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Features and specifications are subject to change at any time without notice. Visit subzero.com/specs for the most up-to-date information.

Throughout this guide, dimensions may vary by \pm 1/8" (3). Dimensions in parentheses are millimeters unless otherwise specified.



PRO 48

INTEGRATED

Built-In Refrigeration

For the built-in line, 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 the builtin line nothing short of revolutionary.

BUILT-IN MODELS



Specifications

INTERIOR CAPACITY-CU FT (L)		
ALL REFRIGERATOR ALL FREEZER	REFR	FRZR
BI-36R	23.5 (665)	
BI-36RG	23.4 (663)	
BI-36F		22.7 (643)
OVER-AND-UNDER	REFR	FRZR
BI-30U	13.2 (374)	4.2 (119)
BI-30UG	13.1 (371)	4.2 (119)
BI-36U(ID)	16.4 (464)	5.3 (150)
BI-36UG	16.3 (462)	5.3 (150)
BI-36UFD(ID)	15.7 (445)	5.3 (150)
BI-42UFD(ID)	17.9 (507)	6.3 (178)
SIDE-BY-SIDE	REFR	FRZR
BI-36S	12.4 (351)	8.2 (232)
BI-42S	16.3 (462)	8.0 (227)
BI-42SID	15.8 (447)	7.9 (224)
BI-42SD	16.0 (453)	7.9 (224)
BI-48S	19.1 (541)	9.8 (278)
BI-48SID	18.6 (527)	9.6 (272)
BI-48SD	18.8 (532)	9.6 (272)

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РВО

Built-In Design Options

FRAMED

For the classic Sub-Zero look, 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.

OVERLAY

Custom overlay door panels can be combined with unique handle hardware for design flexibility. Shown with 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.



Overlay.

Framed.



Sub-Zero Customer Care 800.222.7820 6

Built-In Design Options

FLUSH INSET

The flush inset design option allows for flush door and grille panels and custom handle hardware. Shown with 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

For a professional look, classic 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.



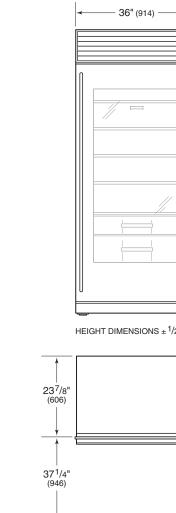
Stainless steel.

INTEGRATED

Overall Dimensions

ALL REFRIGERATOR | ALL FREEZER

← 26³/16" (665) →



84" (2134) 73³/4" (1873) 1 237/8" (606) -HEIGHT DIMENSIONS $\pm 1/2"$ (13) 4" (102) 14¹/8" (359) -← 2³/8" (60) ->

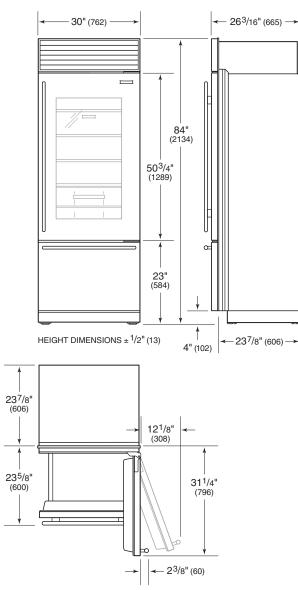
Model BI-36R, BI-36RG, BI-36F.

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

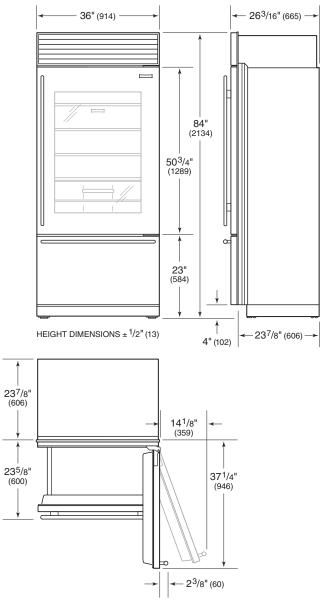
WINE

Overall Dimensions

OVER-AND-UNDER



Model BI-30U, BI-30UG.



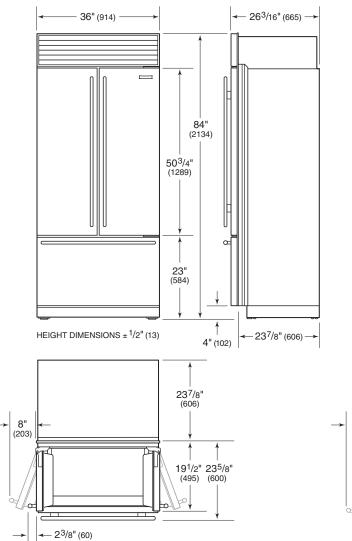
Model BI-36U(ID), BI-36UG.

Overall Dimensions

OVER-AND-UNDER

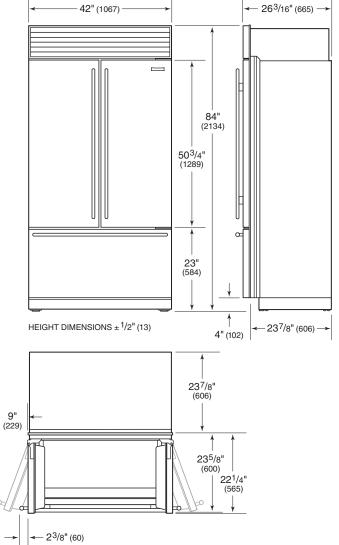
INTEGRATED

WINE

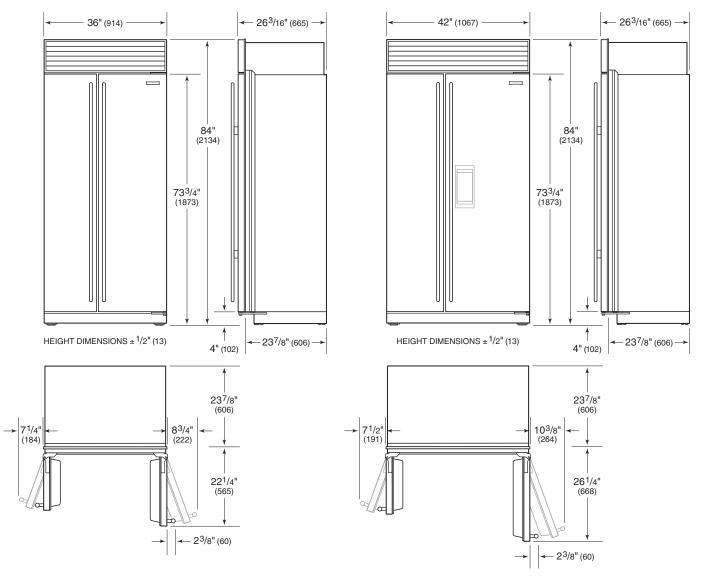


Model BI-36UFD(ID).

Model BI-42UFD(ID).



SIDE-BY-SIDE

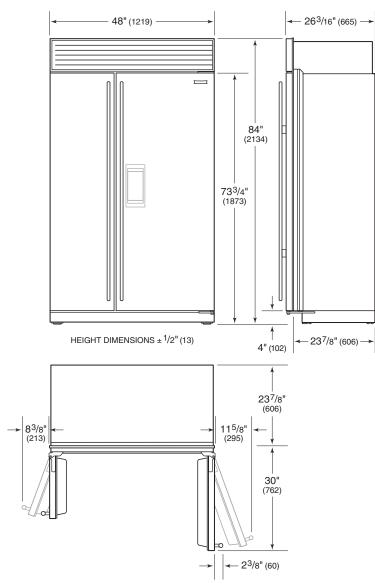


Model BI-36S.

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

Overall Dimensions

SIDE-BY-SIDE



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

INTEGRATED

Specifications

SHIPPING WEIGHT

ALL REFRIGERATOR ALL FREEZER	LB (KG)
BI-36R	420 (191)
BI-36RG	430 (195)
BI-36F	406 (184)
OVER-AND-UNDER	LB (KG)
BI-30U	462 (210)
BI-30UG	476 (216)
BI-36U(ID)	515 (234)
BI-36UG	529 (240)
BI-36UFD(ID)	529 (240)
BI-42UFD(ID)	582 (264)
SIDE-BY-SIDE	LB (KG)
BI-36S	538 (244)
BI-42S	582 (264)
BI-42SID	608 (276)
BI-42SD	608 (276)
BI-48S	630 (286)
BI-48SID	656 (298)
BI-48SD	656 (298)

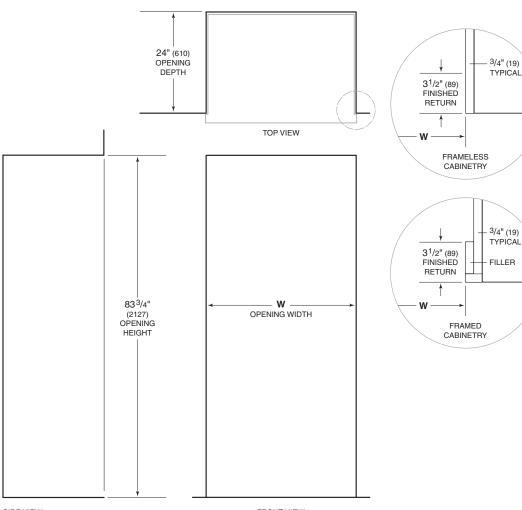
Shipping weights are based on stainless steel models.

Opening Dimensions

STANDARD INSTALLATION

PRO 48

INTEGRATED



SIDE VIEW

FRONT VIEW

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

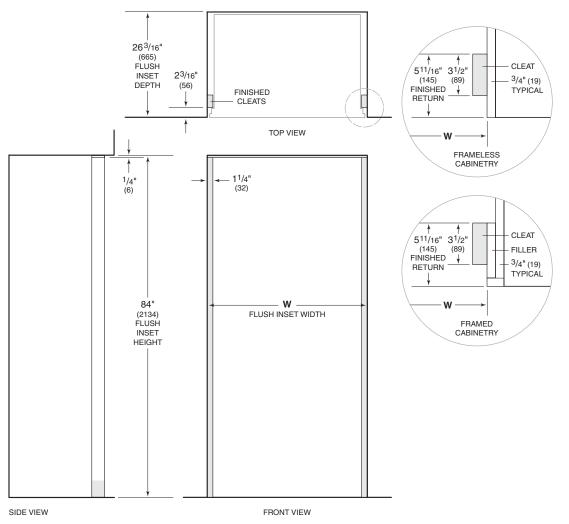
OPENING WIDTH	W
30" Model	29 ¹ /2" (749)
36" Model	35 ¹ /2" (902)
42" Model	41 ¹ /2" (1054)
48" Model	47 ¹ /2" (1206)

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 16 for dual standard installations.

Opening Dimensions

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

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

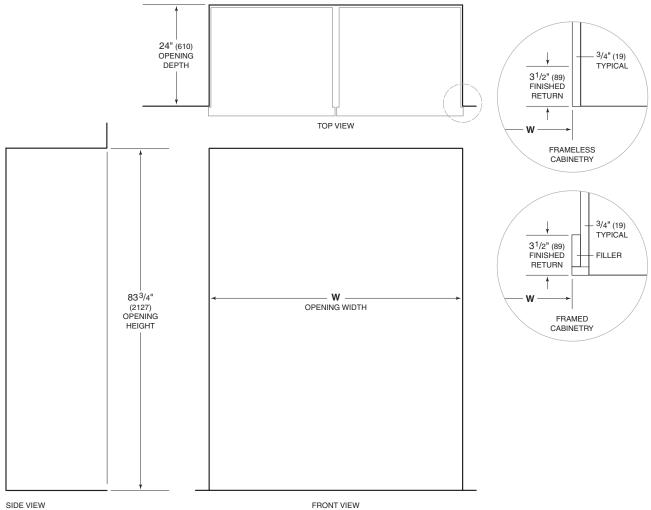
If an 83" (2108) grille height is specified, the flush inset height must be decreased by $^{7}/_{8}$ " (22). If an 88" (2235) grille height is specified, the flush inset height must be increased by 4" (102).

If two units are installed side by side, refer to page 17 for dual flush inset installations.

INTEGRATED

WINE

DUAL STANDARD INSTALLATION



FRONT VIEW

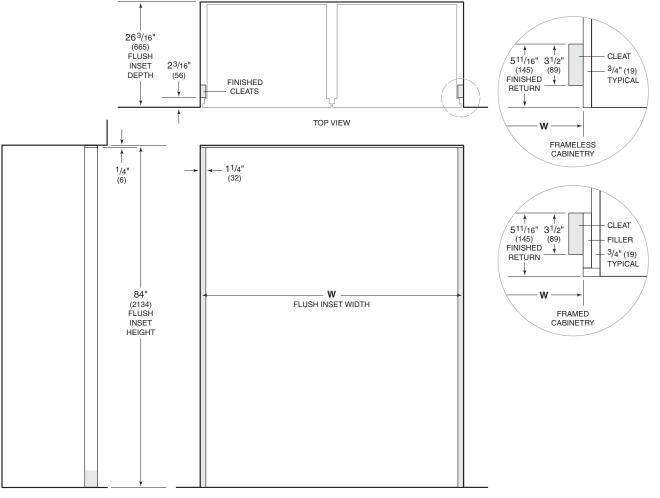
NOTE: 31/2" (89) finished returns will be visible and should be finished to match cabinetry. Shaded line represents profile of unit.

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 will be required for this installation.

Opening Dimensions

DUAL FLUSH INSET INSTALLATION



SIDE VIEW

FRONT VIEW

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

DUAL FLUSH INSET WIDTH	W
Two 30" Models	62 ¹ /4" (1581)
30" and 36" Models	68 ¹ /4" (1734)
Two 36" Models	741/4" (1886)

Dimensions assume a $^{3}/_{4}$ " (19) panel thickness. A dual installation kit will be required for this installation.

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РВО

Electrical

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

Plumbing

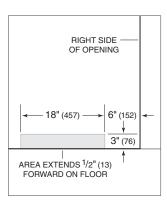
The water supply line should be located within the shaded area shown in the illustration below. The water supply line should be connected to the house supply with an easily accessible shut-off valve. Do not use self-piercing valves. The water supply line must not interfere with installation of the anti-tip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

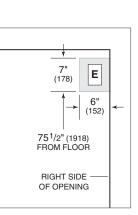
Water Supply	¹ /4" OD copper, braided stainles steel or PEX tubin	
Pressure	35–120 psi (2.4–8.3 bar)	
Excess Line for Connection	36" (914)	



Water supply location.

Ш NIN

UNDERCOUNTER



Electrical supply location.

Custom Panels

For framed, overlay and flush inset applications, custom door panels must be provided. Handle hardware must also be provided for overlay and flush inset applications. Refer to panel requirements below and the charts on pages 22–27 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)

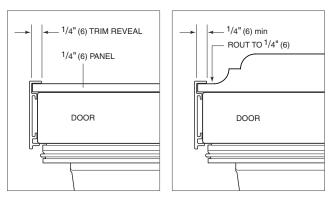
FRAMED PANELS

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 34.

When installing two units side by side, refer to page 16 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	1 5 ¹ /16" (383)
BI-48SD	18 ³ /4" (476)

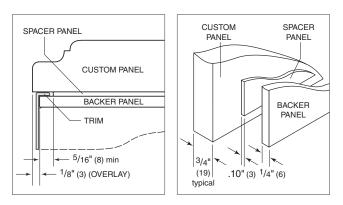
PANEL MOUNTING KIT

A Sub-Zero custom panel mounting kit eliminates the need for a backer and spacer panel 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 built-in 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 illustrations below.

When installing two units side by side, refer to page 16 for dual standard installations.



Panel assembly (cross section). 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.

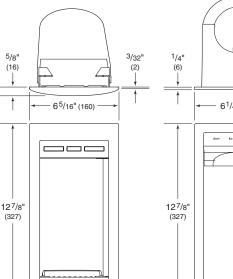
The flush inset design allows custom panels to be installed flush with adjacent cabinets. Similar to overlay, flush inset panels are typically created by combining a $^{3}/_{4"}$ (19) custom panel, a .10" (3) spacer panel and a $^{1}/_{4"}$ (6) backer panel. Refer to the illustrations for overlay panels.

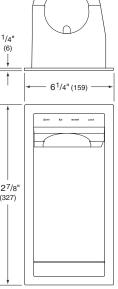
For flush inset panels thicker than $^{3}/_{4}$ " (19), a 90° door stop may be required to prevent interference with adjacent cabinets. Refer to the full-scale templates at the end of this guide.

When installing two units side by side, refer to page 17 for dual flush inset installations.

ICE AND WATER DISPENSER

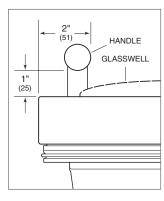
For models BI-42SD and BI-48SD, the refrigerator door panel must include a cut-out to accommodate the external dispenser. The thickness of the panel in this area can range from $^{1}/_{4"}$ (6) to a maximum of $1^{1}/_{8"}$ (29). Refer to the illustrations below.





Dispenser dimensions.

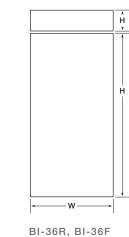
Dispenser dimensions.

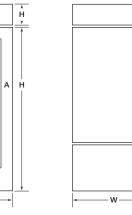


Handle placement.

INTEGRATED

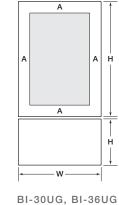
Framed Panel Dimensions



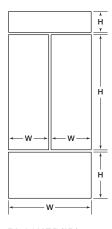




BI-30U, BI-36U(ID)



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

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

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

А

в - W -

BI-36RG

A

MODEL BI-30U, BI-30UG

W	н
29 ³ /4" (756)	49 ¹⁵ /16" (1268)
W	н
29 ³ /4" (756)	1 8 ¹¹ /16" (475)
W	Н
29 ³ /4" (756)	8 ¹⁵ /16" (227)
	Α
	5 ³ /16" (132)
	W 29 ³ /4" (756) W

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

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

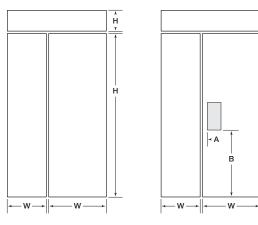
MODEL BI-36UFD(ID)

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

MODEL BI-42UFD(ID)

W	н
20 ⁵ /8" (524)	49 ¹⁵ /16" (1268)
W	Н
41 ³ /4" (1060)	18 ¹¹ /16" (475)
W	Н
41 ³ /4" (1060)	8 ¹⁵ /16" (227)
	20 ⁵ /8" (524) W 41 ³ /4" (1060) W

Framed Panel Dimensions



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

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MODEL BI-36S

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

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

REFRIGERATOR	W	н
Door Panel	24 ¹³ /16" (630)	69 ⁹ /16" (1767)
FREEZER	W	н
Door Panel	16 ⁷ /16" (418)	69 ⁹ /16" (1 767)
GRILLE (OPTIONAL)	W	н
Grille Panel	41 ³ /4" (1060)	8 ¹⁵ /16" (227)
BI-42SD	W	н
Dispenser Cut-Out*	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	Α	В
Cut-Out Location	1 ⁷ /8" (48)	283/4" (730)

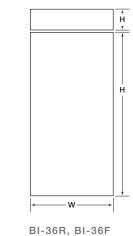
MODEL BI-48S, BI-48SID, BI-48SD

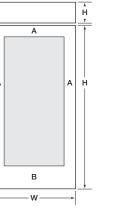
REFRIGERATOR	W	Н
Door Panel	28 ¹ /2" (724)	69 ⁹ /16" (1767)
FREEZER	W	н
Door Panel	18 ³ /4" (476)	69 ⁹ /16" (1767)
GRILLE (OPTIONAL)	W	н
Grille Panel	47 ³ /4" (1213)	8 ¹⁵ /16" (227)
BI-48SD	W	н
Dispenser Cut-Out*	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	Α	В
Cut-Out Location	1 ⁷ /8" (48)	28 ³ /4" (730)

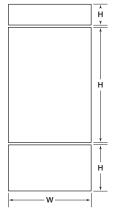
*For models BI-42SD and BI-48SD, panel thickness in dispenser area can range from $^{1}/_{4}$ " (6) to $1^{1}/_{8}$ " (29) max. If panel is thicker, rout out $^{1}/_{4}$ " (6) min flat landing area to accommodate dispenser.

INTEGRATED

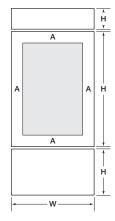
Overlay Panel Dimensions



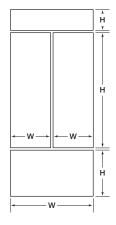




BI-30U, BI-36U(ID)



BI-30UG, BI-36UG



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

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

REFRIGERATOR FREEZER	W	Н
Overlay Panel	36" (914)	69 ³ /4" (1772)
Spacer Panel	351/8" (892)	68 ¹⁵ /16" (1751)
Backer Panel	35 ³ /4" (908)	69 ⁹ /16" (1767)
GRILLE	W	Н
Overlay Panel	36" (914)	9 ¹ /4" (235)*
Spacer Panel	351/8" (892)	8 ⁵ /16" (211)
Backer Panel	35 ³ /4" (908)	8 ¹⁵ /16" (227)
BI-36RG	Α	В
Stiles Rails	5 ¹ /4" (133)	10 ³ /8" (264)

BI-36RG

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MODEL BI-30U, BI-30UG

REFRIGERATOR	W	Н
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	н
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	н
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		Α
Stiles Rails		5 ¹ /4" (133)

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

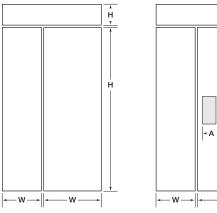
H	W	REFRIGERATOR
50 ¹ /8" (1273)	36" (914)	Overlay Panel
49 ⁵ /16" (1253)	351/8" (892)	Spacer Panel
49 ^{15/} 16" (1268)	35 ³ /4" (908)	Backer Panel
н	W	FREEZER
19" (483)	36" (914)	Overlay Panel
18 ¹ /16" (459)	351/8" (892)	Spacer Panel
18 ¹¹ /16" (475)	35 ³ /4" (908)	Backer Panel
н	W	GRILLE
9 ¹ /4" (235)*	36" (914)	Overlay Panel
8 ⁵ /16" (211)	35 ¹ /8" (892)	Spacer Panel
8 ¹⁵ /16" (227)	35 ³ /4" (908)	Backer Panel
A		BI-36UG
5 ¹ /4" (133)		Stiles Rails

MODEL BI-36UFD(ID)

REFRIGERATOR (2 PANELS)	W	Н
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	н
Overlay Panel	36" (914)	19" (483)
Spacer Panel	351/8" (892)	18 ¹ /16" (459)
Backer Panel	35 ³ /4" (908)	18 ¹¹ /16" (475)
GRILLE	W	н
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)

WINE

Overlay Panel Dimensions



Н в - W

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

BI-42SD, BI-48SD

MODEL BI-42UFD(ID)

REFRIGERATOR (2 PANELS)	W	н
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	W	н
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	W	н
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

REFRIGERATOR	W	н
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	W	н
Overlay Panel	15^{11/}16" (398)	69 ³ /4" (1772)
Spacer Panel	1 4 ¹³ /16" (376)	68 ¹⁵ /16" (1751)
Backer Panel	15 ⁷ /16" (392)	69 ⁹ /16" (1767)
GRILLE	W	н
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

	5, 51 1205	
REFRIGERATOR	W	Н
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)
FREEZER	W	Н
Overlay Panel	16 ¹¹ /16" (424)	69 ³ /4" (1772)
Spacer Panel	1 5 ¹³ /16" (402)	68 ¹⁵ /16" (1751)
Backer Panel	16 ⁷ /16" (418)	69 ⁹ /16" (1767)
GRILLE	W	Н
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)
BI-42SD	W	Н
Dispenser Cut-Out	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	Α	В
Cut-Out Location	2" (51)	28 ¹³ /16" (732)

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

	5, 51 1005	
REFRIGERATOR	W	н
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)
FREEZER	W	н
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" (1 767)
GRILLE	W	н
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)
BI-48SD	W	н
Dispenser Cut-Out	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	Α	В
Cut-Out Location	2" (51)	28 ¹³ /16" (732)

*Panel height may be increased by $^{7/16"}$ (11) to hide upper main frame. Also refer to built-in 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.

INTEGRATED

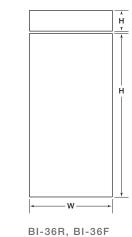
Flush Inset Panel Dimensions

А

в - W -

BI-36RG

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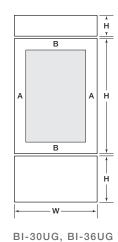
Ĥ А Ĥ - W -

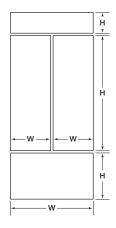
BI-30U, BI-36U(ID)

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

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

REFRIGERATOR FREEZER	W	Н
Flush Inset Panel	37" (940)	69 ³ /4" (1772)
Spacer Panel	351/8" (892)	68 ^{15/} 16" (1751)
Backer Panel	35 ³ /4" (908)	69 ⁹ /16" (1767)
GRILLE	W	н
Flush Inset Panel	37" (940)	91/4" (235)
Spacer Panel	351/8" (892)	8 ⁵ /16" (211)
Backer Panel	35 ³ /4" (908)	8 ¹⁵ /16" (227)
BI-36RG	Α	В
Stiles Rails	5 ³ /4" (146)	10 ³ /8" (264)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	Н
Flush Inset Panel	31" (787)	50 ¹ /8" (1273)
Spacer Panel	29 ¹ /8" (740)	49 ⁵ /16" (1253)
Backer Panel	293/4" (756)	49 ¹⁵ /16" (1268)
FREEZER	W	н
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	н
Flush Inset Panel	31" (787)	9 ¹ /4" (235)
Spacer Panel	291/8" (740)	8 ⁵ /16" (211)
Backer Panel	29 ³ /4" (756)	8 ¹⁵ /16" (227)
BI-30UG	Α	В
Stiles Rails	5 ³ /4" (146)	5 ¹ /4" (133)

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

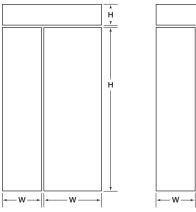
REFRIGERATOR	W	н
Flush Inset Panel	37" (940)	50 ¹ /8" (1273)
Spacer Panel	351/8" (892)	49 ⁵ /16" (1253)
Backer Panel	35 ³ /4" (908)	49 ¹⁵ /16" (1268)
FREEZER	W	н
Flush Inset Panel	37" (940)	19" (483)
Spacer Panel	351/8" (892)	18 ¹ /16" (459)
Backer Panel	35 ³ /4" (908)	18 ¹¹ /16" (475)
GRILLE	W	н
Flush 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	А	В
Stiles Rails	5 ³ /4" (146)	5 ¹ /4" (133)

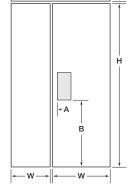
MODEL BI-36UFD(ID)

REFRIGERATOR (2 PANELS)	W	н
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	н
Flush Inset Panel	37" (940)	19" (483)
Spacer Panel	351/8" (892)	18 ¹ /16" (459)
Backer Panel	35 ³ /4" (908)	18 ¹¹ /16" (475)
GRILLE	W	н
Flush Inset Panel	37" (940)	9 ¹ /4" (235)
Spacer Panel	351/8" (892)	8 ⁵ /16" (211)
Backer Panel	35 ³ /4" (908)	8 ¹⁵ /16" (227)

WINE

Flush Inset Panel Dimensions





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

MODEL BI-42UFD(ID)

REFRIGERATOR (2 PANELS)	W	н
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	н
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	н
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	н
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	Н
Flush Inset Panel	16 ³ /16" (411)	69 ³ /4" (1772)
Spacer Panel	1 4 ¹³ /16" (376)	68 ¹⁵ /16" (1751)
Backer Panel	15 ⁷ /16" (392)	69 ⁹ /16" (1767)
GRILLE	W	н
Flush Inset Panel	37" (940)	9 ¹ /4" (235)
Spacer Panel	351/8" (892)	8 ⁵ /16" (211)
Backer Panel	35 ³ /4" (908)	8 ¹⁵ /16" (227)

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

1000EE DI 420, DI 4201	B, BI 420B	
REFRIGERATOR	W	н
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	н
Flush Inset Panel	1 7 ³ /16" (437)	69 ³ /4" (1772)
Spacer Panel	1 5 ¹³ /16" (402)	68 ¹⁵ /16" (1751)
Backer Panel	16 ⁷ /16" (418)	69 ⁹ /16" (1767)
GRILLE	W	Н
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	Н
Dispenser Cut-Out	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	Α	В
Cut-Out Location	2" (51)	28 ¹³ /16" (732)

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

	5, 51 4005	
REFRIGERATOR	W	н
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	н
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	н
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	н
Dispenser Cut-Out	5 ⁷ /8" (149)	12 ⁷ /16" (316)
	А	В
Cut-Out Location	2" (51)	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.

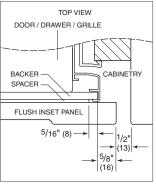
Flush Inset Panels

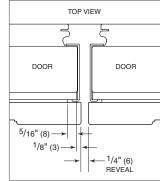
PANEL OFFSET

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

PANEL OFFSET

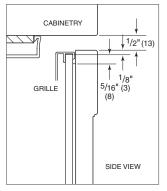
ALL REFRIGERATOR ALL FREEZER	ILLUS
Door Grille Sides	А
Grille Top	С
Grille Bottom Door Top	D
Door Bottom	F
OVER-AND-UNDER	ILLUS
Door (hinge) Drawer Grille Sides	A
Doors (handle) Sides (French door only)	В
Grille Top	С
Grille Bottom Door Top	D
Door Bottom Drawer Top	E
Drawer Bottom	F
SIDE-BY-SIDE	ILLUS
Doors (hinge) Grille Sides	A
Doors (handle) Sides	В
Grille Top	С
Grille Bottom Door Top	D
Door Bottom	F

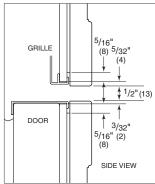




Illus. A

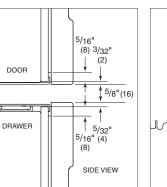
Illus. B

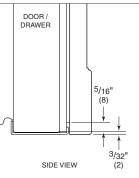




Illus. C

Illus. D





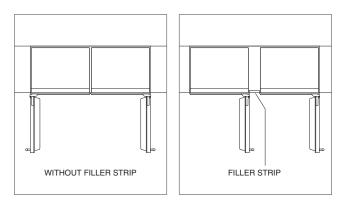
Illus. E

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 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 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.

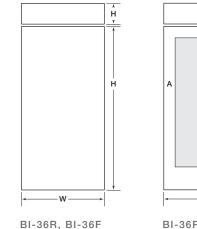


Opposite hinges.

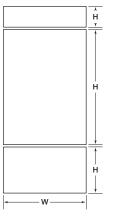
Same side hinges.

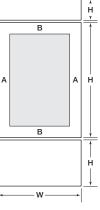
For dual standard installations, panel dimensions are the same as for single installations. Refer to the charts on pages 22–25. Panel dimensions and offsets for dual flush inset installations are listed on the following pages.

Dual Flush Inset Panel Dimensions



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

BI-30UG, BI-36UG

MODEL BI-36R, BI-36RG, BI-36F **REFRIGERATOR | FREEZER** w н Flush Inset Panel 36¹/2" (927) 69³/4" (1772) Spacer Panel 351/8" (892) 68¹⁵/16" (1751) Backer Panel 353/4" (908) 69⁹/16" (1767) GRILLE w н Flush Inset Panel 361/2" (927) 91/4" (235) Spacer Panel 351/8" (892) 85/16" (211) Backer Panel 8¹⁵/16" (227) 353/4" (908) BI-36RG Α В Stiles | Rails 53/4" (146) 103/8" (264)

MODEL BI-30U, BI-30UG

REFRIGERATOR	W	Н
Flush Inset Panel	30 ¹ /2" (775)	50 ¹ /8" (1273)
Spacer Panel	291/8" (740)	49 ⁵ /16" (1253)
Backer Panel	29 ³ /4" (756)	49 ¹⁵ /16" (1268)
FREEZER	W	н
Flush Inset Panel	301/2" (775)	19" (483)
Spacer Panel	291/8" (740)	18 ¹ /16" (459)
Backer Panel	29 ³ /4" (756)	18 ¹¹ /16" (475)
GRILLE	W	н
Flush Inset Panel	30 ¹ /2" (775)	9 ¹ /4" (235)
Spacer Panel	291/8" (740)	8 ⁵ /16" (211)
Backer Panel	29 ³ /4" (756)	8 ¹⁵ /16" (227)
BI-30UG	А	В
Stiles Rails	5 ³ /4" (146)	5 ¹ /4" (133)

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

		MODEL BI-300(ID), BI-300G
н	W	REFRIGERATOR
50 ¹ /8" (1273)	36 ¹ /2" (927)	Flush Inset Panel
49 ⁵ /16" (1253)	351/8" (892)	Spacer Panel
49 ¹⁵ /16" (1268)	35 ³ /4" (908)	Backer Panel
н	W	FREEZER
19" (483)	361/2" (927)	Flush Inset Panel
18 ¹ /16" (459)	351/8" (892)	Spacer Panel
18 ¹¹ /16" (475)	35 ³ /4" (908)	Backer Panel
н	W	GRILLE
9 ¹ /4" (235)	361/2" (927)	Flush Inset Panel
8 ⁵ /16" (211)	35 ¹ /8" (892)	Spacer Panel
8 ^{15/} 16" (227)	35 ³ /4" (908)	Backer Panel
В	Α	BI-36UG
5 ¹ /4" (133)	5 ³ /4" (146)	Stiles Rails

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. For dual wide grilles, refer to page 32.

INTEGRATED

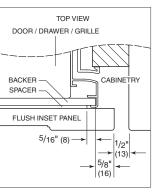
Dual Installation

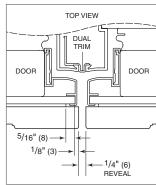
DUAL FLUSH INSET PANEL OFFSET

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

PANEL OFFSET

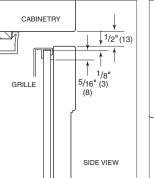
ALL REFRIGERATOR ALL FREEZER	ILLUS
Door (hinge) Grille Sides	А
Door (handle) Sides	В
Grille Top	С
Grille Bottom Door Top	D
Door Bottom	F
OVER-AND-UNDER	ILLUS
Door (hinge) Drawer Grille Sides	А
Door (handle) Sides	В
Grille Top	С
Grille Bottom Door Top	D
Door Bottom Drawer Top	E
Drawer Bottom	F

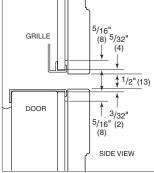




Illus. A

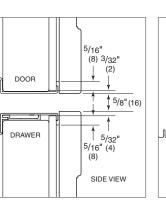
Illus. B





Illus. C

Illus. D



DOOR / DRAWER 5/16" (8) (8) (9) (3/32" SIDE VIEW (2)

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

W	н
60 ¹ /4" (1530)	9 ¹ /4" (235)
59 ³ /8" (1508)	8 ⁵ /16" (211)
60" (1524)	8 ¹⁵ /16" (227)
W	н
66 ¹ /4" (1683)	9 ¹ /4" (235)
65 ³ /8" (1661)	8 ⁵ /16" (211)
66" (1676)	8 ¹⁵ /16" (227)
W	н
72 ¹ /4" (1835)	9 ¹ /4" (235)
71 ³ /8" (1813)	8 ⁵ /16" (211)
72" (1829)	8 ¹⁵ /16" (227)
	60 ¹ /4" (1530) 59 ³ /8" (1508) 60" (1524) W 66 ¹ /4" (1683) 65 ³ /8" (1661) 66" (1676) W 72 ¹ /4" (1835) 71 ³ /8" (1813)

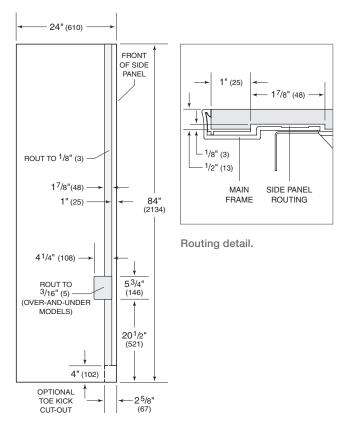
DUAL WIDE GRILLE-FLUSH INSET

TWO 30" MODELS	W	н
Flush Inset Panel	61 ¹ /4" (1556)	9 ¹ /4" (235)
Spacer Panel	59 ³ /8" (1508)	8 ⁵ /16" (211)
Backer Panel	60" (1524)	8 ¹⁵ /16" (227)
30" AND 36" MODEL	W	н
Flush Inset Panel	67 ¹ /4" (1708)	9 ¹ /4" (235)
Spacer Panel	65 ³ /8" (1661)	8 ⁵ /16" (211)
Backer Panel	66" (1676)	8 ^{15/} 16" (227)
TWO 36" MODELS	W	н
Flush Inset Panel	73 ¹ /4" (1861)	9 ¹ /4" (235)
Spacer Panel	71 ³ /8" (1813)	8 ⁵ /16" (211)
Backer Panel	72" (1829)	8 ¹⁵ /16" (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 built-in unit with a custom side panel, an accessory kit is required. Stainless steel and white enamel side panels are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a show-room section of our website, subzero.com.



Side panel dimensions.

Standard Handles

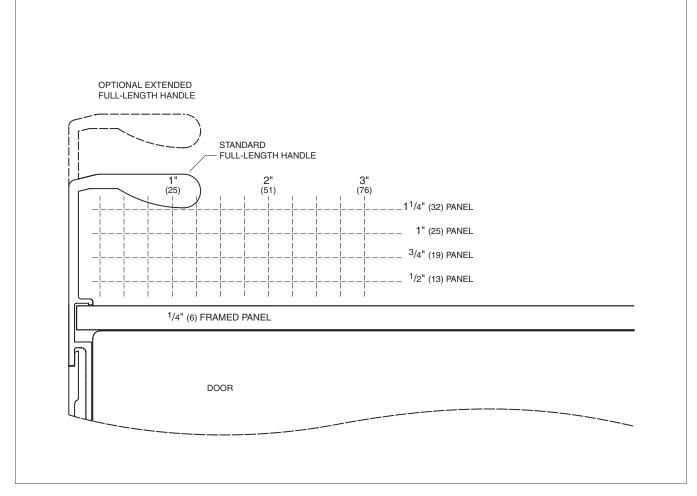
Optional stainless steel tubular and pro handles are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

Refer to the chart below for standard handle lengths for built-in 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



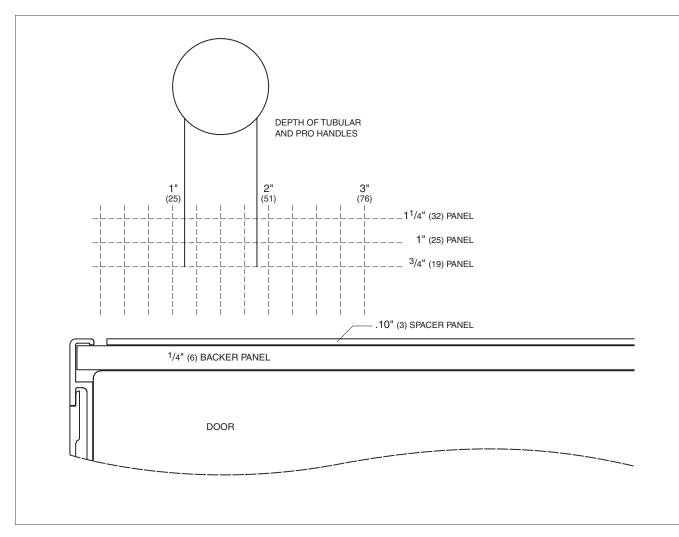
Framed panel thickness.

WINE

Overlay | Flush Inset Panels

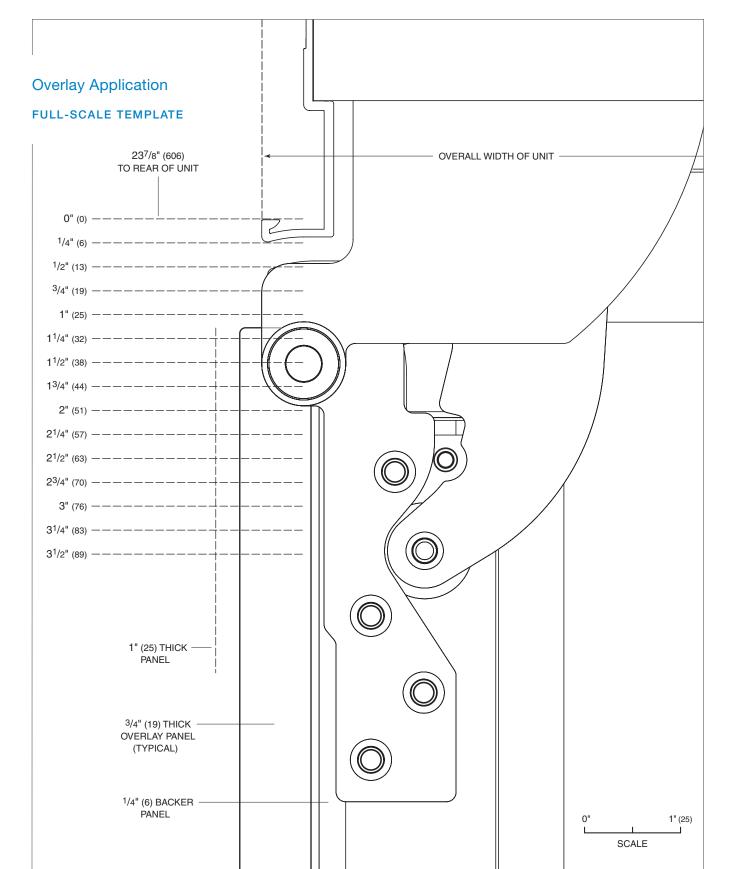
FULL-SCALE TEMPLATE

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

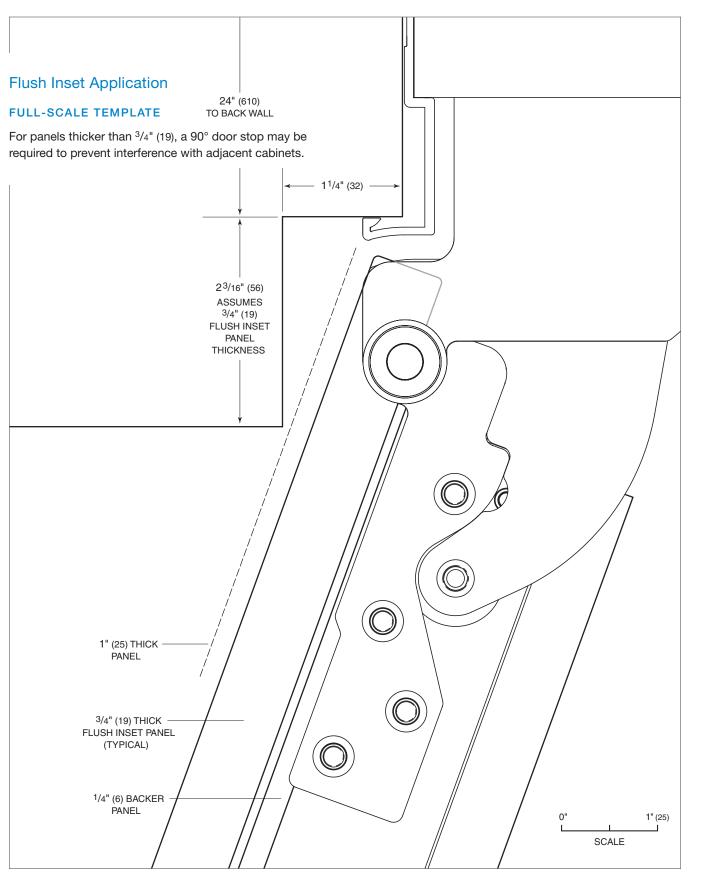


Overlay and flush inset panel thickness.

BUILT-IN REFRIGERATION

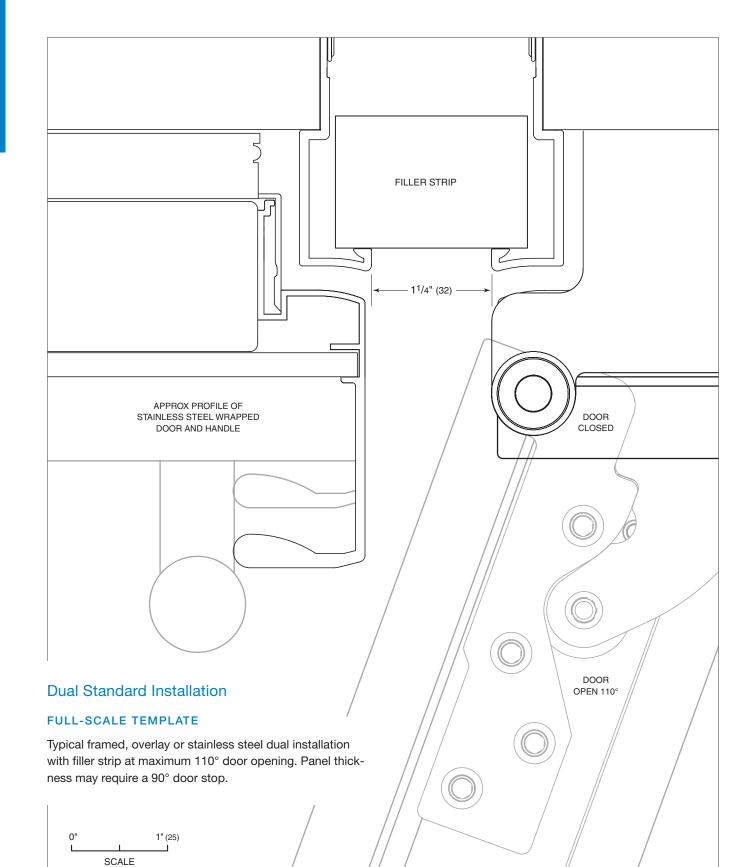


90° door opening (top view).



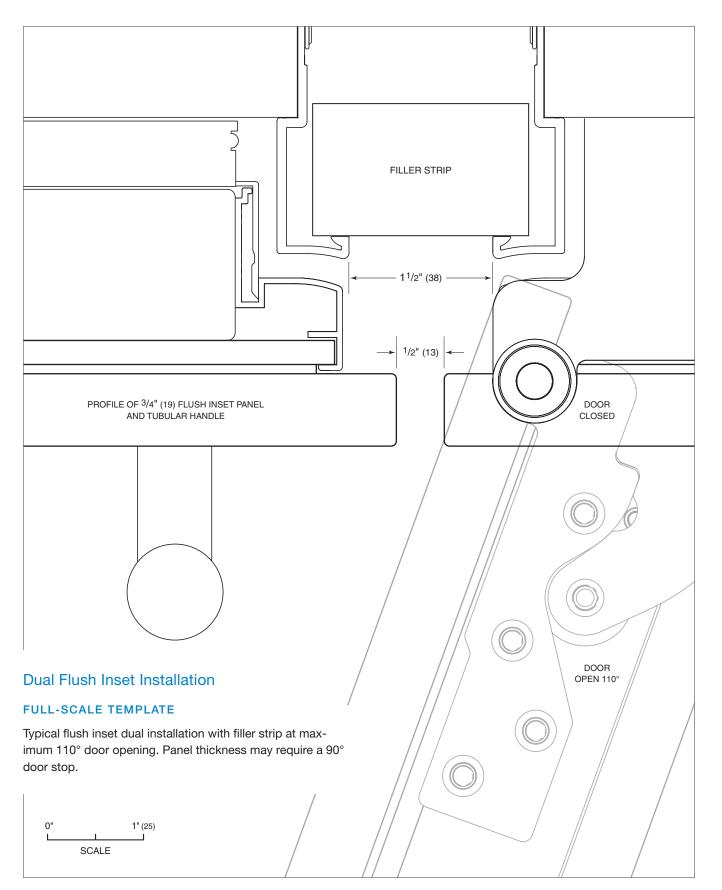
 110° door opening (top view).

BUILT-IN REFRIGERATION



Dual standard installation (top view).

WINE



Dual flush inset installation (top view).

PRO 48

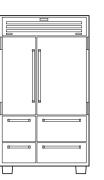
INTEGRATED



PRO 48 Refrigeration

Freshness finds unmistakable expression in the Sub-Zero PRO 48. An 800-pound monument to food preservation equal parts sculpted metal design statement and culinary secret weapon. Its vast interior, like its bold exterior, is crafted of stainless steel. The PRO 48 is available with or without a glass door and may be either built in or freestanding.

PRO 48 MODELS





648PRO

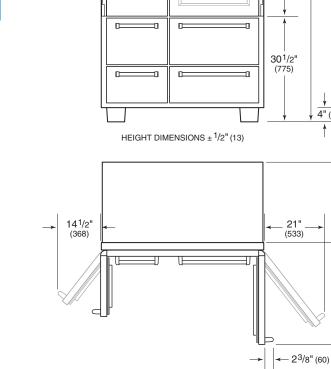
648PROG

Overall Dimensions

48" (1219) -

PRO 48

WINE



Model 648PRO, 648PROG.

SPECIFICATIONS

← 25⁷/8" (657) →

84" (2134)

 \subset

 \subset

↓ 4" (102) t

23⁷/8" (606)

30³/4" (781)

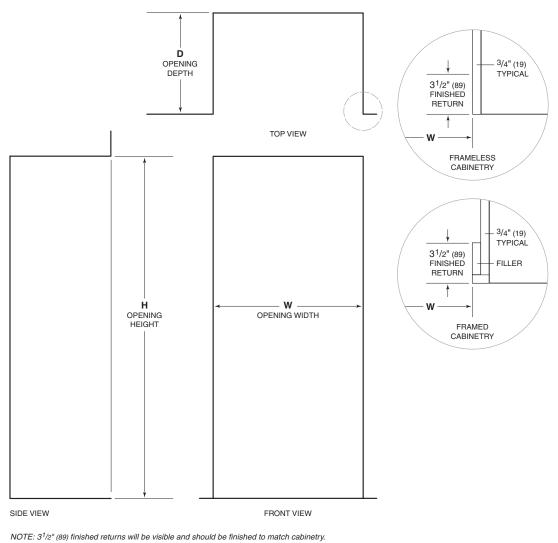
- 30³/16" (767) —

42¹/8" (1070)

INTERIOR CAPACITY	R CU FT (L)	F CU FT (L)
648PRO	18.4 (521)	11.7 (331)
648PROG	18.4 (521)	11.7 (331)
SHIPPING WEIGHT		LB (KG)
648PRO		860 (390)
648PROG		875 (397)



STANDARD | FLUSH INSTALLATION



OPENING DI	MENSIONS W		H D
Standard	47 ¹ /2" (1206)	83 ³ /4" (212	7) 24" (610)
Flush	48" (1219)	84 ¹ /8" (213	7) 26" (660)

For standard built-in installations, the face frame of the unit will extend 2" (51) beyond cabinetry. For flush installations, the front of the face frame will be flush with surrounding cabinetry.

INTEGRATED

WINE

Electrical

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

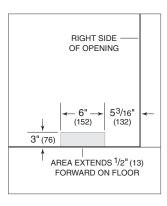
The water supply line should be located within the shaded area shown in the illustration below. The water supply line should be connected to the house supply with an easily accessible shut-off valve. Do not use self-piercing valves. The water supply line must not interfere with installation of the anti-tip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

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.

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 PRO 48 models.

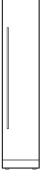
HANDLE LENGTH	TUBULAR	PRO
Door	NA	27 ¹¹ /16" (703)
Refrigerator Drawer	NA	19 ¹⁵ / ₁₆ " (506)
Freezer Drawer	NA	11 ⁹ /16" (294)



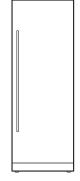
Integrated Refrigeration

With custom front panels and hardware, Sub-Zero integrated columns, tall and drawer models disappear into the decor. Integrated units fit flush with cabinetry, making integrated refrigeration as practical and beautiful in the master suite, bar or theatre room as in the kitchen. Model ID-24RO, approved for outdoor installations, is ideal for any outdoor kitchen.

COLUMN MODELS



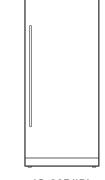




IC-18FI

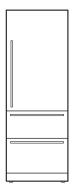
IC-24R IC-24FI IC-24C(I)

IC-30R(ID) IC-30FI



IC-36R(ID) IC-36FI

TALL MODELS





IT-30R(ID) IT-30FI IT-30CI(ID)

IT-36R(ID) IT-36CI(ID)

DRAWER MODELS



ID-24R ID-24F(I) ID-24RO



ID-27R



ID-30R(P) ID-30F(I) ID-30C(I)



ID-36R(P) ID-36C(I)

Specifications

INTERIOR	CAPACITY-CU FT (I	_)
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COLUMN	REFR	FRZR
IC-18FI		8.4 (238)
IC-24R	12.9 (365)	
IC-24FI		12.3 (348)
IC-24C(I)	8.0 (227)	3.1 (88)
IC-30R(ID)	17.3 (490)	
IC-30FI		15.3 (433)
IC-36R(ID)	21.4 (606)	
IC-36FI		20.0 (566)
TALL	REFR	FRZR
IT-30R(ID)	16.5 (467)	
IT-30FI		15.1 (428)
IT-30CI(ID)	10.6 (300)	5.0 (142)
IT-36R(ID)	20.5 (580)	
IT-36CI(ID)	13.3 (377)	6.4 (181)
DRAWER	REFR	FRZR
ID-24R	4.0 (113)	
ID-24F(I)		3.8 (108)
ID-24RO	4.0 (113)	
ID-27R	4.6 (130)	
ID-30R(P)	5.2 (147)	
ID-30F(I)		4.9 (139)
ID-30C(I)	3.0 (85)	2.0 (57)
ID-36R(P)	6.6 (187)	
ID-36C(I)	3.4 (96)	2.5 (71)

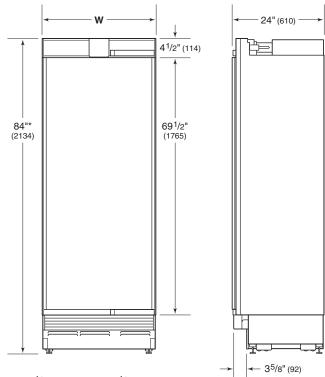
SHIPPING WEIGHT

COLUMN	LB (KG)
18" Column	260 (118)
24" Column	340 (154)
30" Column	400 (181)
36" Column	440 (200)
TALL	LB (KG)
30" Tall	400 (181)
36" Tall	460 (209)
DRAWER	LB (KG)
24" Drawer	170 (77)
27" Drawer	190 (86)
30" Drawer	210 (95)
36" Drawer	250 (113)

IMPORTANT NOTE: Overall dimensions do not include panels or handles. Dimensions will vary with panel thickness.

Overall Dimensions

COLUMN

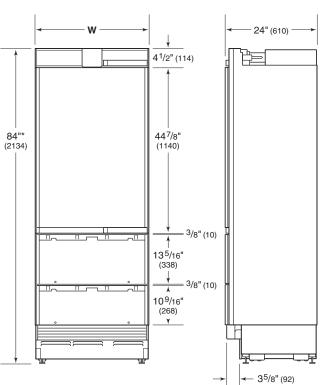


 $^{*}83^{1/2^{\prime\prime}}$ (2121) MIN TO $84^{1/2^{\prime\prime}}$ (2146) MAX

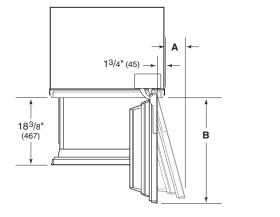
COLUMN	W	Α	В
18" Column	18" (457)	21/2" (64)	16 ¹ /2" (419)
24" Column	24" (610)	4" (102)	22 ¹ /2" (572)
30" Column	30" (762)	5 ⁵ /8" (143)	28 ¹ /2" (724)
36" Column	36" (914)	7 ¹ /4" (184)	34 ¹ /2" (876)

Overall Dimensions

TALL

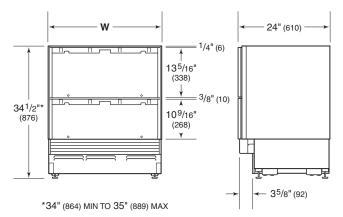


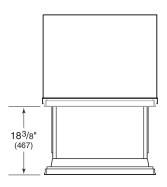
 $^{*}83^{1/2"}$ (2121) MIN TO $84^{1/2"}$ (2146) MAX



TALL	w	Α	В
30" Tall	30" (762)	5 ⁵ /8" (143)	281/2" (724)
36" Tall	36" (914)	71/4" (184)	341/2" (876)

DRAWER





W
24" (610)
27" (686)
30" (762)
36" (914)

PRO 48

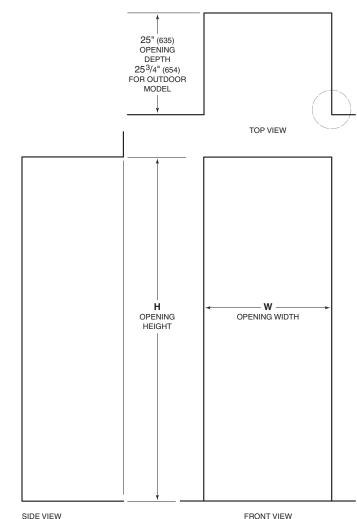
NTEGRATED

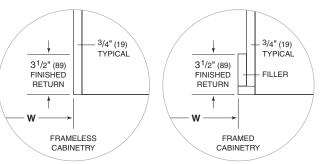
ш

NIN

Opening Dimensions

INTEGRATED





NOTE: $3^{1/2}$ " (89) finished returns will be visible and should be finished to match cabinetry— $4^{1/2}$ " (114) for outdoor model.

OPENING DIMENSIONS

W*	н
18" (457)	84" (2134)
24" (610)	84" (2134)
30" (762)	84" (2134)
36" (914)	84" (2134)
W*	Н
24" (610)	34 ¹ /2" (876)
27" (686)	34 ¹ /2" (876)
30" (762)	34 ¹ /2" (876)
36" (914)	34 ¹ /2" (876)
	18" (457) 24" (610) 30" (762) 36" (914) W* 24" (610) 27" (686) 30" (762)

*For stainless steel side panel accessory, add 1" (25) per panel to opening width.

The depth of each integrated model is 24" (610). Allow for panel thickness when planning the finished opening depth. A minimum $3^{1}/2^{"}$ (89) finished return is required on all sides of the opening $-4^{1}/2^{"}$ (114) for outdoor model. Framed cabinets will require additional finished filler material behind the face frame for a proper installation. Refer to the illustration.

DUAL INSTALLATION

When installing two units side by side in a dual installation, the opening width is the width of the two units added together. A dual installation kit will be required for this installation. If a dual installation kit is not specified, a minimum $2^{"}$ (51) filler strip is required between units.

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.

Electrical

The electrical supply must be located within the shaded area shown in the illustration and chart below. A separate circuit servicing only this appliance is required.

IMPORTANT NOTE: For outdoor model ID-24RO, a ground fault circuit interrupter (GFCI) is required to reduce the risk of electrical shock. A GFCI is not recommended for use with indoor models and may cause interruption of operation.

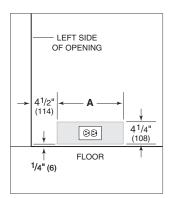
The electrical outlet must be positioned with the grounding prong to the right of the thinner blades.

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	А
18" Model	6" (152)
24" Model	91/2" (241)
27" Model	11" (279)
30" Model	12 ¹ /2" (318)
36" Model	15 ¹ /2" (394)



Electrical supply location.

Plumbing

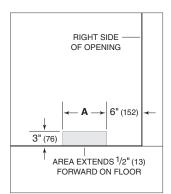
The water supply line should be located within the shaded area shown in the illustration below. The water supply line should be connected to the house supply with an easily accessible shut-off valve. Do not use self-piercing valves. The water supply line must not interfere with installation of the anti-tip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

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, braidec less steel or PEX		
Pressure	35–120 psi (2.4–8.3 ba	
Excess Line for Connection	36" (914)	
WATER SUPPLY LOCATION	A	
18" Model	3" (76)	
24" Model	51/2" (140	
6' Model 6'		
36" Model		



Water supply location.

BUILT-IN

40

PRO

Stainless Steel Panels

The outdoor model requires the use of Sub-Zero stainless steel outdoor accessory panels. Stainless steel panels are available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

The thickness of indoor stainless steel panels is 3/4" (19) and outdoor stainless steel panels are $1^{1}/2"$ (38). The depth of each integrated model is 24" (610). Allow for panel thickness when planning the finished opening depth.

Reveals of 1/8" (3) are typical, however, the reveal between the upper and lower outdoor stainless steel panels is 1/4" (6) to accommodate the lock.

Custom Panels

For integrated models, custom door panels and handle hardware must be provided. Refer to the panel requirements chart and typical panel dimensions.

The thickness of the custom panel can vary. A minimum 5/8" (16) thick panel is required, but the thickness can be increased provided it does not exceed the weight limit. The depth of each integrated model is 24" (610). Allow for panel thickness when planning the finished opening depth. Refer to the full-scale template on page 55.

A CAUTION

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

Finish all sides of custom panels. They will be visible when the door/drawer is open.

D-style handles are recommended. Door handles must be located near the edge of the panel opposite the hinge and should be centered top to bottom. Drawer handles must be located near the top edge of each panel. 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.

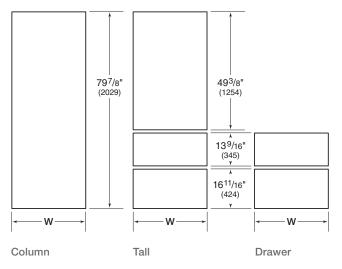
PANEL REQUIREMENTS

MAX
45 lb (20 kg)
60 lb (27 kg)
75 lb (34 kg)
75 lb (34 kg)
MAX
50 lb (22 kg)
60 lb (27 kg)
15 lb (7 kg)
MIN
⁵ /8" (16)

INTEGRATED

Custom Panels

TYPICAL PANEL DIMENSIONS



Typical panel dimensions are based on an 84" (2134) finished height for column and tall models and $34^{1}/2$ " (876) for drawer models, with a 4" (102) toe kick and 1/8" (3) reveals. Panel dimensions must be adjusted accordingly for all other installations. Refer to the illustration for panel heights and the chart below for panel widths.

PANEL WIDTH	w
18" Model	17 ³ /4" (451)
24" Model	23 ³ /4" (603)
27" Model	26 ³ /4" (679)
30" Model	29 ³ /4" (756)
36" Model	35 ³ /4" (908)

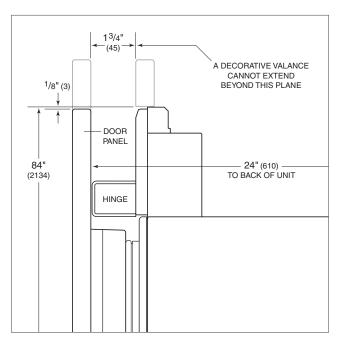
DUAL INSTALLATION

For dual installations, refer to the illustration for panel heights and the chart below for panel widths.

PANEL WIDTH	w
18" Model	17 ¹³ /16" (452)
24" Model	23 ¹³ /16" (605)
27" Model	26 ^{13/} 16" (681)
30" Model	29 ¹³ /16" (757)
36" Model	35 ¹³ /16" (910)

DOOR PANEL HEIGHT

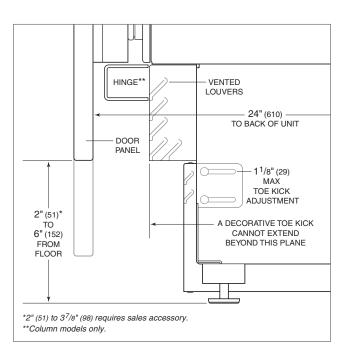
The height of the custom door panel can extend beyond the typical panel height, provided it does not exceed the weight limit. Refer to the illustration below.



Upper valance-column and tall (side view).

TOE KICK CLEARANCE (EXCLUDES OUTDOOR MODEL)

The height of the toe kick area can extend beyond the typical toe kick height, provided it does not exceed the dimensions in the illustration below. Toe kick heights from $2^{"}$ (51) to $3^{7}/8^{"}$ (98) require a reduced toe kick accessory 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.



Toe kick (side view).

РВО

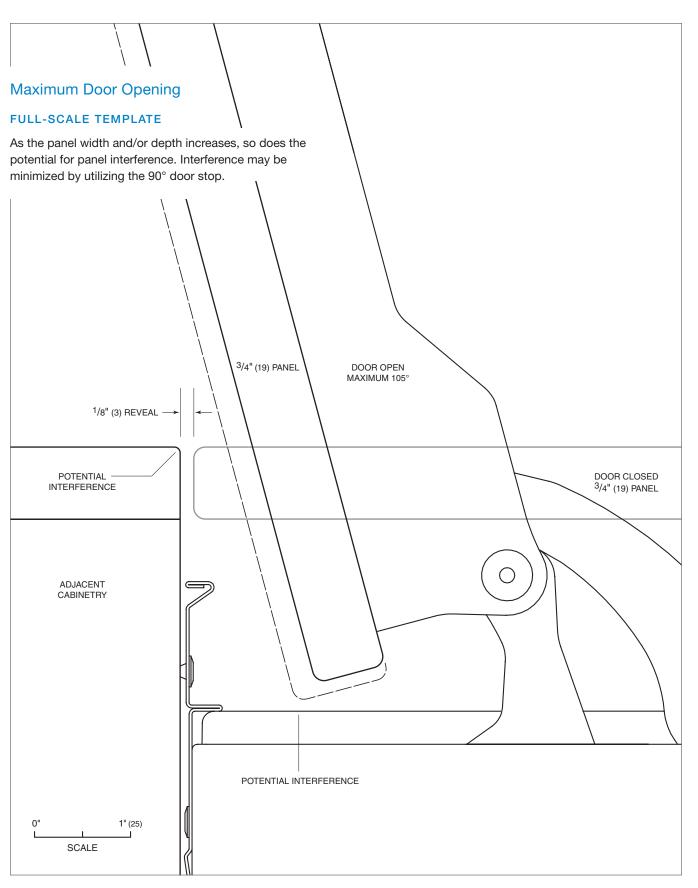
WINE

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 integrated models.

HANDLE LENGTH	TUBULAR	PRO
Column Door	50 ¹ /8" (1273)	48 ³ /8" (1229)
Tall Door	33 ¹ /4" (845)	311/2" (800)
24" Drawer	21 ¹ /4" (540)	19 ¹ /2" (495)
27" Drawer	24 ¹ /4" (616)	22 ¹ /2" (572)
30" Drawer	27 ¹ /4" (692)	25 ¹ /2" (648)
36" Drawer	33 ¹ /4" (845)	311/2" (800)



Maximum door opening (top view).



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





424G

UW-24





IW-18

IW-24



424FSG

IW-30R

00

UW-24FS





WS-30



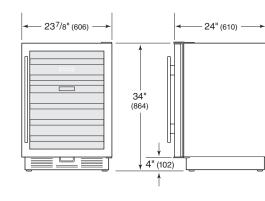
BW-30

PRO 48

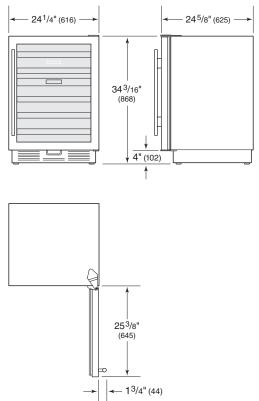
PR0 48

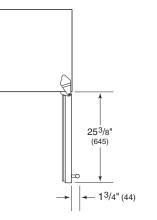
Overall Dimensions

MODEL 424G | UW-24



MODEL 424FSG | UW-24FS





SPECIFICATIONS

STORAGE CAPACITY	BOTTLES*
424G, UW-24	46
424FSG, UW-24FS	46
SHIPPING WEIGHT	LB (KG)
424G, UW-24	195 (88)
424FSG, UW-24FS	220 (100)
*750 // ///	

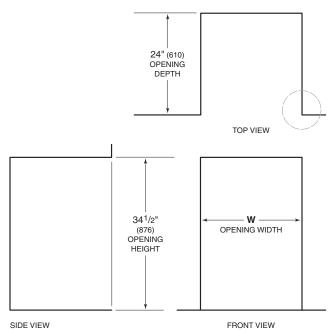
*750 ml bottles.

Overall dimensions for models 424G and UW-24 are based on the stainless steel models. Refer to page 81 for door clearance information. Freestanding models 424FSG and UW-24FS have a finished stainless steel exterior and handle.

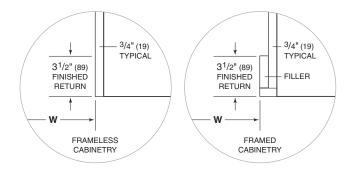
INTEGRATED

Opening Dimensions

MODEL 424G | UW-24



NOTE: 3¹/2" (89) finished returns will be visible and should be finished to match cabinetry.

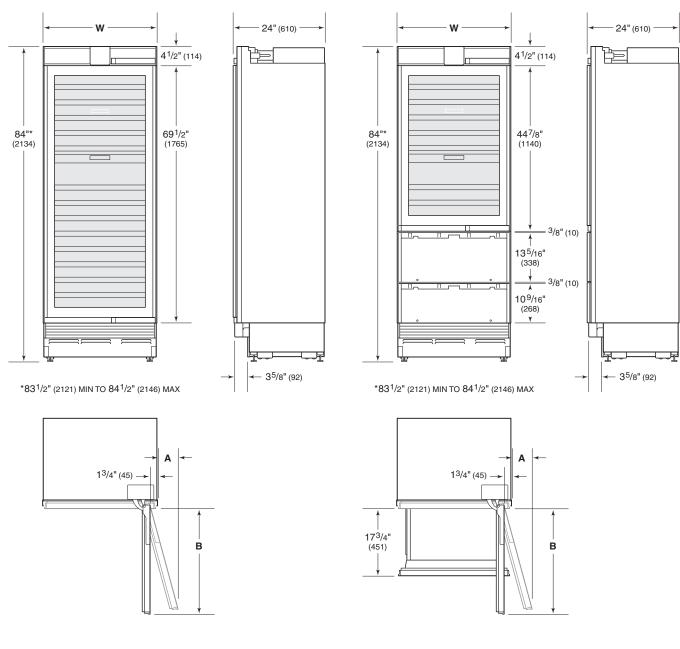


OPENING WIDTH	W
424G, UW-24	24" (610)
DUAL OPENING WIDTH	w
Two 24" Models	48 ¹ /8" (1222)

Dual installation kit required.

Overall Dimensions

COLUMN



TALL

COLUMN	w	Α	В
IW-18	18" (457)	21/2" (64)	16 ¹ /2" (419)
IW-24	24" (610)	4" (102)	22 ¹ /2" (572)
IW-30	30" (762)	5 ⁵ /8" (143)	28 ¹ /2" (724)

TALL	w	Α	В
IW-30R	30" (762)	5 ⁵ /8" (143)	28 ¹ /2" (724)

IMPORTANT NOTE: Overall dimensions do not include panels or handles. Dimensions will vary with panel thickness.

PR0 48

Specifications

STORAGE CAPACITY

	BOTTLES*
	59
	102
	146
REFR	BOTTLES*
4.0 cu ft (113 L)	86

*750 ml bottles.

SHIPPING WEIGHT

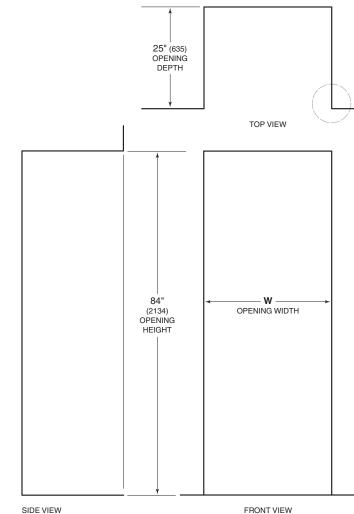
COLUMN	LB (KG)
IW-18	350 (159)
IW-24	410 (186)
IW-30	460 (209)
TALL	LB (KG)
IW-30R	490 (222)

40 РВО

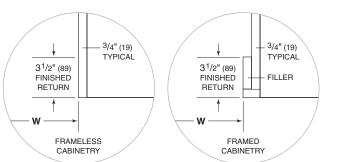
NTEGRATED

Opening Dimensions

INTEGRATED WINE STORAGE



OIDL		



NOTE: 3 ¹ /2" (89) finished returns will be visible and sh	hould be finished to match cabinetry.
---	---------------------------------------

OPENING DIMENSIONS	W*
18" Column	18" (457)
24" Column	24" (610)
30" Column Tall	30" (762)

*For stainless steel side panel accessory, add 1" (25) per panel to opening width.

The depth of each integrated (IW) model is 24" (610). Allow for panel thickness when planning the finished opening depth. A minimum 31/2" (89) finished return is required on all sides of the opening. Framed cabinets will require additional finished filler material behind the face frame for a proper installation. Refer to the illustration.

DUAL INSTALLATION

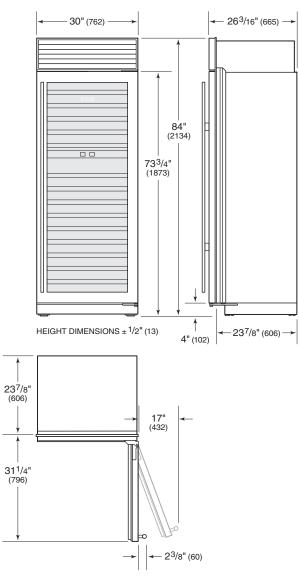
The unit can be installed next to an integrated refrigeration model or another integrated wine storage model in a dual installation. When installing two units side by side, the opening width is the width of the two units added together. A dual installation kit will be required for this installation. If a dual installation kit is not specified, a minimum 2" (51) filler strip is required between units.

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.

WINE

Overall Dimensions

MODEL WS-30 | BW-30



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

SPECIFICATIONS

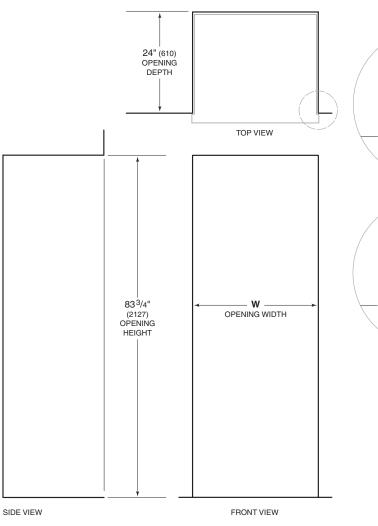
BOTTLES*	TORAGE CAPACITY
147	/S-30
146	W-30
LB (KG)	HIPPING WEIGHT
445 (202)	/S-30
445 (202)	W-30

PRO 48

BUILT-IN

Opening Dimensions

MODEL WS-30 | 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.

WS-30	29 ¹ /2" (749)
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).

^{3/}4" (19) TYPICAL

^{3/}4" (19) TYPICAL

FILLER

3¹/2" (89) FINISHED

RETURN

3¹/2" (89) FINISHED

RETURN

w

w

FRAMELESS CABINETRY

FRAMED

CABINETRY

w

If two units are installed side by side, refer to page 66 for dual standard installations.

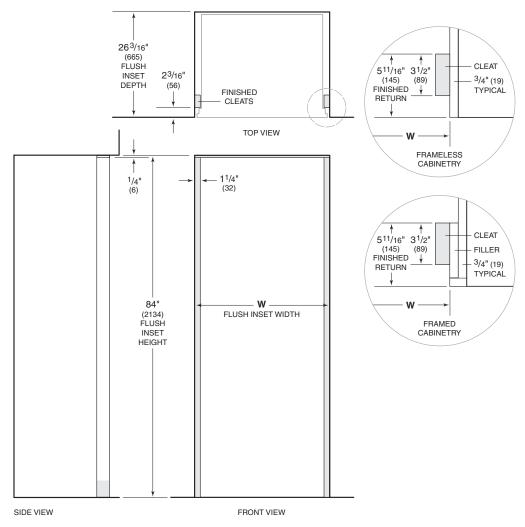
WINE

INTEGRATED

WINE

Opening Dimensions

MODEL WS-30 | 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
WS-30	32" (813)
BW-30	32" (813)

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 67 for dual flush inset installations.

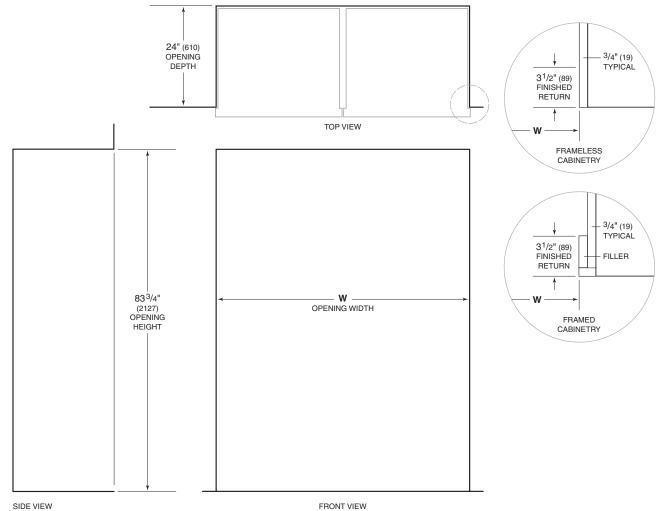
PR0 48

INTEGRATED

WINE

Opening Dimensions

MODEL WS-30 | BW-30 DUAL STANDARD INSTALLATION



NOTE: 31/2" (89) finished returns will be visible and should be finished to match cabinetry.

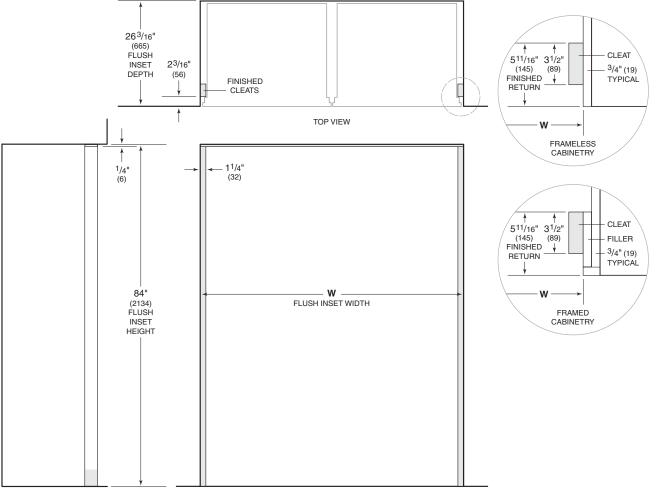
Shaded line represents profile of unit.

DUAL OPENING WIDTH	W
WS-30 and 30" Built-In Model	59 ³ /4" (1518)
BW-30 and 30" Built-In Model	59 ³ /4" (1518)
WS-30 and 36" Built-In Model	65 ³ /4" (1670)
BW-30 and 36" Built-In Model	65 ³ /4" (1670)

A dual installation kit will be required for this installation.

Opening Dimensions

MODEL WS-30 | BW-30 DUAL FLUSH INSET INSTALLATION



SIDE VIEW

FRONT VIEW

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

Dimensions assume a 3/4" (19) panel thickness. A dual installation kit will be required for this installation. 40

РВО

Electrical

The electrical supply must be located within the shaded area shown in the illustration for your specific model. For integrated (IW) models, also refer to the chart. 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 the unit will be connected to a home security system, allow 36" (914) of excess wiring for proper connection.

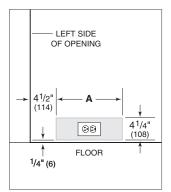
IMPORTANT NOTE: For integrated and undercounter models, the electrical outlet must be positioned with the grounding prong to the right of the thinner blades.

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 LOCATION – INTEGRATED A 18" Model 6" (152) 24" Model 91/2" (241) 30" Model 121/2" (318)



Integrated models.

7"

(178)

75¹/2" (1918) FROM FLOOR

RIGHT SIDE OF OPENING

Е

6" (152)

Model WS-30, BW-30.

Custom Panels

For framed, overlay, integrated and flush inset applications, a custom door panel must be provided. Handle hardware must also be provided for overlay, integrated and flush inset applications. Refer to 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 models WS-30 and 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.

Models 424FSG and UW-24FS have a finished stainless steel exterior that is designed to be used in a freestanding application.

Custom Panel-424G | UW-24

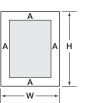
For models 424G and UW-24, the custom door panel will attach directly to the door frame with screws through a series of pre-drilled holes.

Refer to the charts for panel requirements and dimensions.

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
424G, UW-24	10 lb (5 kg)
PANEL THICKNESS	MIN
424G, UW-24	⁵ /8" (16)

OVERLAY PANEL DIMENSIONS



424G, UW-24

PANEL DIMENSIONS

PANEL	W	н
424G, UW-24	23 ³ /4" (603)	30 ¹ /16" (764)
STILES RAILS		Α
Minimum		2 ¹ /4" (57)

DOOR CLEARANCE

Models 424G and UW-24 can be installed flush with surrounding cabinetry. Depending on the thickness of the overlay door panel, it may be necessary to install the unit 1/4" (6) beyond the front surface of adjacent cabinetry to prevent interference when the door is opened to 145°. Refer to the full-scale template on page 81.

40

РВО

Custom Panel-Integrated

For integrated (IW) models, a custom door panel and handle hardware must be provided. Refer to the panel requirements chart and typical panel dimensions.

Do not install a solid panel on the glass door unit. A solid door is available as a sales accessory through an authorized Sub-Zero dealer.

The thickness of the custom panel can vary. A minimum 5/8" (16) thick panel is required, but the thickness can be increased provided it does not exceed the weight limit. The depth of each integrated model is 24" (610). Allow for panel thickness when planning the finished opening depth. Refer to the full-scale template on page 55.

Finish all sides of custom panels. They will be visible when the door/drawer is open.

PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
Door Frame (column)	35 lb (16 kg)
Door Frame (tall)	25 lb (11 kg)
Drawer Panel (tall)	15 lb (7 kg)
PANEL THICKNESS	MIN
All Panels	⁵ /8" (16)

A CAUTION

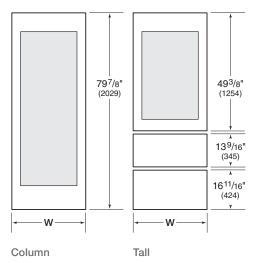
As reveals between cabinetry and the unit decrease, severe finger pinching can occur while door is closing.

D-style handles are recommended. Door handles must be located near the edge of the panel opposite the hinge and should be centered top to bottom. Drawer handles must be located near the top edge of each panel. 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.

INTEGRATED

Custom Panel-Integrated

TYPICAL PANEL DIMENSIONS



Typical panel dimensions are based on an 84" (2134) finished height, 4" (102) toe kick and 1/8" (3) reveals. Panel dimensions must be adjusted accordingly for all other installations. Refer to the illustration for panel height and the chart below for panel width.

PANEL WIDTH

MODEL	w
18" Model	17 ³ /4" (451)
24" Model	233/4" (603)
30" Model	29 ³ /4" (756)
STILES RAILS	MIN
Stiles	31/4" (83)
Top Rail	7 ³ /4" (197)
Bottom Rail (column)	9 ¹ /2" (241)
Bottom Rail (tall)	4 ¹ /2" (114)

DUAL INSTALLATION

For dual installations, refer to the illustration for panel height and the chart below for panel width.

PANEL WIDTH

MODEL	W
18" Model	17 ¹³ /16" (452)
24" Model	23 ¹³ /16" (605)
30" Model	29 ¹³ /16" (757)

40

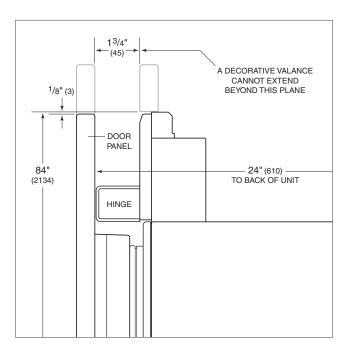
РВО

INTEGRATED

Custom Panel-Integrated

DOOR PANEL HEIGHT

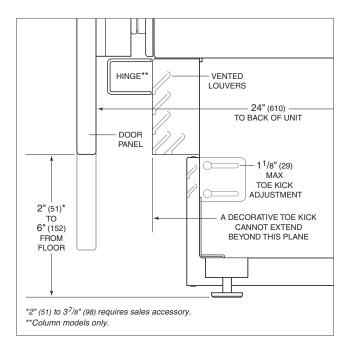
The height of the custom door panel can extend beyond the typical panel height, provided it does not exceed the weight limit. Refer to the illustration below.



Upper valance (side view).

TOE KICK CLEARANCE

The height of the toe kick area can extend beyond the typical toe kick height, provided it does not exceed the dimensions in the illustration below. Toe kick heights from 2" (51) to 37/8" (98) require a reduced toe kick accessory 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.



Toe kick (side view).

Custom Panel-WS-30 | BW-30

FRAMED

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

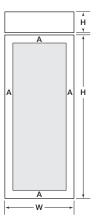
If the custom panel is thinner than $^{1}/_{4}$ " (6), a filler material must be added to achieve a proper fit. If the panel is thicker than $^{1}/_{4}$ " (6), rout an edge around the panel or mount the custom panel on a sheet of $^{1}/_{4}$ " (6) thick material and insert into the channel.

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	МАХ
Door	75 lb (34 kg)
Grille (optional)	13 lb (6 kg)
PANEL THICKNESS	MIN
Framed	1/4" (6)

FRAMED PANEL DIMENSIONS



WS-30, BW-30

PANEL DIMENSIONS

W	н
29 ³ /4" (756)	69 ⁹ /16" (1767)
29 ³ /4" (756)	8 ¹⁵ /16" (227)
	A
	3 ³ /16" (81)
	29 ³ /4" (756)

BUILT-IN

PRO

400

PRO 48

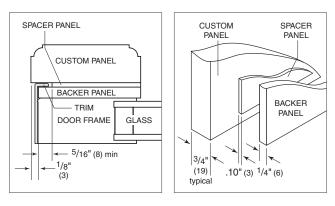
Custom Panel-WS-30 | BW-30

OVERLAY

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 illustrations below.

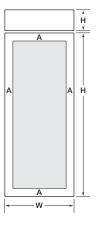
PANEL REQUIREMENTS

WEIGHT PER PANEL	MAX
Door	75 lb (34 kg)
Grille	13 lb (6 kg)
PANEL THICKNESS	MIN
Overlay	⁵ /8" (16)



Panel assembly (cross section). Panel assembly (rear view).

OVERLAY PANEL DIMENSIONS



WS-30, BW-30

OVERLAY PANELS

Minimum		3 ¹ /4" (83)
STILES RAILS		Α
Backer Panel	29 ³ /4" (756)	8 ¹⁵ /16" (227)
Spacer Panel	29 ¹ /8" (740)	8 ⁵ /16" (211)
Overlay Panel	30" (762)	9 ¹ /4" (235)*
GRILLE	W	н
Backer Panel	29 ³ /4" (756)	69 ⁹ /16" (1767)
Spacer Panel	291/8" (740)	68 ¹⁵ /16" (1751)
Overlay Panel	30" (762)	69 ³ /4" (1772)
DOOR	W	Н

*Panel height may be increased by 7/16" (11) to hide upper main frame. Also refer to built-in 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.

INTEGRATED

Custom Panel-WS-30 | BW-30

FLUSH INSET

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

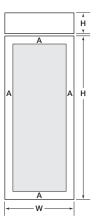
The flush inset design allows custom panels to be installed flush with adjacent cabinets. Similar to overlay, flush inset panels are typically created by combining a $^{3}/_{4}$ " (19) custom panel, a .10" (3) spacer panel and a $^{1}/_{4}$ " (6) backer panel. Refer to the illustrations for overlay panels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

For flush inset panels thicker than 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

MAX
75 lb (34 kg)
13 lb (6 kg)
MIN
⁵ /8" (16)

FLUSH INSET PANEL DIMENSIONS



WS-30, BW-30

FLUSH INSET PANELS

DOOR	W	Н
Flush Inset Panel	31" (787)	69 ³ /4" (1772)
Spacer Panel	29 ¹ /8" (740)	68 ¹⁵ /16" (1751)
Backer Panel	29 ³ /4" (756)	69 ^{9/} 16" (1767)
GRILLE	W	н
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)
STILES RAILS		Α
Minimum		3 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.

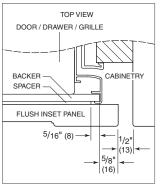
Custom Panel-WS-30 | BW-30

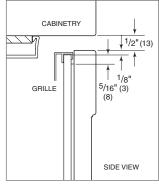
FLUSH INSET PANEL OFFSET

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

PANEL OFFSET

Door Grille Sides	A
Grille Top	В
Grille Bottom Door Top	C
Door Bottom	D

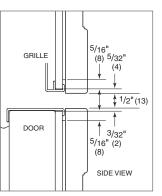


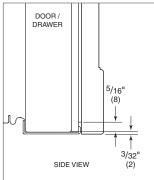




ILLUS









Illus. D

PR0 48

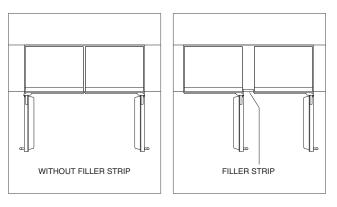
Custom Panel—WS-30 | BW-30

DUAL INSTALLATIONS

A dual installation kit may be required if two models WS-30 or a model WS-30 and built-in unit are installed side by side, or two models BW-30 or a model BW-30 and built-in unit. 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 units. Dual installations without a filler strip can only be accomplished using two 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.

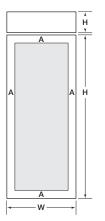
For dual standard installations, panel dimensions are the same as for single installations. Refer to the chart on page 74. Panel dimensions and offsets for dual flush inset installations are listed on the following pages.



Opposite hinges.

Same side hinges.

DUAL FLUSH INSET PANEL DIMENSIONS



WS-30, BW-30

DUAL FLUSH INSET PANELS

DOOR	W	н
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)
GRILLE	W	Н
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)
STILES RAILS		A
Minimum		3 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.

PRO

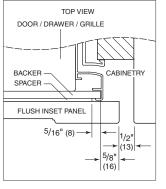
400

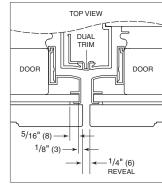
Custom Panel-WS-30 | BW-30

DUAL FLUSH INSET PANEL OFFSET

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

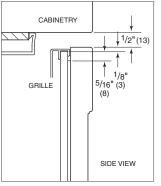
PANEL OFFSET	ILLUS
Door (hinge) Grille Sides	A
Door (handle) Sides	В
Grille Top	С
Grille Bottom Door Top	D
Door Bottom	E

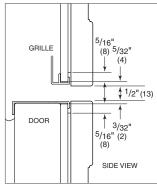




Illus. A

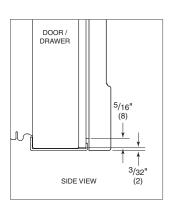
Illus. B







Illus. D



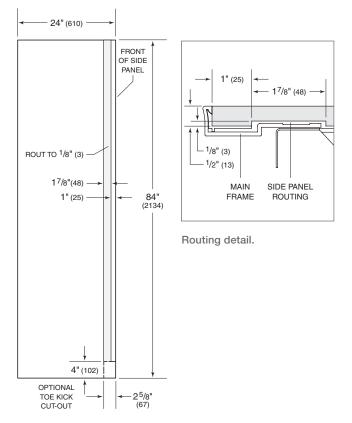
Illus. E

Custom Panel-WS-30 | 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 below.

When installing model WS-30 or BW-30 with a custom side panel, an accessory kit is required. Stainless steel and white enamel side panels are available 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 wine storage models.

HANDLE LENGTH	TUBULAR	PRO
424G, UW-24 Door	24 ¹ /4" (616)	22 ¹ /4" (572)
IW-18, IW-24, IW-30 Door	50 ¹ /8" (1273)	483/8" (1229)
IW-30R Door	331/4" (845)	31 ¹ /2" (800)
IW-30R Drawer	24 ¹ /4" (616)	22 ¹ /2" (572)
WS-30, BW-30 Door	63 ⁷ /8" (1622)	45 ³ /16" (1147)



PRO

40

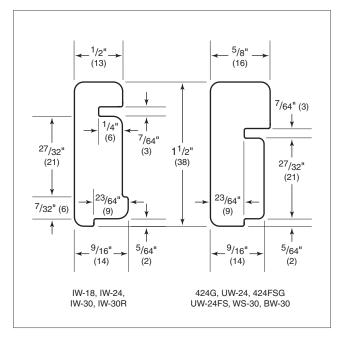
PRO 48

Wine Rack Wood Facing

FULL-SCALE TEMPLATE

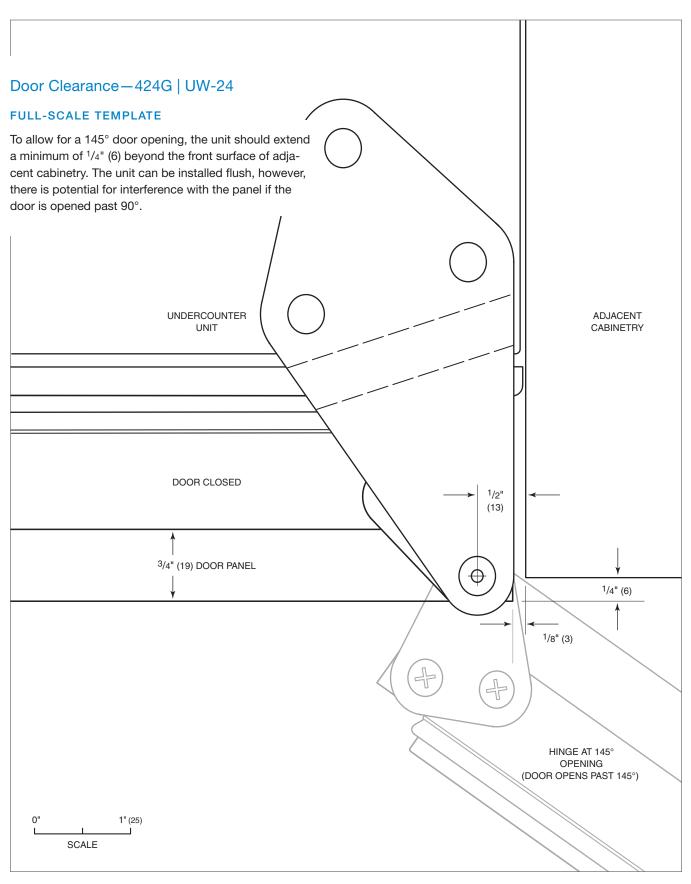
The natural cherrywood facing on wine storage racks can be stained and sealed, or replaced with wood more complementary to surrounding cabinetry. Refer to the full-scale template below for profile dimensions of the wood facing and the chart for width.

WOOD FACING WIDTH	W
424G, UW-24	19 ¹ /2" (495)
424FSG, UW-24FS	19 ¹ /2" (495)
IW-18	11 ⁵ /8" (295)
IW-24	17 ⁵ /8" (448)
IW-30, IW-30R	23 ⁵ /8" (600)
WS-30, BW-30	24 ⁹ /16" (624)



Wine rack wood facing profile.

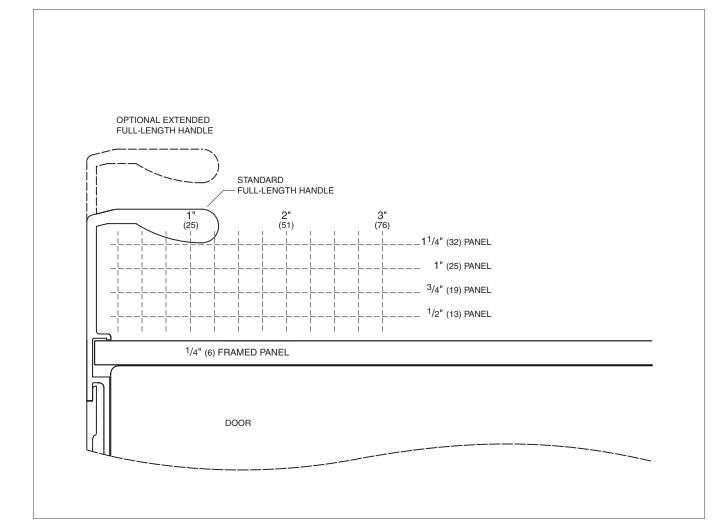
INTEGRATED



145° door opening (top view).

Framed Panel-WS-30 | BW-30

FULL-SCALE TEMPLATE

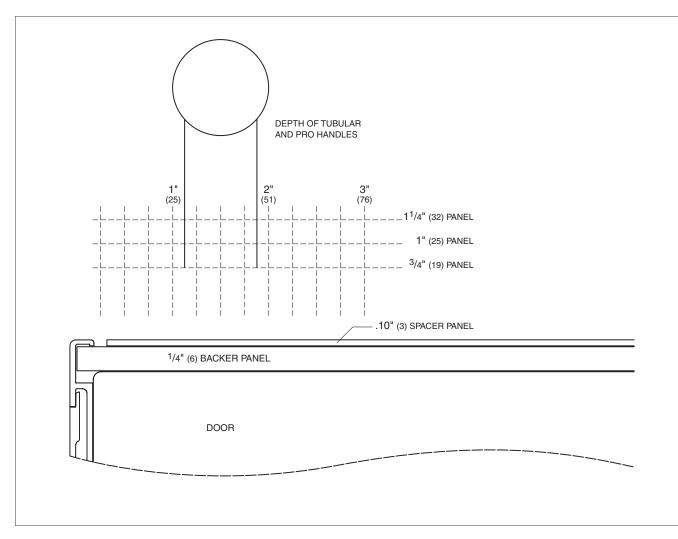


Framed panel thickness.

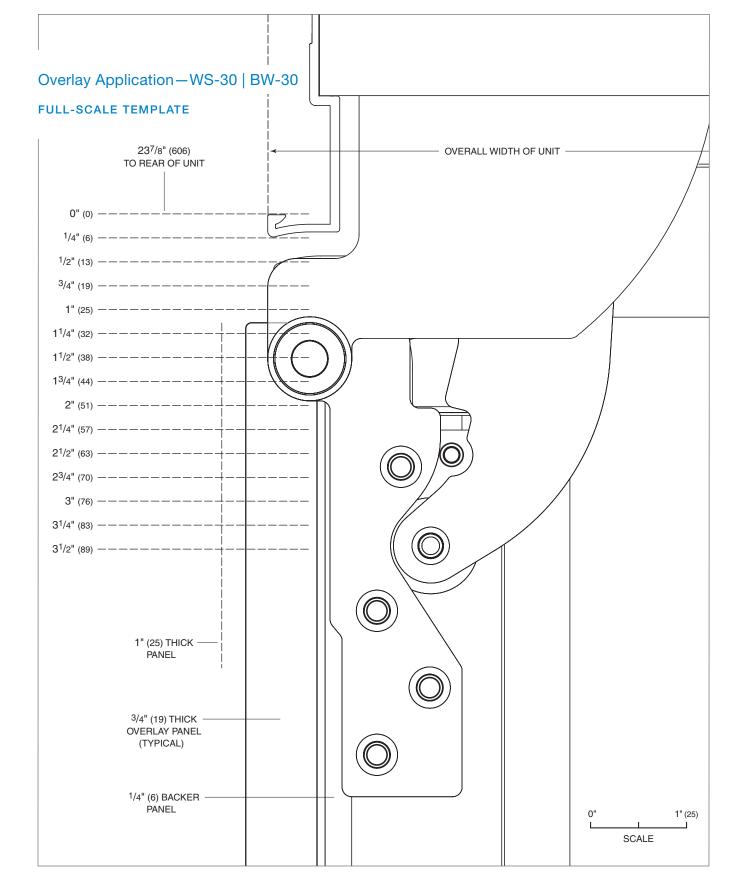
Overlay | Flush Inset Panels-WS-30 | BW-30

FULL-SCALE TEMPLATE

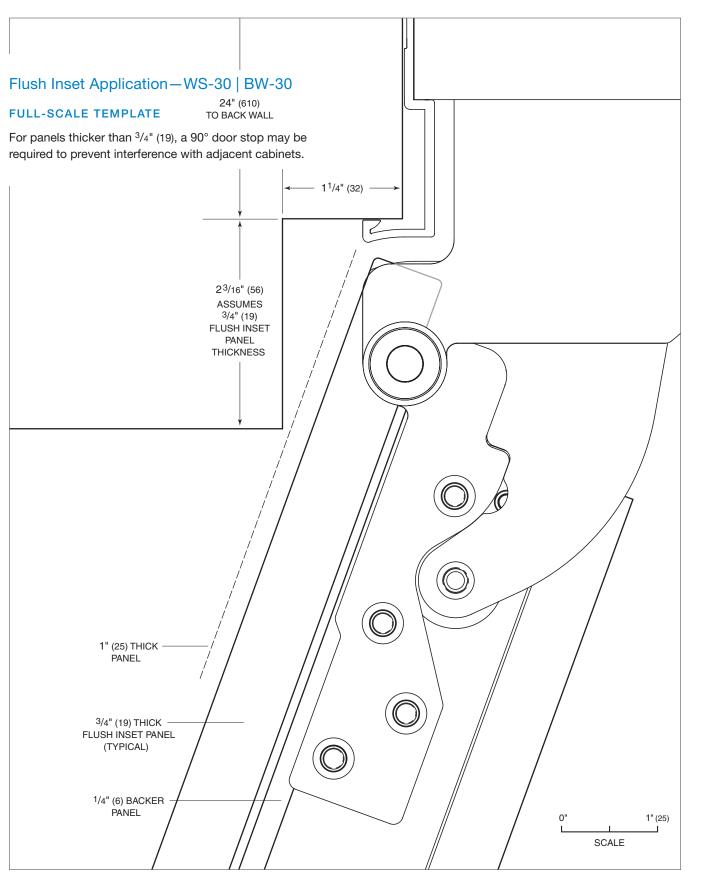
Overlay and flush inset panels must be a minimum of 5/8" (16) thick to support mounting the handle. Panel thickness does not include backer and spacer panel. Mount handle close to the opening edge of the door.



Overlay and flush inset panel thickness.



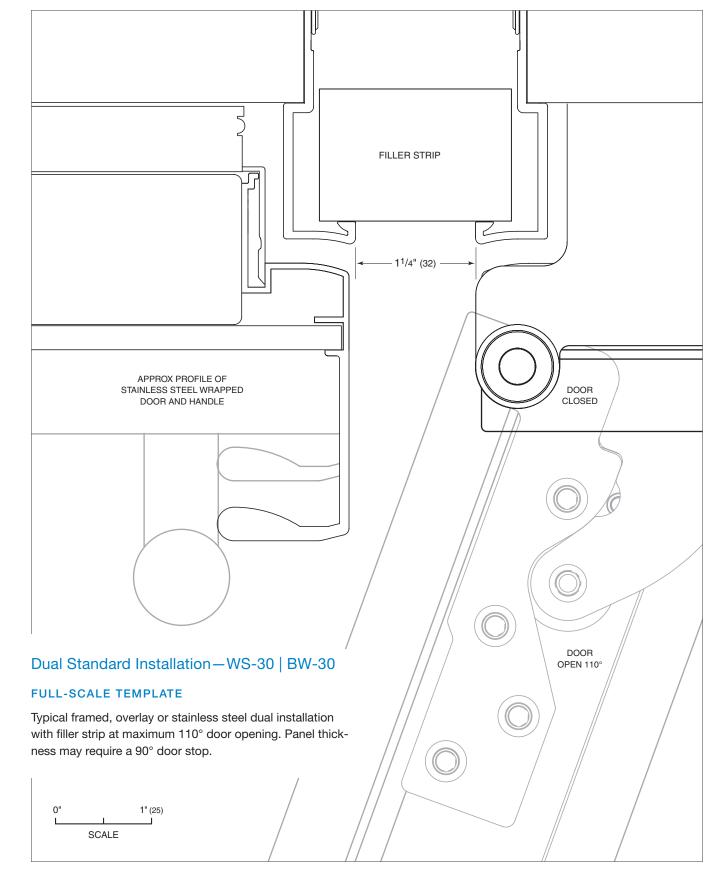
90° door opening (top view).



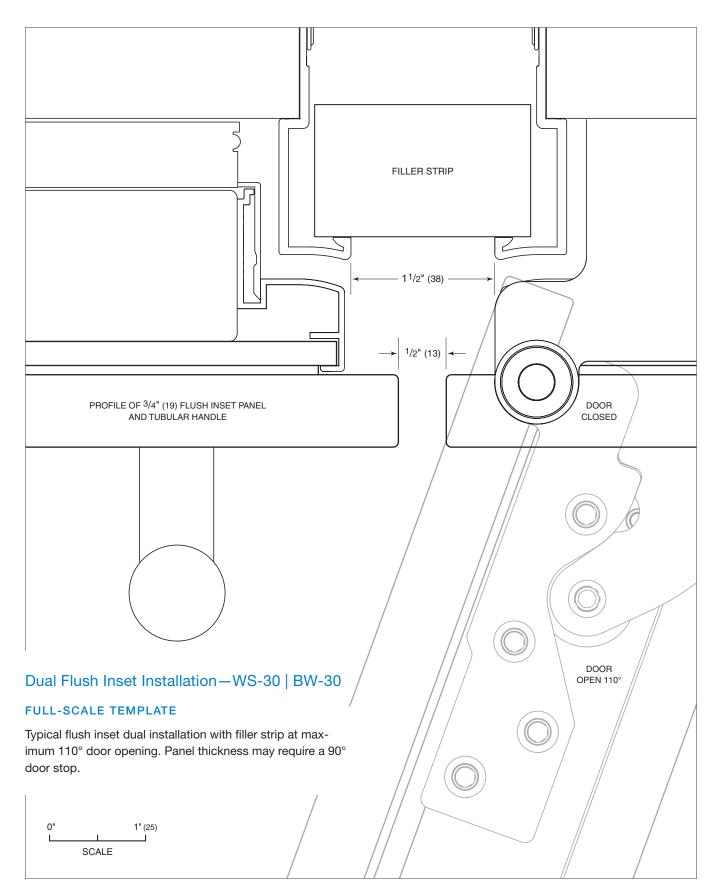
 110° door opening (top view).

UNDERCOUNTER

WINE STORAGE



Dual standard installation (top view).



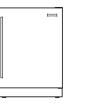
Dual flush inset installation (top view).



Undercounter Refrigeration

Sub-Zero undercounter refrigeration is a helpful addition to a master suite, bar, home office or media room. In the kitchen, a high-volume ice machine is a must for entertaining. The design flexibility of these compact yet roomy units makes them all the more welcome in any room or outdoor kitchen. They are ready to be fitted with a custom cabinet panel or can be ordered with a stainless steel panel.

UNDERCOUNTER MODELS







UC-24R

UC-24BG

UC-24C(I)



UC-24RO

ICE MACHINE MODELS





UC-15I(P)O

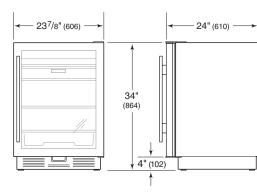
PRO 48

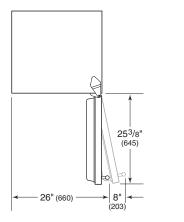
BUILT-IN

PR0 48

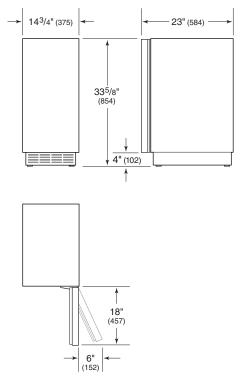
Overall Dimensions

UNDERCOUNTER





ICE MACHINE



SPECIFICATIONS

of Eon fortholdo		
INTERIOR CAPACITY-CU FT (L)	REFR	FRZR
UC-24R, UC-24RO	5.7 (161)	
UC-24BG	6.0 (170)	
UC-24C(I)	3.6 (102)	1.1 (31)
SHIPPING WEIGHT		LB (KG)
24" Model		130 (59)

Refer to page 97 for door clearance information.

SPECIFICATIONS

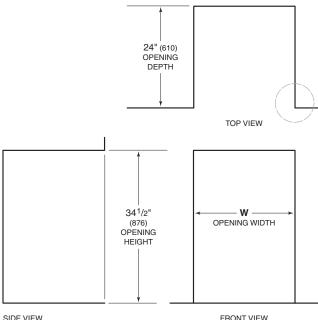
STORAGE CAPACITY	LB (KG)
UC-15I(P), UC-15I(P)O	26 (12)
SHIPPING WEIGHT	LB (KG)
Ice Machine	100 (45)

Model UC-15I overall dimensions do not include panel or handle.

WINE

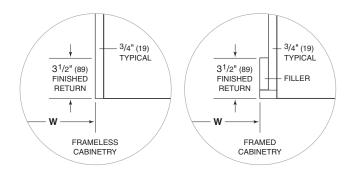
Opening Dimensions

UNDERCOUNTER



SIDE VIEW

NOTE: 31/2" (89) finished returns will be visible and should be finished to match cabinetry.



OPENING WIDTH	W
24" Model	24" (610)
Ice Machine	15 ¹ /4" (387)

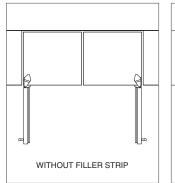
DUAL OPENING WIDTH	W
Two 24" Models	48 ¹ /8" (1222)

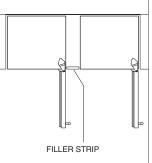
Dual installation kit required.

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 units. Dual installations without a filler strip can only be accomplished using two 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.





Opposite hinges.

Same side hinges.

40

РВО

Electrical

LEFT SIDE OF OPENING

> 15¹/2" (394) 33

FLOOR

3" (76)

1

2" (51)

The electrical supply should be located within the shaded area shown in the illustrations below. A separate circuit servicing only this appliance is required.

IMPORTANT NOTE: For 24" models, the electrical outlet must be positioned with the grounding prong to the right of the thinner blades.

IMPORTANT NOTE: For outdoor models UC-24RO and UC-15I(P)O, a ground fault circuit interrupter (GFCI) is required to reduce the risk of electrical shock. A GFCI is not recommended for use with other undercounter models 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

Ice Machine.

Е

LOCATE ELECTRICAL SUPPLY IN ADJACENT CABINET

Е

WINE

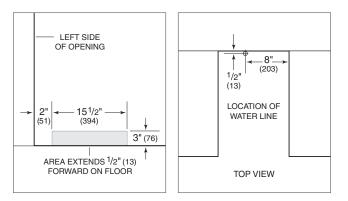
Plumbing

The water supply line should be located within the shaded area shown in the illustrations below. The water supply line should be connected to the house supply with an easily accessible shut-off valve between the supply and the unit. Do not use self-piercing valves. A saddle valve kit is available through an authorized Sub-Zero dealer. For local dealer information, visit the find a showroom section of our website, subzero.com.

IMPORTANT NOTE: A reverse osmosis system can be used provided there is constant water pressure as indicated in the chart below at all times. A copper line is not recommended for this application.

PLUMBING REQUIREMENTS

Water Supply	1/4" OD copper, braided stain-
	less steel or PEX tubing
Pressure (UC-24CI)	20–100 psi (1.4–6.9 bar)
Pressure (UC-15I)	20–80 psi (1.4–5.5 bar)
Excess Line for Connection	36" (914)



Model UC-24CI.

Ice machine.

ICE MACHINE DRAIN

Ice machine models can be ordered with or without a drain pump. Models without a pump will drain water by gravity. A drain must be installed.

The drain and inlet water tubes must be plumbed before connecting to the ice machine. For the gravity drain, horizontal drain lines must have a 1/4" (6) per 12" (305) fall. An air gap will likely be required between the unit and drain. A stand pipe with a trap below is acceptable for the drain.

Custom Panel

For overlay undercounter models, custom door panels and handle hardware must be provided. Refer to the charts for panel requirements and dimensions.

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	МАХ
UC-24R, UC-24C(I)	20 lb (9 kg)
UC-24BG	10 lb (5 kg)
UC-15I(P)	15 lb (7 kg)
PANEL THICKNESS	MIN
All Panels	⁵ /8" (16)

MODEL UC-24BG

For model UC-24BG, the custom door panel will attach directly to the door frame with screws through a series of pre-drilled holes. Refer to the illustration below.

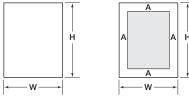
Do not install a solid panel on a glass door unit. A solid door is available as a sales accessory and must be installed if a solid panel is being specified. Service may be required to install the door. Contact an authorized Sub-Zero dealer for more information. Overall dimensions are the same for glass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

PRO

400

Custom Panel

OVERLAY PANEL DIMENSIONS



н

UC-24R, UC-24C(I), UC-24BG UC-15I(P)

PANEL DIMENSIONS

MODEL	W	н
24" Model	23 ³ /4" (603)	30 ¹ /16" (764)
Ice Machine	15" (381)	30 ³ /8" (772)
STILES RAILS		Α
UC-24BG		21/4" (57) min

DOOR CLEARANCE

Undercounter models can be installed flush with surrounding cabinetry. Depending on the thickness of the custom door panel, it may be necessary to install the unit 1/4" (6) beyond the front surface of adjacent cabinetry to prevent interference when the door is opened to 145°. Refer to the full-scale template on page 97.

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 undercounter models.

HANDLE LENGTH	TUBULAR	PRO
Undercounter	24 ¹ /4" (616)	22 ¹ /2" (572)
Outdoor Model	NA	15 ¹¹ /16" (399)

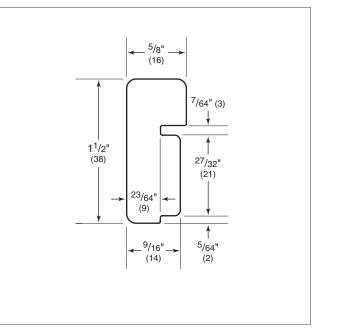
Wine Rack Wood Facing

FULL-SCALE TEMPLATE

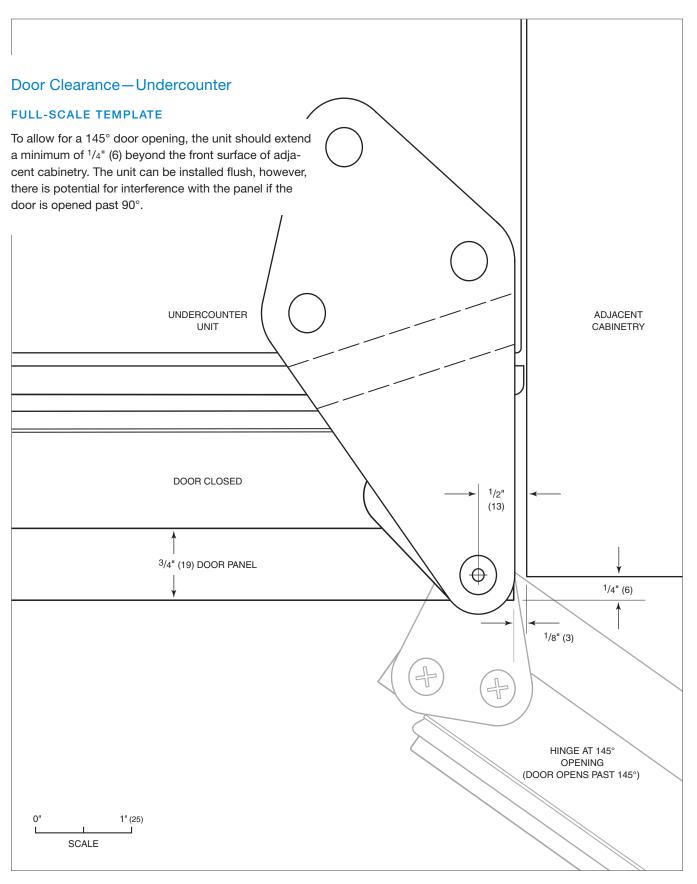
The natural cherrywood facing on wine storage racks can be stained and sealed, or replaced with wood more complementary to surrounding cabinetry. Refer to the full-scale template below for profile dimensions of the wood facing and the chart for widths.

WOOD FACING WIDTH	W
UC-24BG	19 ¹ /2" (495)
UC-24C(I)	19 ¹ /2" (495)

Sub-Zero, Sub-Zero & Design, Sub-Zero & Snowflake Design, Dual Refrigeration, The Living Kitchen, Great American Kitchens The Fine Art of Kitchen Design, Wolf, Wolf & Design, Wolf Gourmet, W & Design, red colored knobs, Cove, and Cove & Design are registered trademarks and service marks of Sub-Zero Group, Inc. and its subsidiaries. All other trademarks are property of their respective owners in the United States and other countries.



Wine rack wood facing profile.



145° door opening (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 contact & 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.



Sub-Zero Outdoor Limited Warranty*

FOR RESIDENTIAL USE

FULL ONE YEAR WARRANTY**

For one year 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.

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 contact & support section of our website, subzero.com, email us at customerservice@subzero.com or call 800-222-7820.

*Product must be approved for outdoor use, designated by model and serial number.

**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 are not covered by the product warranty.





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