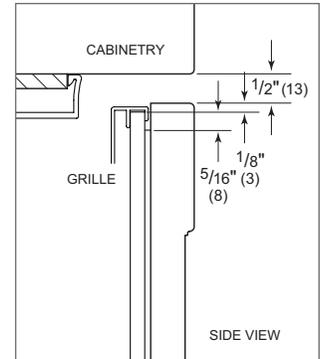
FLUSH INSET PANEL OFFSET

The illustrations provide panel offsets and reveals for model BW-30 in a flush inset application. Refer to the chart below for reference to the illustrations.

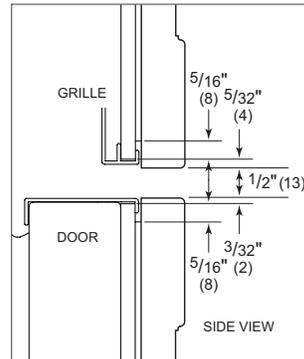
PANEL OFFSET	ILLUS
Door / Grille Sides	A
Grille Top	B
Grille Bottom / Door Top	C
Door Bottom	D



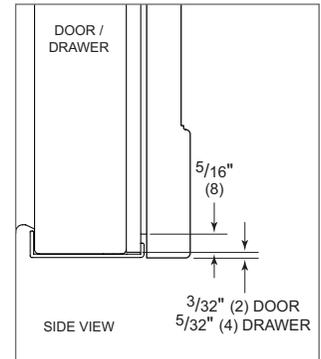
Illus. A



Illus. B



Illus. C



Illus. D

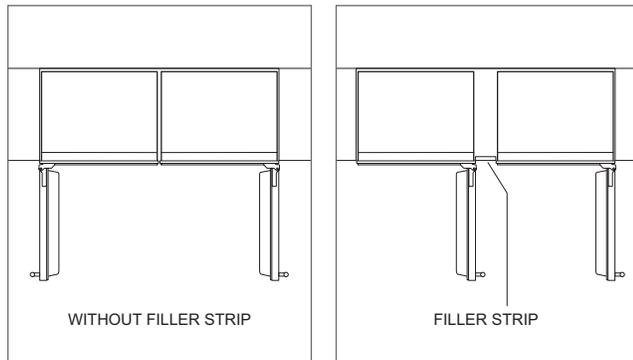
Custom Panel—BW-30

DUAL INSTALLATIONS

A dual installation kit may be required if two models BW-30 or a model BW-30 and a Classic unit are installed side by side. Installations without a custom filler strip require a dual installation kit. If a dual installation kit is not specified, a 2" (51) filler strip is recommended between the units. Dual installations without a filler strip can only be accomplished using two 84" (2134) units with opposite hinges. Refer to the illustrations below.

Dual installation kits are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com. For questions regarding the installation, call Sub-Zero Customer Care at 800-222-7820.

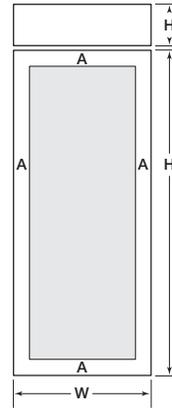
For dual standard installations, panel dimensions are the same as for single installations. Refer to the chart on page 74. Panel dimensions and offsets for dual flush inset installations are listed in the following charts.



Opposite hinges

Same side hinges

DUAL FLUSH INSET PANEL DIMENSIONS



BW-30

DUAL FLUSH INSET PANELS

DOOR	W	H
Flush Inset Panel	30½" (775)	69¾" (1772)
Spacer Panel	29⅞" (740)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	29¾" (756)	69 ⁹ / ₁₆ " (1767)
GRILLE	W	H
Flush Inset Panel	30½" (775)	9¼" (235)
Spacer Panel	29⅞" (740)	8 ⁵ / ₁₆ " (211)
Backer Panel	29¾" (756)	8 ¹⁵ / ₁₆ " (227)
STILES / RAILS	A	
Minimum	3¾" (95)	

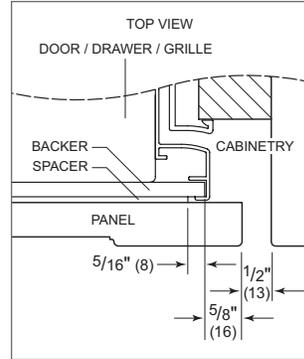
Grille panel dimensions are for standard 84" (2134) overall unit height.

Custom Panel—BW-30

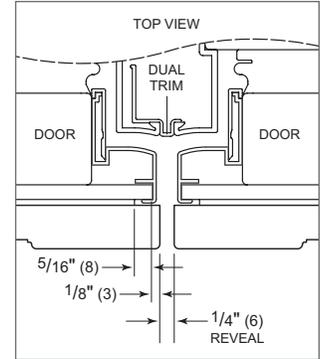
DUAL FLUSH INSET PANEL OFFSET

The illustrations provide panel offsets and reveals for model BW-30 in a dual flush inset application. Refer to the chart below for reference to the illustrations.

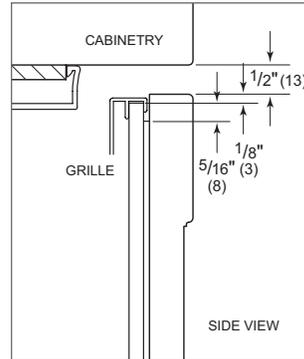
PANEL OFFSET	ILLUS
Door (hinge) / Grille Sides	A
Door (handle) Sides	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom	E



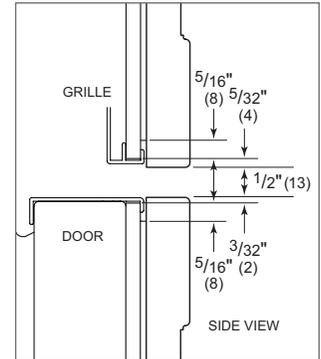
Illus. A



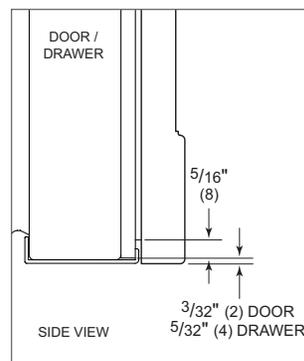
Illus. B



Illus. C



Illus. D



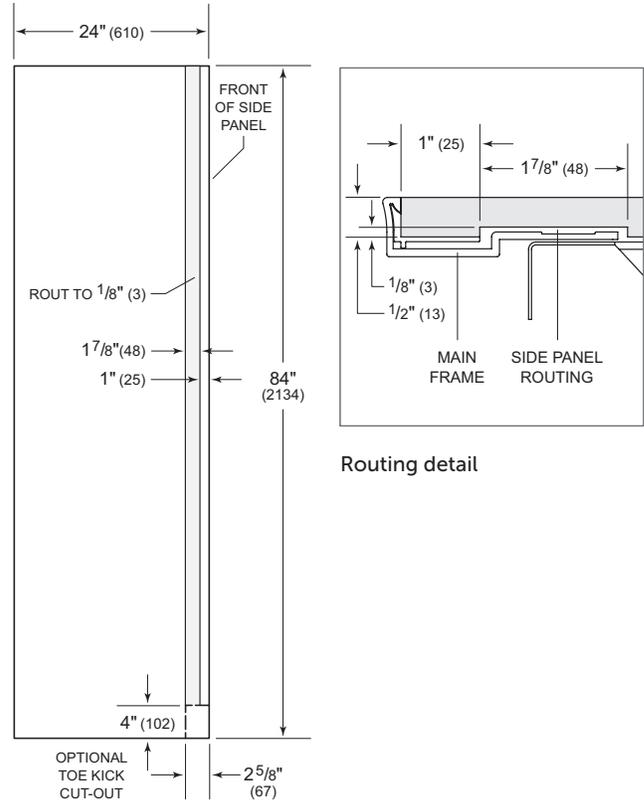
Illus. E

Custom Panel—BW-30

SIDE PANEL

The custom side panel must be a minimum of 24" (610) deep and 1/2" (13) thick. Routing will be necessary for the side panel to fit flush against the side of the unit. Refer to the illustrations.

When installing model BW-30 with a custom side panel, an accessory kit is required. Stainless steel and white enamel side panels are available for an 84" (2134) finished height through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

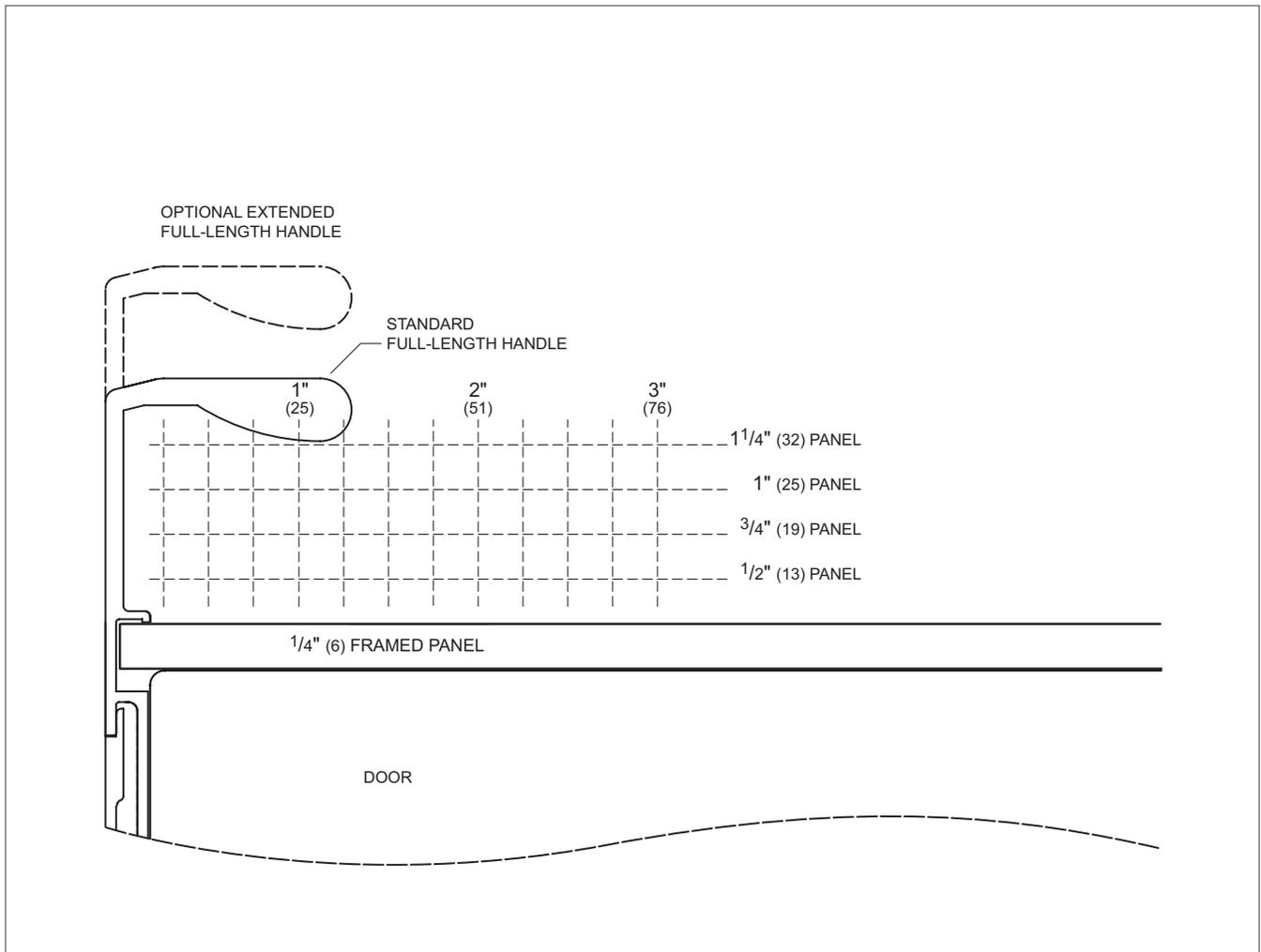


Side panel dimensions

Routing detail

Framed Panel—BW-30

FULL-SCALE TEMPLATE

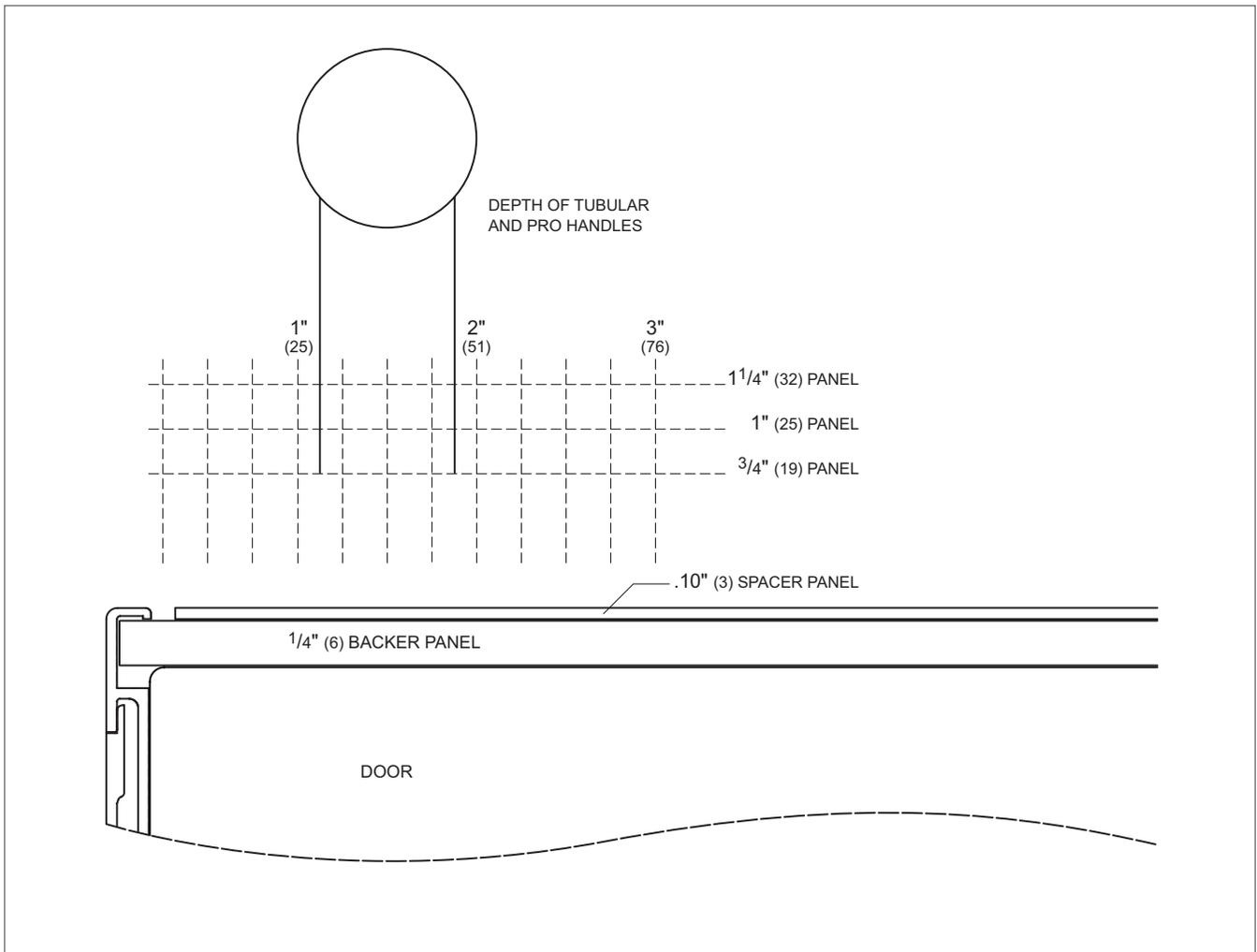


Framed panel thickness

Overlay / Flush Inset Panels—BW-30

FULL-SCALE TEMPLATE

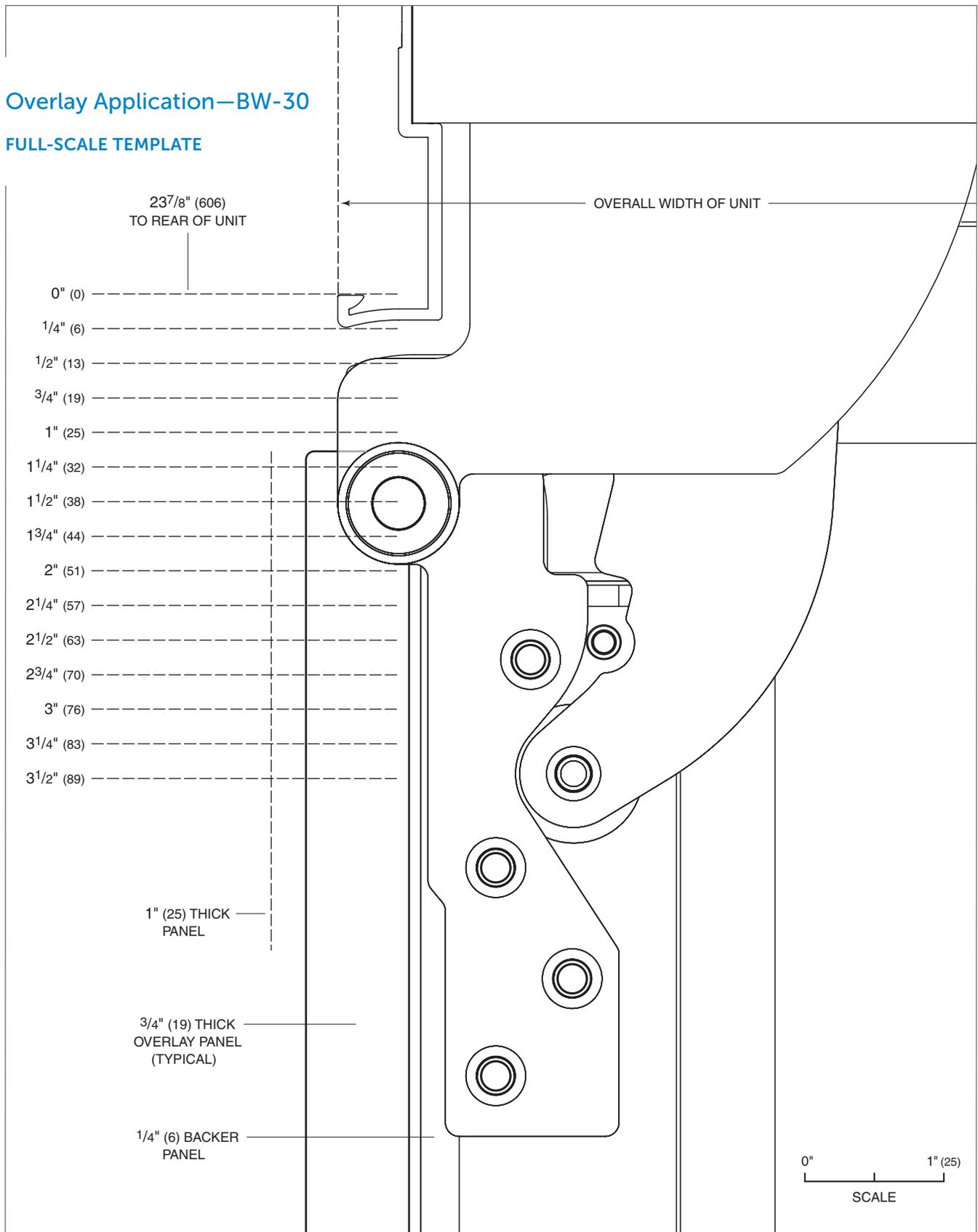
Overlay and flush inset panels must be a minimum of $\frac{5}{8}$ " (16) thick to support mounting the handle. Panel thickness does not include the backer and spacer panels. Mount the handle close to the opening edge of the door.



Overlay and flush inset panel thickness

Overlay Application—BW-30

FULL-SCALE TEMPLATE

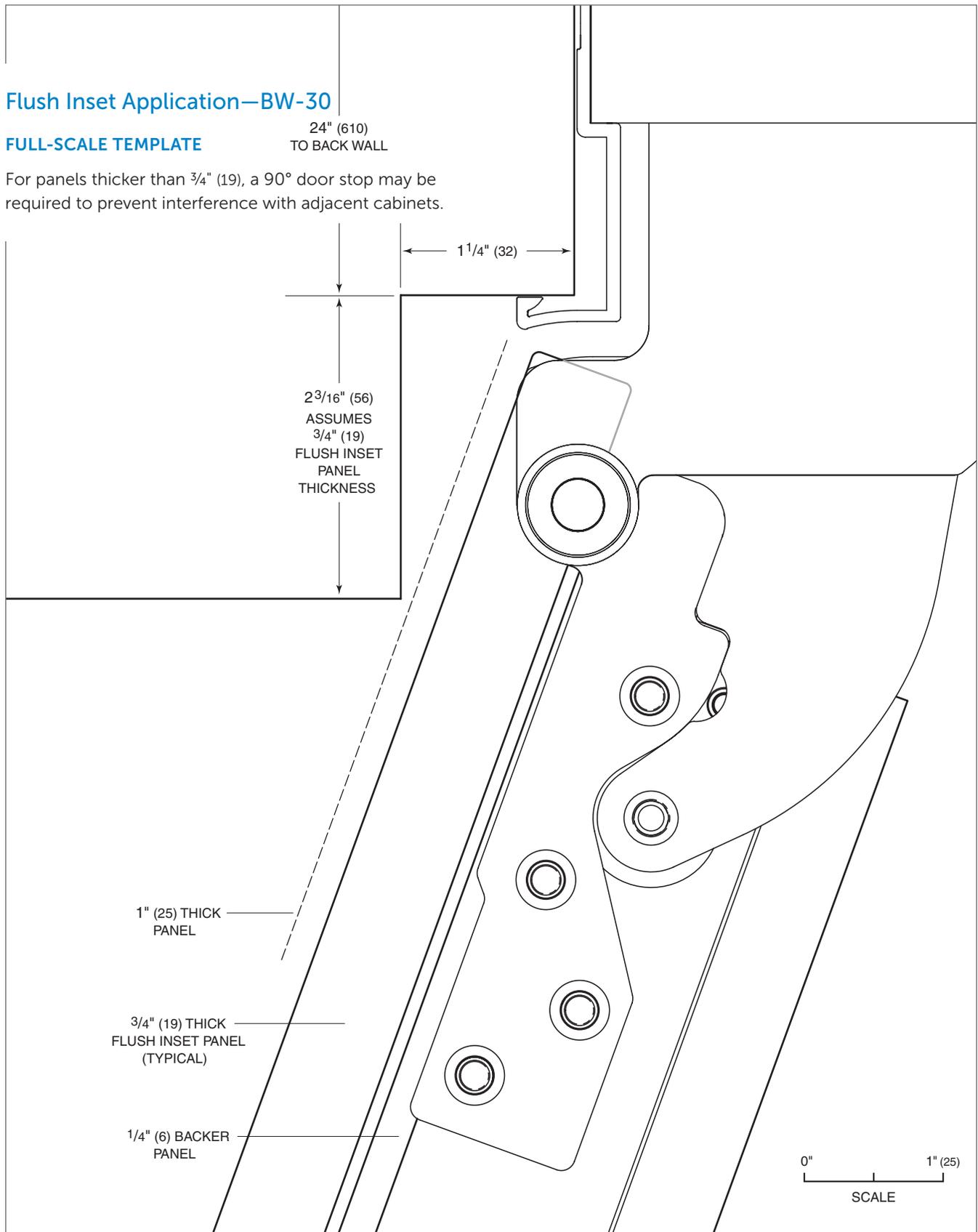


90° door opening (top view)

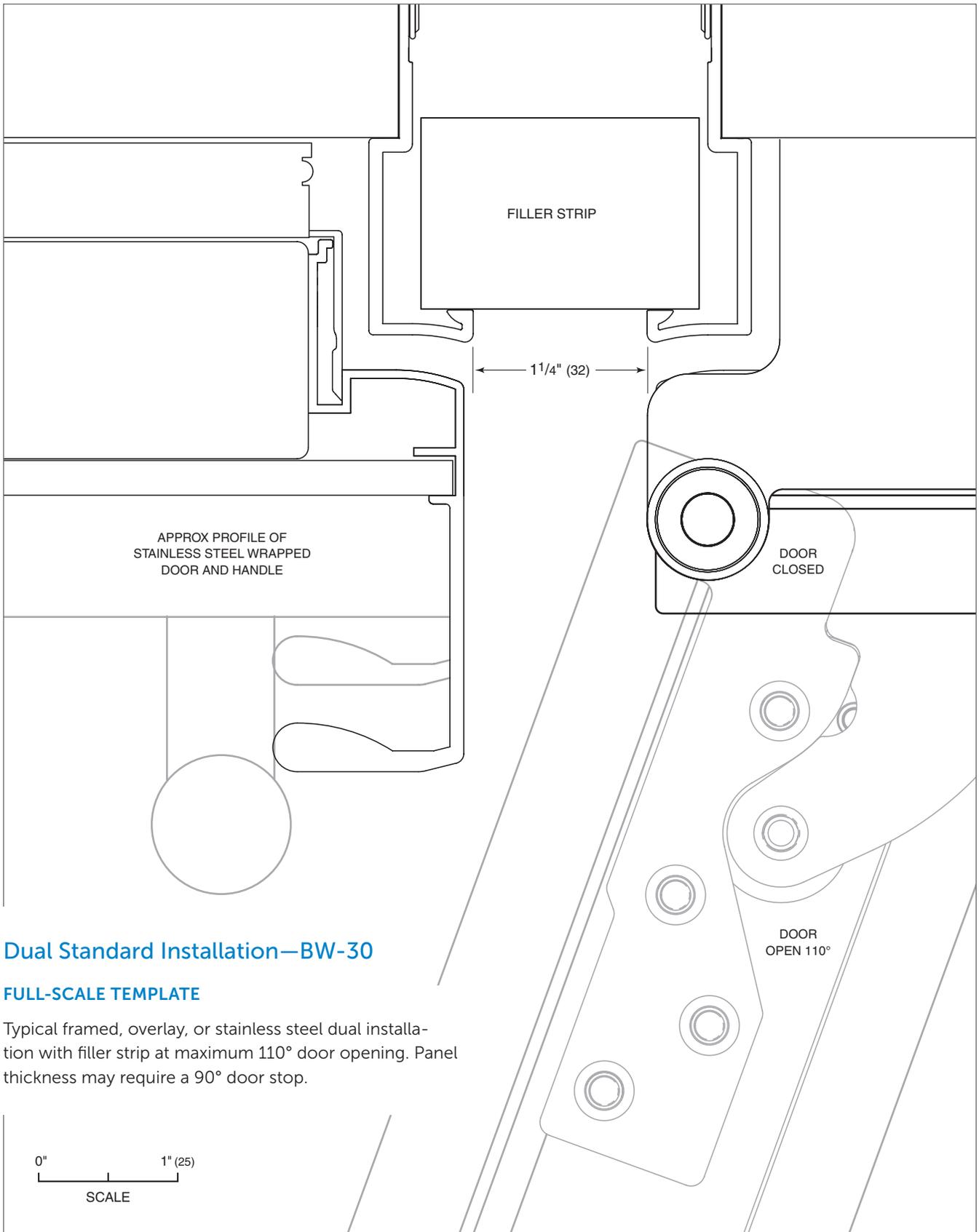
Flush Inset Application—BW-30

FULL-SCALE TEMPLATE

For panels thicker than 3/4" (19), a 90° door stop may be required to prevent interference with adjacent cabinets.



110° door opening (top view)

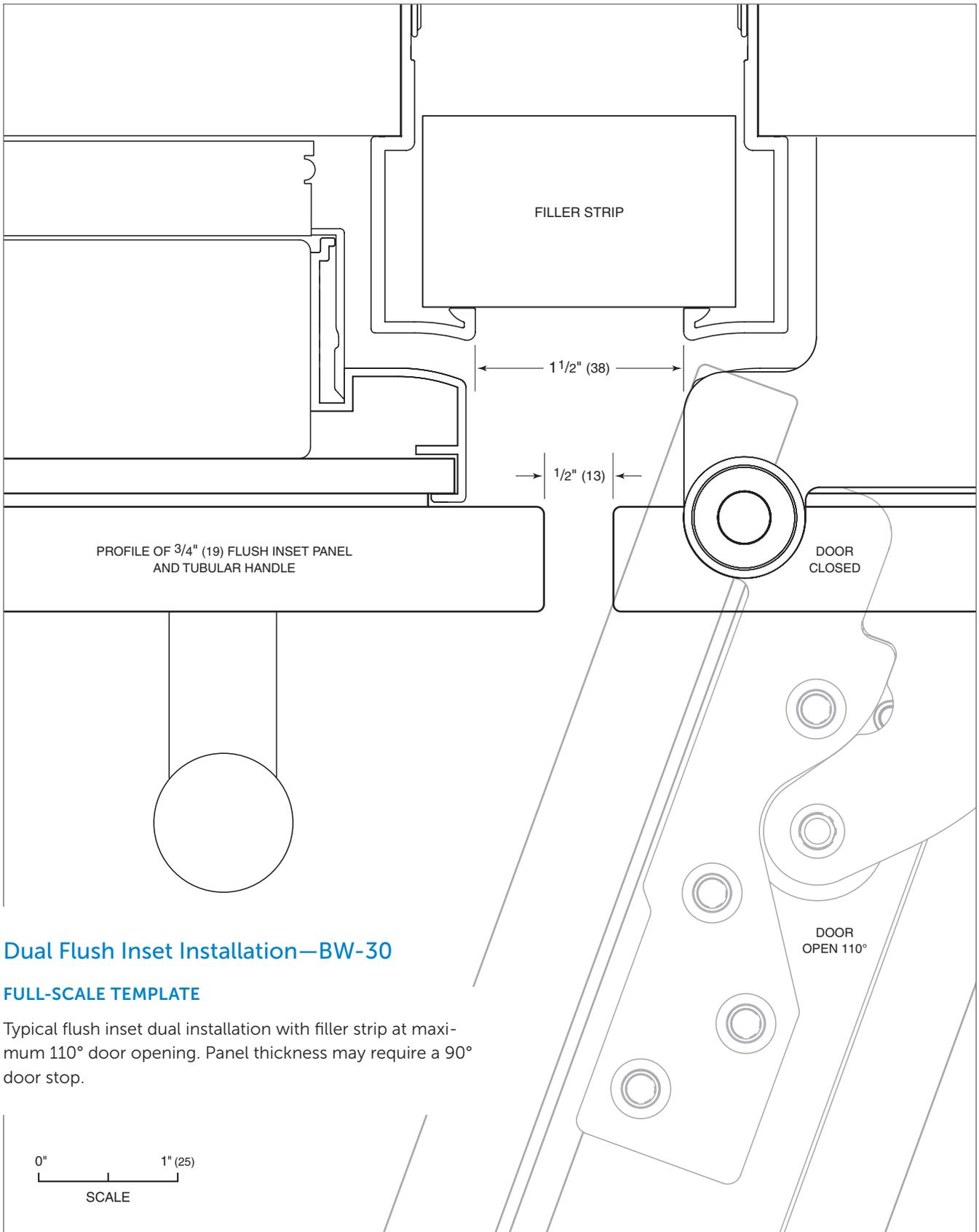


Dual Standard Installation—BW-30

FULL-SCALE TEMPLATE

Typical framed, overlay, or stainless steel dual installation with filler strip at maximum 110° door opening. Panel thickness may require a 90° door stop.

Dual standard installation (top view)



Dual Flush Inset Installation—BW-30

FULL-SCALE TEMPLATE

Typical flush inset dual installation with filler strip at maximum 110° door opening. Panel thickness may require a 90° door stop.

Dual flush inset installation (top view)

Sub-Zero Residential Limited Warranty

FOR RESIDENTIAL USE

FULL TWO YEAR WARRANTY*

For two years from the date of original installation, this Sub-Zero product warranty covers all parts and labor to repair or replace, under normal residential use, any part of the product that proves to be defective in materials or workmanship. All service provided by Sub-Zero under the above warranty must be performed by Sub-Zero Factory Certified Service, unless otherwise specified by Sub-Zero, Inc. Service will be provided during normal business hours.

FULL FIVE YEAR SEALED SYSTEM WARRANTY

For five years from the date of original installation, this Sub-Zero product warranty covers all parts and labor to repair or replace, under normal residential use, these parts that prove to be defective in materials or workmanship: compressor, condenser, evaporator, drier and all connecting tubing. All service provided by Sub-Zero under the above warranty must be performed by Sub-Zero Factory Certified Service, unless otherwise specified by Sub-Zero, Inc. Service will be provided during normal business hours.

LIMITED TWELVE YEAR SEALED SYSTEM WARRANTY

For twelve years from the date of original installation, Sub-Zero will repair or replace the following parts that prove to be defective in materials or workmanship: compressor, condenser, evaporator, drier and all connecting tubing. If the owner uses Sub-Zero Factory Certified Service, the service provider will repair or replace these parts with the owner paying for all other costs, including labor. If the owner uses non-certified service, the owner must contact Sub-Zero, Inc. (using the information below) to receive repaired or replacement parts. Sub-Zero will not reimburse the owner for parts purchased from non-certified service or other sources.

TERMS APPLICABLE TO EACH WARRANTY

The warranty applies only to products installed for normal residential use. 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.

THE REMEDIES DESCRIBED ABOVE FOR EACH WARRANTY ARE THE ONLY ONES THAT SUB-ZERO, INC. WILL PROVIDE, EITHER UNDER THIS WARRANTY OR UNDER ANY WARRANTY ARISING BY OPERATION OF LAW. SUB-ZERO, INC. WILL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM THE BREACH OF THIS WARRANTY OR ANY OTHER WARRANTY, 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 that vary from state to state.

To receive parts and/or service and the name of Sub-Zero Factory Certified Service nearest you, contact Sub-Zero, Inc., P.O. Box 44848, Madison, WI 53744; check the Product Support section of our website, subzero.com, email us at customerservice@subzero.com, or call 800-222-7820.

*Stainless steel (doors, panels, handles, product frames and interior surfaces) are covered by a limited 60-day parts and labor warranty for cosmetic defects.

*Replacement water filters and air purification cartridges are not covered by the product warranty.





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