

Additional planning notes for Vario 400 series cooling

The side walls of the adjacent cabinetry have to be dimensionally stable, as the Vario cooling appliances are secured in the cutout with only an anti-tilt bracket on the top back and on the bottom at the side.

Vario cooling appliances can be installed handle to handle as a side-by-side combination. In this case the side-by-side installation kit RA 460 000 is required. If the distance between the appliances is greater than $\frac{5}{8}$ " (16 mm) or less than $6\frac{5}{16}$ " (160 mm) or the environment very humid the additional side heating element RA 460 012 needs to be installed between the appliances to avoid condensation.

If the appliances are combined hinge to handle in a very humid environment the additional side heating element RA 460 012 is required as well. It can be omitted if the distance between the appliances is greater than $6\frac{5}{16}$ " (160 mm) The additional side heating element RA 460 012 does not take up any additional space. It is already included in the cutout dimensions.

If the Vario cooling appliances are joined together hinge to hinge an additional stable side wall must be added.

If restrictions in use are accepted (no simultaneous opening of the doors possible) the appliances can be joined together directly, using the additional side heating element RA 460 012.

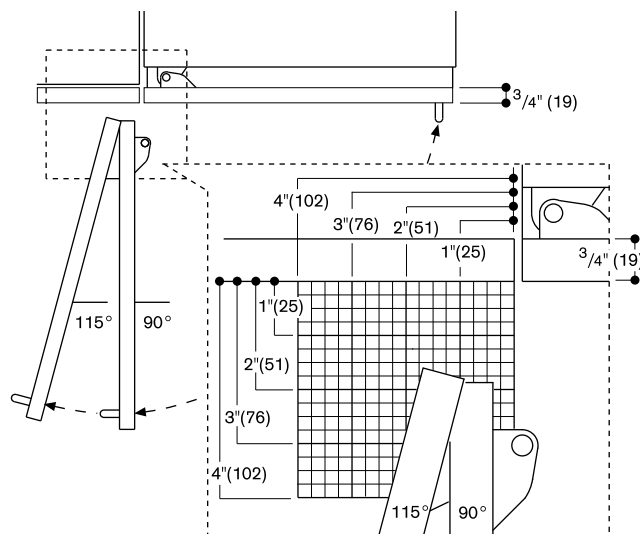
When installing a 400 series Vario cooling appliance next to a 400 series BO/BM/BS/CM appliance, a minimum lateral distance of $1\frac{3}{16}$ " (30 mm) is required. Please see pages 13 and 15 for more information.

When installing a cooling appliance next to a BOP/BMP/BSP from the 200 series ovens, a minimum lateral distance of $1\frac{3}{16}$ " (30 mm) is required, if the non-hinge side of the cooling appliance is next to the BOP/BMP/BSP. If both appliances are hinged on the same side, a minimum lateral distance of $1\frac{5}{16}$ " (40 mm) is required.

Door opening angle

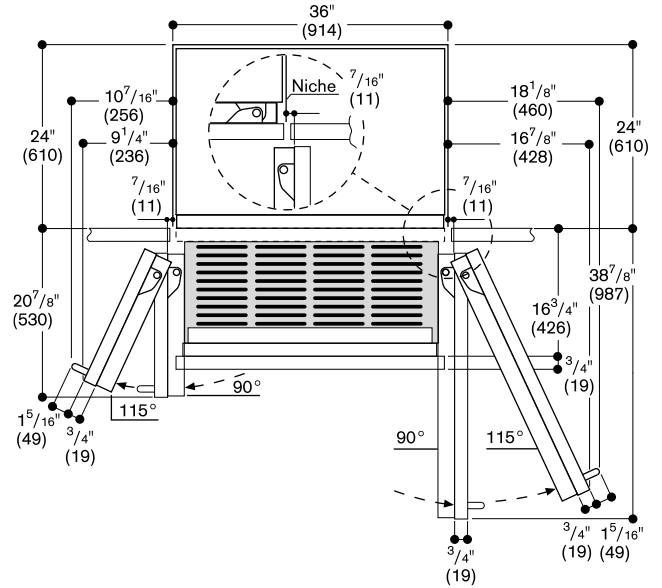
To ensure correct kitchen planning it is essential to take into account the opening angle of the appliance door (plus fitted cabinet door and handle). There should be no possibility of collision with other kitchen furnishings (countertops, handles of other cabinetry etc.) or parts of the room (walls, protrusions etc.). The space needed for the hinge and the consequential distance to the adjacent cabinetry and its handle can, depending on the panel thickness, be seen in the following drawing. The drawing assumes a panel thickness of $\frac{3}{4}$ " (19 mm).

If a collision occurs, the following options are available to remedy the situation: Restrict the door opening angle to 90° (standard 115°). Pin to restrict the angle is enclosed with the appliance. Due to limitation in use, it is not recommended to install a freezer (RF 411, RF 461, RF 463, RF 471, RF 491) next to a wall which requires a door angle of 90°. If the restrictions in use are accepted, the ice storage container must be exchanged for the small ice storage container (RA 448 220). This must be done prior fixing the door. Fit a spacer between the appliance and the cabinetry that it would collide with. Rearrange surrounding cabinetry or appliance



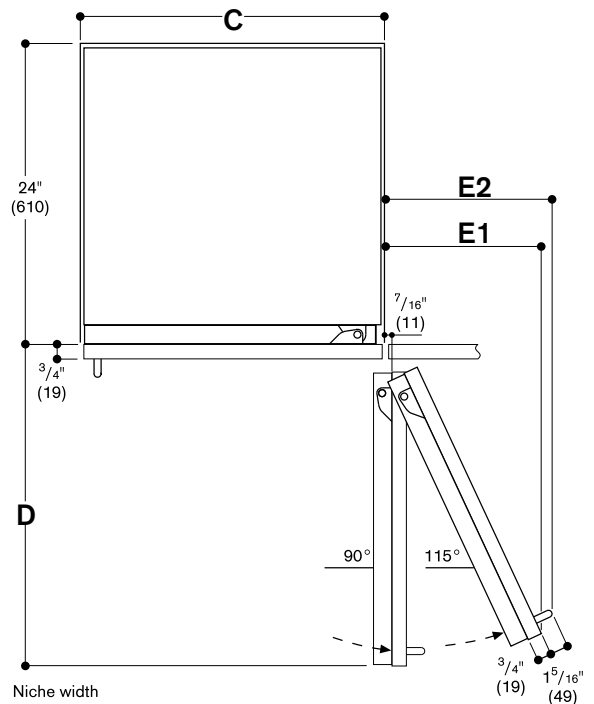
The space required for the hinge and the consequential distance to the adjacent unit and its handle can be seen in the above drawing, depending on the thickness. The drawing assumes a panel thickness of $\frac{3}{4}$ " (19 mm).

Wall clearance RB 492/RV 492



The drawing is based on a cabinet panel width of $\frac{3}{4}$ " (19 mm) and a Gaggenau cabinet handle height of $1\frac{5}{16}$ " (49 mm).

Wall clearance RB 472/RC/RF/RW



C	D	E1	E2
18" (457 mm)	20 $\frac{1}{16}$ " (525 mm)	9 $\frac{1}{4}$ " (235 mm)	10 $\frac{7}{16}$ " (265 mm)
24" (610 mm)	26 $\frac{5}{16}$ " (677 mm)	11 $\frac{3}{4}$ " (299 mm)	13" (330 mm)
30" (762 mm)	32 $\frac{1}{16}$ " (830 mm)	14 $\frac{9}{16}$ " (363 mm)	15 $\frac{9}{16}$ " (395 mm)
36" (914 mm)	38 $\frac{3}{16}$ " (980 mm)	16 $\frac{7}{8}$ " (428 mm)	18 $\frac{1}{8}$ " (460 mm)

The drawing is based on a cabinet panel width of $\frac{3}{4}$ " (19 mm) and a Gaggenau cabinet handle height of $1\frac{5}{16}$ " (49 mm).

Notes:

- The adjustable feet have an adjustment range of $+1\frac{5}{16}$ " (+35 mm) to $-\frac{1}{2}$ " (-13 mm). The standard height displayed in the pictures is 0 mm.
- For proper ventilation of the appliance, the clearance between the floor and bottom edge of the cabinet front must be at least $3\frac{1}{16}$ " (100 mm).
- The panel thickness of customized doors can range from between $\frac{3}{4}$ " (19 mm) and $1\frac{1}{2}$ " (38 mm) (in the picture $\frac{3}{4}$ " (19 mm)).

Installation cutout

Unlike conventional built-in appliances, cooling appliances stand on the floor. This means that the installation cutout is a space in a line of kitchen units.

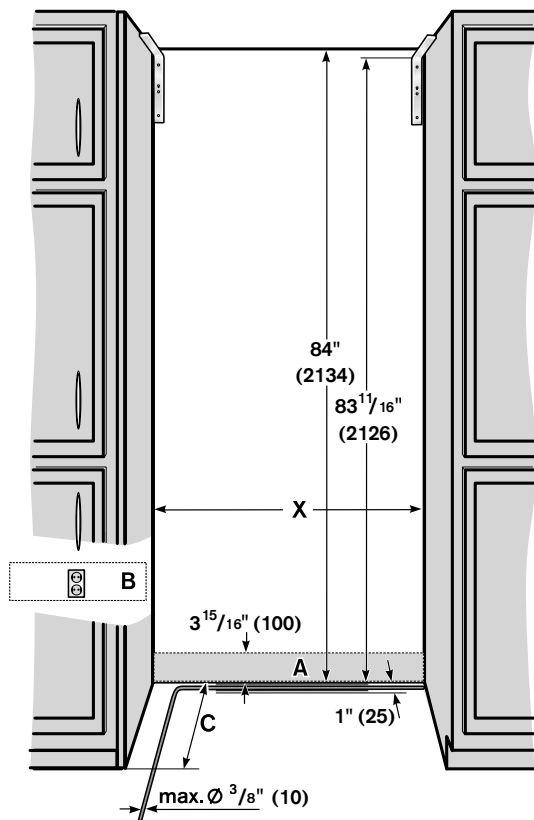
Installation cutout

The specified dimensions of the installation cutout must be observed to guarantee the proper installation of the appliance and the design of the cabinet front.

It is particularly important that the installation cutout is square. The side walls must be smooth, not have any protrusions or unevenness. Use the appropriate tools, e.g. spirit level, diagonal measurements, etc. to determine whether the installation cutout is square.

The side walls and the upper molding of the installation cutout must be at least $\frac{5}{16}$ " (16 mm) thick.

Installation cutout for an individual appliance:



- A Area for installation the water connection
 B Area for installation the electrical connection must be outside the cutout
 C Depth of installation cutout, depending on kitchen design.
 C = 24" (610 mm) minimum!
 X Width of installation cutout, refer to the table below for more details:

Appliance type	Width of the cutout X
17 $\frac{3}{4}$ " (451 mm)	18" (457 mm)
23 $\frac{3}{4}$ " (603 mm)	24" (610 mm)
29 $\frac{3}{4}$ " (756 mm)	30" (762 mm)
35 $\frac{3}{4}$ " (908 mm)	36" (914 mm)

Installation cutout for a side-by-side solution:

In a side-by-side solution, there are many ways to combine the appliances. The width of the installation cutout is calculated from the sum of the widths of the individual appliances. The height and depth of the installation cutout correspond to the specifications for the individual appliances. It is important to comply with the dimensions in the area set aside for electric and water connections. For the precise dimensions, please refer to the details given for individual appliances.

Location

The appliance should be installed in a dry, well ventilated room. The location of the appliance should not be subject to direct sunlight or near a source of heat, such as an oven, a radiator, etc.

If installation next to a heat source is unavoidable, observe the following minimum distances from the heat source:

- 1 $\frac{3}{16}$ " (3 cm) to electric or gas. When installing next to a cooktop, always refer to the cooktop installation instructions for more information.
- 11 $\frac{3}{16}$ " (30 cm) from an oil or solid fuel cooktop.

The floor of the installation location must not give way; if required, reinforce floor. To ensure that the ice maker functions correctly, the appliance must be upright.

Surface

To ensure that the appliance is installed securely and functions properly, the surface must be level and even.

The floor must consist of a hard, rigid material.

The floor in the installation area must have the same height as the floor in the rest of the room.

Due to the heavy weight of a fully loaded appliance, the floor beneath must be stable. If in doubt, consult an architect, structural engineer or construction expert.

Refer to the following table for load-bearing capacity:

Model	Description	Maximum load weight
RC462704	24" refrigeration column	983 lbs (446kg)
RC472704	30" refrigeration column	1,148 lbs (521kg)
RC492704	36" refrigeration column	1,430 lbs (649kg)
RF411704	18" freezer column	806 lbs (366kg)
RF461704	24" freezer column	902 lbs (450kg)*
RF471704	30" freezer column	1,177 lbs (533kg)
RF491704	36" freezer column	1,403 lbs (636kg)
RF463704 RF463705	24" ice & water dispenser columns	1,068 lbs (484kg)
RB472704	30" two-door bottom freezer	1,222 lbs (554kg)
RB492704	36" two-door bottom freezer	1,444 lbs (655kg)
RY492704	36" three-door bottom freezer	1,682 lbs (763kg)
RW414764	18" wine climate cabinet	867 lbs (394)kg
RW466764	24" wine climate cabinet	1,093 lbs (496kg)

*without water dispenser

Neighboring cabinetry

The new appliance is screwed firmly in place with the neighboring cabinet parts. Care should be taken to ensure that all cupboards onto which something is fastened, are connected firmly to the floor or the wall.

The thickness of the toe kick can be a maximum $\frac{3}{4}$ " (19 mm).

Planning Information

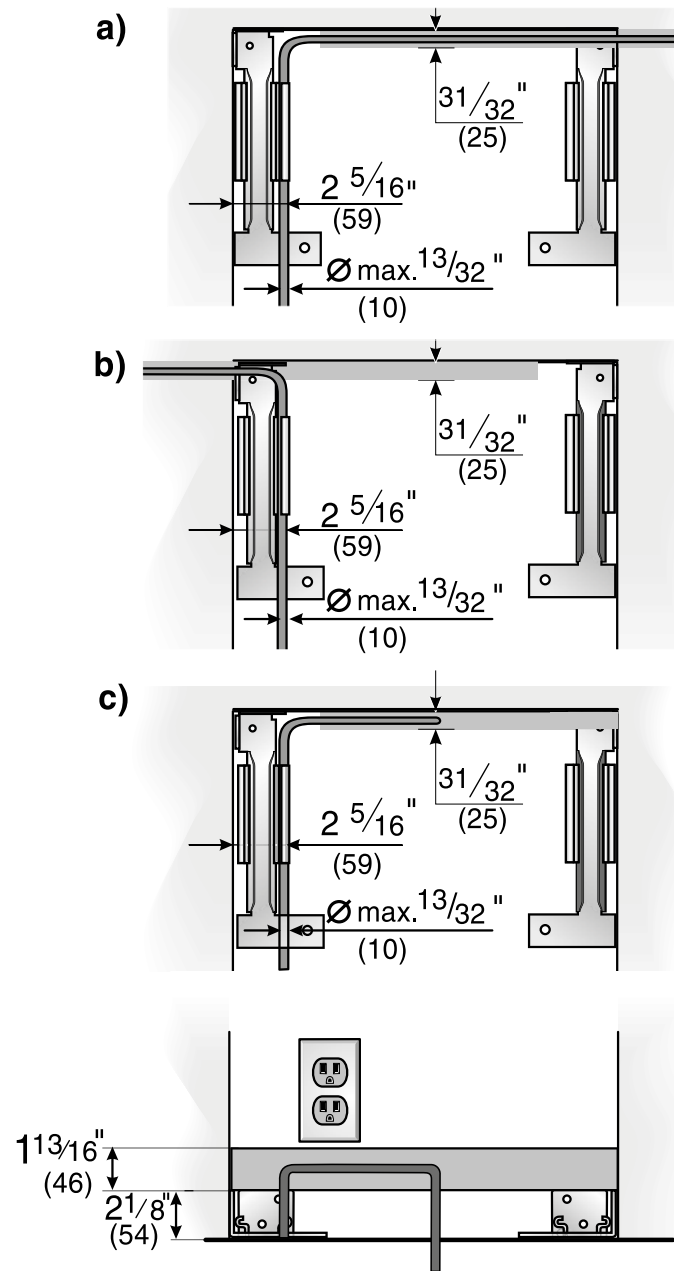
Water Location

A cold water connection is required for appliances that feature an ice maker or an ice and water dispenser.

The water pressure must be between 40 and 120 p.s.i. (2.75-8.25 bar). The installation must comply with local plumbing regulations.

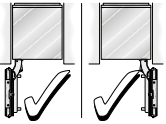
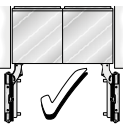
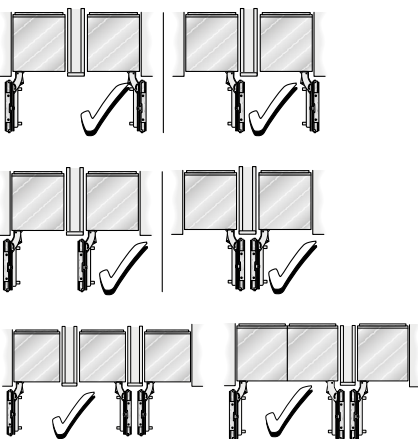
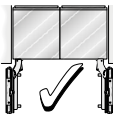

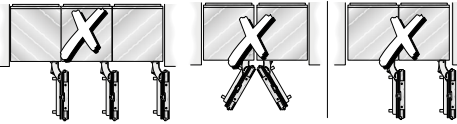
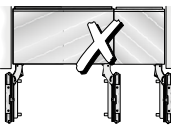
A separate shut-off valve must be installed for the appliance water connection.

The shut-off valve for the water connection may not be behind the appliance. It is recommended to place the shut-off valve outside the cutout next to the appliance or in another easily accessible location. When installing the water connection, observe the permitted installation areas for the water supply line. The supply line can be located to the right (a), to the left (b), or underneath (c).



Installation options

The modular refrigerator and freezer column concept from Gaggenau offers you a variety of installation possibilities. In some instances, optional accessories are required!

Recommended Installations	Considerations
<p>Stand-Alone</p> 	<p>Any appliance can be installed as a stand-alone unit. Ensure a cutout flush to the appliance at a depth of minimum 4" (102 mm), preferably 6" (152 mm) on the top and sides.</p>
<p>Side-By-Side</p> 	<p>When two appliances are installed side-by-side a sealing kit must be used. For combinations that involve a freezer column, this kit is provided. For all other (non-traditional) side-by-side combinations or instances where any appliances are installed less than 6" (152 mm) apart from one another but not connected side-by-side, purchase the Heater Kit (RA 460 012).</p>
<p>Split Columns with Partition</p> 	<p>When dimensioning the partition, note the thickness of the door panel (including handles) as well as the swivel range to prevent damage if the doors are opened at the same time. (See page 242 for details on door opening range dimensions)</p> <p>Three appliances can be installed together only if a partition—minimum 5/8" (16 mm)—is placed between two of the appliances. Ensure that door panel thickness (including handles) as well as the swivel range are accounted for.</p>
<p>At The End of a Cabinetry Run</p> 	<p>All Gaggenau cooling appliances must be completely enclosed on the top and sides. If one side of the appliance is visible, a decorative side panel must be used. The side panel must be connected firmly to the wall, the floor and any overhead cabinet / fixtures before the appliance is placed in the cutout.</p>
Recommended Installations	Concerns
	<p>It is absolutely essential to ensure that the appliance is installed in such a way that the doors do not interfere with an adjacent wall or other kitchen elements. (See page 242 for details on door opening range dimensions)</p>
	<p>A partition—minimum 5/8" (16 mm)—is required to ensure the doors do not interfere with one another when opened. Use a partition to separate appliances and observe the door opening range. (See page 242 for details on door swivel range dimensions)</p>
	<p>A Gaggenau Three-door Bottom Freezer cannot be connected side-by-side with any other appliance. Use a partition to separate appliances and observe the door opening range. (See page 242 for details on door swivel range dimensions)</p>

*The Gaggenau warranty shall apply only to recommended installations.

Toe kick area | Upper molding of cutout (niche)

Toe kick and venting grill

Important!

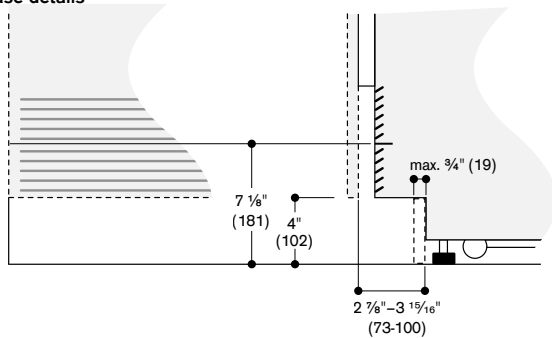
Poor ventilation leads to damage to the appliance!
Under no circumstances is it permitted to cover the air inlets and the exhaust air outlets of the appliance in the lower toe kick area. You must observe the minimum distance of $3\frac{15}{16}$ " (100 mm) between the upper edge of the floor and the bottom edge of the cabinet door of the appliance. Take this into consideration also when adjusting the appliance feet.

In relation to the standard height, the maximum height of the base board is 4" (102 mm). The toe kick can be maximum $\frac{3}{4}$ " (19 mm) thick.

Adhesive connectors are supplied on the front panel of the appliance for fitting the base board.

The air inlets and the exhaust air outlets of the appliance are located above the base board. They must not be covered.

Base details



In relation to the standard height of the appliance, the height of the toe kick plate is 4" (102 mm). Maximum thickness of the toe kick plate is $\frac{3}{4}$ " (19 mm).

For design reasons, it may be necessary to increase the distance between the upper edge of the floor and the bottom edge of the cabinet door of the appliance, so that it extends beyond the standard dimension of 4" (102 mm). The maximum dimension is $7\frac{1}{8}$ " (181 mm). If this is the case, air inlets and exhaust air outlets would become visible!

Upper molding

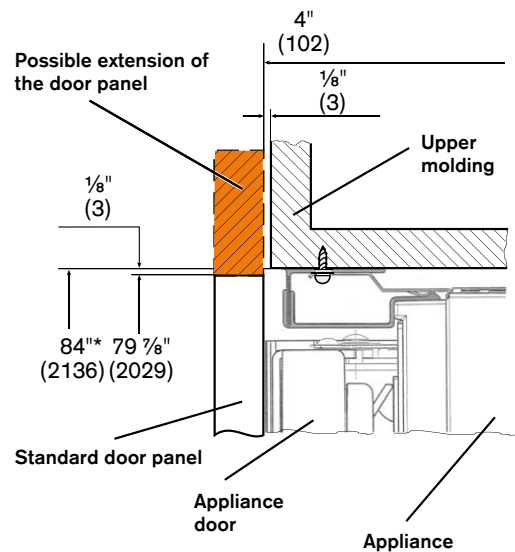
The height of the cabinet door on the appliance is dependent on:

- the overall height of the appliance,
- the distance from the bottom edge of the cabinet door to the floor,
- the appliance type (one-door or multi-door appliances).

The overall height of the appliance is $79\frac{7}{8}$ " (2,029 mm).

The height can be adjusted within a range of $-\frac{1}{2}$ " (-13 mm) to $+1\frac{5}{8}$ " (+35 mm). You must observe the minimum distance of $3\frac{15}{16}$ " (100 mm) between the upper edge of the floor and the bottom edge of the cabinet door of the appliance.

This height can vary depending on the conditions at the site. It is possible, e.g. for design reasons, to lengthen the cabinet door upwards by extending it beyond the top of the appliance.



Important!

It must be ensured that the upper molding of the installation cutout always has a depth of at least $3\frac{15}{16}$ " (100 mm) (measured from the front edge of the appliance). Only then can the secure installation of the appliance in the installation cutout be guaranteed.

Dimensions of the optional accessories – door panels | door panel frames

The cabinetry, the height of the toe-kick, the overall height of the kitchen and other determining dimensions of the kitchen must be taken into account, in order to plan the exact positioning of the cabinet door so that the appliance integrates perfectly into the overall picture of the kitchen.

The following diagrams show the basic dimensions of the optional accessories door fronts/door front frames for various appliances.

The dimensions of the doors shown are designed for the following basic specifications:

- Height of the toe-kick: 4" (102 mm)
- Overall height of the installation cut-out: 84" (2134 mm)
- Gap: 1/8" (3 mm)
- Panel thickness: 3/4" (19 mm)

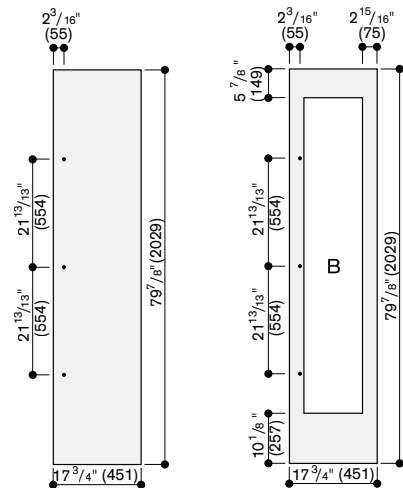
These specifications provide you with a good starting point for a variety of kitchen designs.

When designing a customized cabinet door, please ensure that the back of the cabinet door is visible to a height of 8 1/16" (205 mm) over the floor when opening the appliance door and adapt to the front design. All diagrams are also valid for doors without handle.

Important!

While these diagrams can serve as a general guide in planning panel dimensions, the correct panel dimensions are dictated by design choices including style and dimensions of surrounding kitchen cabinetry, case and toe kick height, etc. Please ensure careful planning based on the specific kitchen design.

Recess width 18" (45.7cm)



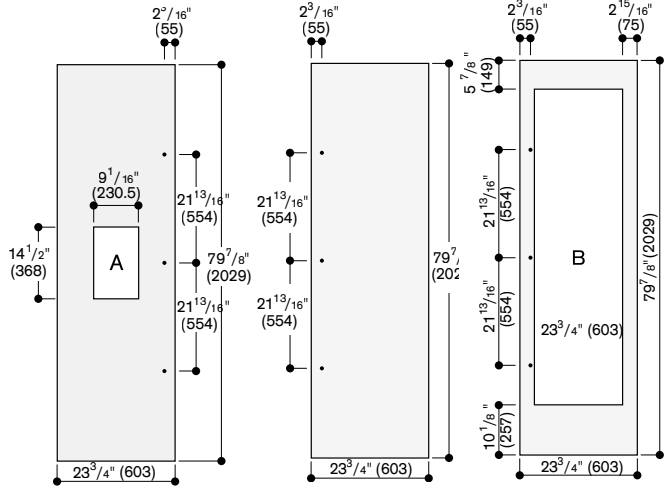
The door panel thickness is 3/4" (19mm).
The maximum door panel dimension are based on a clearance of 1/8" (3 mm), based on a single recess.
B: Width of the side frame parts of the door panel can be between 2 1/16" (55 mm) and 1/4" (82mm).

Maximum permitted door panel weight (for each door front)

Model	Description	Max. panel weight
RC462704	24" refrigerator column	95 lbs (43kg)
RC472704	30" refrigerator column	53 lbs (24kg)
RC492704	36" refrigerator column	90 lbs (41kg)
RF411704	18" freezer column	55 lbs (25kg)
RF461704	24" freezer column	90 lbs (41kg)
RF471704	30" freezer column	130 lbs (59kg)
RF491704	36" freezer column	95 lbs (43kg)
RF463704	24" ice & water dispenser columns	147 lbs (67kg)
RF463705		
RB472704	30" two-door bottom freezer	90 lbs. (41kg) Drawer 22 lbs (10kg)
RB492704	36" two-door bottom freezer	103 lbs. (47kg) Drawer 22 lbs. (10kg)
RY492704	36" three-door bottom freezer	147 lbs. (67kg) Drawer 22 lbs. (10kg)
RW414764	18" wine climate cabinet	160 lbs (73kg)
RW466764	24" wine climate cabinet	167 lbs (76kg)

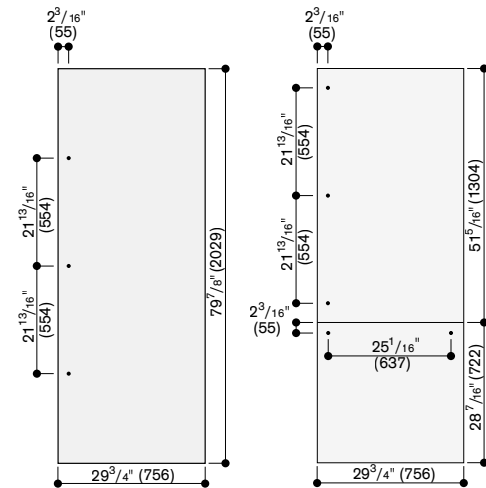
NOTE #1: The cutout for the dispenser unit must be horizontally and vertically centered in the panel.
NOTE #2: For custom wine preservation column door panels, the width of the two lateral flanges of the frame may vary between 2 1/2" (64 mm) and 3 3/4" (95 mm).

Recess width 24" (61cm)



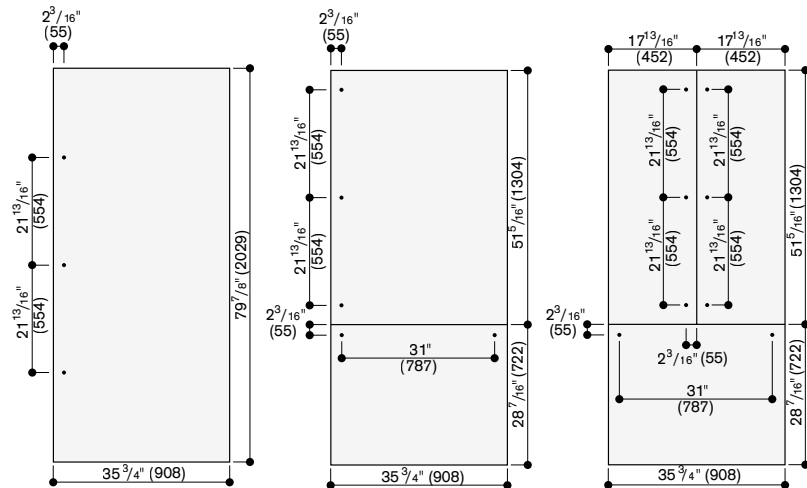
The door panel thickness is 3/4" (19mm).
The maximum door panel dimension are based on a clearance of 1/8" (3 mm), based on a single recess.
A: The cut-out for the ice and water dispenser is designed so that it is horizontally and vertically centered.
B: Width of the side frame parts of the door panel can be between 2 1/16" (55 mm) and 1/4" (82mm).

Recess width 30" (76.2cm)



The door panel thickness is 3/4" (19mm).
The maximum door panel dimension are based on a clearance of 1/8" (3 mm), based on a single recess.

Recess width 36" (91.4cm)



The door panel thickness is 3/4" (19mm).
The maximum door panel dimension are based on a clearance of 1/8" (3 mm), based on a single recess.

Installation dimensions

Cabinetry terms & basic requirements

To clarify the terms that are used in this design guide, please refer to the following definitions:

Case

This is the main body of a kitchen cabinet.

(Cabinet) face frame

This is a decorative frame at the front of a kitchen cabinet representing the space between cabinetry doors or drawers and is typical for North America. European style cabinets (frameless cabinetry) typically do not have a face frame.

Door panel

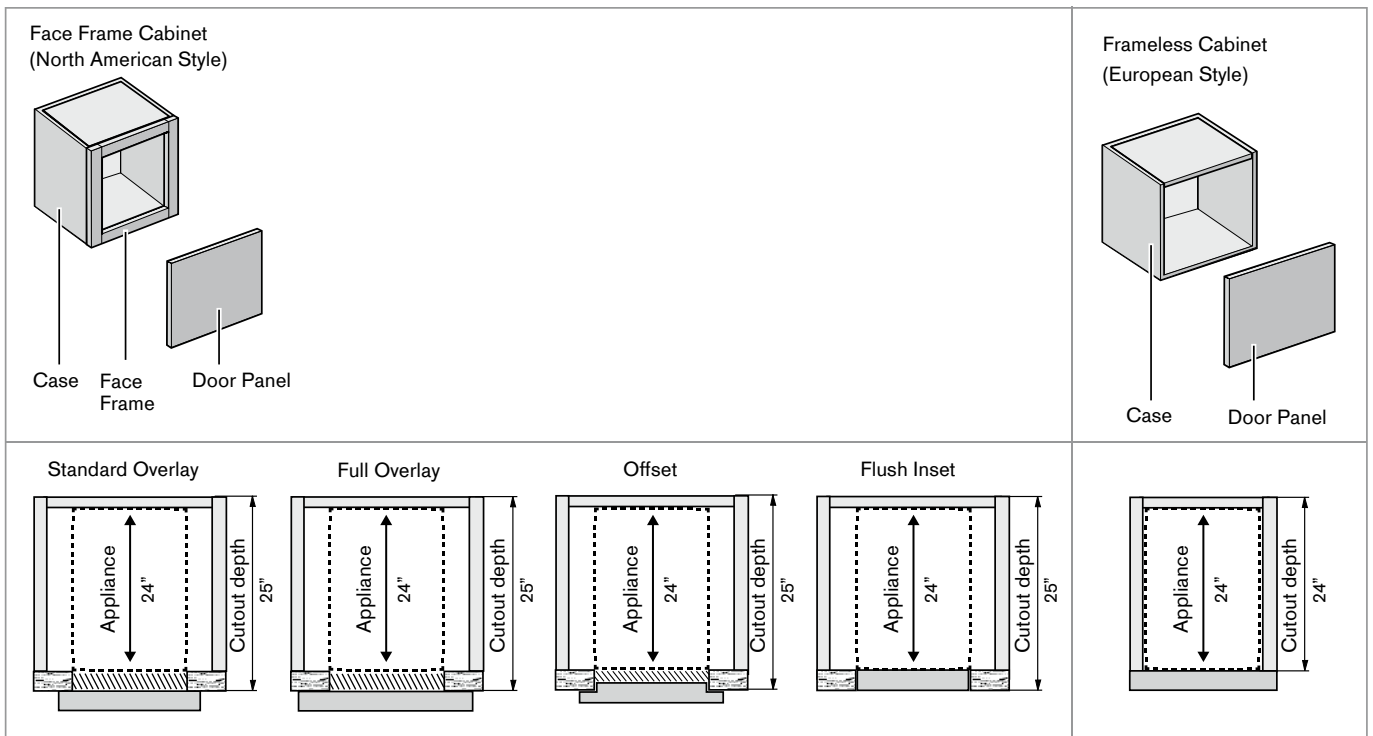
Able to be fully flush integrated when installed in 25" (635 mm) deep cabinets, 400 series cooling appliances are intentionally designed to be equipped with custom door panels that perfectly match surrounding kitchen cabinetry. Typical panel thickness is 3/4" (19 mm). However, thicker panels can be accommodated to emulate the look of the visible face frame (as in overlay) or to match existing kitchen cabinetry doors. When using custom panels, always ensure that the panel reverse is finished to match the exterior, as parts of the panel reverse will be visible when the refrigerator door is opened.

Cutout (Niche)

The cutout is the cavity in which a 400 series appliance is installed. The width of the cutout (18-inch, 24-inch, 30-inch or 36-inch) is dependent on the appliance(s). The total depth of the cutout is equal to the depth of the case plus face frame. It does not necessarily include the thickness of the door panel. For proper planning of cutout depth, please refer to page 225.

Typically, the cutout for a 400 series appliance will be 25" (635 mm) deep. When planning the cutout, it is essential that the top and side interior walls be flush to the appliance at a minimum depth of 4" (102 mm) from the outer edge of the face frame and composed of thick (3/8" (16 mm) minimum) material for secure installation. Also, because the case interior will be partially visible when the refrigerator door is opened, always ensure that the top and side returns are finished to match the exterior furniture at the same minimum depth of 4" (102 mm).

Kitchen Cabinetry Illustration



Installation dimensions

Cabinetry style & cutout depth

400 series cooling appliances are designed to accommodate nearly any type of kitchen cabinetry door installation. Generally, when using standard $\frac{3}{4}$ " (19 mm) panels, 25" (635 mm) deep cutouts are recommended but the required cutout depth depends on the desired cabinetry and custom panel execution, whether typical North American styles that employ a face frame—requiring a depth of 25" (635 mm)—or European style—requiring a depth of 24" (610 mm).

The below cabinetry styles detail requirements for the cutout and custom panel.

A) Standard (partial) overlay – 25" (635 mm) cutout depth

With standard overlay kitchen cabinetry the face frame is an important design element. In order to emulate this aesthetic for the refrigerator, one must account for the door panel thickness (typically $\frac{3}{4}$ " (19 mm)) as well as the face frame thickness (here, also $\frac{3}{4}$ " (19 mm)). The resulting thickness of the custom door panel is therefore $\frac{3}{4}$ " (19 mm) + $\frac{3}{4}$ " (19 mm) = 1 $\frac{1}{2}$ " (38 mm). The cumulative thickness of the custom door panel requires added depth in the cutout so 25" (635 mm) is recommended (see sketch).

B) Full overlay – 25" (635 mm) cutout depth

The requirements for standard overlays are also valid for full overlay designs so 25" (635 mm) cutout depth is recommended. However, especially if kitchen cabinet doors are thinner than $\frac{3}{4}$ " (19 mm) or reveals are $\frac{1}{8}$ " (3 mm) or smaller, a 24" (610 mm) cutout depth may also be acceptable. In this execution both the cabinet door and the small reveal of the fully overlaid face frame must be emulated within the typical appliance door panel thickness of $\frac{3}{4}$ " (19 mm). This can be done either a) by simply ignoring the visible area of the face frame (very small reveals show virtually no face frame) or b) by creating a "nose" on the custom door panel to emulate a small visible face frame (see sketch).

C & D) Offset & flush inset – 25" (635 mm) cutout depth

Here, kitchen cabinetry door panels do not rest atop the cabinet face frame (overlay), but are instead inserted partially (offset) or fully flush (inset) into the face frame. Such offset or flush inset door panels require additional depth in the cutout. Using the example of a $\frac{3}{4}$ " (19 mm) thick panel, the complete cutout depth would be 24" (610 mm) + $\frac{3}{4}$ " (19 mm) = 24 $\frac{3}{4}$ " (629 mm) and in this example 25" (635 mm) is recommended.

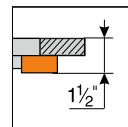
E) Framed – 24" (610 mm) cutout depth

For 400 series cooling appliances, a metal frame (RA460020) may be affixed to the side of the cabinet which conveniently hides unfinished case returns and provides a classic built-in look. This is particularly relevant for existing cabinetry that has not been custom-built to accommodate these appliances. A 24" (610 mm) cutout will result in a slightly protruding door panel for a typical built-in look.

F) European style kitchen cabinetry – 24" (610 mm) cutout depth

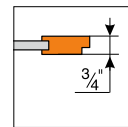
If the kitchen design is based on European style cabinetry, there is no need to emulate the look of a face frame, as such a frame is not an element of the kitchen cabinetry design. Therefore a 24" (610 mm) deep cutout with accompanying custom panel will always be sufficient.

A) Standard overlay design



Custom Door Panel
(Emulating a Face
Frame)

B) Full overlay design



Custom Door Panel
with Nose (Emulating a
Face Frame)

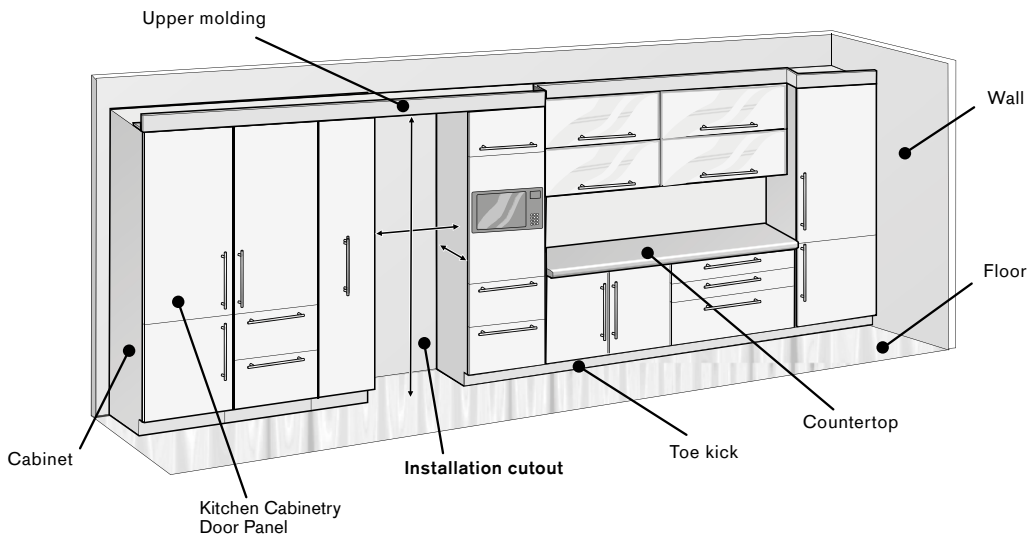
Important

It is strongly recommended the top interior of the cutout be of solid material ($\frac{5}{16}$ " (16 mm) thickness). Ensure that the top well is completely flush for a depth of at least 4" (102 mm).

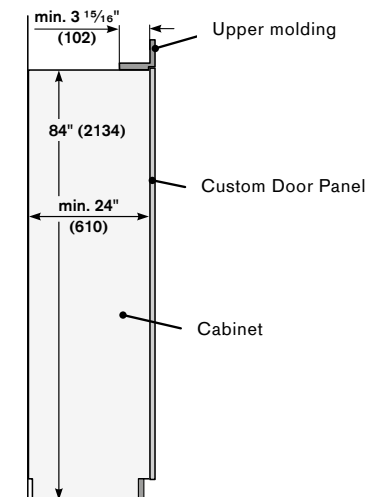
Ensure that the side walls of the cutout are also completely flush to a depth of at least 4" (102 mm).

If, for some reason, a separate cutout cabinet is created, ensure that the furniture return is at least 4" (102 mm) deep for proper installation.

Planning principle for an individual appliance



Vertical cut Installation cutout



Installation cutout for an individual cooling appliance (example: 30" (762 mm) wide)

In this example, the installation cutout is formed by two tall cupboards (left and right) with an appropriate upper molding to the cutout.

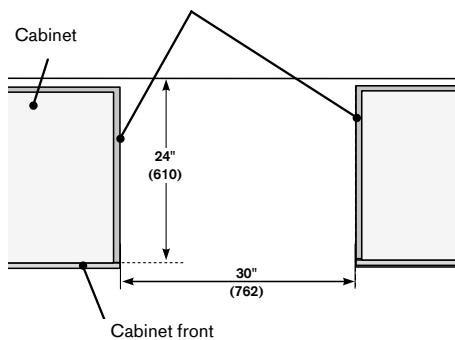
The cabinet door for the appliance comes in an identical design to the other kitchen fronts.

Requirements for the installation cutout:

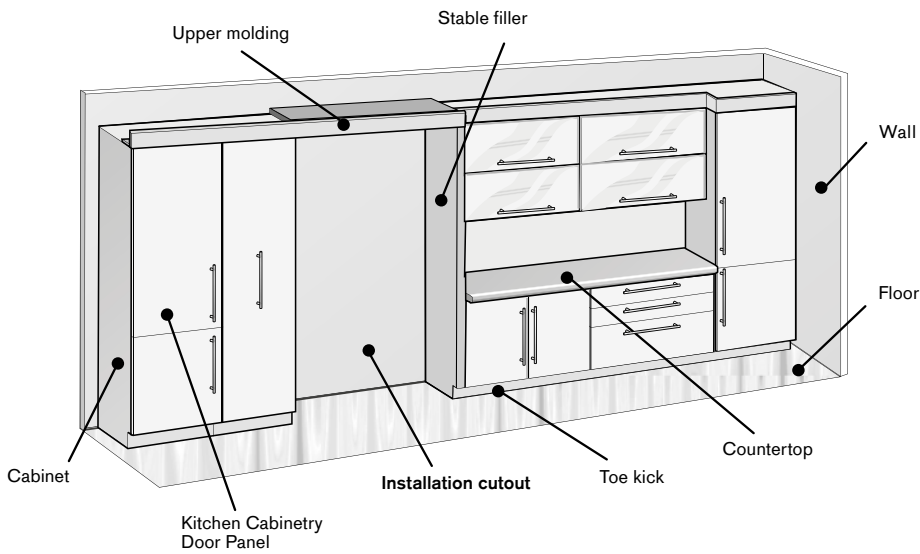
- The side walls of the installation cutout must be completely even and flat along their entire depth
- Upper molding is at least 3 15/16" (100 mm) deep and made of a solid material (min. 5/8" (16 mm) thick)
- Width of the installation cutout: 30" (762 mm)
- Depth of the installation cutout: min. 24" (610 mm)

The side walls of the installation cutout must be completely even and flat along their entire depth.

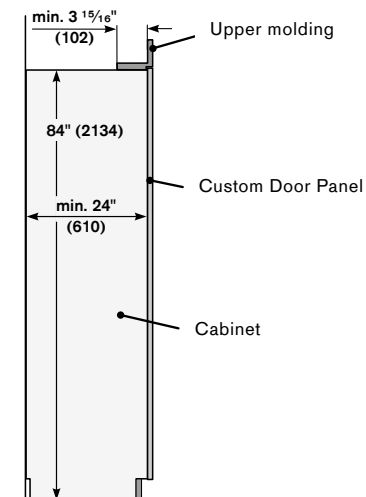
Horizontal cut Installation cutout



Planning principle for a side-by-side solution



Vertical cut Installation cutout



Installation cutout for a side-by-side solution

- 24" (610 mm) cooling appliance (right)
- 18" (457 mm) freezer (left)

In this example, the installation cutout is formed by a tall cupboard (left) and a stable toe kick (right) together with an appropriate upper molding for the cutout.

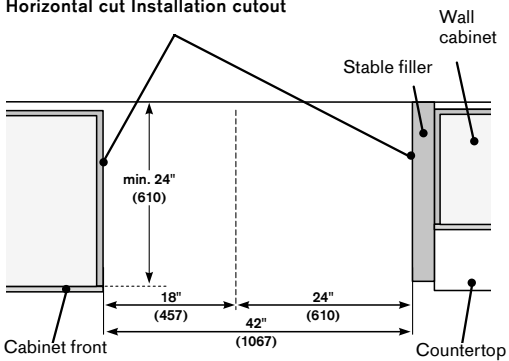
The cabinet door for both appliances comes in an identical design to the other kitchen fronts.

Requirements for the installation cutout:

- The side walls of the installation cutout must be completely even and flat along their entire depth
- Upper molding is at least 3 1/16" (100 mm) deep and made of a solid material (min. 5/8" (16 mm) thick)
- Width of the installation cutout:
24" (610 mm) + 18" (457 mm) = 42" (1,067 mm)
- Depth of the installation cutout: min. 24" (610 mm)

The side walls of the installation cutout must be completely even and flat along their entire depth.

Horizontal cut Installation cutout



Planning examples



Side-by-side solution 1

RF 471 / RC 492

Usability limitations: No limitation.

Installation accessories: 1x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: Door hinges on the outside.



Side-by-side solution 2

RW 414 / RB 472

Usability limitations: No limitation.

Installation accessories: 1x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: Door hinges on the outside. Change door hinge of RW.

If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.



Side-by-side solution 3

RW 414 / RY 492

Usability limitations: Not all doors can be opened at the same time. The left door of the RY may collide with the handle of the RW.

Installation accessories: 1x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: Fitting the left RY doors at 90° is recommended. Change door hinge of RW. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.



Combination of 3

RF 461 / RW 466 / RC 462

Usability limitations: The doors of RW and RC cannot be opened at the same time, but one after another.

Installation accessories: 2x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: All three appliances must be connected to each other before installation and pushed together into the installation cutout.



Maximum distance

RF 471 / RF 463 / RW 466 / RC 472

Usability limitations: No limitation. All doors can be opened fully.

Installation accessories: 2x RA 460 000 (SxS)*.

Notes: Two separate installation cutouts. Clearance is large enough to open all doors at the same time. Change door hinge of RW 466.

If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.



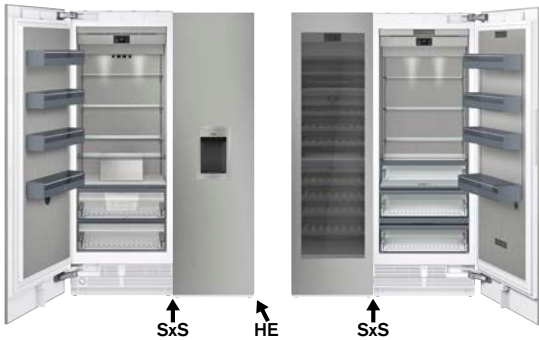
Distance $\geq 6 \frac{5}{16}$ " (160 mm)

RF 471 / RF 463 / RW 466 / RC 472

Usability limitations: The middle doors cannot be opened at the same time.

Installation accessories: 2x RA 460 000 (SxS)*.

Notes: Two separate installation cutouts. The clearance between the two installation cutouts is greater than $6 \frac{5}{16}$ " (160 mm). Change door hinge of RW. If using the stainless steel fronts with a handle (installation accessories), select the correct door hinges for the RW.



Distance $\leq 6 \frac{5}{16}$ " (160 mm)

RF 471 / RF 463 / RW 466 / RC 472

Usability limitations: It may be necessary to open the middle doors one after the other, rather than at the same time.

Installation accessories: 2x RA 460 000 (SxS)*, 1x RA 460 012 (HE)*.

Notes: Two separate installation cutouts with a stable filler between them. The clearance between the two installation cutouts is less than $6 \frac{5}{16}$ " (160 mm). Therefore, an additional side heating element is required. Change door hinge of RW. If using the stainless steel fronts with handle (installation accessories), select the correct door hinges for the RW.



Combination of 4

RF 471 / RF 463 / RW 466 / RC 472

Usability limitations: The middle doors cannot be opened at the same time.

Installation accessories: 3x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: All four appliances must be connected to each other before installation and pushed together into the installation cutout. Change door hinge of RF 471 and RW 466. If using the stainless steel fronts with handle (installation accessories), select the correct door hinges for the RW.



Combination of 4 - alternative

RF 471 / RF 463 / RW 466 / RC 472

Usability limitations: If the middle door is open, then neither of the outer doors can be opened.

Installation accessories: 3x RA 460 000 installation accessories for side-by-side installation (SxS)*.

Notes: The appliances in the middle are connected side-by-side. Connecting the others will require additional side heating elements. All four appliances must be connected to each other before installation and pushed together into the installation cutout.

Footnote:

*SxS Accessory for side-by-side installation. In a very humid environment always use the additional side heating element instead of the accessory for side-by-side installation.

*HE Additional side heating element. Always required, if the distance between the appliances is greater than $\frac{5}{8}$ " (16 mm) or less than $6 \frac{5}{16}$ " (160 mm).