



Design Guide

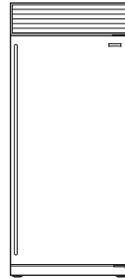
REVISED 11/2021



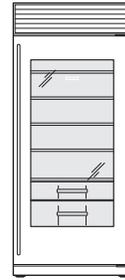
Classic Refrigeration

For Classic refrigeration, Sub-Zero designers and engineers took a fresh look at everything, inside and out. Exterior refinements include redesigned grilles and lower-profile hinges. Inside, new technology in food preservation makes Classic refrigeration nothing short of revolutionary.

CLASSIC MODELS



BI-36R



BI-36RG



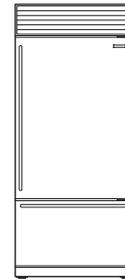
BI-36F



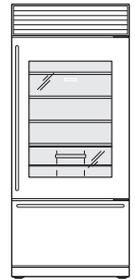
BI-30U



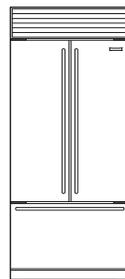
BI-30UG



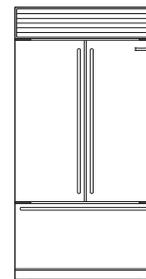
BI-36U(ID)



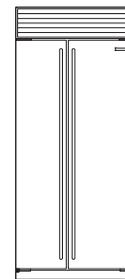
BI-36UG



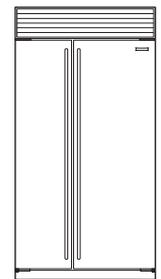
BI-36UFD(ID)



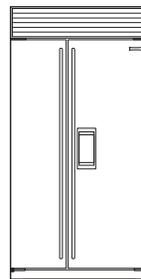
BI-42UFD(ID)



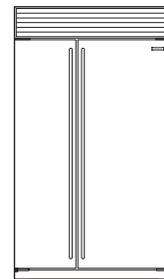
BI-36S



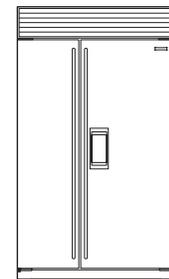
BI-42S(ID)



BI-42SD



BI-48S(ID)



BI-48SD

Classic Design Options

FRAMED

Choose framed custom door panels that contrast with the stainless steel full-length handles and louvered grille (shown). The framed application is an overlay model with framed design features. Panel, grille, and handle options are available.

Panels: Custom panels, stainless steel, or white enamel.

Grille: Classic louvered grille insert or solid custom panel for 84" (standard), 83", or 88" overall unit height. Dual wide grille for dual installations.

Handles: Full-length standard or extended handles.

OVERLAY

Custom overlay door panels can be combined with unique handle hardware for design flexibility. Shown with the pro handle option to complement Wolf ranges. Customize with panel, grille, and handle options.

Panels: Custom panels or stainless steel.

Grille: Solid custom panel or pro louvered grille for 84" (standard), 83", or 88" overall unit height. Dual wide grille for dual installations.

Handles: Custom, tubular, or pro handles.



Framed



Overlay

Classic Design Options

FLUSH INSET

The flush inset design option allows for flush door and grille panels and custom handle hardware. Shown with the tubular handle option to match Wolf built-in ovens. The flush inset application is an overlay model with flush inset panels. Customize with panel, grille, and handle options.

Panels: Custom panels or stainless steel.

Grille: Solid custom panel or pro louvered grille for 84" (standard), 83", or 88" overall unit height. Dual wide grille for dual installations.

Handles: Custom, tubular, or pro handles.

STAINLESS STEEL

Stainless steel models require no customization. To complement the look of Wolf ranges, choose the pro handle option (shown). Grille and handle options are available.

Grille: Pro louvered grille for 84" (standard), 83", or 88" overall unit height. Dual wide grille for dual installations.

Handles: Tubular or pro handles.



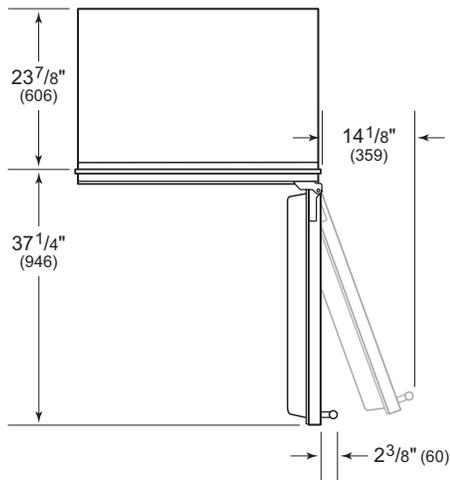
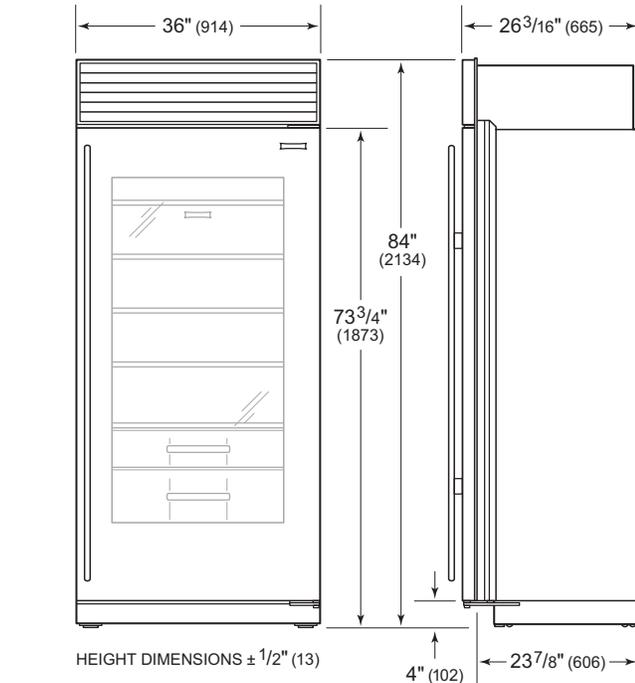
Flush inset



Stainless steel

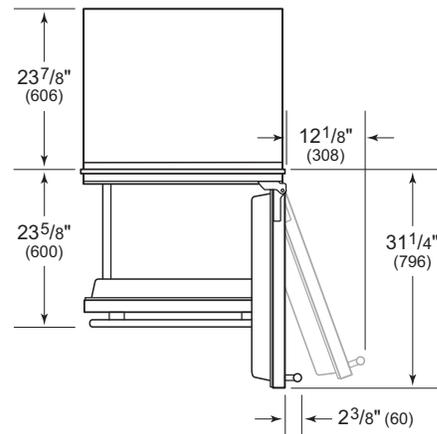
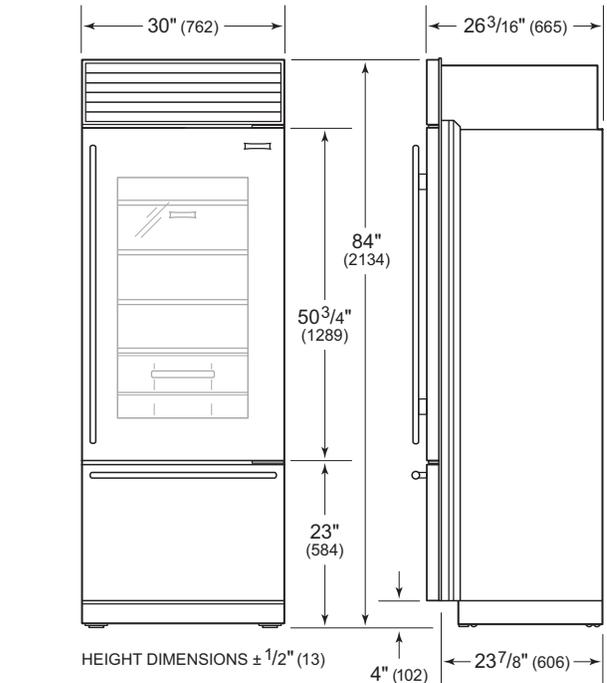
Overall Dimensions

ALL REFRIGERATOR / ALL FREEZER



Model BI-36R, BI-36RG, BI-36F

OVER-AND-UNDER

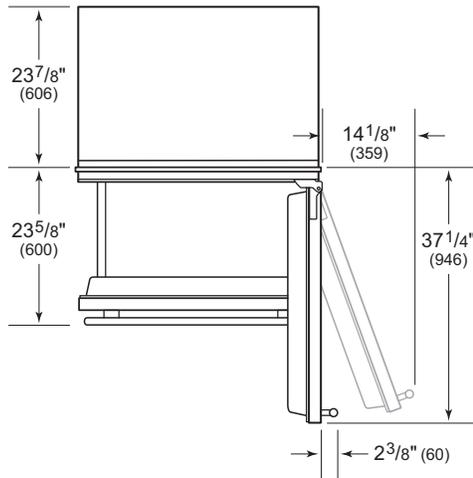
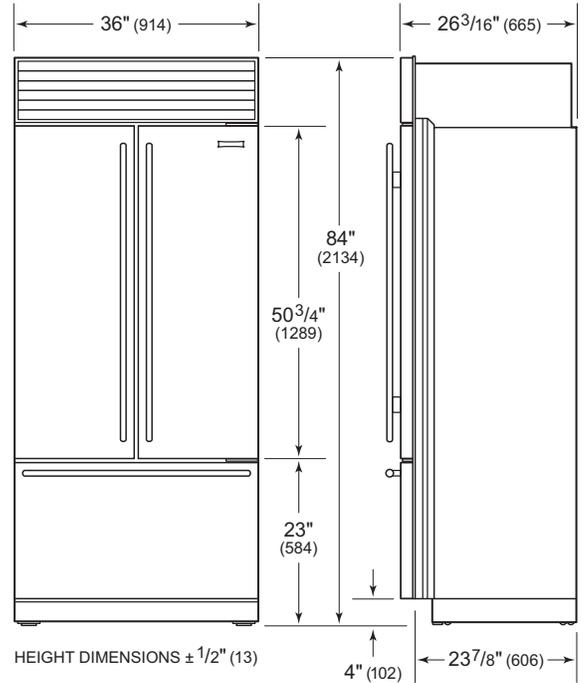
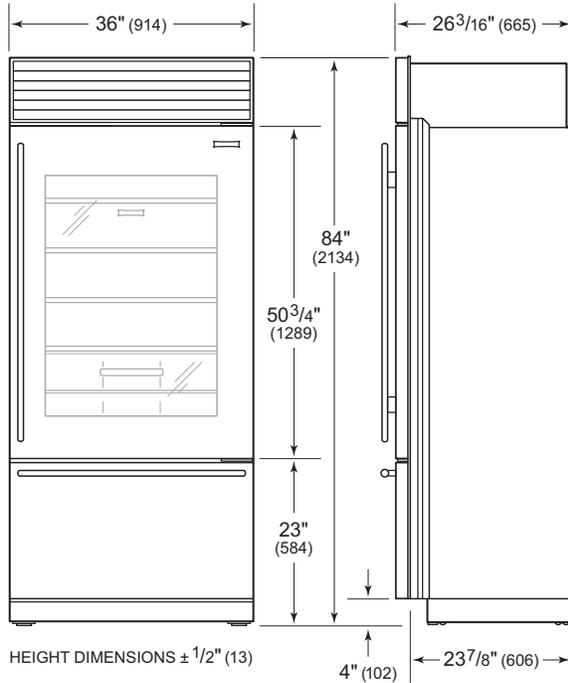


Model BI-30U, BI-30UG

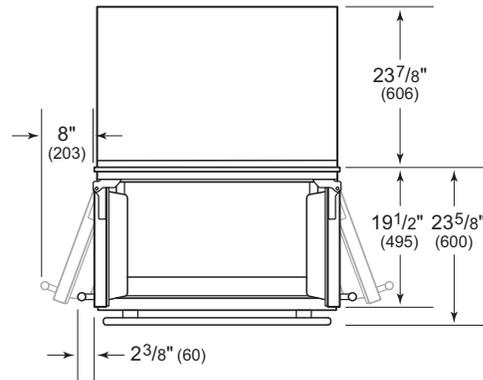
IMPORTANT NOTE: Overall dimensions are based on stainless steel models. For flush inset applications, add 1/2" (13) to door clearance dimensions.

Overall Dimensions

OVER-AND-UNDER



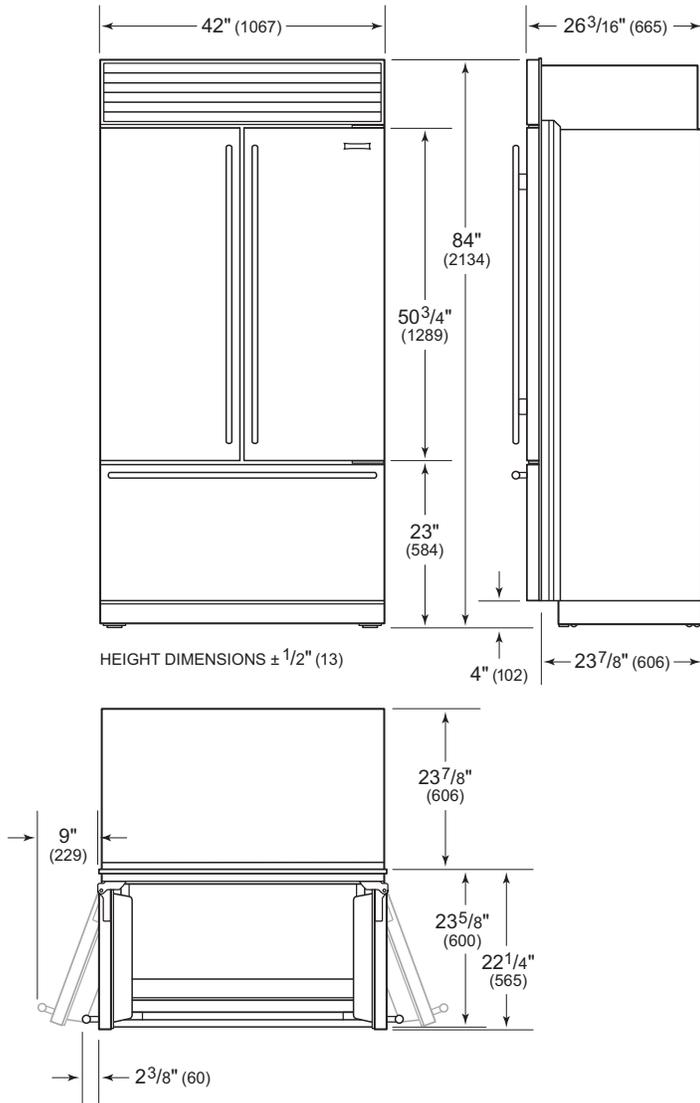
Model BI-36U(ID), BI-36UG



Model BI-36UFD(ID)

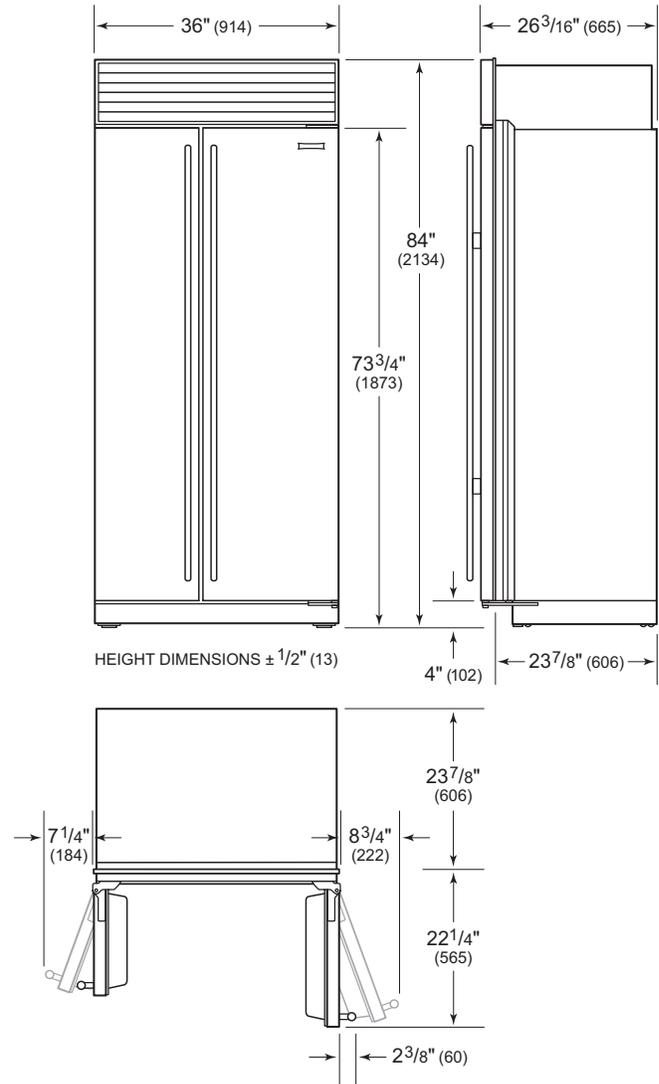
Overall Dimensions

OVER-AND-UNDER



Model BI-42UFD(ID)

SIDE-BY-SIDE

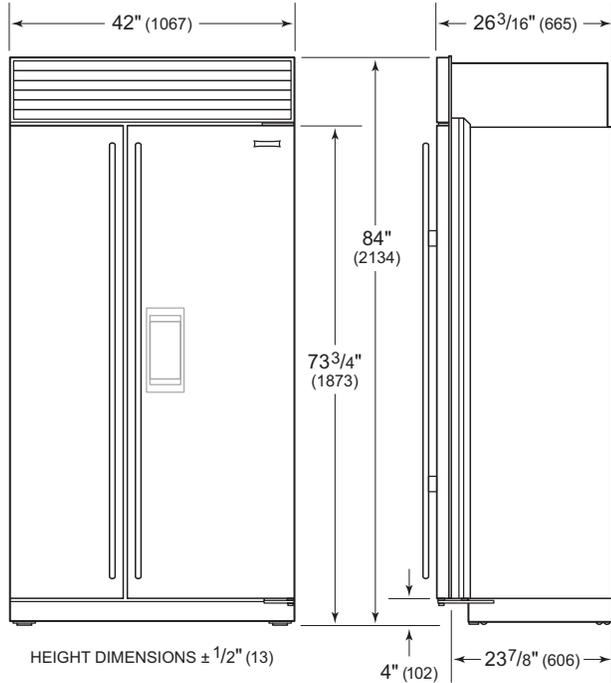


Model BI-36S

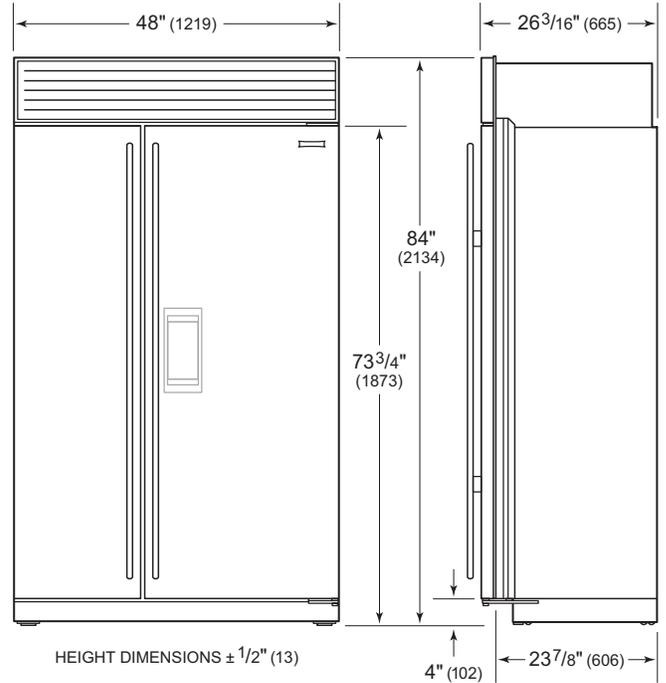
IMPORTANT NOTE: Overall dimensions are based on stainless steel models. For flush inset applications, add 1/2" (13) to door clearance dimensions.

Overall Dimensions

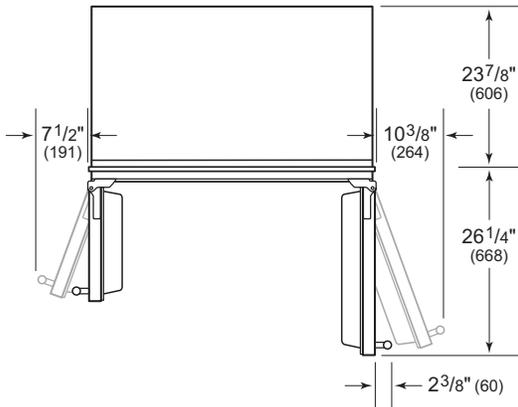
SIDE-BY-SIDE



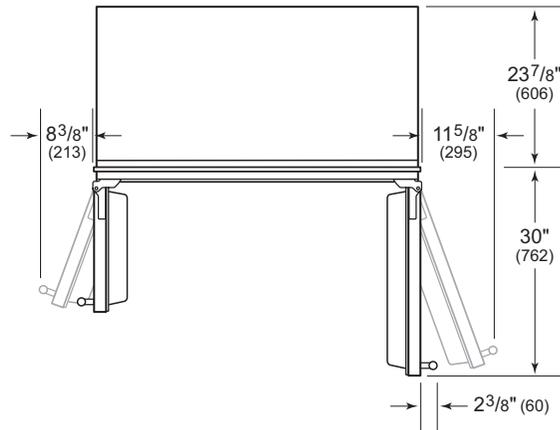
HEIGHT DIMENSIONS ± 1/2" (13)



HEIGHT DIMENSIONS ± 1/2" (13)



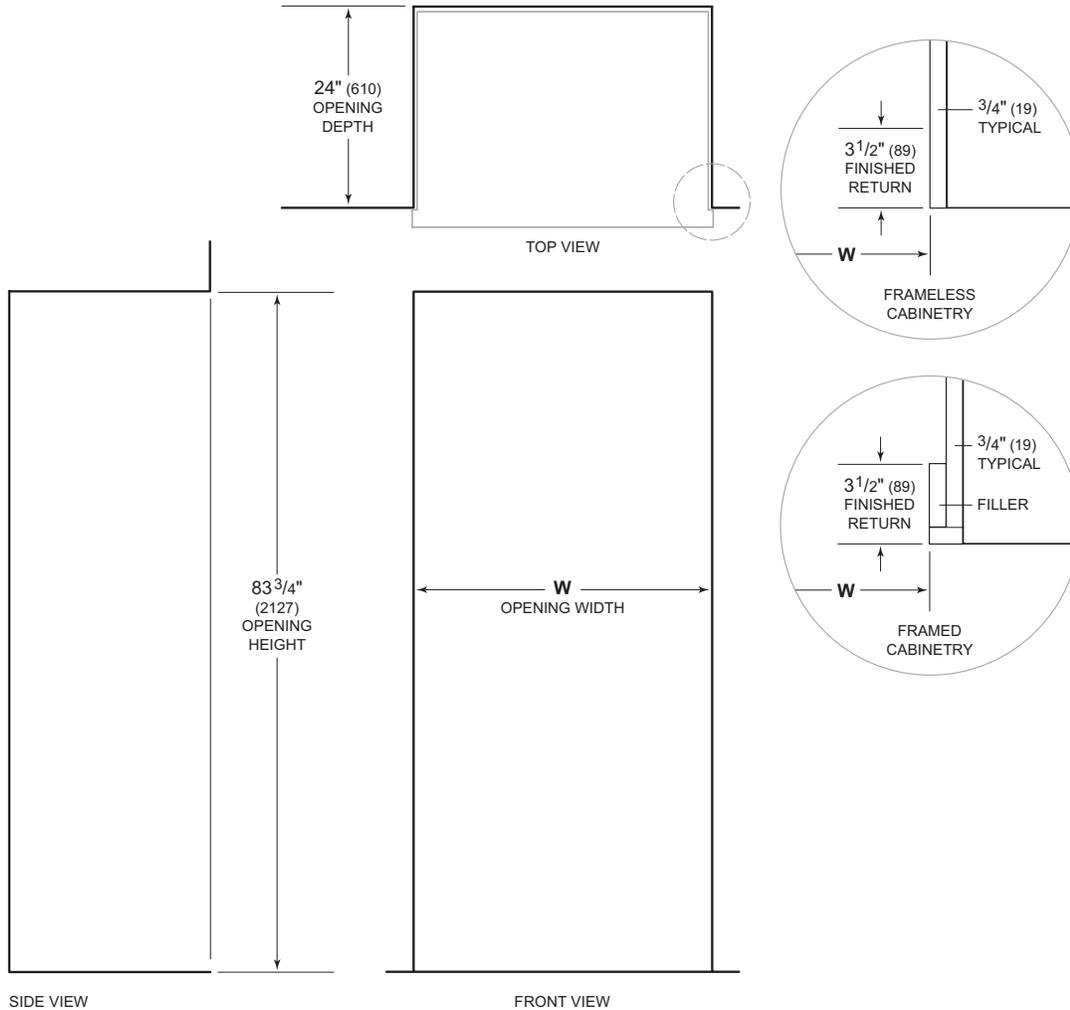
Model BI-42S(ID), BI-42SD



Model BI-48S(ID), BI-48SD

Opening Dimensions

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

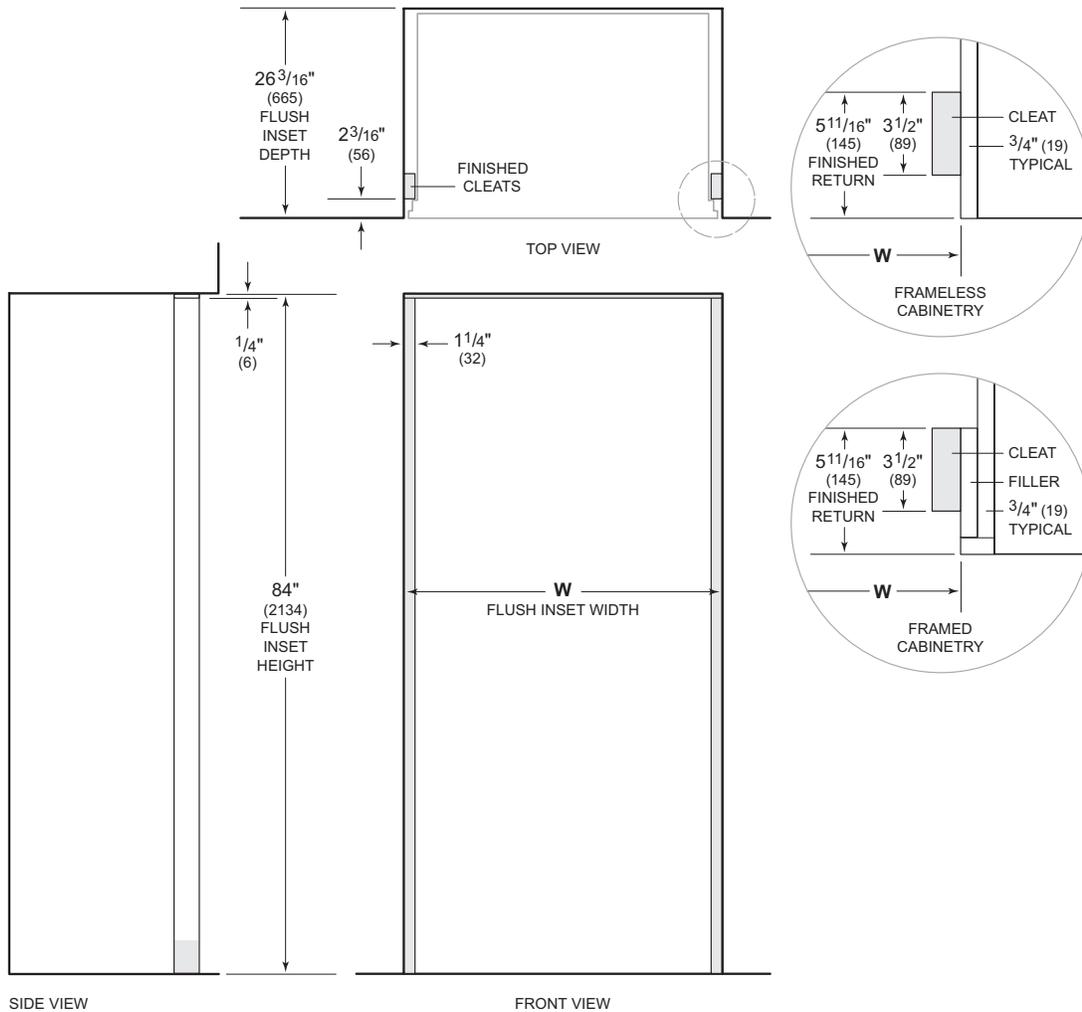
30" Model	29 1/2" (749)
36" Model	35 1/2" (902)
42" Model	41 1/2" (1054)
48" Model	47 1/2" (1206)

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 12 for dual standard installations.

Opening Dimensions

FLUSH INSET INSTALLATION



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

FLUSH INSET WIDTH

W

30" Model	32" (813)
36" Model	38" (965)
42" Model	44" (1118)
48" Model	50" (1270)

Flush inset is available for overlay models only.

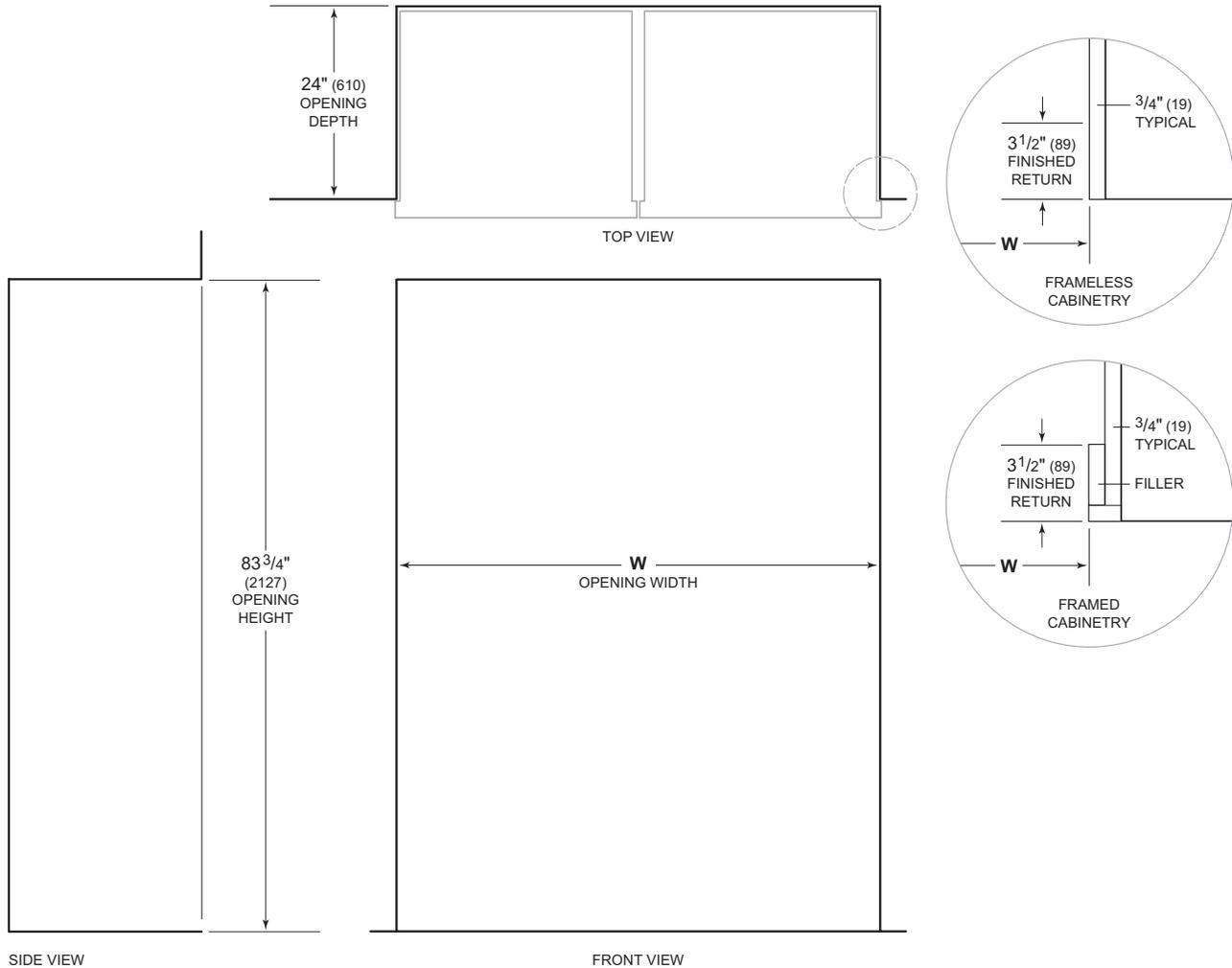
Dimensions assume a $\frac{3}{4}$ " (19) panel thickness.

If an 83" (2108) grille height is specified, the flush inset height must be decreased by $\frac{7}{8}$ " (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 13 for dual flush inset installations.

Opening Dimensions

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

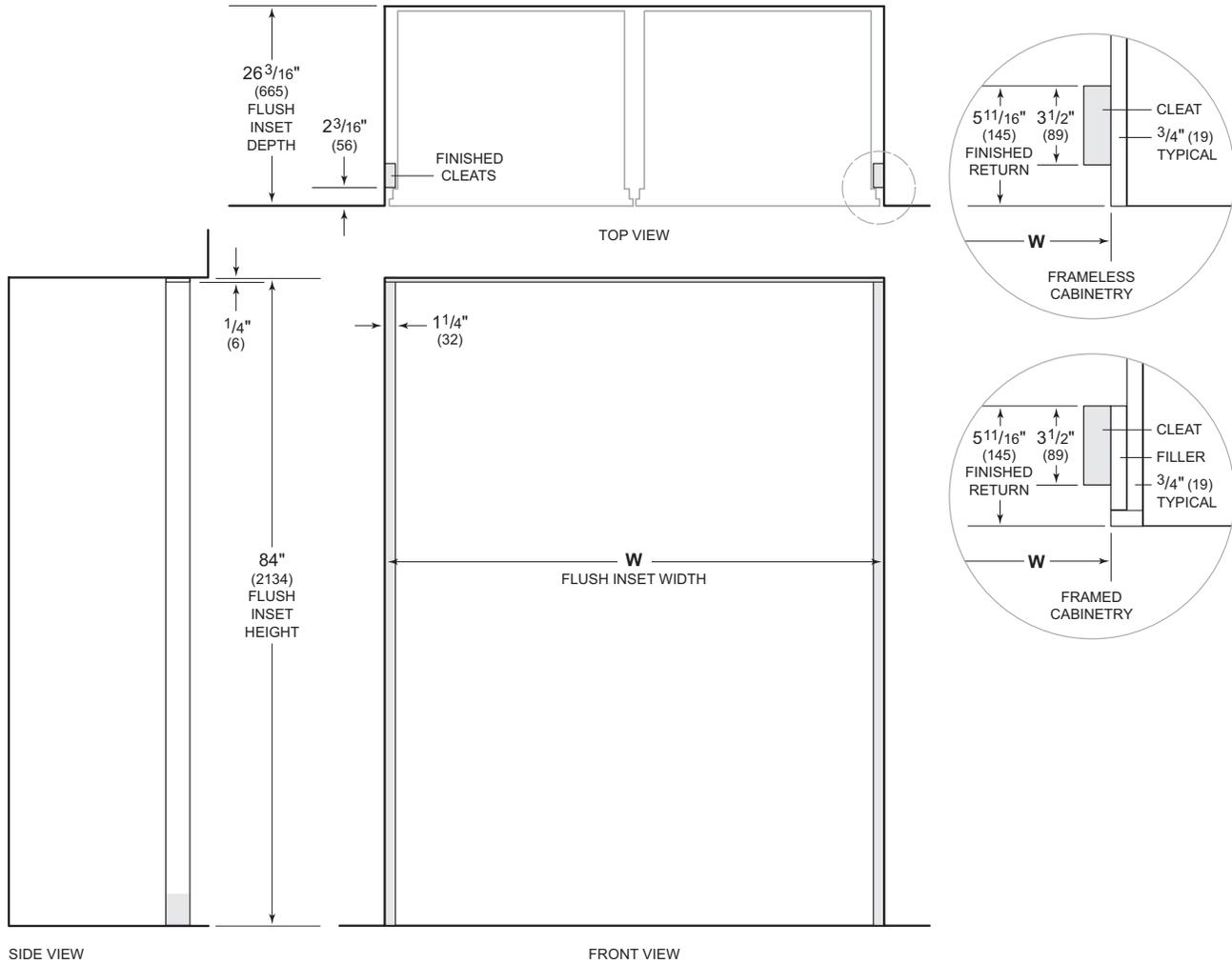
W

Two 30" Models	59 3/4" (1518)
30" and 36" Models	65 3/4" (1670)
Two 36" Models	71 3/4" (1822)

A dual installation kit is required for this installation.

Opening Dimensions

DUAL FLUSH INSET INSTALLATION



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

DUAL FLUSH INSET WIDTH

W

Two 30" Models	$62\frac{1}{4}$ " (1581)
30" and 36" Models	$68\frac{1}{4}$ " (1734)
Two 36" Models	$74\frac{1}{4}$ " (1886)

Flush inset is available for overlay models only.

Dimensions assume a $\frac{3}{4}$ " (19) panel thickness. A dual installation kit is required for this installation.

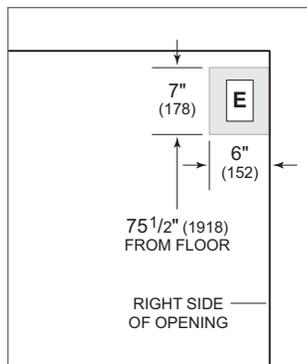
Electrical Requirements

The electrical supply should be located within the shaded area shown in the illustration below. A separate circuit servicing only this appliance is required. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation.

Installation must comply with all applicable electrical codes.

ELECTRICAL REQUIREMENTS

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



Electrical supply location

Plumbing Requirements

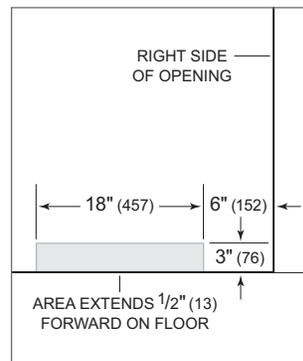
Locate the water supply line within the shaded area shown in the illustration below. Connect the water supply line to the house supply with an easily accessible shut-off valve. Do not use self-piercing valves. The water supply line must not interfere with the installation of the anti-tip brackets.

A reverse osmosis system can be used provided there is constant water pressure of 35–120 psi (2.4–8.3 bar) supplied to the unit at all times. A copper line is not recommended for this application.

Installation must comply with all applicable plumbing codes.

PLUMBING REQUIREMENTS

Water Supply	1/4" OD copper, braided stainless steel, or PEX tubing
Pressure	35–120 psi (2.4–8.3 bar)
Excess Line for Connection	36" (914)



Water supply location

Custom Panels

For all models excluding stainless steel, door panels and handles must be provided. Refer to Panel Requirements below and the charts on pages 18–23 for custom panel dimensions for your specific design application.

IMPORTANT NOTE: Do not cover a glass door with a solid panel.

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

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
BI-36R, BI-36RG, BI-36F	75 lb (34 kg)
All Other Models	50 lb (23 kg)
Grille Panel	13 lb (6 kg)

PANEL THICKNESS	MIN
Framed	1/4" (6)
Overlay and Flush Inset	5/8" (16)

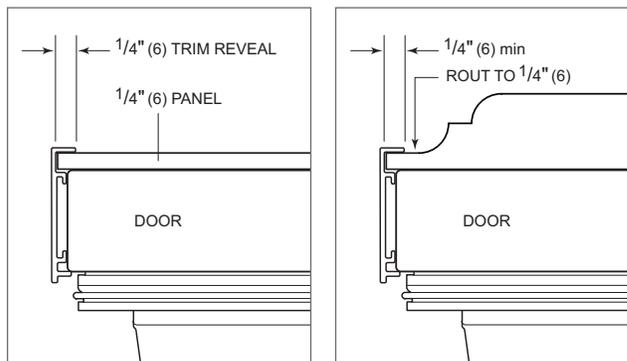
FRAMED PANELS

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. Refer to the illustrations below.

Routing, recessing, or optional extended handles may be required for finger clearance. Refer to the full-scale template on page 30.

When installing two units side by side, refer to page 12 for dual standard installations.



Panel 1/4" thick or less

Panel thicker than 1/4"

Custom Panels

PARTIAL FRAMED OPTION

The partial framed kit includes a stainless steel panel for above and below the external dispenser. Refer to the chart below for panel width. The kit is available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

PARTIAL FRAMED PANEL

W

BI-42SD	15 ¹ / ₁₆ " (383)
BI-48SD	18 ³ / ₄ " (476)

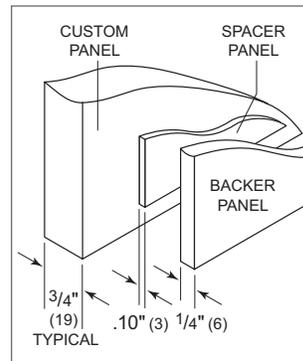
PANEL MOUNTING KIT

The Sub-Zero custom panel mounting kit eliminates the need for the backer and spacer panels and is available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com. The kit consists of mounting cleats, screws, and gages used to properly position the cleats. The kit is available for all Classic models except glass door models. Dual installations require two mounting kits.

OVERLAY PANELS

Overlay panels are typically created by combining a ³/₄" (19) custom panel, a .10" (3) spacer panel, and a ¹/₄" (6) backer panel. Refer to the illustration below.

When installing two units side by side, refer to page 12 for dual standard installations.



Panel assembly (rear view)

Custom Panels

FLUSH INSET PANELS

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

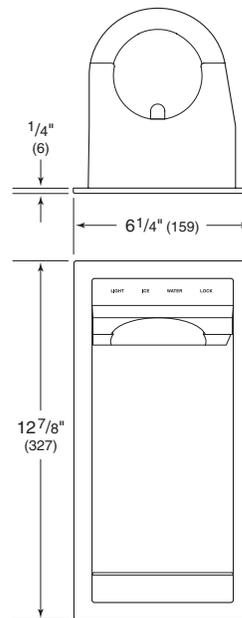
The flush inset design allows custom panels to be installed flush with adjacent cabinets. Similar to overlay, flush inset panels are typically created by combining a $\frac{3}{4}$ " (19) custom panel, a .10" (3) spacer panel, and a $\frac{1}{4}$ " (6) backer panel. Refer to the illustrations for overlay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

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 templates at the end of this guide.

When installing two units side by side, refer to page 13 for dual flush inset installations.

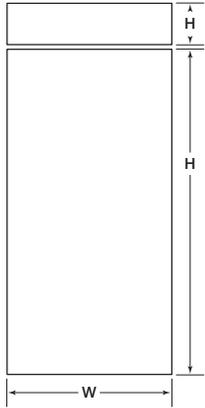
ICE AND WATER DISPENSER

For models BI-42SD and BI-48SD, the refrigerator door panel must include a cutout to accommodate the external dispenser. The bezel will accommodate a $\frac{1}{4}$ " (6) thick panel for framed applications and a $\frac{3}{4}$ " (19) thick panel for overlay and flush inset applications. Panels thicker than $\frac{3}{4}$ " (19) must be routed to $\frac{3}{4}$ " (22) in the dispenser area ($1\frac{1}{8}$ " (29) including the backer and spacer panels).

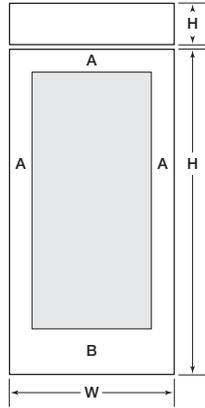


Dispenser dimensions

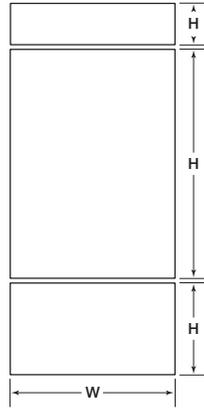
Framed Panel Dimensions



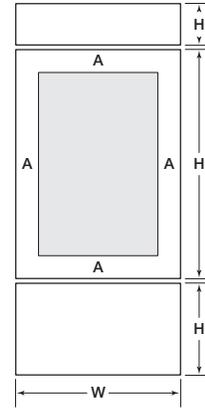
BI-36R, BI-36F



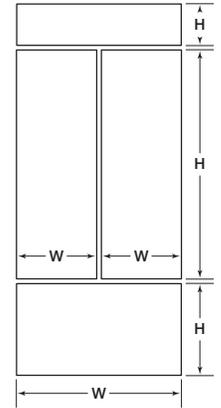
BI-36RG



BI-30U, BI-36U(ID)



BI-30UG, BI-36UG



BI-36UFD(ID),
BI-42UFD(ID)

MODEL BI-36R, BI-36RG, BI-36F

REFRIGERATOR / FREEZER	W	H
Door Panel	35 3/4" (908)	69 9/16" (1767)
GRILLE (OPTIONAL)	W	H
Grille Panel	35 3/4" (908)	8 15/16" (227)
BI-36RG	A	B
Stiles / Rails	5 3/16" (132)	10 5/16" (262)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	H
Door Panel	29 3/4" (756)	49 15/16" (1268)
FREEZER	W	H
Drawer Panel	29 3/4" (756)	18 11/16" (475)
GRILLE (OPTIONAL)	W	H
Grille Panel	29 3/4" (756)	8 15/16" (227)
BI-30UG	A	
Stiles / Rails	5 3/16" (132)	

MODEL BI-36U(ID), BI-36UG

REFRIGERATOR	W	H
Door Panel	35 3/4" (908)	49 15/16" (1268)
FREEZER	W	H
Drawer Panel	35 3/4" (908)	18 11/16" (475)
GRILLE (OPTIONAL)	W	H
Grille Panel	35 3/4" (908)	8 15/16" (227)
BI-36UG	A	
Stiles / Rails	5 3/16" (132)	

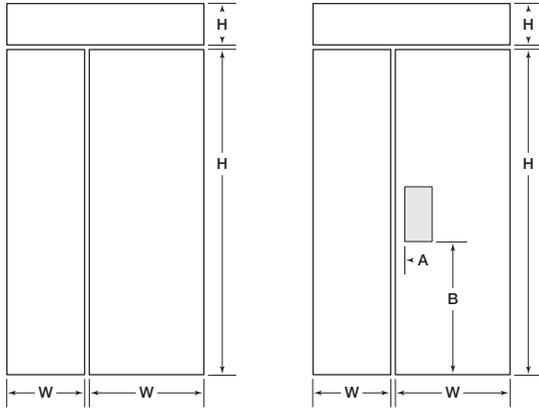
MODEL BI-36UFD(ID)

REFRIGERATOR (2 PANELS)	W	H
Door Panel	17 5/8" (448)	49 15/16" (1268)
FREEZER	W	H
Drawer Panel	35 3/4" (908)	18 11/16" (475)
GRILLE (OPTIONAL)	W	H
Grille Panel	35 3/4" (908)	8 15/16" (227)

MODEL BI-42UFD(ID)

REFRIGERATOR (2 PANELS)	W	H
Door Panel	20 5/8" (524)	49 15/16" (1268)
FREEZER	W	H
Drawer Panel	41 3/4" (1060)	18 11/16" (475)
GRILLE (OPTIONAL)	W	H
Grille Panel	41 3/4" (1060)	8 15/16" (227)

Framed Panel Dimensions



BI-36S, BI-42S(ID),
BI-48S(ID)

BI-42SD, BI-48SD

MODEL BI-36S

REFRIGERATOR	W	H
Door Panel	19 ¹³ / ₁₆ " (503)	69 ⁹ / ₁₆ " (1767)
FREEZER	W	H
Door Panel	15 ⁷ / ₁₆ " (392)	69 ⁹ / ₁₆ " (1767)
GRILLE (OPTIONAL)	W	H
Grille Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

MODEL BI-42S, BI-42SID, BI-42SD

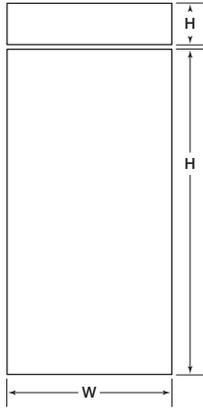
REFRIGERATOR	W	H
Door Panel	24 ¹³ / ₁₆ " (630)	69 ⁹ / ₁₆ " (1767)
FREEZER	W	H
Door Panel	16 ⁷ / ₁₆ " (418)	69 ⁹ / ₁₆ " (1767)
GRILLE (OPTIONAL)	W	H
Grille Panel	41 ³ / ₄ " (1060)	8 ¹⁵ / ₁₆ " (227)
BI-42SD	W	H
Dispenser Cutout*	5 ⁷ / ₈ " (149)	12 ⁷ / ₁₆ " (316)
Cutout Location	A 1 ⁷ / ₈ " (48)	B 28 ³ / ₄ " (730)

MODEL BI-48S, BI-48SID, BI-48SD

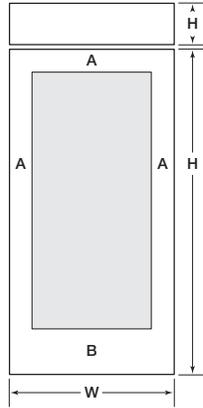
REFRIGERATOR	W	H
Door Panel	28 ¹ / ₂ " (724)	69 ⁹ / ₁₆ " (1767)
FREEZER	W	H
Door Panel	18 ³ / ₄ " (476)	69 ⁹ / ₁₆ " (1767)
GRILLE (OPTIONAL)	W	H
Grille Panel	47 ³ / ₄ " (1213)	8 ¹⁵ / ₁₆ " (227)
BI-48SD	W	H
Dispenser Cutout*	5 ⁷ / ₈ " (149)	12 ⁷ / ₁₆ " (316)
Cutout Location	A 1 ⁷ / ₈ " (48)	B 28 ³ / ₄ " (730)

*For models BI-42SD and BI-48SD, panel thickness in dispenser area can range from ¹/₄" (6) to ¹/₂" (29) max. If panel is thicker, rout out ¹/₄" (6) min flat landing area to accommodate dispenser.

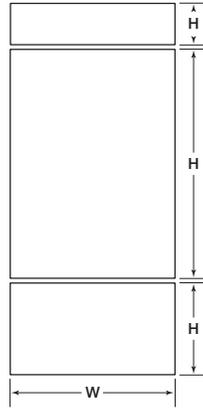
Overlay Panel Dimensions



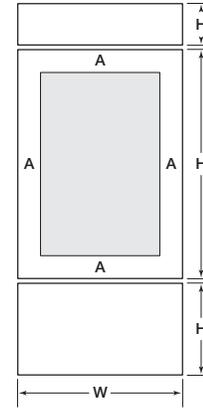
BI-36R, BI-36F



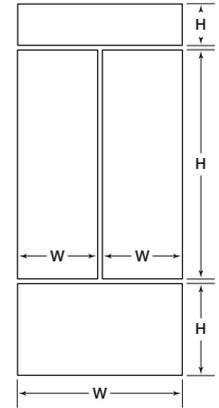
BI-36RG



BI-30U, BI-36U(ID)



BI-30UG, BI-36UG



BI-36UFD(ID),
BI-42UFD(ID)

MODEL BI-36R, BI-36RG, BI-36F

REFRIGERATOR / FREEZER	W	H
Overlay Panel	36" (914)	69 ³ / ₄ " (1772)
Spacer Panel	35 ¹ / ₈ " (892)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	35 ³ / ₄ " (908)	69 ⁹ / ₁₆ " (1767)

GRILLE	W	H
Overlay Panel	36" (914)	9 ¹ / ₄ " (235)*
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

BI-36RG	A	B
Stiles / Rails	5 ¹ / ₄ " (133)	10 ³ / ₈ " (264)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	H
Overlay Panel	30" (762)	50 ¹ / ₈ " (1273)
Spacer Panel	29 ¹ / ₈ " (740)	49 ⁵ / ₁₆ " (1253)
Backer Panel	29 ³ / ₄ " (756)	49 ¹⁵ / ₁₆ " (1268)

FREEZER	W	H
Overlay Panel	30" (762)	19" (483)
Spacer Panel	29 ¹ / ₈ " (740)	18 ¹ / ₁₆ " (459)
Backer Panel	29 ³ / ₄ " (756)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Overlay Panel	30" (762)	9 ¹ / ₄ " (235)*
Spacer Panel	29 ¹ / ₈ " (740)	8 ⁵ / ₁₆ " (211)
Backer Panel	29 ³ / ₄ " (756)	8 ¹⁵ / ₁₆ " (227)

BI-30UG	A
Stiles / Rails	5 ¹ / ₄ " (133)

MODEL BI-36U(ID), BI-36UG

REFRIGERATOR	W	H
Overlay Panel	36" (914)	50 ¹ / ₈ " (1273)
Spacer Panel	35 ¹ / ₈ " (892)	49 ⁵ / ₁₆ " (1253)
Backer Panel	35 ³ / ₄ " (908)	49 ¹⁵ / ₁₆ " (1268)

FREEZER	W	H
Overlay Panel	36" (914)	19" (483)
Spacer Panel	35 ¹ / ₈ " (892)	18 ¹ / ₁₆ " (459)
Backer Panel	35 ³ / ₄ " (908)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Overlay Panel	36" (914)	9 ¹ / ₄ " (235)*
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

BI-36UG	A
Stiles / Rails	5 ¹ / ₄ " (133)

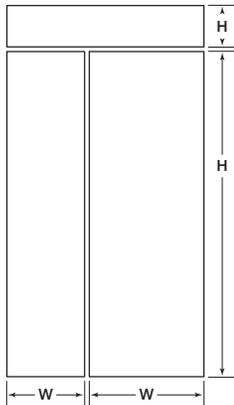
MODEL BI-36UFD(ID)

REFRIGERATOR (2 PANELS)	W	H
Overlay Panel	17 ⁷ / ₈ " (454)	50 ¹ / ₈ " (1273)
Spacer Panel	17" (432)	49 ⁵ / ₁₆ " (1253)
Backer Panel	17 ⁵ / ₈ " (448)	49 ¹⁵ / ₁₆ " (1268)

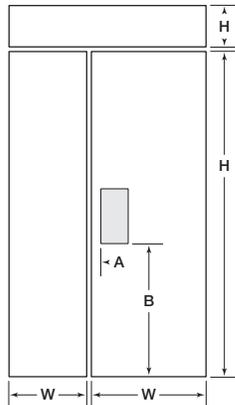
FREEZER	W	H
Overlay Panel	36" (914)	19" (483)
Spacer Panel	35 ¹ / ₈ " (892)	18 ¹ / ₁₆ " (459)
Backer Panel	35 ³ / ₄ " (908)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Overlay Panel	36" (914)	9 ¹ / ₄ " (235)*
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

Overlay Panel Dimensions



BI-36S, BI-42S(ID),
BI-48S(ID)



BI-42SD, BI-48SD

MODEL BI-42UFD(ID)

	W	H
REFRIGERATOR (2 PANELS)		
Overlay Panel	20 ⁷ / ₈ " (530)	50 ¹ / ₈ " (1273)
Spacer Panel	20" (508)	49 ⁵ / ₁₆ " (1253)
Backer Panel	20 ⁵ / ₈ " (524)	49 ¹⁵ / ₁₆ " (1268)
FREEZER		
Overlay Panel	42" (1067)	19" (483)
Spacer Panel	41 ¹ / ₈ " (1045)	18 ¹ / ₁₆ " (459)
Backer Panel	41 ³ / ₄ " (1060)	18 ¹¹ / ₁₆ " (475)
GRILLE		
Overlay Panel	42" (1067)	9 ¹ / ₄ " (235)*
Spacer Panel	41 ¹ / ₈ " (1045)	8 ⁵ / ₁₆ " (211)
Backer Panel	41 ³ / ₄ " (1060)	8 ¹⁵ / ₁₆ " (227)

MODEL BI-36S

	W	H
REFRIGERATOR		
Overlay Panel	20 ¹ / ₁₆ " (510)	69 ³ / ₄ " (1772)
Spacer Panel	19 ³ / ₁₆ " (487)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	19 ¹³ / ₁₆ " (503)	69 ⁹ / ₁₆ " (1767)
FREEZER		
Overlay Panel	15 ¹¹ / ₁₆ " (398)	69 ³ / ₄ " (1772)
Spacer Panel	14 ¹³ / ₁₆ " (376)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	15 ⁷ / ₁₆ " (392)	69 ⁹ / ₁₆ " (1767)
GRILLE		
Overlay Panel	36" (914)	9 ¹ / ₄ " (235)*
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

MODEL BI-42S, BI-42SID, BI-42SD

	W	H
REFRIGERATOR		
Overlay Panel	25 ¹ / ₁₆ " (637)	69 ³ / ₄ " (1772)
Spacer Panel	24 ³ / ₁₆ " (614)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	24 ¹³ / ₁₆ " (630)	69 ⁹ / ₁₆ " (1767)

	W	H
FREEZER		
Overlay Panel	16 ¹¹ / ₁₆ " (424)	69 ³ / ₄ " (1772)
Spacer Panel	15 ¹³ / ₁₆ " (402)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	16 ⁷ / ₁₆ " (418)	69 ⁹ / ₁₆ " (1767)

	W	H
GRILLE		
Overlay Panel	42" (1067)	9 ¹ / ₄ " (235)*
Spacer Panel	41 ¹ / ₈ " (1045)	8 ⁵ / ₁₆ " (211)
Backer Panel	41 ³ / ₄ " (1060)	8 ¹⁵ / ₁₆ " (227)

	W	H
BI-42SD		
Dispenser Cutout	5 ⁷ / ₈ " (149)	12 ⁷ / ₁₆ " (316)
	A	B
Cutout Location	2" (51)	28 ¹³ / ₁₆ " (732)

MODEL BI-48S, BI-48SID, BI-48SD

	W	H
REFRIGERATOR		
Overlay Panel	28 ³ / ₄ " (730)	69 ³ / ₄ " (1772)
Spacer Panel	27 ⁷ / ₈ " (708)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	28 ¹ / ₂ " (724)	69 ⁹ / ₁₆ " (1767)

	W	H
FREEZER		
Overlay Panel	19" (483)	69 ³ / ₄ " (1772)
Spacer Panel	18 ¹ / ₈ " (460)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	18 ³ / ₄ " (476)	69 ⁹ / ₁₆ " (1767)

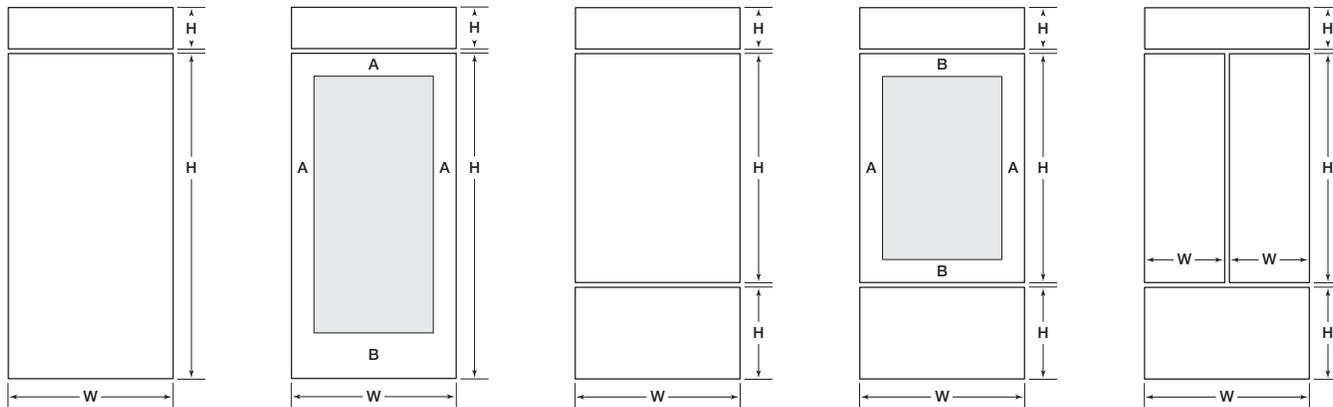
	W	H
GRILLE		
Overlay Panel	48" (1219)	9 ¹ / ₄ " (235)*
Spacer Panel	47 ¹ / ₈ " (1197)	8 ⁵ / ₁₆ " (211)
Backer Panel	47 ³ / ₄ " (1213)	8 ¹⁵ / ₁₆ " (227)

	W	H
BI-48SD		
Dispenser Cutout	5 ⁷ / ₈ " (149)	12 ⁷ / ₁₆ " (316)
	A	B
Cutout Location	2" (51)	28 ¹³ / ₁₆ " (732)

*Panel height may be increased by 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.

Flush Inset Panel Dimensions



BI-36R, BI-36F

BI-36RG

BI-30U, BI-36U(ID)

BI-30UG, BI-36UG

BI-36UFD(ID),
BI-42UFD(ID)

MODEL BI-36R, BI-36RG, BI-36F

REFRIGERATOR / FREEZER	W	H
Flush Inset Panel	37" (940)	69 ³ / ₄ " (1772)
Spacer Panel	35 ¹ / ₈ " (892)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	35 ³ / ₄ " (908)	69 ⁹ / ₁₆ " (1767)

GRILLE	W	H
Flush Inset Panel	37" (940)	9 ¹ / ₄ " (235)
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

BI-36RG	A	B
Stiles / Rails	5 ³ / ₄ " (146)	10 ³ / ₈ " (264)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	H
Flush Inset Panel	31" (787)	50 ¹ / ₈ " (1273)
Spacer Panel	29 ¹ / ₈ " (740)	49 ⁵ / ₁₆ " (1253)
Backer Panel	29 ³ / ₄ " (756)	49 ¹⁵ / ₁₆ " (1268)

FREEZER	W	H
Flush Inset Panel	31" (787)	19" (483)
Spacer Panel	29 ¹ / ₈ " (740)	18 ¹ / ₁₆ " (459)
Backer Panel	29 ³ / ₄ " (756)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Flush Inset Panel	31" (787)	9 ¹ / ₄ " (235)
Spacer Panel	29 ¹ / ₈ " (740)	8 ⁵ / ₁₆ " (211)
Backer Panel	29 ³ / ₄ " (756)	8 ¹⁵ / ₁₆ " (227)

BI-30UG	A	B
Stiles / Rails	5 ³ / ₄ " (146)	5 ¹ / ₄ " (133)

MODEL BI-36U(ID), BI-36UG

REFRIGERATOR	W	H
Flush Inset Panel	37" (940)	50 ¹ / ₈ " (1273)
Spacer Panel	35 ¹ / ₈ " (892)	49 ⁵ / ₁₆ " (1253)
Backer Panel	35 ³ / ₄ " (908)	49 ¹⁵ / ₁₆ " (1268)

FREEZER	W	H
Flush Inset Panel	37" (940)	19" (483)
Spacer Panel	35 ¹ / ₈ " (892)	18 ¹ / ₁₆ " (459)
Backer Panel	35 ³ / ₄ " (908)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Flush Inset Panel	37" (940)	9 ¹ / ₄ " (235)
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

BI-36UG	A	B
Stiles / Rails	5 ³ / ₄ " (146)	5 ¹ / ₄ " (133)

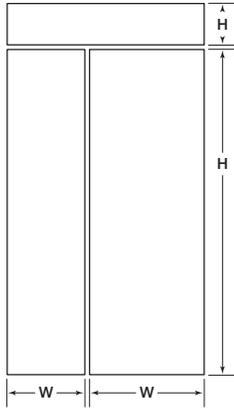
MODEL BI-36UFD(ID)

REFRIGERATOR (2 PANELS)	W	H
Flush Inset Panel	18 ³ / ₈ " (467)	50 ¹ / ₈ " (1273)
Spacer Panel	17" (432)	49 ⁵ / ₁₆ " (1253)
Backer Panel	17 ⁵ / ₈ " (448)	49 ¹⁵ / ₁₆ " (1268)

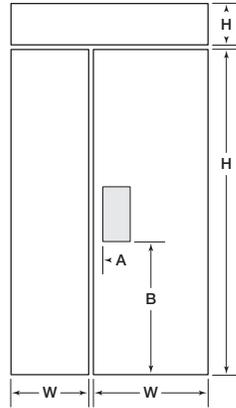
FREEZER	W	H
Flush Inset Panel	37" (940)	19" (483)
Spacer Panel	35 ¹ / ₈ " (892)	18 ¹ / ₁₆ " (459)
Backer Panel	35 ³ / ₄ " (908)	18 ¹¹ / ₁₆ " (475)

GRILLE	W	H
Flush Inset Panel	37" (940)	9 ¹ / ₄ " (235)
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

Flush Inset Panel Dimensions



BI-36S, BI-42S(ID),
BI-48S(ID)



BI-42SD, BI-48SD

MODEL BI-42UFD(ID)

REFRIGERATOR (2 PANELS)	W	H
Flush Inset Panel	21 ³ / ₈ " (543)	50 ¹ / ₈ " (1273)
Spacer Panel	20" (508)	49 ⁵ / ₁₆ " (1253)
Backer Panel	20 ⁵ / ₈ " (524)	49 ¹⁵ / ₁₆ " (1268)
FREEZER	W	H
Flush Inset Panel	43" (1092)	19" (483)
Spacer Panel	41 ¹ / ₈ " (1045)	18 ¹ / ₁₆ " (459)
Backer Panel	41 ³ / ₄ " (1060)	18 ¹¹ / ₁₆ " (475)
GRILLE	W	H
Flush Inset Panel	43" (1092)	9 ¹ / ₄ " (235)
Spacer Panel	41 ¹ / ₈ " (1045)	8 ⁵ / ₁₆ " (211)
Backer Panel	41 ³ / ₄ " (1060)	8 ¹⁵ / ₁₆ " (227)

MODEL BI-36S

REFRIGERATOR	W	H
Flush Inset Panel	20 ⁹ / ₁₆ " (522)	69 ³ / ₄ " (1772)
Spacer Panel	19 ³ / ₁₆ " (487)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	19 ¹³ / ₁₆ " (503)	69 ⁹ / ₁₆ " (1767)
FREEZER	W	H
Flush Inset Panel	16 ³ / ₁₆ " (411)	69 ³ / ₄ " (1772)
Spacer Panel	14 ¹³ / ₁₆ " (376)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	15 ⁷ / ₁₆ " (392)	69 ⁹ / ₁₆ " (1767)
GRILLE	W	H
Flush Inset Panel	37" (940)	9 ¹ / ₄ " (235)
Spacer Panel	35 ¹ / ₈ " (892)	8 ⁵ / ₁₆ " (211)
Backer Panel	35 ³ / ₄ " (908)	8 ¹⁵ / ₁₆ " (227)

MODEL BI-42S, BI-42SID, BI-42SD

REFRIGERATOR	W	H
Flush Inset Panel	25 ⁹ / ₁₆ " (649)	69 ³ / ₄ " (1772)
Spacer Panel	24 ³ / ₁₆ " (614)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	24 ¹³ / ₁₆ " (630)	69 ⁹ / ₁₆ " (1767)

FREEZER	W	H
Flush Inset Panel	17 ³ / ₁₆ " (437)	69 ³ / ₄ " (1772)
Spacer Panel	15 ¹³ / ₁₆ " (402)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	16 ⁷ / ₁₆ " (418)	69 ⁹ / ₁₆ " (1767)

GRILLE	W	H
Flush Inset Panel	43" (1092)	9 ¹ / ₄ " (235)
Spacer Panel	41 ¹ / ₈ " (1045)	8 ⁵ / ₁₆ " (211)
Backer Panel	41 ³ / ₄ " (1060)	8 ¹⁵ / ₁₆ " (227)

BI-42SD	W	H
Dispenser Cutout	5 ⁷ / ₈ " (149)	127 ¹ / ₁₆ " (316)
Cutout Location	A 2" (51)	B 28 ¹³ / ₁₆ " (732)

MODEL BI-48S, BI-48SID, BI-48SD

REFRIGERATOR	W	H
Flush Inset Panel	29 ¹ / ₄ " (743)	69 ³ / ₄ " (1772)
Spacer Panel	27 ⁷ / ₈ " (708)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	28 ¹ / ₂ " (724)	69 ⁹ / ₁₆ " (1767)

FREEZER	W	H
Flush Inset Panel	19 ¹ / ₂ " (495)	69 ³ / ₄ " (1772)
Spacer Panel	18 ¹ / ₈ " (460)	68 ¹⁵ / ₁₆ " (1751)
Backer Panel	18 ³ / ₄ " (476)	69 ⁹ / ₁₆ " (1767)

GRILLE	W	H
Flush Inset Panel	49" (1245)	9 ¹ / ₄ " (235)
Spacer Panel	47 ¹ / ₈ " (1197)	8 ⁵ / ₁₆ " (211)
Backer Panel	47 ³ / ₄ " (1213)	8 ¹⁵ / ₁₆ " (227)

BI-48SD	W	H
Dispenser Cutout	5 ⁷ / ₈ " (149)	127 ¹ / ₁₆ " (316)
Cutout Location	A 2" (51)	B 28 ¹³ / ₁₆ " (732)

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.

Flush Inset Panels

PANEL OFFSET

The illustrations provide panel offsets and reveals for Classic models in a flush inset application. Refer to the chart below for reference to the illustrations.

PANEL OFFSET

ALL REFRIGERATOR / ALL FREEZER

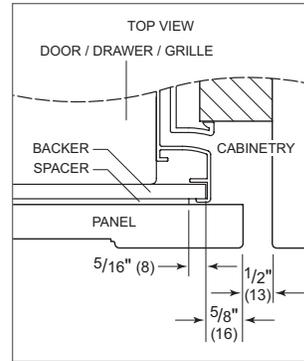
	ILLUS
Door / Grille Sides	A
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom	F

OVER-AND-UNDER

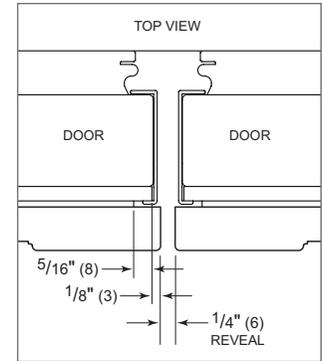
	ILLUS
Door (hinge) / Drawer / Grille Sides	A
Doors (handle) Sides (French door only)	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom / Drawer Top	E
Drawer Bottom	F

SIDE-BY-SIDE

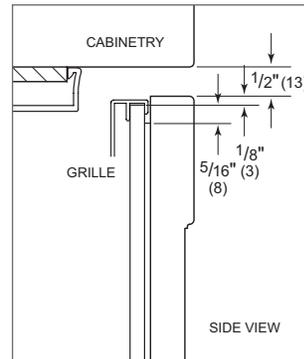
	ILLUS
Doors (hinge) / Grille Sides	A
Doors (handle) Sides	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom	F



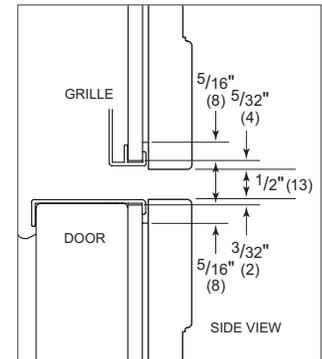
Illus. A



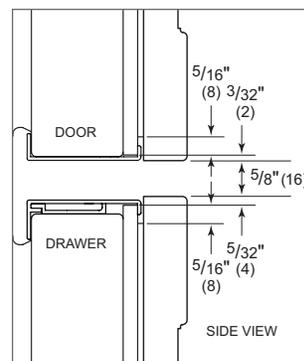
Illus. B



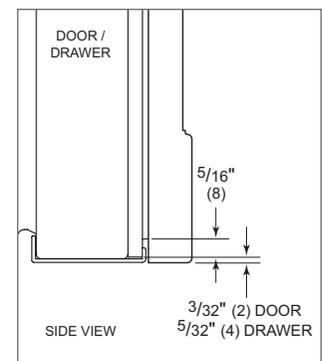
Illus. C



Illus. D



Illus. E



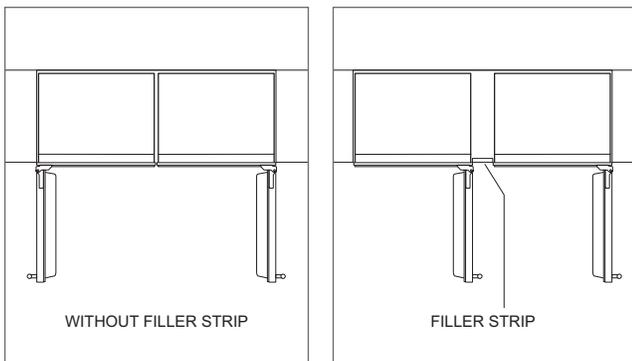
Illus. F

Dual Installation

If two units are installed side by side, a dual installation kit may be required. 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. A custom filler strip is required when installing two French door or side-by-side models. 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.

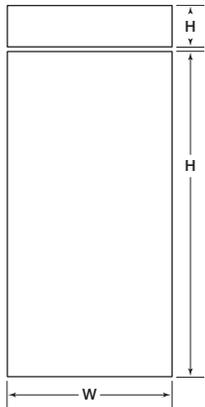
For dual standard installations, panel dimensions are the same as for single installations. Refer to the charts on pages 20–23. Panel dimensions and offsets for dual flush inset installations are listed on the following pages.



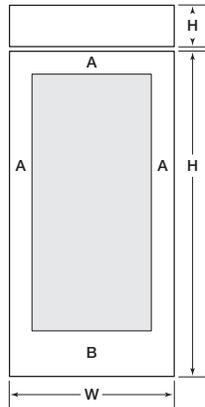
Opposite hinges

Same side hinges

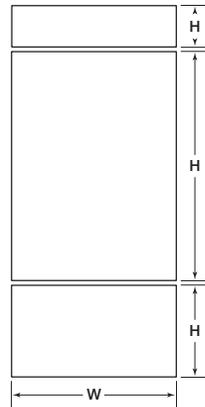
Dual Flush Inset Panel Dimensions



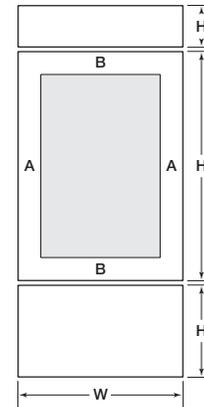
BI-36R, BI-36F



BI-36RG



BI-30U, BI-36U(ID)



BI-30UG, BI-36UG

MODEL BI-36R, BI-36RG, BI-36F

REFRIGERATOR / FREEZER	W	H
Flush Inset Panel	36½" (927)	69¾" (1772)
Spacer Panel	35⅞" (892)	68⅞" (1751)
Backer Panel	35¾" (908)	69⅞" (1767)

GRILLE	W	H
Flush Inset Panel	36½" (927)	9¼" (235)
Spacer Panel	35⅞" (892)	8⅝" (211)
Backer Panel	35¾" (908)	8⅞" (227)

BI-36RG	A	B
Stiles / Rails	5¾" (146)	10⅞" (264)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	H
Flush Inset Panel	30½" (775)	50⅞" (1273)
Spacer Panel	29⅞" (740)	49⅞" (1253)
Backer Panel	29¾" (756)	49⅞" (1268)

FREEZER	W	H
Flush Inset Panel	30½" (775)	19" (483)
Spacer Panel	29⅞" (740)	18⅞" (459)
Backer Panel	29¾" (756)	18⅞" (475)

GRILLE	W	H
Flush Inset Panel	30½" (775)	9¼" (235)
Spacer Panel	29⅞" (740)	8⅝" (211)
Backer Panel	29¾" (756)	8⅞" (227)

BI-30UG	A	B
Stiles / Rails	5¾" (146)	5¼" (133)

MODEL BI-36U(ID), BI-36UG

REFRIGERATOR	W	H
Flush Inset Panel	36½" (927)	50⅞" (1273)
Spacer Panel	35⅞" (892)	49⅞" (1253)
Backer Panel	35¾" (908)	49⅞" (1268)

FREEZER	W	H
Flush Inset Panel	36½" (927)	19" (483)
Spacer Panel	35⅞" (892)	18⅞" (459)
Backer Panel	35¾" (908)	18⅞" (475)

GRILLE	W	H
Flush Inset Panel	36½" (927)	9¼" (235)
Spacer Panel	35⅞" (892)	8⅝" (211)
Backer Panel	35¾" (908)	8⅞" (227)

BI-36UG	A	B
Stiles / Rails	5¾" (146)	5¼" (133)

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

Dual Installation

DUAL FLUSH INSET PANEL OFFSET

The illustrations provide panel offsets and reveals for Classic models in a dual flush inset application. Refer to the chart below for reference to the illustrations.

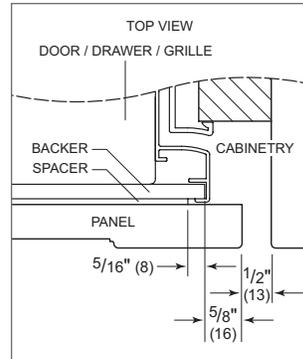
PANEL OFFSET

ALL REFRIGERATOR / ALL FREEZER

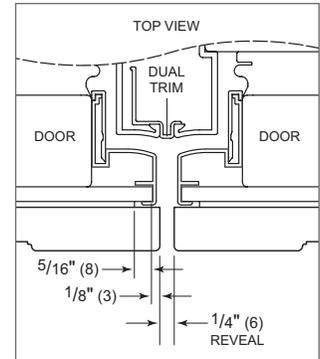
	ILLUS
Door (hinge) / Grille Sides	A
Door (handle) Sides	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom	F

OVER-AND-UNDER

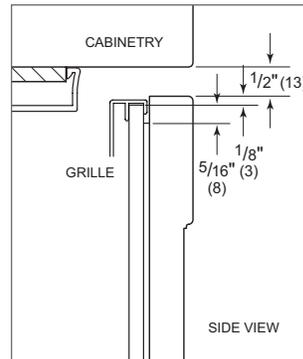
	ILLUS
Door (hinge) / Drawer / Grille Sides	A
Door (handle) Sides	B
Grille Top	C
Grille Bottom / Door Top	D
Door Bottom / Drawer Top	E
Drawer Bottom	F



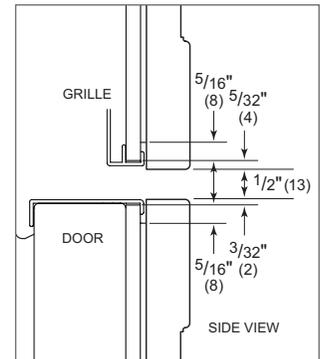
Illus. A



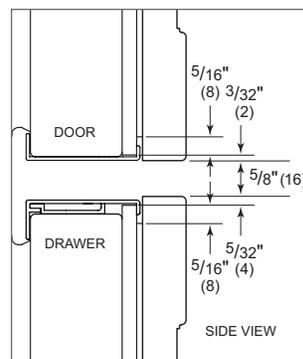
Illus. B



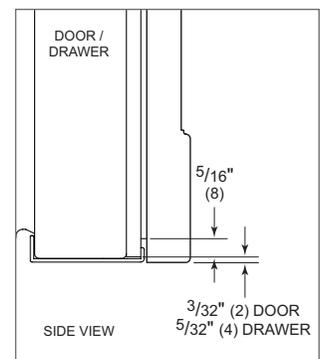
Illus. C



Illus. D



Illus. E



Illus. F

Dual Installation

DUAL WIDE GRILLE

A dual wide grille spans the entire width of both units in a dual installation and is a part of a dual installation kit.

For overlay and flush inset panel dimensions for the dual wide grille, refer to the charts below. Dimensions listed are for a standard 84" (2134) finished height.

DUAL WIDE GRILLE—OVERLAY

TWO 30" MODELS	W	H
Overlay Panel	60¼" (1530)	9¼" (235)
Spacer Panel	59⅜" (1508)	8⅝" (211)
Backer Panel	60" (1524)	8⅞" (227)

30" AND 36" MODEL	W	H
Overlay Panel	66¼" (1683)	9¼" (235)
Spacer Panel	65⅜" (1661)	8⅝" (211)
Backer Panel	66" (1676)	8⅞" (227)

TWO 36" MODELS	W	H
Overlay Panel	72¼" (1835)	9¼" (235)
Spacer Panel	71⅜" (1813)	8⅝" (211)
Backer Panel	72" (1829)	8⅞" (227)

DUAL WIDE GRILLE—FLUSH INSET

TWO 30" MODELS	W	H
Flush Inset Panel	61¼" (1556)	9¼" (235)
Spacer Panel	59⅜" (1508)	8⅝" (211)
Backer Panel	60" (1524)	8⅞" (227)

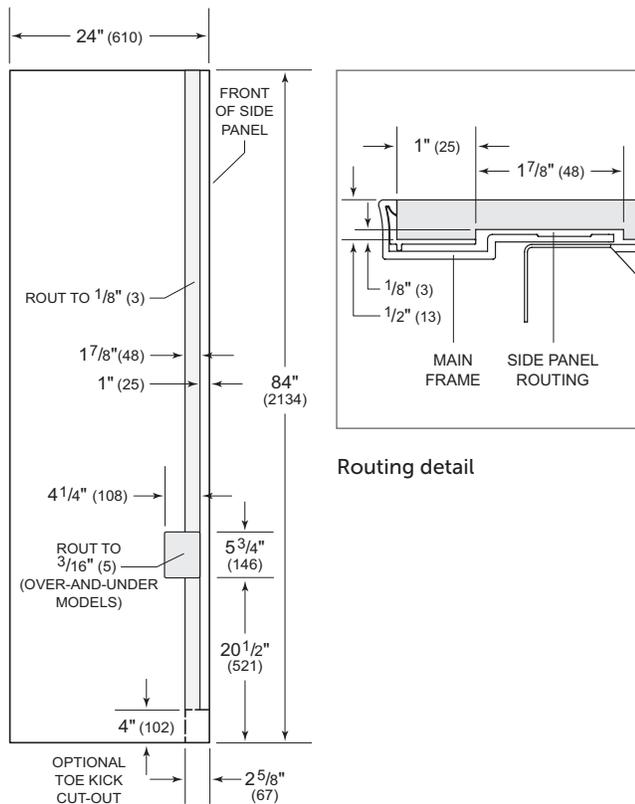
30" AND 36" MODEL	W	H
Flush Inset Panel	67¼" (1708)	9¼" (235)
Spacer Panel	65⅜" (1661)	8⅝" (211)
Backer Panel	66" (1676)	8⅞" (227)

TWO 36" MODELS	W	H
Flush Inset Panel	73¼" (1861)	9¼" (235)
Spacer Panel	71⅜" (1813)	8⅝" (211)
Backer Panel	72" (1829)	8⅞" (227)

Side Panel

The custom side panels 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 below.

When installing a Classic unit 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

Standard Handles

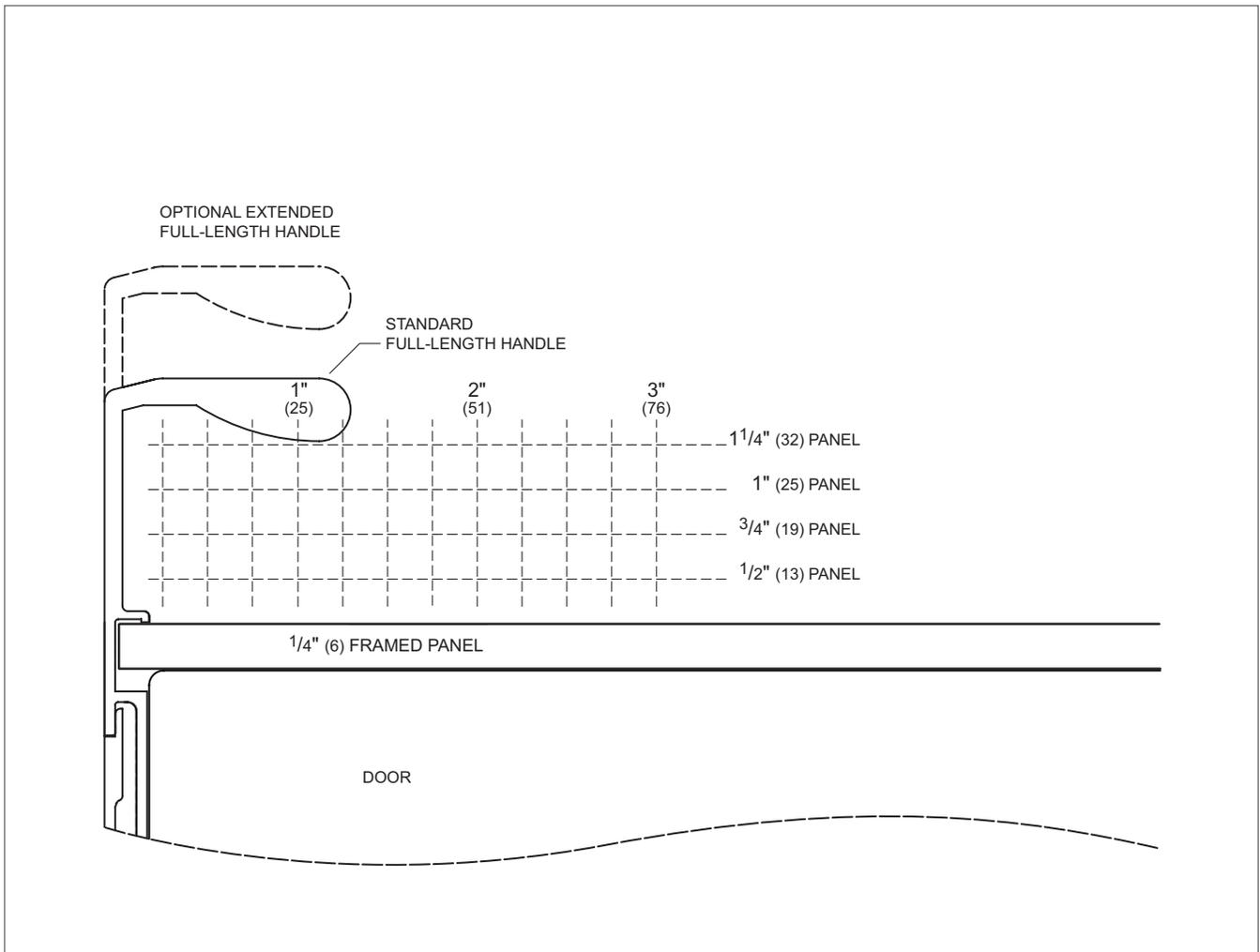
Optional stainless steel tubular and pro handles are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

Refer to the chart below for standard handle lengths for Classic models.

HANDLE LENGTH	TUBULAR	PRO
Full Door	63 7/8" (1622)	45 3/16" (1147)
Over-and-Under Door	44 1/4" (1124)	37 1/2" (952)
30" Drawer	24 5/16" (633)	17 9/16" (447)
36" Drawer	30 5/16" (770)	23 5/8" (600)
42" Drawer	36 5/16" (922)	29 5/8" (753)

Framed Panels

FULL-SCALE TEMPLATE

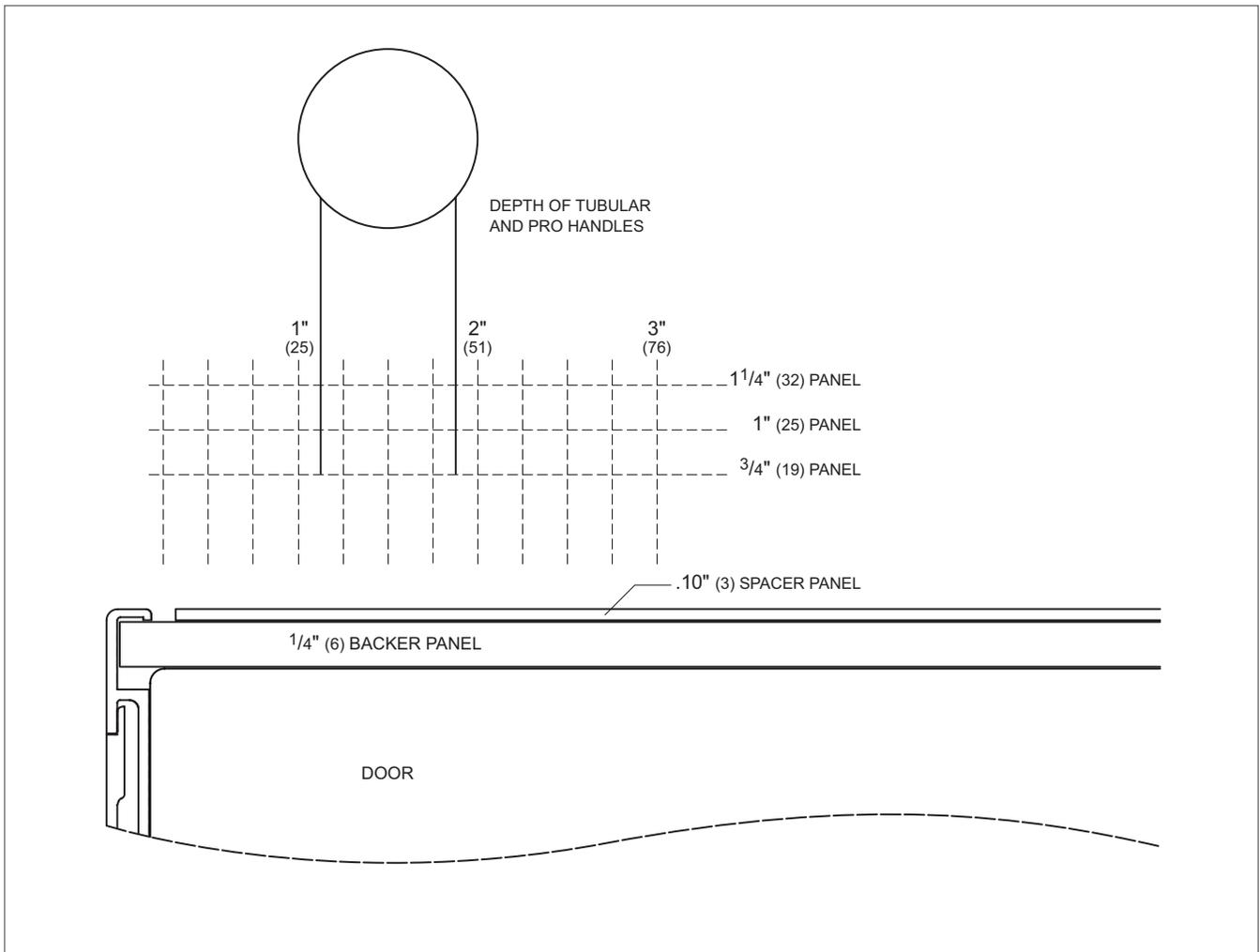


Framed panel thickness

Overlay / Flush Inset Panels

FULL-SCALE TEMPLATE

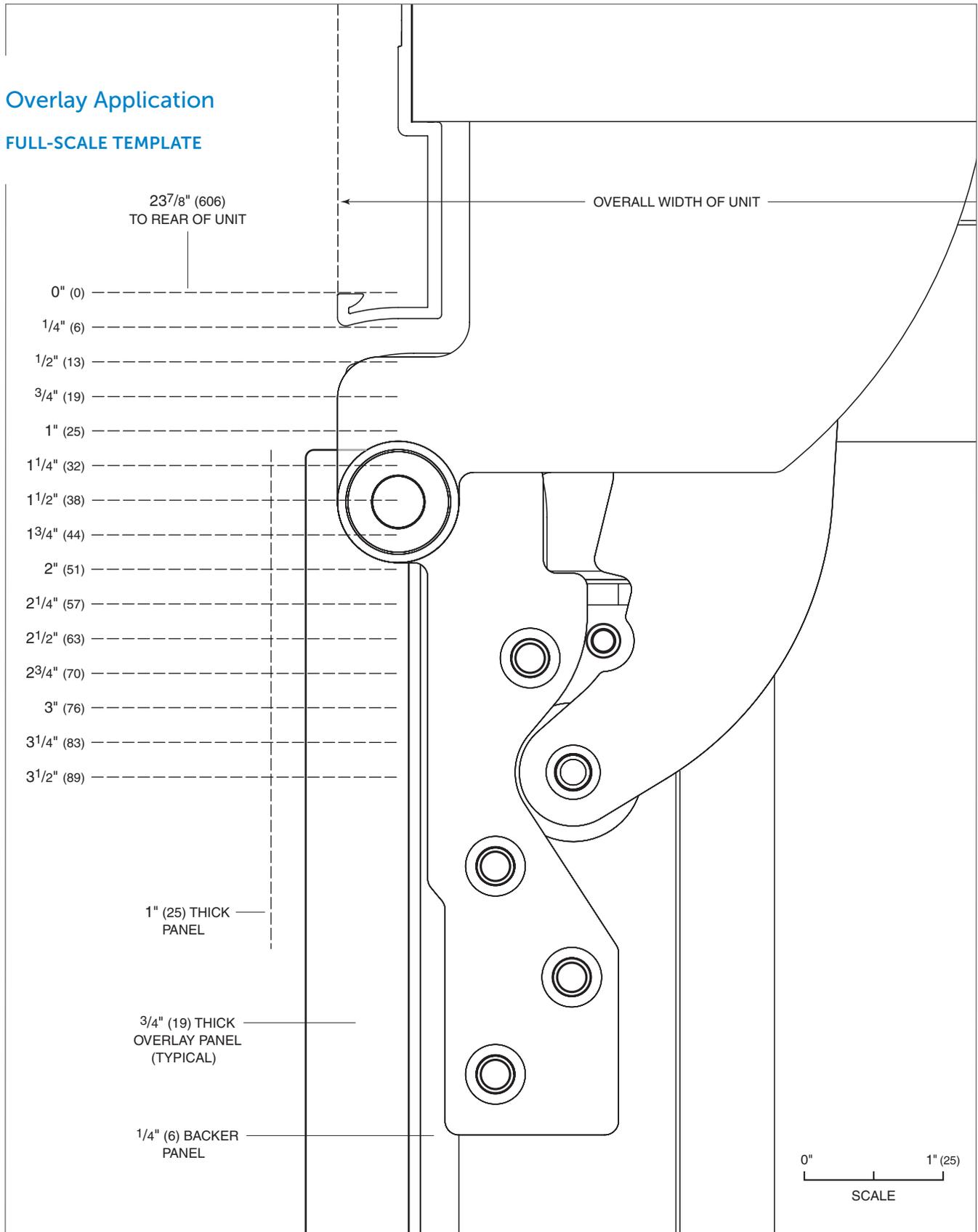
Overlay and flush inset panels must be a minimum of $\frac{5}{8}$ " (16) thick to support mounting the handle. Panel thickness does not include the backer and spacer panels. Mount the handle close to the opening edge of the door.



Overlay and flush inset panel thickness

Overlay Application

FULL-SCALE TEMPLATE

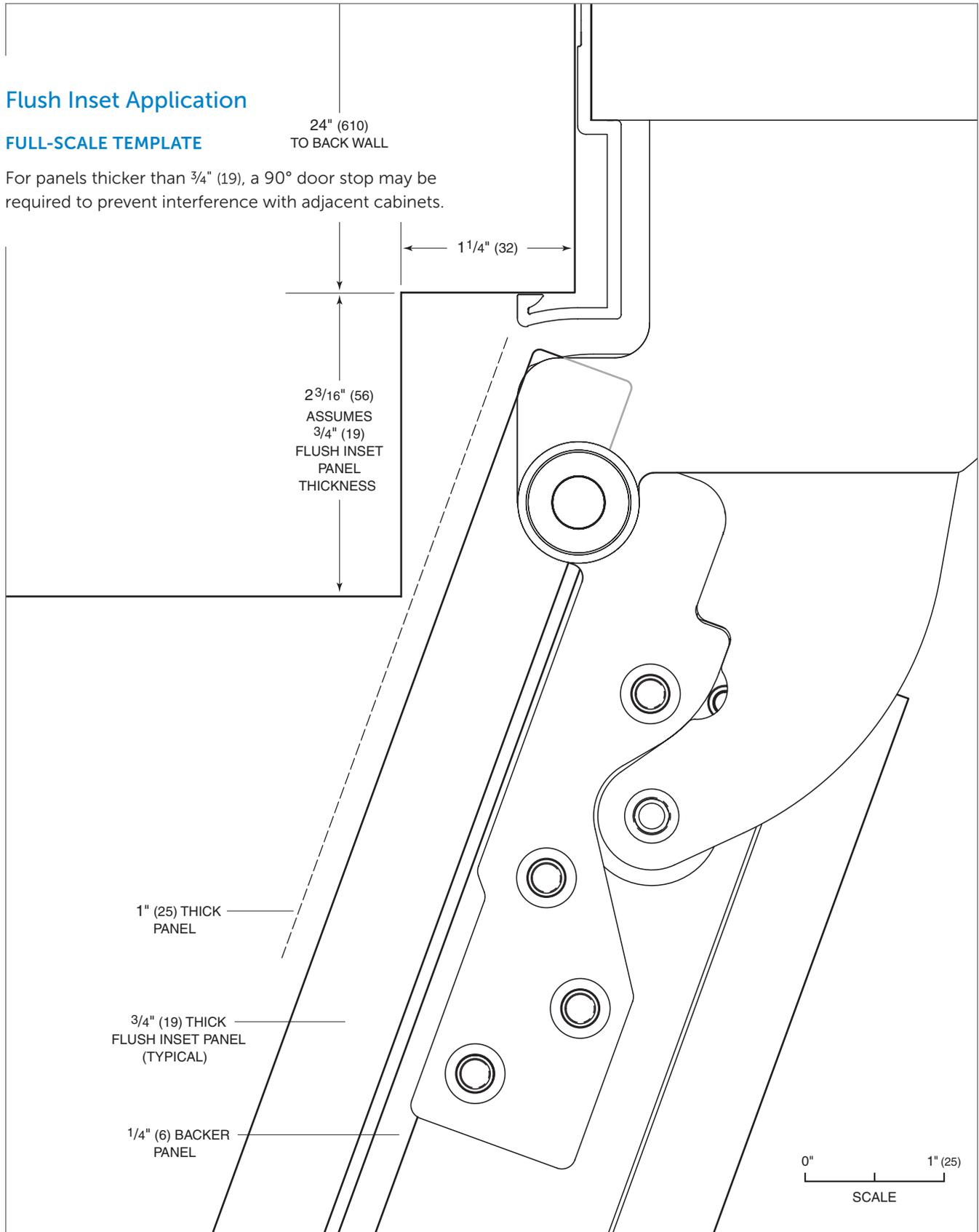


90° door opening (top view)

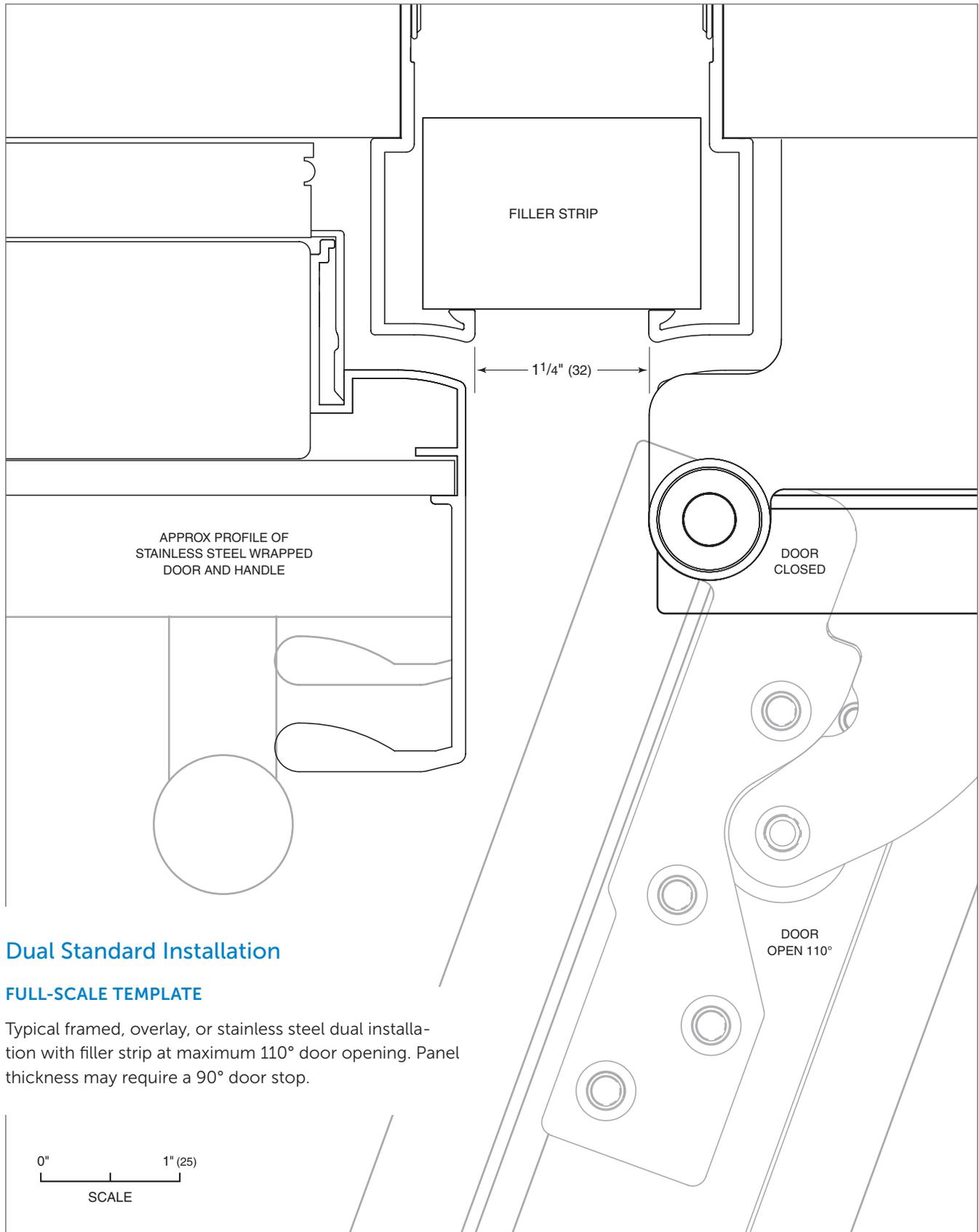
Flush Inset Application

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)

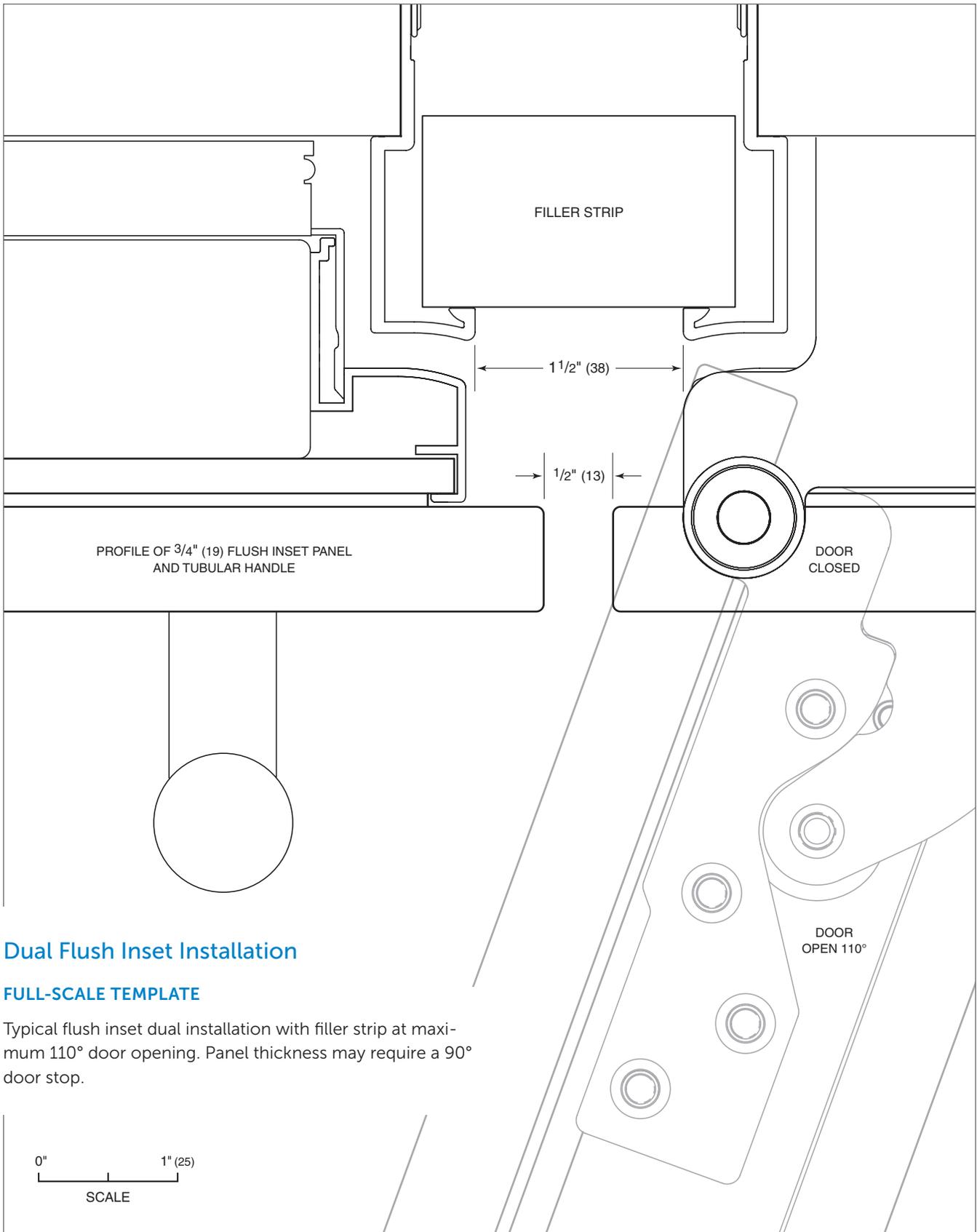


Dual Standard Installation

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

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.





SUBZERO.COM