



Designer Series Undercounter Refrigeration *Installation Guide*

Guía de instalación

Guide d'installation

Guida all'installazione

Installationsanleitung

Installatiehandleiding

安装指南



Contents

- 2 Designer Series Undercounter Refrigeration
- 3 Opening Dimensions
- 3 Electrical Requirements
- 4 Preparation
- 4 Anti-Tip Bracket
- 4 90° Door Stop
- 4 Placement
- 5 Alignment
- 5 Door Panel
- 6 Panel Installation
- 7 Completion

Important Note

To ensure this product is installed and operated as safely and efficiently as possible, take note of the following types of highlighted information throughout this guide:

IMPORTANT NOTE highlights information that is especially important.

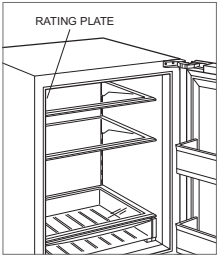
CAUTION indicates a situation where minor injury or product damage may occur if instructions are not followed.

WARNING states a hazard that may cause serious injury or death if precautions are not followed.

Product Information

Important product information, including the model and serial number, are listed on the product rating plate. The rating plate is located inside the cabinet, in the upper left area of the unit. Refer to the illustration below.

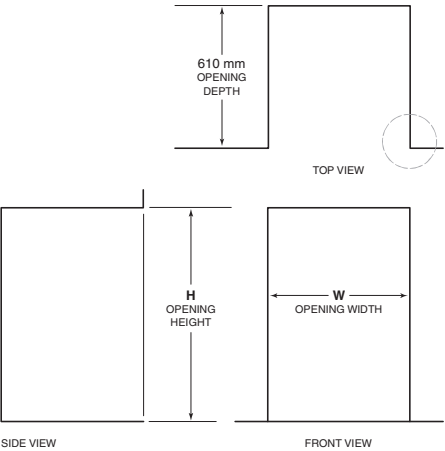
If service is necessary, contact your authorized Sub-Zero dealer.



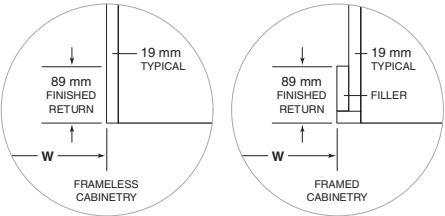
Rating plate location

Opening Dimensions

DESIGNER SERIES UNDERCOUNTER MODELS



NOTE: 89 mm finished returns will be visible and should be finished to match cabinetry.



OPENING DIMENSIONS		
	W	H
610 mm Model	610 mm	876 mm

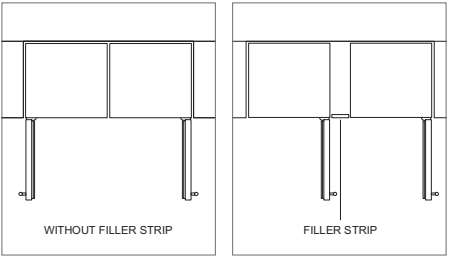
The depth of each model is 587 mm. Allow for panel thickness when planning the finished opening depth. A minimum 89 mm finished return is required on all sides of the opening. Framed cabinets require additional finished filler material behind the face frame for a proper installation. Refer to the illustration.

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 51 mm filler strip is recommended between the 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.

DUAL OPENING WIDTH	
Two 610 mm Models	1219 mm
Dual installation kit required.	



Opposite hinges Same side hinges

Electrical Requirements

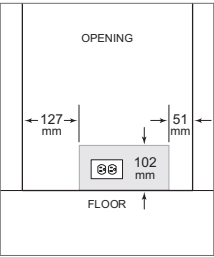
Installation must comply with all applicable electrical codes and be properly grounded (earthed).

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

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

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

ELECTRICAL REQUIREMENTS	
Electrical Supply	220-240 V AC, 50/60 Hz
Service	10 amp
Receptacle	grounding-type (earthed)



Electrical supply location

CAUTION

The outlet must be checked by a qualified electrician to be sure it is wired with the correct polarity. Verify the outlet is properly grounded (earthed).

WARNING

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING

Do not locate multiple portable socket-outlets, power strip, or portable power supplies at the rear of the appliance.

WARNING

Do not use an extension cord, two-prong adapter, or remove the power cord ground prong.

Electrical Shock Hazard

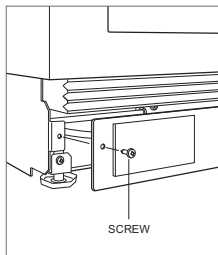
Plug power cord directly into a properly grounded (earthed) outlet. Do not defeat the grounding (earthing) nature of the plug. Do not use adapter or extension cord. Failure to follow these instructions could cause serious injury or death.

See installation instructions

Preparation

Uncrate the unit and inspect for damage. Remove and recycle packing materials. Do not discard the kickplate, anti-tip bracket, and hardware.

Remove the kickplate by extracting the two mounting screws. Refer to the illustration below.



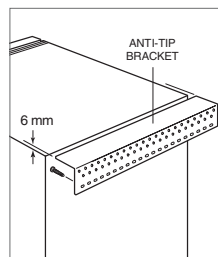
Kickplate removal

Anti-Tip Bracket

⚠ WARNING

To prevent the unit from tipping forward, the anti-tip bracket must be installed.

The anti-tip bracket should be attached to the wall behind the unit with the bracket flange located 6 mm above the top of the unit. Refer to the illustration below. Failure to properly position the anti-tip bracket will prevent proper engagement.



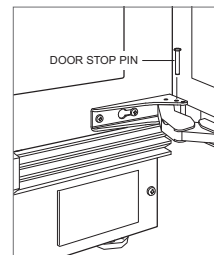
Anti-tip bracket

90° Door Stop

The door stop pins provided with the unit limit the door swing to 90°.

IMPORTANT NOTE: If a 90° door opening is desired, the pins must be installed prior to installing the unit into the opening.

To install, open the door to approximately 80°. Insert one hinge pin into each hinge. Refer to the illustration below.



90° door stop

Placement

⚠ CAUTION

Before moving the unit into position, secure the door closed and protect any finished flooring.

⚠ WARNING

When positioning the appliance, ensure the supply cord is not trapped or damaged.

Use an appliance dolly to move the unit near the opening.

If the unit has been on its back or side, it must stand upright for a minimum of 24 hours before connecting power.

Plug the power cord into the grounded outlet and slide the unit into position. Verify the anti-tip bracket is properly engaged.

Alignment

LEVELING

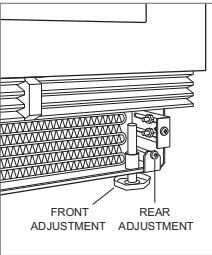
Once the unit is in position, rotate the front legs clockwise to raise and counterclockwise to lower. Rear height adjustment can be made from the front. Using a Phillips drive, turn clockwise to raise the unit or counterclockwise to lower. Use the lowest torque setting when using a power drill. Do not turn the leveling legs by hand. Refer to the illustration below.

When the unit is properly leveled, door adjustments are less likely to be necessary.

IMPORTANT NOTE: Level the unit to the floor, not the surrounding cabinetry. This could affect the operation of the unit, such as door closing.

⚠ WARNING

To reduce the possibility of the unit tipping forward, the front leveling legs must be in contact with the floor.



Leveling

ANCHORING

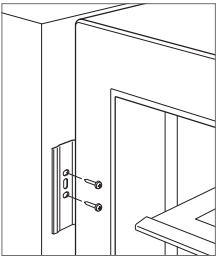
⚠ CAUTION

If using a power drill to predrill holes or install screws, verify the drill chuck does not contact the units face frame.

Adjust the depth of the unit to fit flush with the surrounding cabinetry. Allow for panel thickness. Once aligned, verify the door opens properly, then install screws in each bracket.

⚠ WARNING

To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.



Anchoring

Stainless Steel Panel

Stainless steel panels are available through an authorized Sub-Zero dealer.

Minimum 3 mm reveals are required.

Custom Panel

A custom door panel and handle hardware must be installed.

A 16 mm minimum to 19 mm maximum thick panel is required. The panel cannot exceed the maximum panel weight indicated in the chart below. The depth of each model is 587 mm. Allow for panel thickness when planning the finished opening depth.

Minimum 3 mm reveals are required.

PANEL WEIGHT	MAX
610 mm Model	10 kg

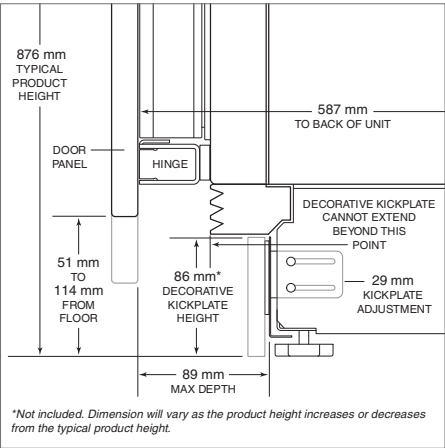
Finish all sides of the custom panel. They will be visible when the door is open.

A D-style handle is recommended. Locate the door handle near the edge of the panel opposite the hinge and centered top to bottom. Stainless steel tubular and pro handles are available through an authorized Sub-Zero dealer.

Custom Panel

TOE KICK CLEARANCE

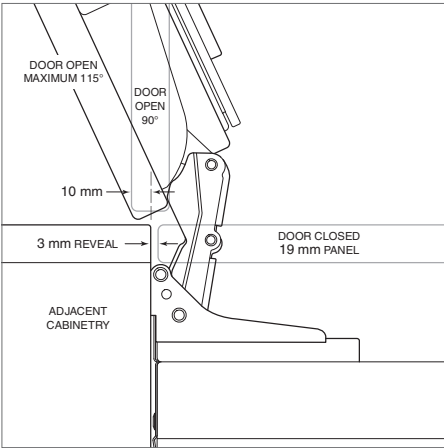
The height of the toe kick area can extend beyond the typical toe kick height, provided it does not exceed the dimensions in the illustration below.



Toe kick clearance (side view)

MAXIMUM DOOR OPENING

As the panel width and/or depth increases, so does the potential for panel interference. Interference may be minimized by using the 90° door stop.



Maximum door opening (top view)

Panel Installation

DOOR PANEL INSTALLATION

Typical panel dimensions are based on an 876 mm finished height with 3 mm reveals. Placement of the template must be adjusted for panels exceeding the typical dimensions.

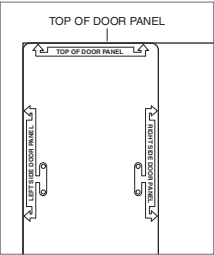
Place the panel face down on a protected work surface. Position the template flush with the top and sides of the panel. Verify the correct side of the template is being used, then mark and drill holes. Refer to the illustration below.

Use a Torx drive to partially insert a #8 x 1/2" screw into the second hole from the top on each side of the panel. The screws should be approximately 4 mm proud of the panel and will support the weight of the panel during installation.

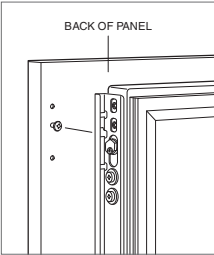
Align the support screws on the back of the panel with the slotted holes on both door mounting brackets. Refer to the illustration below. Opening the door slightly may help with alignment. Once the panel is supported by the screws, partially insert a #8 x 1/2" screw into the second hole from the bottom on each side of the panel, but do not tighten.

CAUTION

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



Door panel template



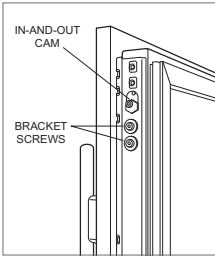
Door panel mounting

DOOR PANEL ADJUSTMENT

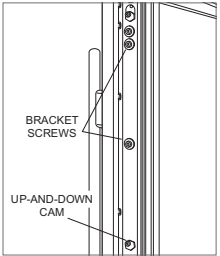
Close the door. Make any necessary adjustments to align the panel and reveals.

For side-to-side adjustment, move the panel side to side, then install and tighten all mounting screws.

For up-and-down and in-and-out adjustments, slightly loosen the bracket screws. Depending on the level of adjustment required, it may be helpful to loosen all of the bracket screws which will allow for maximum adjustment. Once the bracket screws are loosened, use a wrench to rotate the cams to make adjustments. After the adjustments have been made, tighten all bracket screws. Refer to the illustrations below.



In-and-out adjustment



Up-and-down adjustment

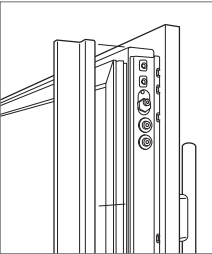
Completion

DOOR TRIM INSTALLATION

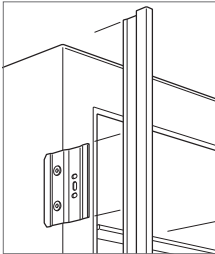
After the door panel has been adjusted, install the decorative side trim to the door. To install, start at the top and align the trim with the front and rear flanges on the bracket, then snap into place by pushing the trim toward the back of the panel. Once the top is secure, continue the installation downward until the remaining trim is completely secure. Refer to the illustration below.

SIDE TRIM INSTALLATION

Install the decorative trim strip to the handle side of the unit. The side trim snaps over the brackets attached to the handle side of the unit. Refer to the illustration below.



Door side trim



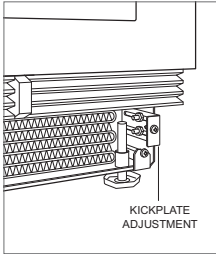
Unit side trim

KICKPLATE INSTALLATION

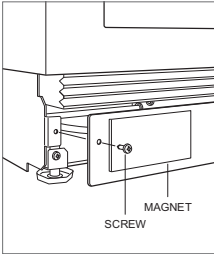
The kickplate must be removable for service. The floor cannot interfere with removal. Finger-tighten the adjustment bracket nuts. Refer to the illustration below. Make in-and-out adjustments, then wrench-tighten the bracket nuts. Install the kickplate with the provided screws.

A decorative kickplate can be attached to the factory-installed kickplate. The three rows of vented louvers cannot be covered.

To install a decorative kickplate, remove the paper backing from the magnets and attach the decorative kickplate to the magnets. The magnets allow the decorative kickplate to be removed if necessary.



Kickplate adjustment



Kickplate installation

⚠ WARNING

Follow all city and state laws when storing, recycling, or discarding unused refrigerators and freezers.