

Miele

Operating and Installation instructions



Freezer with Ice/Water Dispenser F 1471 Vi

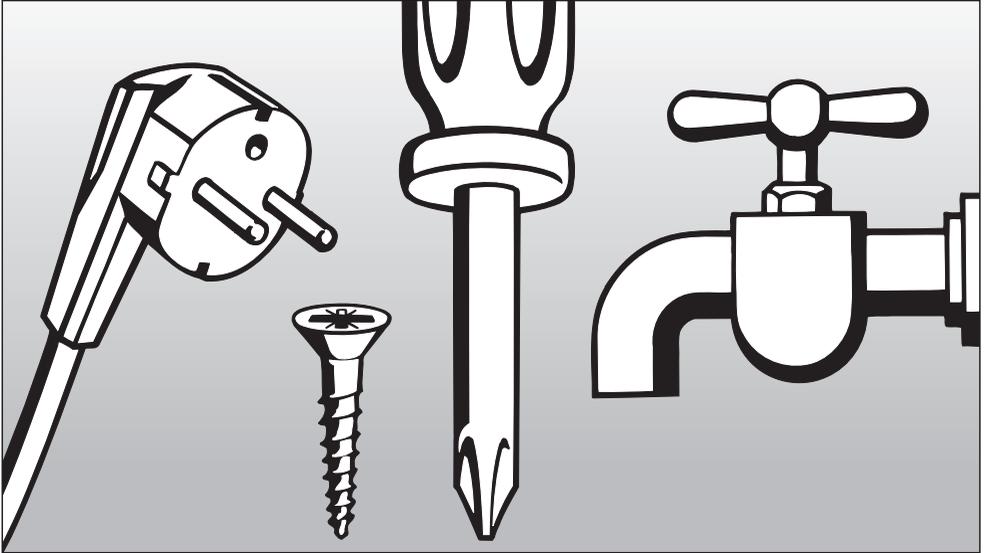
To prevent accidents
and machine damage
read these instructions

before

installation or use.

en - US, CA

M.-Nr. 07 155 770



Installation instructions

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and machine damage
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Caring for the environment

Disposal of packing materials

The cardboard box and packing materials are biodegradable and recyclable. Please recycle.

Ensure that any plastic wrappings, bags, etc., are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Disposal of an old appliance

Old appliances contain materials that can be recycled. Please contact your local recycling center about the possibility of recycling these materials.

Before discarding an old appliance, disconnect it from the gas and electrical supply and cut off the power cord to prevent it from becoming a hazard.

Have the appliance installed by a qualified technician, according to the enclosed installation instructions.

The manufacturer is not liable for damage to property due to an incorrect installation or water connection.

WARNING

This appliance is top-heavy and must be secured to prevent it from tipping forward.

Keep the door closed until the appliance is completely installed and secured as per the installation instructions.

Empty weight of your machine:

F 1471 Vi 309 lbs (140 kg)

Installation site

The appliance should be installed in a dry, well ventilated room.

Do not install the appliance:

- outdoors,
- in an environment with dripping water,
- in rooms which are at risk of frost.

The installation location should not be exposed to direct sunlight, nor near a heat source, such as an oven, radiator, etc.

The ambient temperature should not drop below 55°F (13°C) or rise above 110°F (43°C), otherwise malfunctions may occur.

If installation next to a heat source is unavoidable, use a suitable insulating plate or observe the following minimum distances from the heat source:

- 1 1/4" (3 cm) from an electric cooktop or oven.
- 12" (30 cm) from a gas cooktop or oven.

Installation

Base

A fully loaded appliance is very heavy. The load-bearing capacity of your floor must meet the following requirements:

F 1471 Vi 505 lbs (229 kg)

To ensure that the appliance is installed securely and functions properly, the base must be flat, level and made of a hard, rigid material.

If in doubt, contact Miele.

Furniture/fixtures

The new appliance will be mounted securely to adjacent and overhead furniture/fixtures.

For this reason it is essential that all attachable furniture/fixtures are connected securely to the base or the wall by suitable means.

Ventilation

The air intake and outlet must not be blocked or covered in any way. They also need to be dusted/cleaned on a regular basis.

Installation niche

To ensure safe, trouble-free installation and the best possible cosmetic result, check to be sure that the installation space complies with the installation dimensions. See "Niche dimensions".

The side walls of the installation cavity must be plumb.

The minimum thickness of the side walls and the top wall must be $\frac{5}{8}$ " (16 mm).

The minimum thickness of the toe-kick panel must be $\frac{1}{2}$ " (13 mm). A thickness of $\frac{3}{4}$ " (19 mm) is recommended.

Custom door panels

This appliance is compatible with all styles and designs of kitchen cabinetry.

The total weight of the decorative panel(s) must not exceed the following:

F 18X1 Vi 134 lbs (61 kg)

Installation options

There are many different installation options. These are limited only by the design of the kitchen.

The door hinge cannot be exchanged.

Single column

The appliance can be installed at any preferred location in the kitchen.

However, be sure the door will open and close properly in the chosen location.

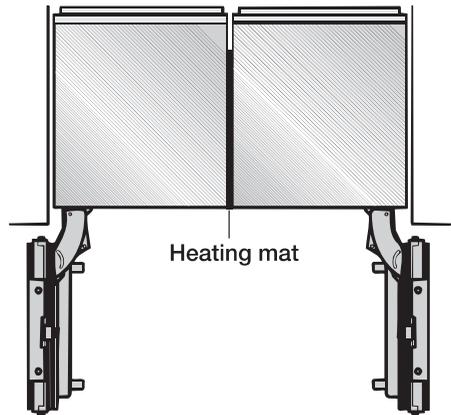
Side-by-side

This appliance can be installed "side-by-side" with another fridge/freezer using a "Merging Kit".

The "Merging Kit" can be obtained from Miele.

Contact Miele or your dealer for specific information about which combinations will work with your appliance.

. . . without partition



If the appliances are installed directly next to each other (without a partition), they will need to be attached together. A heating mat must also be installed. This will help avoid condensation and prevent damage.

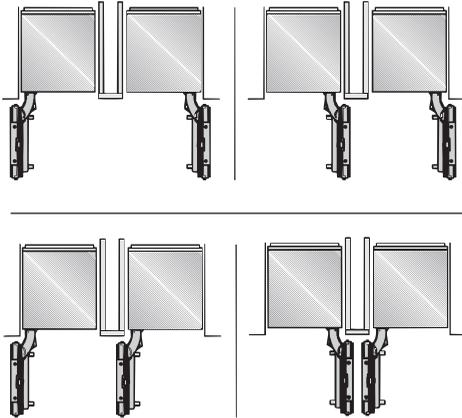
For instructions on how to attach the appliances and install the heating mat, please refer to the instructions included in the "Merging Kit" available from Miele.

Installation

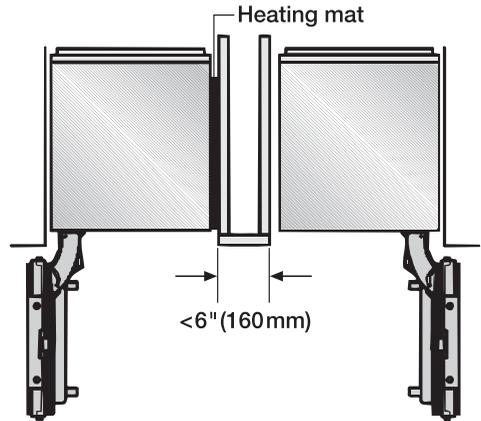
... with partition

The minimum thickness of the partition is $\frac{5}{8}$ " (16 mm).

If there is a partition between the adjacent appliances, then each appliance is to be individually installed within its own niche.



A heating mat must only be installed if the partition wall is less than 6" (160 mm) wide.



For instructions on how to install the heating mat please refer to the instructions included in the "Merging Kit".

The "Merging Kit" can be obtained from Miele.

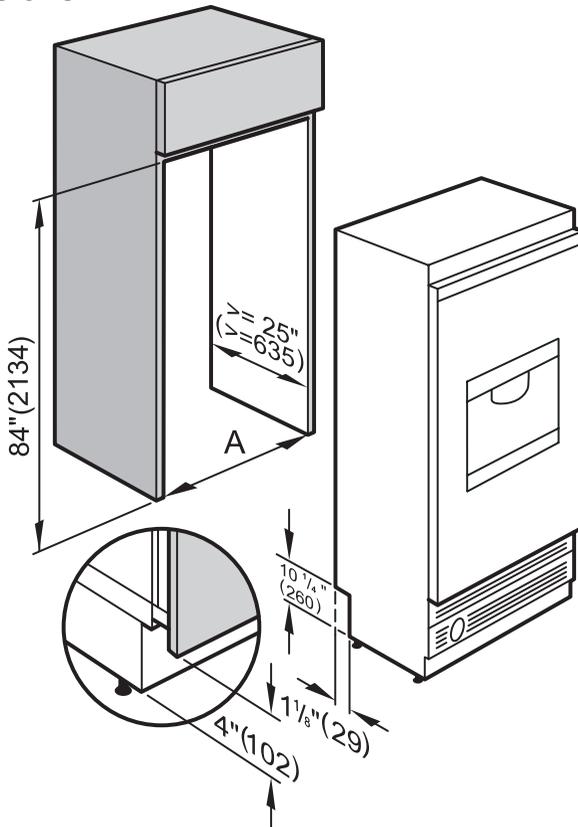
Side panels

If one side of the appliance is visible, a side panel must be used.

The side panel must be firmly secured to the wall, the floor and the overhead furniture/fixtures before the appliance is placed in the cavity.

The dimensions of the side panel are taken from the opposite wall of the installation space. During installation, ensure that the cavity is square and the measurements are correct.

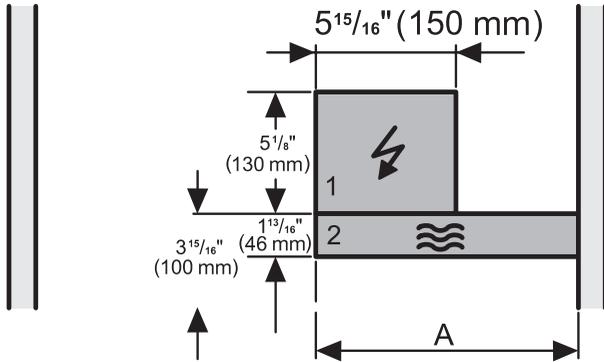
Niche dimensions



Niche width (A)

F 1471 Vi	18" (457 mm)
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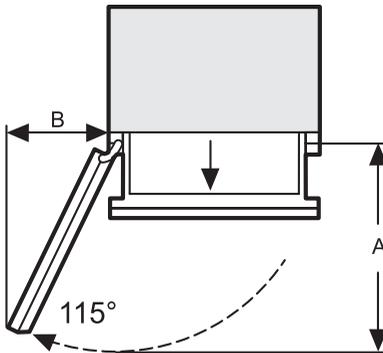
Dimensions



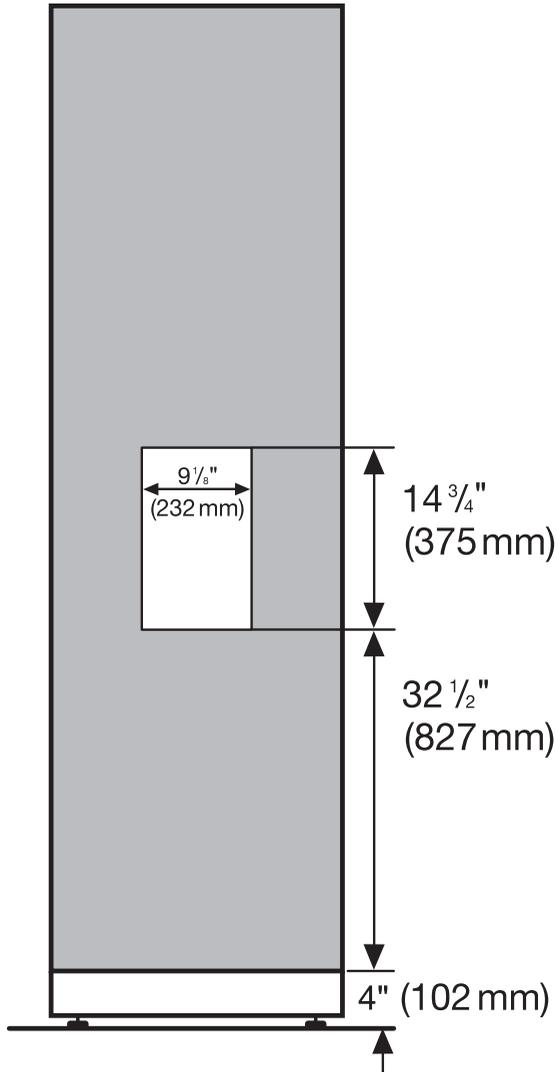
- 1. Power supply
- 2. Water connection

A	
F 1471 Vi	9" (229 mm)

Door dimensions (open min. 115°)



	A	B
F 1471 Vi	20 11/16" (525 mm)	9 3/16" (234 mm)



Installing the appliance

Before you begin

Read these instructions completely and carefully.
Have the appliance installed by a qualified technician, according to the enclosed installation instructions.

To reduce the risk of injury or damage to the product, two people should be used for installation.

These installation instructions are intended for use by qualified installers. In addition to these instructions, the appliance must be installed in accordance with all local codes, or in the absence of a local code.

- In the USA, in accordance with the National Electric Code, ANSI/NFPA 70 - latest edition/State and Municipal codes and/or local codes.
- In Canada, in accordance with the Canadian Electric code C22.1 - latest edition/Provincial and Municipal codes and/or local codes.

Tools needed for installation

- Cutter with adjustable blade
- Cordless screwdriver T 20
- Torx screwdriver T 20
- Hammer drill for drilling holes in wall or floor
- Wood drills in different sizes
- Hammer
- Open end wrench 1/2" (SW 13 mm)
- Box-end wrench
- 5/16" (8 mm) hex nut driver
- Adhesive tape
- Multi-grip pliers
- Level
- Metal tape measure
- Square

Other

- Stepladder
- Dolly, hand truck
- Wooden beam (cross section min. 29 1/2" x 39 3/8" [75 cm x 100 cm] as an alternative tilt protection, length depends on the width of the installation cavity)
- Wood screws in different sizes

Optional Tool

- "Merging Kit" for side-by-side installation.
- Front panel gap kit

Installing the appliance

Check the installation niche

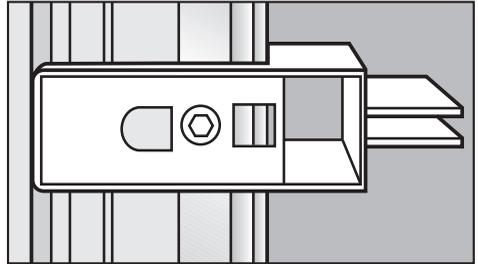
To ensure a safe, trouble-free installation and the best possible cosmetic result, check to be sure that the installation space complies with the installation requirements.

- Check the base (see "Installation").
- Check the dimensions of the cavity.
- Check that the cavity is square.
- Check the location of the power outlet.
- Check the location of the water connection (see "Plumbing").
- Check that all furniture parts in the vicinity of the appliance are securely connected to the wall.
- Check that the adjacent furniture/fixtures do not collide with the open door.

Before installation

 Caution - the appliance is very heavy. Use caution when unpacking and opening the door, danger of tipping.

- To protect the base from damage during installation, attach a hard board, linoleum, etc., to the floor in front of the intended installation location.
- Take the supplied accessories out of the protective packaging.



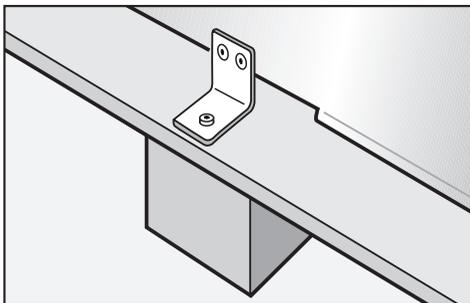
- Do **not** remove the installation supports from the appliance door. They will be used later in the installation niche.

There are transportation safety devices inside the appliance to protect the shelves and storage compartments until installation is complete. **Do not remove them**, or parts may be damaged.

- Check the appliance for damage in transit.

Do not install the appliance if it is visibly damaged. If in doubt, contact your dealer.

Installing the appliance



- Loosen the bracket that holds the appliance to the pallet.

⚠ Caution! The appliance is no longer secured and may be unstable.

- From the rear of the appliance carefully lift it from the pallet.

Once the appliance is on the ground it can be wheeled around.

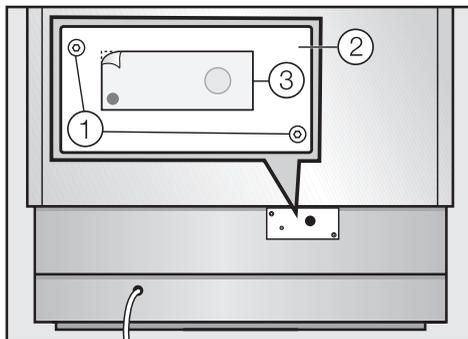
RemoteVision module installation

Always disconnect the appliance from the power supply when performing installation, maintenance or service work.

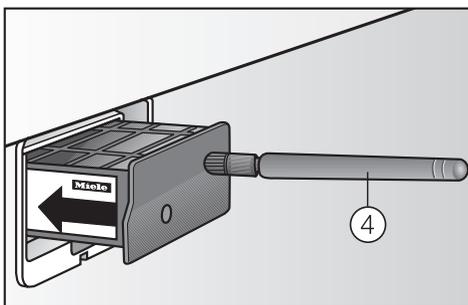
Install the RemoteVision module before placing the appliance in its installation niche.

Once connected the RemoteVision module will increase the energy consumption of the appliance.

The slot for the RemoteVision module is located in the lower area of the back of your appliance.



- Unscrew the screws ① on the cover ② and pull off the sticker ③.
- Remove the cover ②.



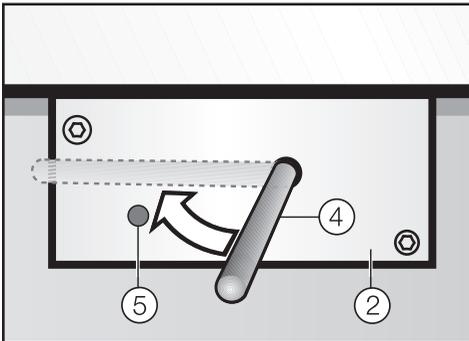
- Push the module into the slot until it locks into place.

Installing the appliance

- Connect the appliance to the power supply and turn it on. After several seconds the indicator light will come on.

The indicator light will display different colors one after the other; any control light at the end indicates that the module was correctly installed.

If the indicator light does not come on, installation of the module was unsuccessful. In that case, repeat the process. If that does not correct the problem, contact Miele.

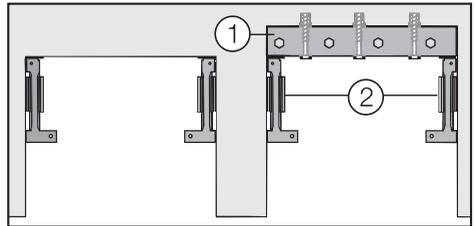


- Pull the antenna ④ straight out.
- Guide the cover ② over the antenna ④ and screw on the cover.
- Angle the antenna ④ so that it faces to the right or left.

If necessary, disconnect the power supply and continue installing the appliance.

Preparing the installation niche

Keep the appliance door closed until it is securely fastened in the niche. Tipping hazard.



If the installation niche is deeper than the appliance, a solid wooden beam ① can be placed behind the anti-tip brackets ② so the appliance can be securely attached to the base or wall.

The length of the wooden beam ① should be to the width of the installation space.

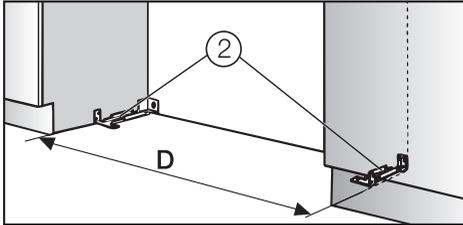
If possible, always screw the wooden beam into existing studs.

Installing the appliance

Anti-tip brackets

The anti-tip brackets help keep the appliance safely secured to the installation niche to prevent tipping.

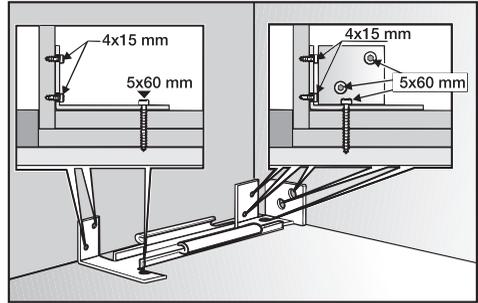
Two anti-tip brackets are recommended for each appliance or appliance combination (side-by-side).



The distance "D" between the anti-tip brackets ② is the width of the appliance.

- Position the anti-tip brackets ② on the left and right walls of the appliance niche.
- Mark the holes through the anti-tip brackets ② on the floor of the installation niche.
- Set the brackets aside.

Assure that there are no electrical wires or plumbing in the area which the screws could penetrate - risk of injury and damage.



- Drill pilot holes:
 - $\frac{1}{8}$ " (3 mm) for 5 x 60 mm wood screws
 - $\frac{1}{16}$ " (2 mm) for 4 x 15 mm wood screws
- Tightly secure the anti-tip brackets in the niche.

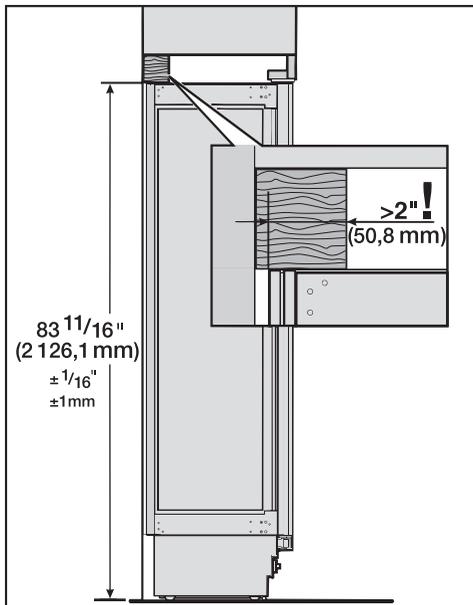
Be certain that the screws penetrate through the flooring and into the wall plate a minimum of $\frac{3}{4}$ " (19 mm).

Installing the appliance

Securing an alternative anti-tip device

If the anti-tip brackets cannot be attached securely, an alternative anti-tip device can be used. Ensure that there is no "give" between the appliance and the anti-tip device.

If possible, always screw the wooden beam to existing studs.



- Cut a wooden beam (cross section min. $29 \frac{1}{2}$ " x $39 \frac{3}{8}$ " [75 cm x 100 cm]) to the required length.

The length is equal to the width of the installation niche.

- If the installation niche is deeper than the appliance, select a beam with a larger cross section, or attach two beams.

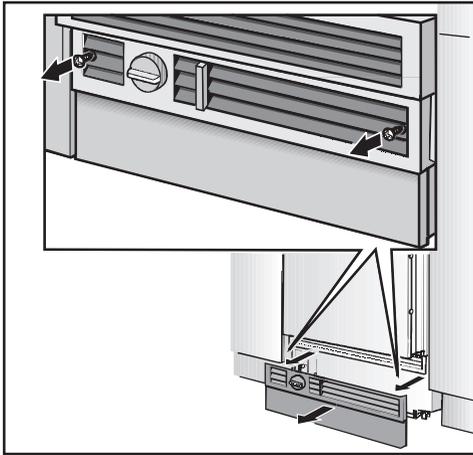
- The beam must cover the appliance by at least 2" (50.8 mm).
- Mark the installation height (lower edge of the beam) on the rear wall of the niche.
- Select screws according to the thickness of the wooden beam. Example: $3 \frac{1}{2}$ " screw for 2x4 beam.
- Determine the number of screws based on the cavity width, to ensure that the beam will be attached securely.
- Locate wall studs near the rear wall of the cavity and mark drill holes in the beam.
- Pre-drill the wooden beam.
- Attach the wooden beam to the rear wall of the niche.

If a side-by-side installation is desired, connect the two appliances together. See the Installation Manual included with the "Merging Kit".

Now prepare the water connection from the appliance to the main supply line (see "Plumbing").

Installing the appliance

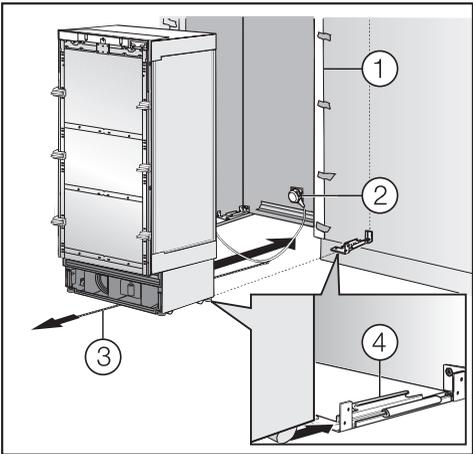
Sliding the appliance into the installation niche



In the case of side-by-side installations, a separate outlet must be used for each appliance.

- To prevent the power cord from becoming caught:
Tie a piece of string to the middle of the power cord and feed it forward under the appliance. When sliding the appliance in, pull the cable forward ③.
- Carefully slide the appliance into the space until the height-adjustable wheels interlock with the anti-tip brackets ④.

■ Unscrew the plinth.



If resistance is felt when attempting to slide the appliance into the installation niche - for example, because the floor is uneven,

- Turn the rear adjustable wheels slightly outward (see "Aligning the appliance"), then push the appliance in.

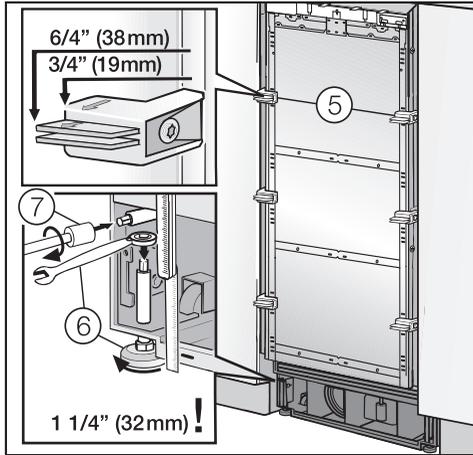
Be careful not to damage the water pipe or power cord attached to the floor.

- Remove the edge protector ①.

- To protect the corners of the installation space, attach the supplied edge protector ① on both sides with adhesive tape.
- Plug the appliance into the power outlet ②.

Aligning the appliance

- Align the appliance with the custom front.



The installation aids ⑤ have been designed for the following total thicknesses of custom doors:

- $\frac{3}{4}$ " (19 mm)
- $1\frac{1}{2}$ " (38 mm)

Be sure to take into account the possible differing thicknesses of the custom door that is to be fitted subsequently.

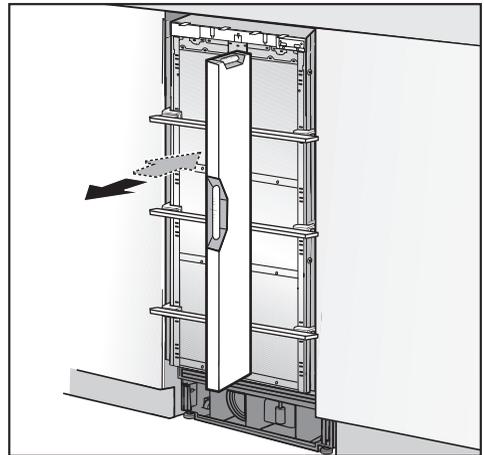
The height-adjustable feet at the front and rear can all be adjusted from the front.

- Front: with an open-ended wrench $\frac{1}{2}$ " (SW 13).
The feet can be adjusted from the top and bottom ⑥.
- Rear: with a $\frac{5}{16}$ " (8 mm) hex nut driver via flexible shaft ⑦.

A mark is located on the appliance base and is used as a standard gauge for height adjustment. When adjusting the height, align this mark at $1\frac{1}{4}$ " (32 mm) above the floor.

- Place a marking-out level over the installation aids ⑤ on the door.
- Unscrew the height-adjustable feet until the mark on the base has reached the indicated guide dimension $1\frac{1}{4}$ " (32 mm).

It is very important to comply with this dimension for the subsequent alignment of the custom door fronts.



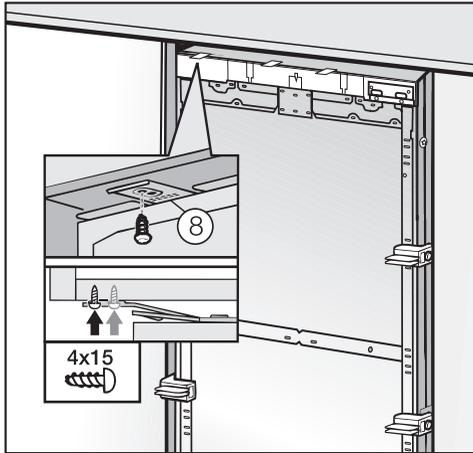
- Align the custom door with a level.

Installing the appliance

Note:

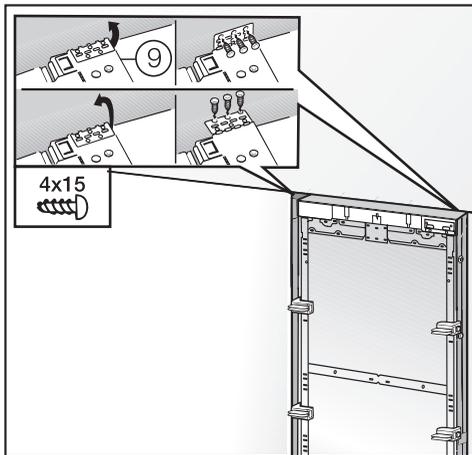
- Do not twist or jam the appliance inside the niche. When unscrewing the height-adjustable feet, proceed gradually, alternating between left and right.
- The adjustment of the rear feet is aided if the appliance is lifted at the rear (tipped forward slightly).
- If using a wooden beam as an alternative anti-tip device, rotate the appliance all the way toward the wooden beam.
- Do not use a power tool to adjust the rear feet!

Attaching the appliance to the installation niche



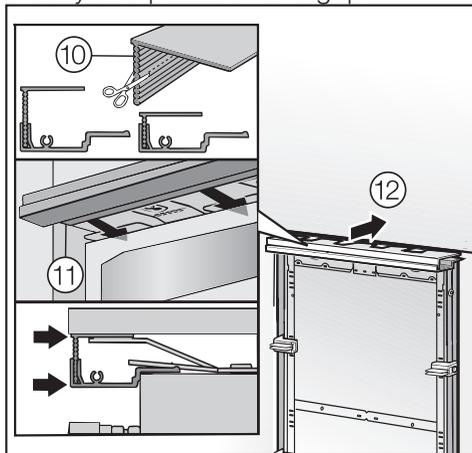
- Screw the attachment plate lugs (8) to the overhead furniture/fixtures.

If there is no way to attach the top of the appliance, it can be attached to the sides of the installation niche.



- Pull out the plate side lugs (9).
- Secure the attachment plate side lugs.

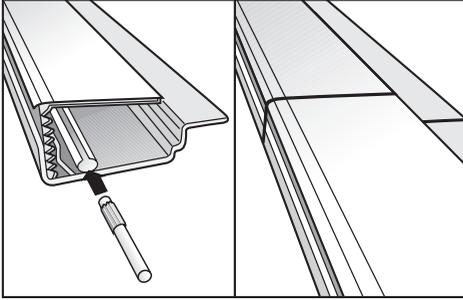
If there is a fairly large gap above the appliance, cut a wooden beam to fit exactly and place it in the gap.



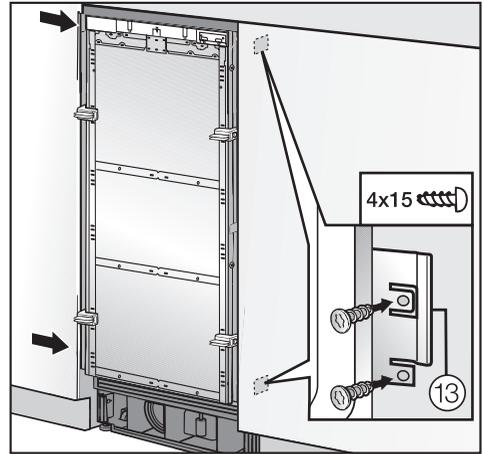
- If necessary, shorten the filler strip (10) to the required height.
- Place the 2 strips on top of each other (11).
- Insert the filler strip until you hear it click into place (12).

Installing the appliance

For a side-by-side combination the filler strips from both appliances are put together to form one long filler strip:



- Take the peg from the "side-by-side merging kit" and insert it halfway into the filler strip rail on the left-side appliance.
- Place the second filler strip on the peg and press both filler strips together.
- Insert both filler strips into the installation space above the appliance, until they click into place.
- Open the appliance door.



- Screw the attachment plate lugs ⑬ to the adjacent furniture/fixtures.

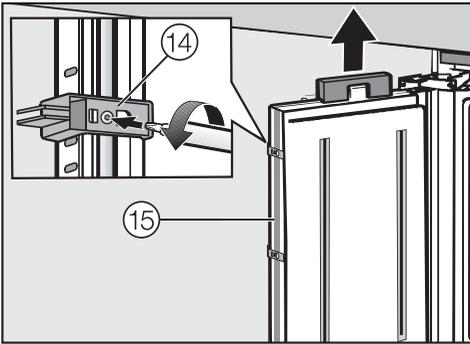
If a side-by-side installation is desired, connect the two appliances together. See the Installation Manual included with the "Merging Kit".

Now connect the water supply to the appliance (see "Plumbing").

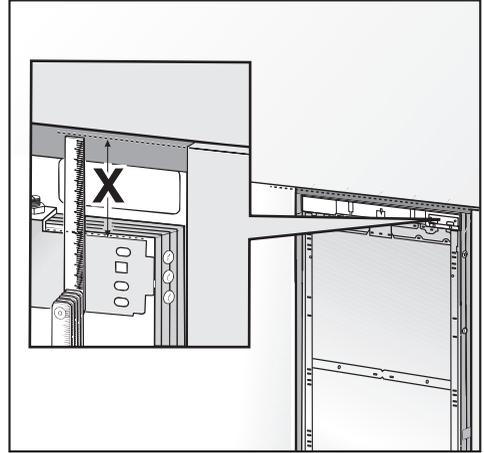
Installing the appliance

Preparing the custom door

- Open the appliance door.

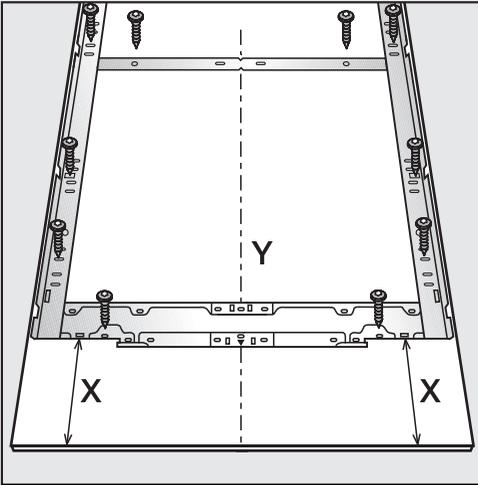


- Unscrew the installation supports ⑭ from the appliance door.
- Loosen the remaining screws from the strips ⑮ on each side of the door, then remove.
- Set aside the screws and side strips ⑮ - you will need them again later.
- Remove the light switch cover (see arrow).



- Measure the distance **X** between the bracket from the door and the overhead furniture/fixtures.
- Loosen the two nuts.
Set aside the nuts - you will need them again later.
- With the inside facing up, lay the custom door on a stable surface (to avoid scratch marks, place some plastic or a cloth on the surface).

Installing the appliance



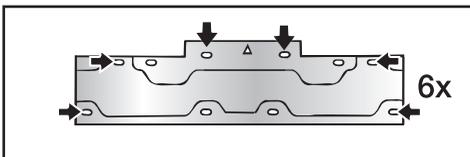
The bracket includes a variety of holes for the various design options of custom doors.

When performing work on the custom door, always observe the following:

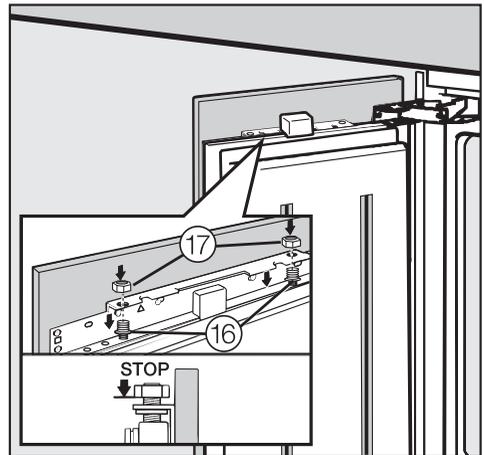
- Always select the best load-bearing surface of the custom door as the location for screws.
- Always select a screw length that is shorter than the thickness of the door front.

Attaching and aligning the custom door front

- Mark the distance **X** on the back-side of the custom door.
- Also calculate and mark the center of the custom door **Y**.
- Remove the mounting frame from the appliance door and position it according to the markings on the custom door.
- Pre-drill the holes.
- Tightly screw on the bracket using the pre-drilled holes: Attach the bracket to each attachment point with at least one screw.



- Fit the door handle to the custom door. Note that the screws are applied from the reverse side.

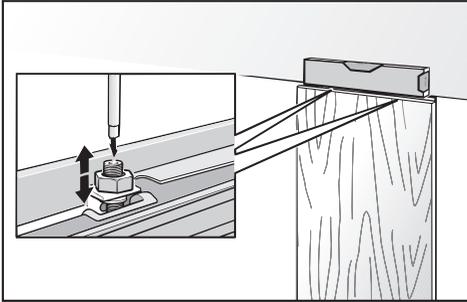


- Attach the bracket at the top with at least 6 screws.

- Open the door and hang the custom door with the adjusting rail over the double-threaded bolts ⑯.
- Screw the nuts ⑰ a few turns onto the double-threaded bolts. **Do not** tighten completely.
- Close the door.

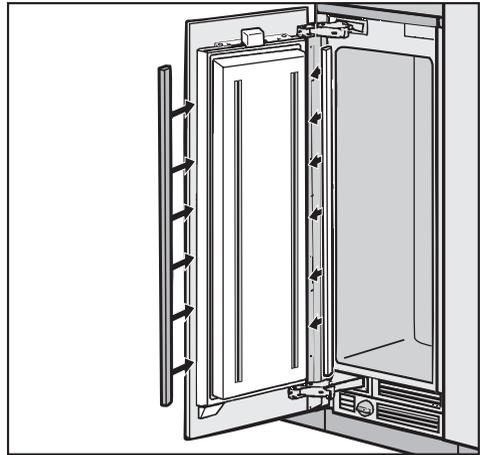
Installing the appliance

- Adjust the custom door to adjacent furniture/fixtures.

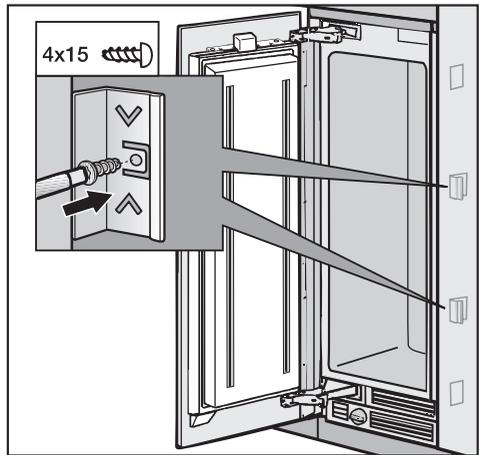


- Align the custom door with the double-threaded bolts.
- Tighten the nuts on the adjusting rail. This will correct the side alignment of the door.
- Put the side strips (15) back into place and screw them completely down on both sides of the appliance door.
- Align the custom door again as needed and tighten all screws on the sides.

Attaching the covers

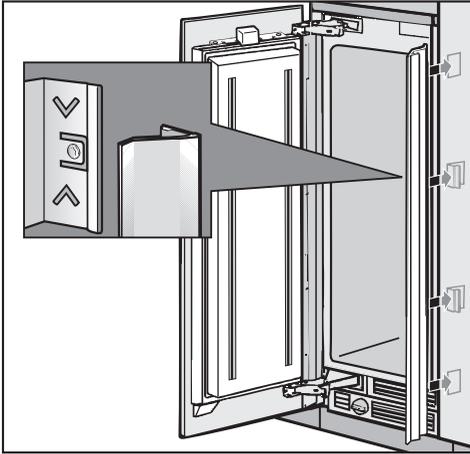


- To mount the cover strips on both sides of the door, click them into place from bottom to top, into the gap between the appliance door and the custom door.

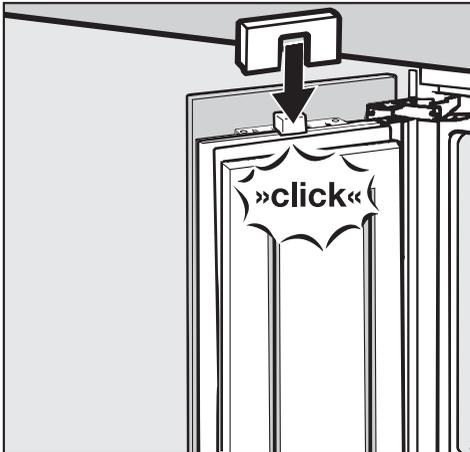


- Screw the brackets onto both sides of the appliance, to hold the cover strip.

Installing the appliance



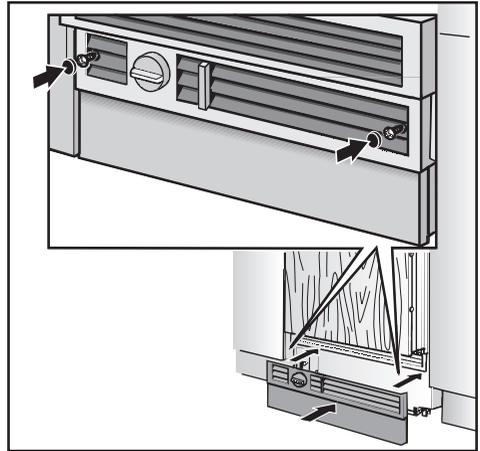
- Insert the cover strip into the space between the appliance and the side panel. For side-by-side combinations, the cover strips (on both sides of the appliance) are applied to the outermost spaces only.



- Attach the light switch cover.

Attaching the toe-kick panel

The maximum height of the toe-kick panel is 4" from the top of the floor. Do not cover the ventilation slits in the base panel. Risk of damage to the appliance.

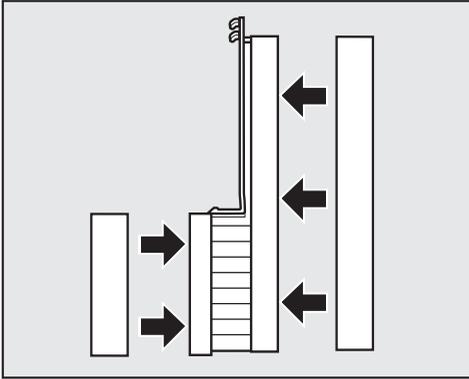


- If required, cut the toe-kick panel to the required length and height.
- Attach the plinth to the appliance.
- Put the included covering plate in place.
- Attach the toe-kick panel to the plinth.

Installing the appliance

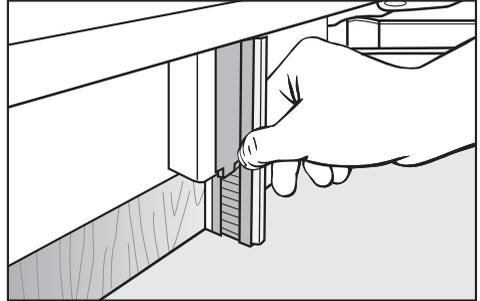
Mounting the air separator

The air separator on the inside of the freezer door keeps the supply and exhaust air separate. This prevents warm exhaust air from flowing into the machine, optimizing the energy performance of the unit.



- If necessary, shorten the three parts of the air separator.
- Insert the foam pieces back into the sides.

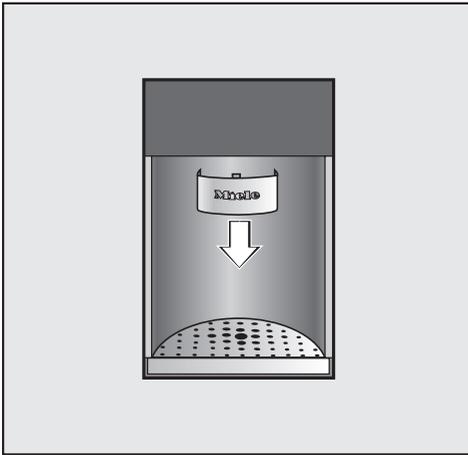
- Open the freezer door.



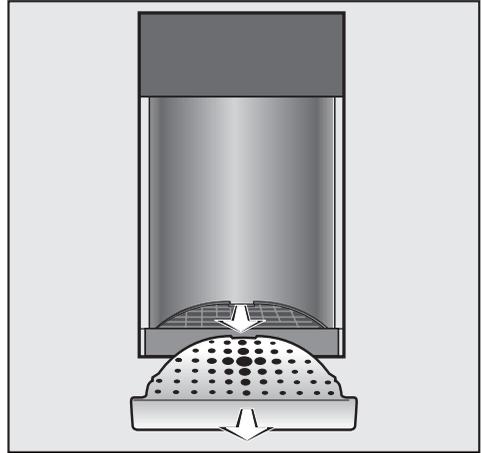
- Wedge the air separator at the bottom of the freezer door, so it connects in place.

Aligning the Ice/Water Dispenser

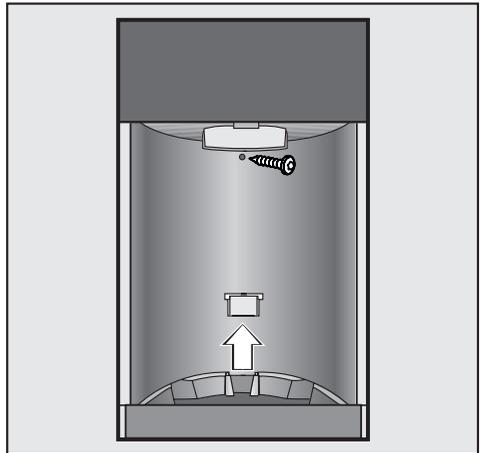
If necessary the depth of the Ice/Water dispenser can be aligned from inside the custom door cut-out. This allows the dispenser to be aligned with the custom door to achieve the best possible appearance.



- Press the dispenser back and pull downwards to remove.

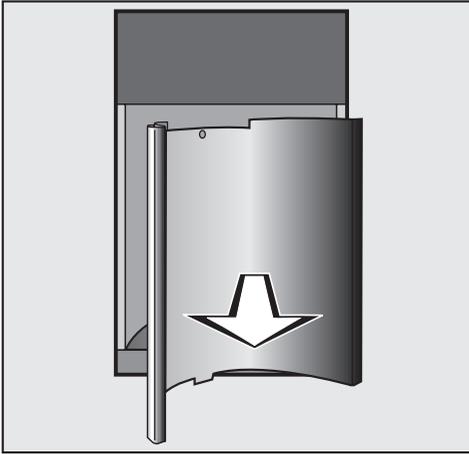


- Remove the cover and the plastic grill.

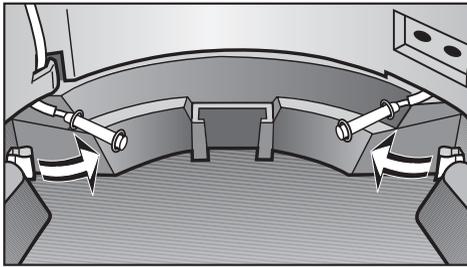


- Remove the screw from the rear casing, then lift the tab on the drip tray up and off.

Installing the appliance

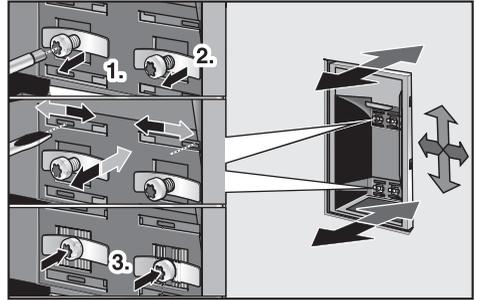


- Pull the rear cover forward and out.



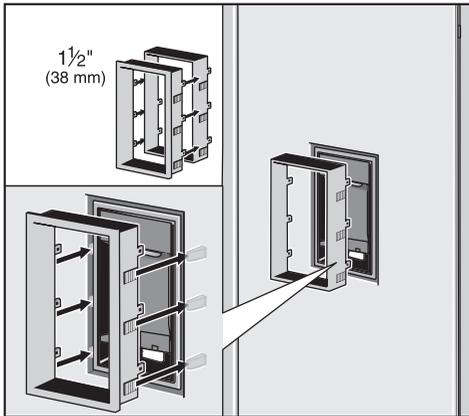
- To remove the drip tray, begin by carefully unclipping the water sensors, then bend them gently upward.

Once the drip tray has been removed, the four aligners can be accessed to adjust the Ice/Water Dispenser to your liking.



- Loosen the screws of the four clamps.
- Insert a screwdriver into one of the four slots and push sideways until the dispenser is aligned with the custom door (the gray arrow will adjust to the rear; the black arrow will adjust front).
- Re-tighten the screws of the clamps.
- Insert the drip tray back into place, then clip the water sensors back onto the drip tray.
- Replace the rear cover, panel and screw.
- Replace the drip tray and cover.
- Finish by putting the plastic grill, cover, and dispenser back into place.

Attaching the frame and the shelf



For $\frac{3}{4}$ " (19 mm) thick custom doors:

- Slide the cover frame onto the Ice/Water Dispenser and press until it is flush with the door surface (be sure the word "TOP" on the cover frame is upward).

For 1 $\frac{1}{2}$ " / (38 mm) thick custom doors:

- Press the extension frame onto the cover frame.
- Slide the cover frame onto the dispenser and press until it is flush with the door surface (be sure the word "TOP" on the cover frame is upward).
- Insert the cover frame.

Plumbing

All plumbing work should be carried out by a suitably qualified and competent person, in accordance with all applicable local and national regulations.

The manufacturer is not liable for damage to property due to an incorrect installation or water connection.

The water quality must conform to country requirements for drinking water.

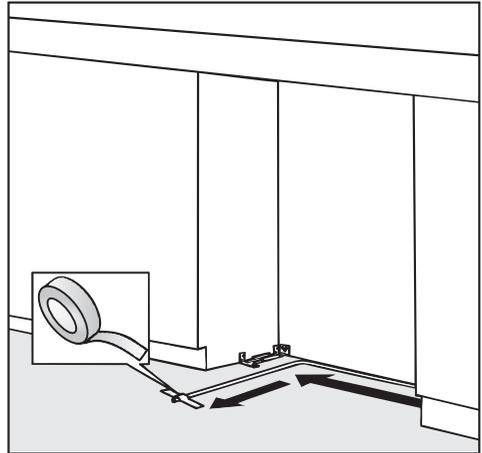
- The appliance is only suitable for connection to the cold water supply.
- The water pressure must be between 25 and 120 psi (1.72-8.25 bar).
- A separate shut-off valve must be installed, so that the water supply can be interrupted as needed.
- The maximum outer diameter of the water pipe (without fittings):
 $\frac{3}{8}$ " (10 mm).

The shut-off valve for the water connection must not be located behind the appliance. It is recommended to place the shut-off valve directly next to the appliance (base unit) or in another easily accessible location.

Preparing the water connection

The connection to the household water supply must be installed before the appliance is installed.

- Turn off the main water valve to prevent damage caused by leaking water.
- Attach the connecting pipe to the shut-off valve, according to the instructions supplied by the manufacturer of the ice cube maker installation kit.
- Install the connecting pipe. Always observe the indicated clearance dimensions to prevent damage to the connecting pipe when pushing in the appliance.



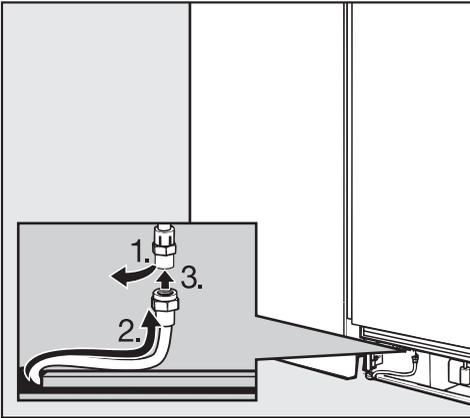
- Secure the connecting pipe to the floor with adhesive tape.
- You may now proceed to install the appliance. See "Installing the appliance".

Plumbing

Connecting the water supply

When connecting the water pipe to the solenoid valve of the appliance, follow the instructions supplied by the manufacturer of the ice cube maker installation kit.

When bending the water pipe, be sure not to kink it, otherwise there is a risk of leaks and water damage. Use bending aids.



- Remove the cap from the appliance connection, **1**.
- Bend the water pipe to suit the location of the connection on the appliance, **2**.

- Push the union nut and seal onto the water pipe.
- Push the end of the water pipe into the appliance connection and screw on the union nut, **3**. First tighten by hand.
- Then use an open-ended wrench to tighten the union nut. Do not over tighten.
- Open the shut-off valve and the main water connection. Check for leaks at the connection for the shut-off valve and to the appliance.
- Switch the appliance on.

After a maximum of 10 hours the first ice cubes will drop out of the ice cube maker and collect in the drawer.

 Avoid the risk of electrical shock

- Plug into a grounded 3-prong outlet.
- Do not move the ground plug.
- Do not use an adapter.
- Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Improper connection of the equipment grounding conductor may result in electric shock. If you are in any doubt as to whether the appliance has been properly grounded, have the appliance checked by a qualified electrician or service technician.

Installation, repairs and other work by unqualified persons could be dangerous. The manufacturer will not be held responsible for damage or injury arising from unauthorized work.

Before installing the appliance, verify that the voltage, load and circuit rating information found on the data plate match the household electrical supply.

The appliance comes with a UL-listed, 3-wire power supply cord.

The appliance requires a 3-wire receptacle.

The receptacle must be installed by a licensed electrician only.

In the case of side-by-side installations, a separate outlet must be used for each appliance. Ideally, the power outlet should be next to the appliance and easily accessible. Do not connect the appliance to the power supply by an extension cord. Extension cords do not guarantee the required safety of the appliance (danger of overheating).

If any changes are needed to the household wiring or power supply, this work must be performed by a qualified electrician.

If there are any questions regarding the electrical connection of this appliance to the power supply, please consult a licensed electrician or call the Miele Technical Service.

 1-800-999-1360

 1-800-565-6435

**Please have the model and serial number
of your appliance available before
contacting Technical Service.**



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