

Miele

Operating and Installation Instructions



Wine Storage Unit KWT 1601 Vi KWT 1611 Vi

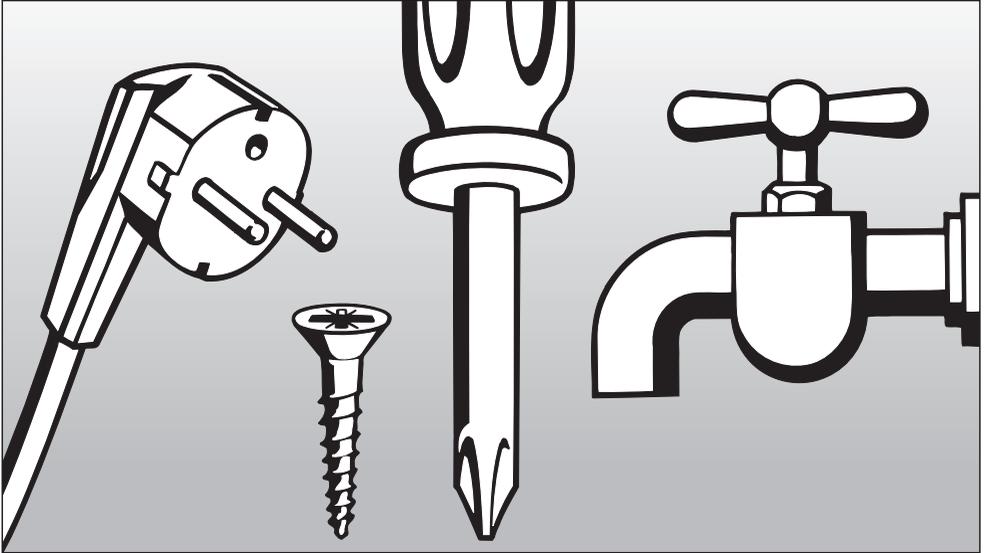
To prevent accidents
and machine damage
read these instructions

before

installation or use.

en - US, CA

M.-Nr. 07 175 280



Installation instructions

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and machine damage
read these instructions

before
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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.

 In areas with a tropical climate (over 100°F/38°C and more than 70% air humidity) the wine cooler must only be operated in air conditioned locations. Otherwise the function of the machine cannot be guaranteed.

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.

 **WARNING**
This appliance is top-heavy and must be secured to prevent the possibility of tipping forward. Anti-tip protection is required. Keep the door closed until the appliance is completely installed and secured as per the installation instructions.

Empty weight of your machine:

KWT 16X1 Vi 337 lbs (153 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:

KWT 16x1 Vi 805 lbs (365 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 5/8" (16 mm).

The minimum thickness of the toe-kick panel must be 1/2" (13 mm). A thickness of 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:

KWT 16x1 128 lbs (58 kg)

Do not install a solid custom door panel onto the front of the appliance. Condensation will form between the glass and custom door.

Installation options

There are many different installation options. You 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.

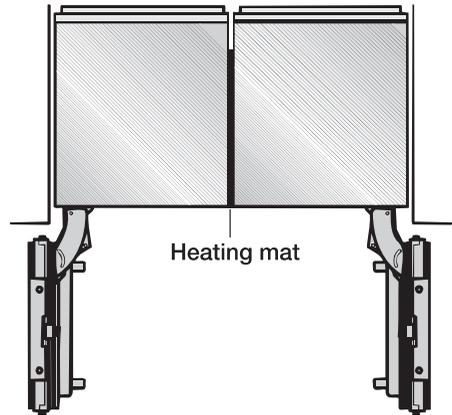
Side-by-side

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.

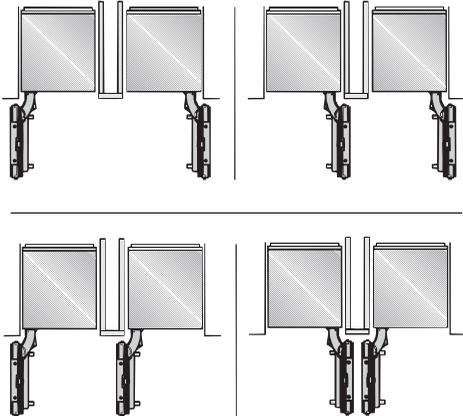
For instructions on how to attach the appliances and install the heating mat, please refer to the instructions included in the "Merging Kit" available from Miele.

Installation

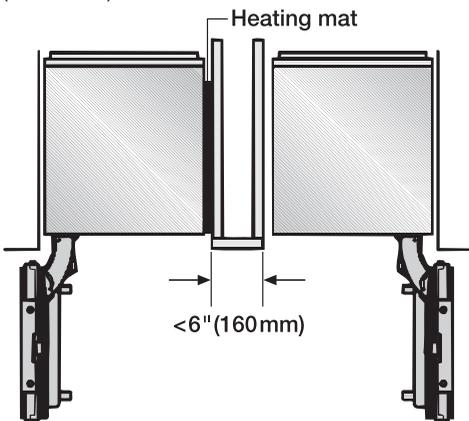
... with partition

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.

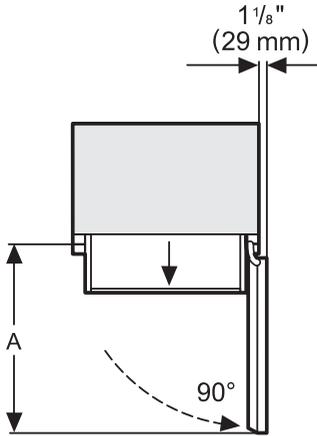
Side panels

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

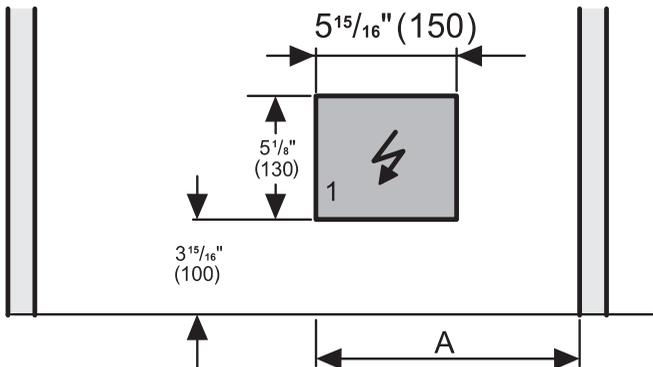
The side panel must be firmly secured to the wall, the floor and the overhead furniture/fixtures before the appliance is placed in the cavity.

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.

Door dimensions (open min. 90°)



A	
KWT 16x1 Vi	26 5/8" (677 mm)

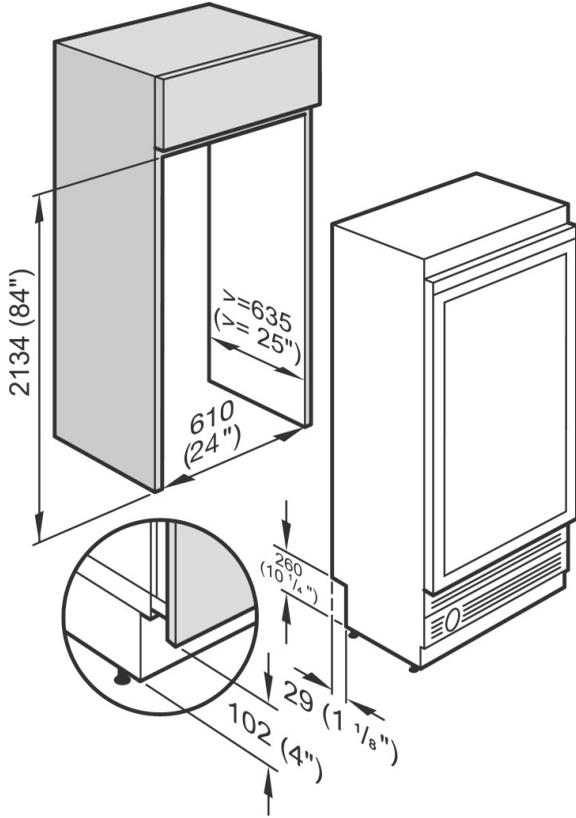


A	
KWT 16x1 Vi	12" (305 mm)

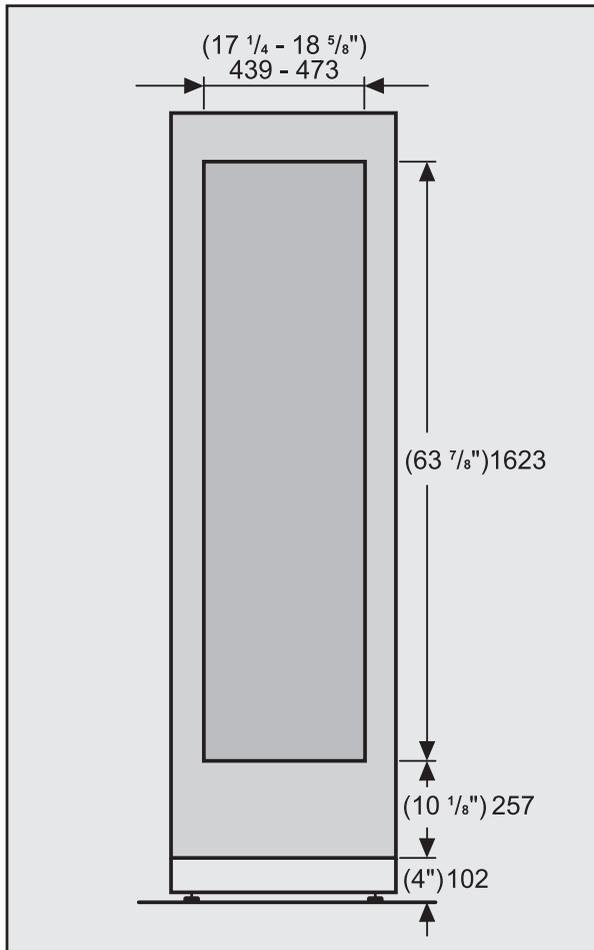
1. Power supply

Dimensions

Niche dimensions



Dimensions



Installation

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. In the absence of a local code, the following should be used:

- In the USA, the National Electric Code, ANSI/NFPA 70 - latest edition/State and Municipal codes and/or local codes.
- In Canada, 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 tuck
- Wooden beam (cross section min. 3" x 4" [75 cm x 100 cm]) as an alternative tilt protection, length according to the width of the installation cavity)
- Wooden screws in different sizes

Optional Tool

- "Merging Kit" for side-by-side installation.

Check the installation niche

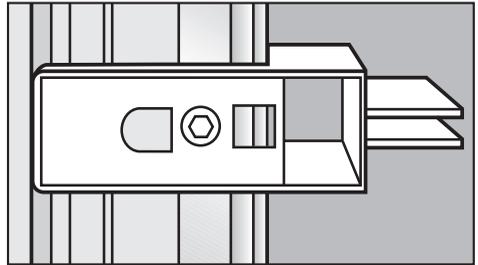
To ensure a safe, trouble-free installation and the best possible cosmetic result, check to be sure that the installation space complies with the installation requirements.

- 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 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.



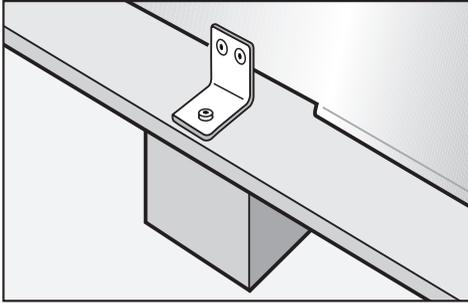
- Do **not** remove the installation supports from the appliance doors. They will be used later in the installation niche.

There are transportation safety devices inside the appliance to protect the shelves 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 Miele.

Installation



- 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 rolled around.

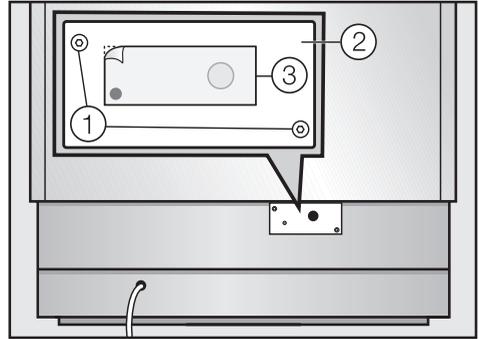
RemoteVision module installation

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

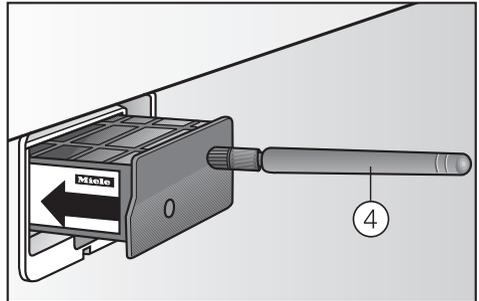
Install the RemoteVision module before placing the appliance in its installation niche.

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.



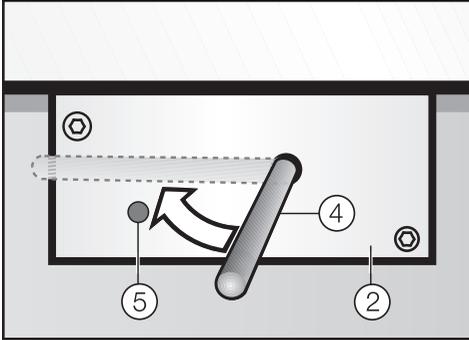
- Unscrew the screws ① on the cover ② and pull off the sticker ③.
- Remove the cover ②.



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

If you would like to connect your appliance to the Home Security System, proceed now (see "Home Security System").

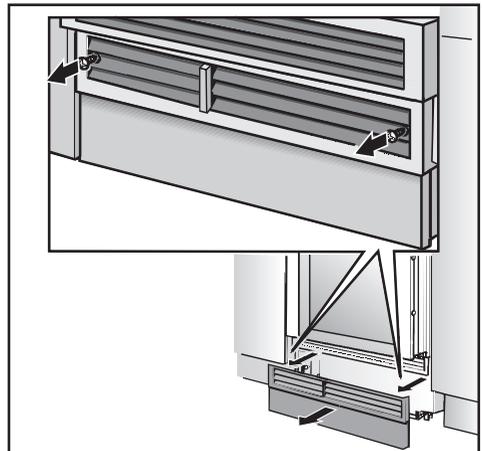
Home Security System (HSS)

If desired, the wine storage unit can be connected to the security system of your house, via a switching contact. If connected, you will be immediately informed of rising temperatures in the wine cooler.

The Home security system connection must be hooked up before the unit is installed.

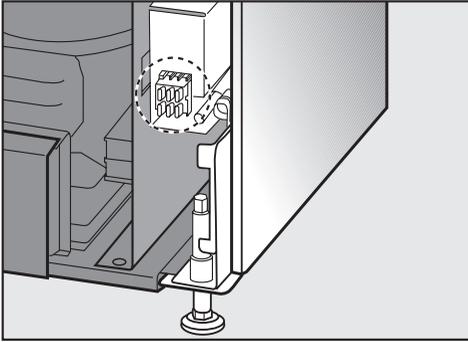
Contact a qualified electrician or authorized agent from alarm company to connect your home's security system to the wine cellar.

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



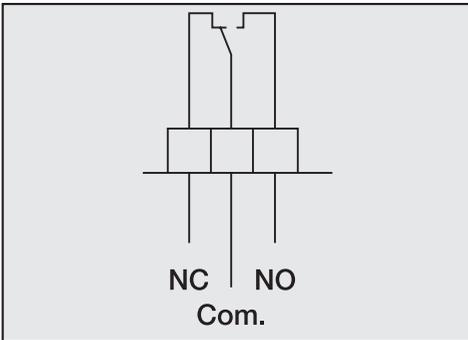
- Remove the toe-kick panel from the appliance.

Installation



- Choose the desired switching contact and connect according to alarm system requirements.

Output of the Home Security System on the electronic board:



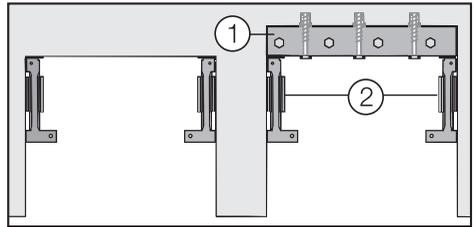
- NC: normally closed
- Com: common
- NO: normally open

Switching capacity: 120 V/250mA
30 V/1A

- Continue with the appliance installation.

Preparing the installation niche

Keep the appliance doors 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.

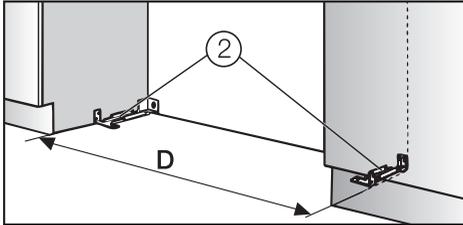
The length of the wooden beam ① should be to the width of the installation space.

If possible, always screw the wooden beam into existing studs on the rear panel of the niche.

Anti-tip-brackets

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

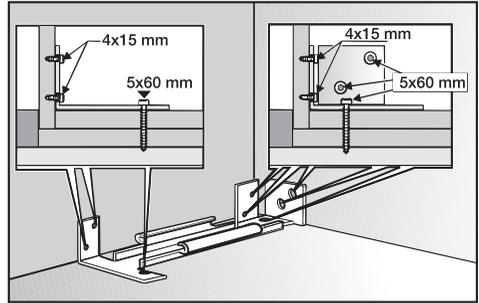
Two anti-tip brackets are recommended for each appliance or appliance combination (side-by-side).



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:
 - 1/8" (3 mm) for the 5 x 60 mm wood screws
 - 1/16" (2 mm) for the 4 x 15 mm wood screws.
- Tightly secure the anti-tip brackets in the niche.

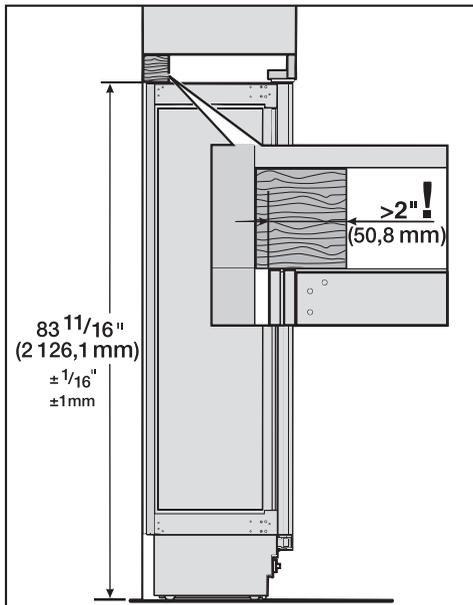
Be certain that the screws penetrate through the flooring and into the wall plate a minimum of $\frac{3}{4}$ " (19 mm).

Installation

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. 3" x 4" [75 cm x 100 cm]) to the required length.

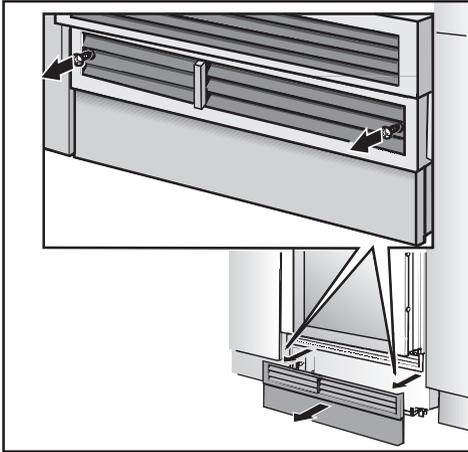
The length is equal to the width of the installation niche.

- If the installation cavity is deeper than the appliance, select a beam which has 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 1/2" (89 mm) 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".

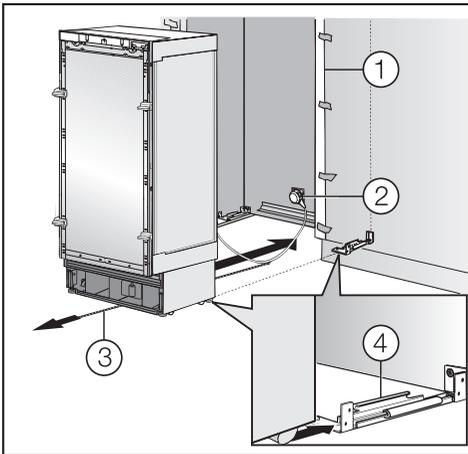
Sliding the appliance into the installation niche



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.

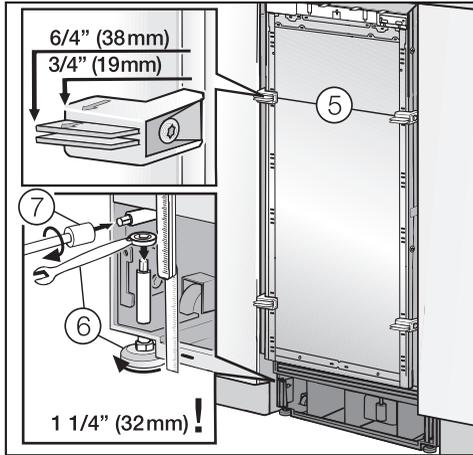
- Remove the edge protector ①.

- 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.

Installation

Aligning the appliance

- Align the appliance with the custom front.



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

- 3/4" (19 mm)
- 1 1/2" (38 mm).

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

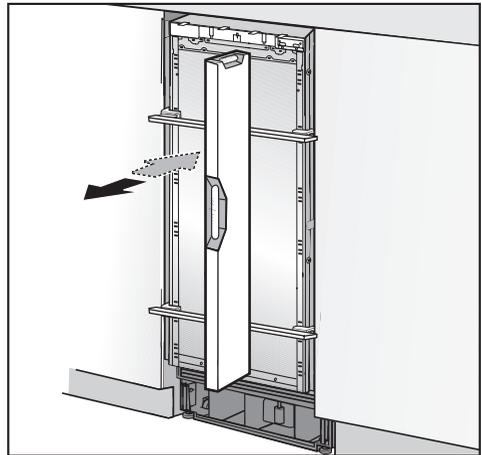
The height-adjustable feet at the front and rear can all be adjusted from the front.

- Front: with an open-ended wrench 1/2" (SW 13).
The feet can be adjusted from the top and bottom ⑥.
- Rear: with a 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 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 1/4" (32 mm).

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

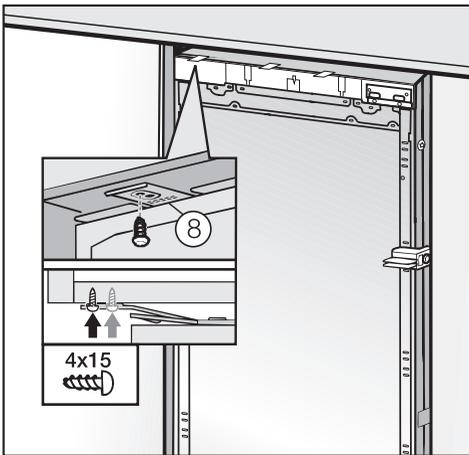


- Align the custom doors with a level.

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!

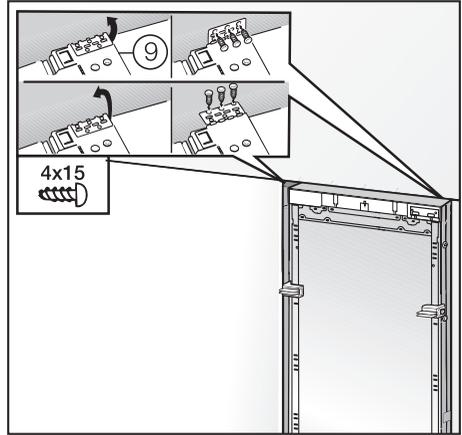
Attaching the appliance to the installation niche



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

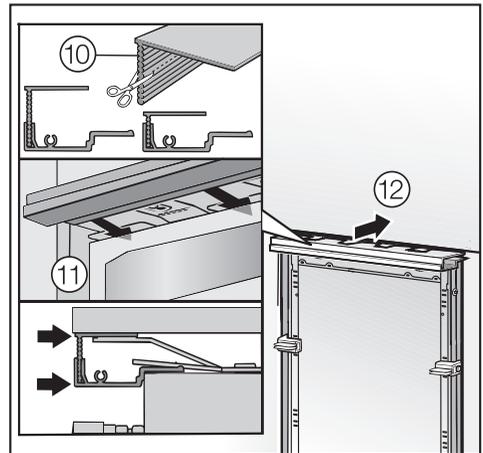
If there is no way to attach the top of the appliance, it can be attached to the sides of the installation niche.

- Pull out the plate side lugs ⑨.



- Secure the attachment plate side lugs.

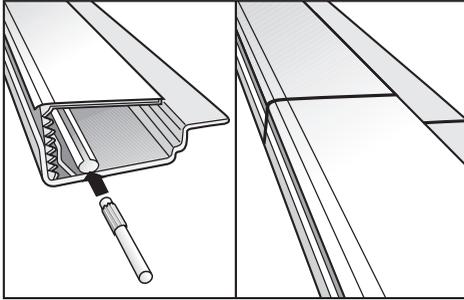
If there is a fairly large gap above the appliance, cut a wooden beam to fit exactly and place it in the gap.



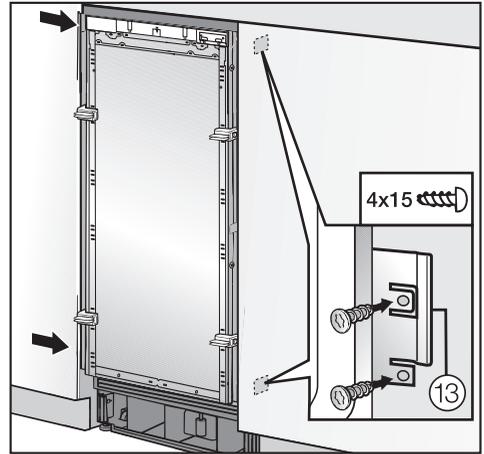
- If necessary, shorten the filler strip ⑩ to the required height.
- Place the 2 strips on top of each other ⑪.
- Insert the filler strip until you hear it click into place ⑫.

Installation

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



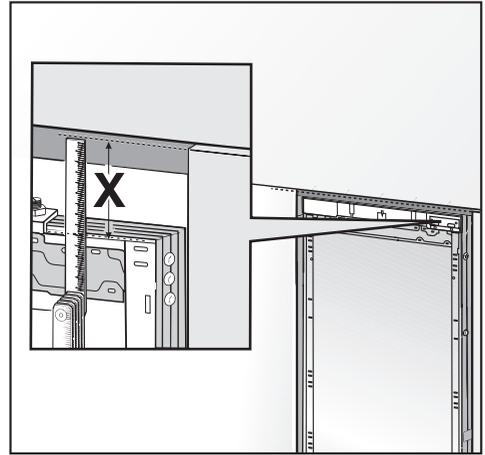
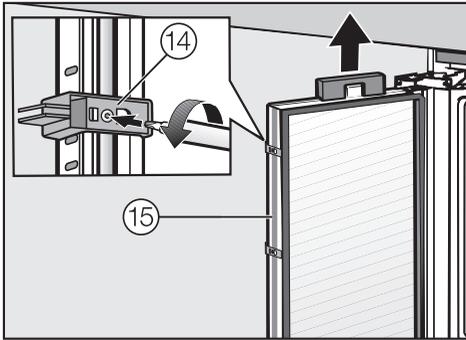
- Take the peg from the "side-by-side merging kit" and insert it halfway into the filler strip rail on the left-side appliance.
- Place the second filler strip on the peg and press both filler strips together.
- Insert both filler strips into the installation space above the appliance, until they click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



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

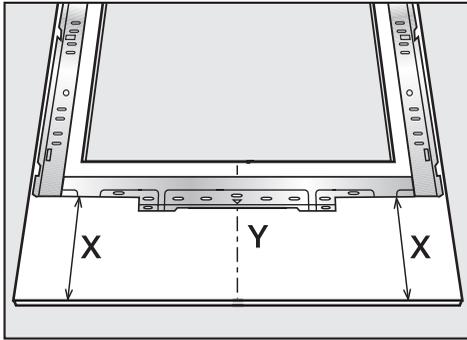
With side-by-side combinations, only the external side of the appliances can be secured to the niche.

Preparing the custom door

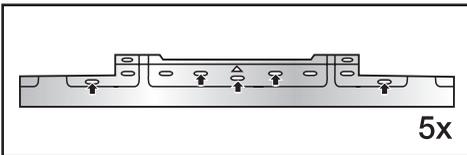


- Open the appliance door.
 - Unscrew the installation supports (14) from the appliance door.
 - Loosen the remaining screws from the strips (15) on each side of the door, then remove.
 - Set aside the screws and side strips (15) - you will need them again later.
 - Take off the light switch cover.
 - Close the appliance door.
- Measure the distance **X** between the bracket 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).

Installation



- 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.
- Attach the bracket at the top with at least 5 screws:



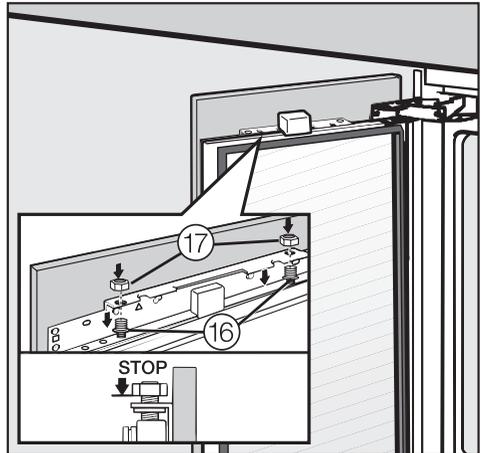
The bracket includes a variety of holes for the various design options of custom doors.

When performing any 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.
- Select a screw length that is shorter than the thickness of the door front.

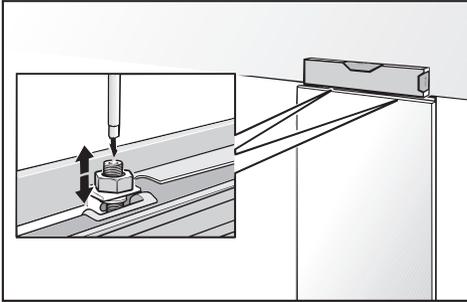
Attaching and aligning the custom door front

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



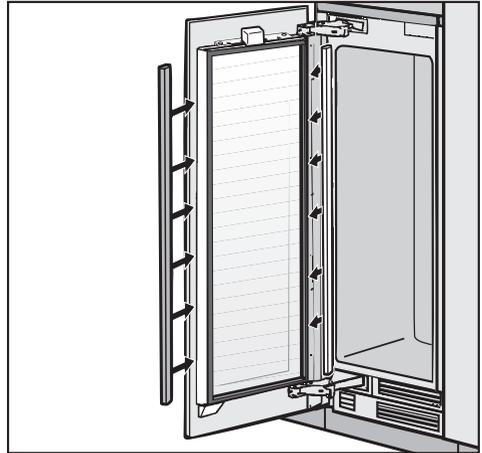
- Open the upper door and hang the custom door with the adjusting rail over the double-threaded bolts ⑯.
- Screw the nuts ⑰ a few turns onto the double-threaded bolts. **Do not** tighten completely.
- Close the door.

- Adjust the custom door to adjacent furniture/fixtures.

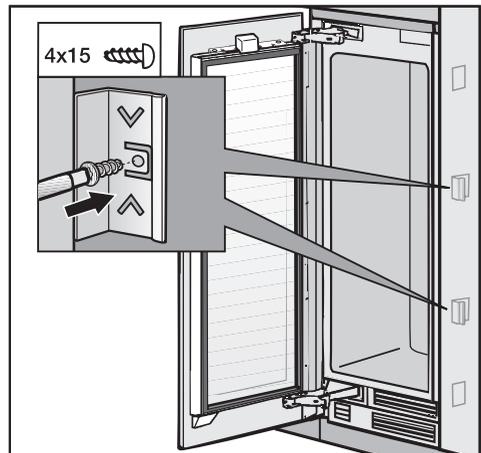


- Align the custom door with the double-threaded bolts.
- Tighten the nuts on the adjusting rail. This will correct the side alignment of the door.
- Put the side strips ⑮ back into place and screw them completely down on both sides of the appliance door.
- Align the custom door again as needed and tighten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

Attaching the covers

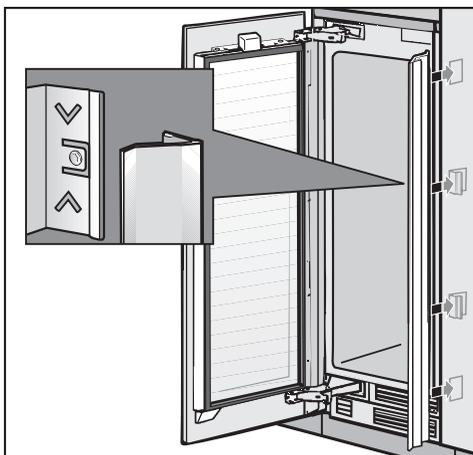


- To mount the cover strips on both sides of the door, click them into place from bottom to top, into the gap between the appliance door and the custom door.

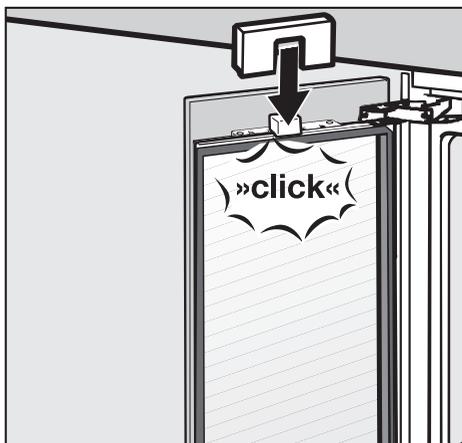


- Screw the brackets onto both sides of the appliance, to hold the cover strip.

Installation



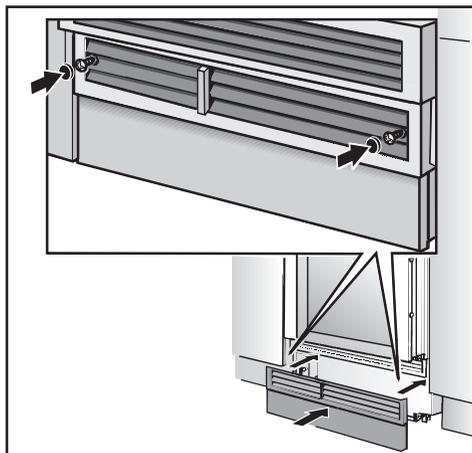
- Insert the cover strip into the space between the appliance and the side panel.
For side-by-side combinations, the cover strips (on both sides of the appliance) are applied to the outermost spaces only.



- Attach the light switch cover.

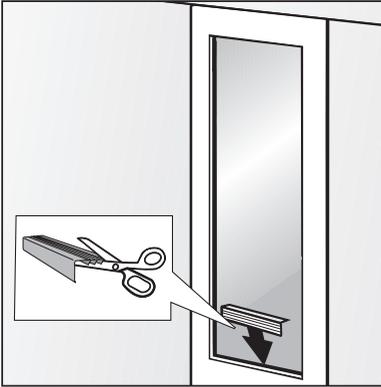
Attaching the toe kick panel

The maximum height of the toe kick panel is 4" (102 mm) from the top of the floor. Do not cover ventilation slits in the base panel. Risk of damage to the appliance.



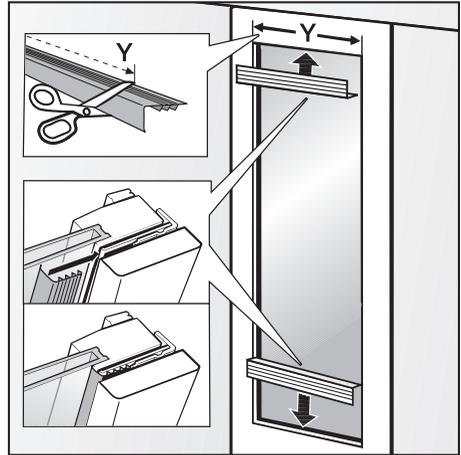
- If required, cut the toe kick panel to the required length and height.
- Attach the plinth to the appliance.
- Put the included covering plate in place.
- Attach a toe kick panel to the plinth.

Attaching the cover strips

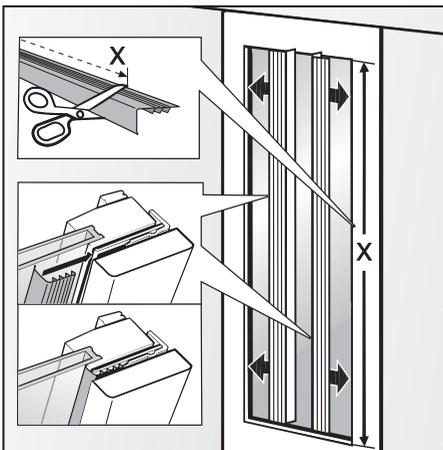


If the frame width is narrow, the cover strip side piece may need to be shortened.

To determine the required length of the side piece, one test piece is enclosed with the cover strip.



- Cut the cover strips (short for the top and bottom of the door) to the required length **Y**.
- Push the cover strips into the gap between the furniture door and glass pane.

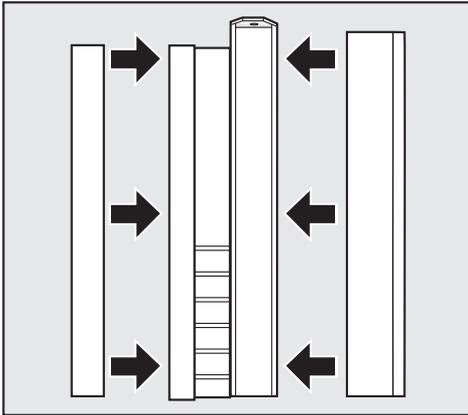


- Cut the cover strips (long for the sides of the door) to the required length **X**.
- Push the cover strips on the into the gap between the furniture door and glass pane.

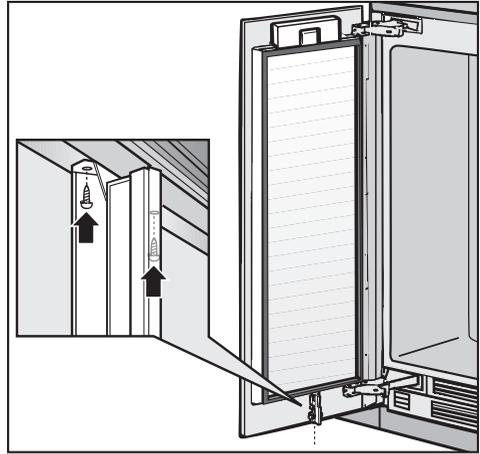
Installation

Mounting the air separator

The air separator 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.



- Position the air separator in the center of the appliance door.
- From below, screw the air separator firmly onto the door with the 2 screws.

 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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