

**Miele**

# MasterCool

Installation and dimensions guide





Since 1899

To ensure the safe installation of all MasterCool units, and to guarantee their correct functioning, the advice outlined within the operating and installation instructions must be read thoroughly and followed to ensure safe operation.

The information enclosed within this brochure is a guide only to assist in the cabinetry building and installation of MasterCool.

If you require a copy of any MasterCool unit operating instructions prior to delivery of your appliance/s, these can either be downloaded from Miele's website ([www.miele.com.au](http://www.miele.com.au) / [www.miele.co.nz](http://www.miele.co.nz)), or alternatively you can call Miele's National Customer Contact Centre on 1300 464 353 (Australia) 0800 464 353 (New Zealand) for a copy.

## **What's included when you purchase MasterCool**

Included in the purchase price of your MasterCool unit/s is the service of:

- ♦ A pre-delivery inspection inside outlined metro areas\*
- ♦ Delivery\*

All product/s will be delivered directly to the address outlined during the time of order placement.

The information outlined within this brochure is a guide only to assist in the building of your cabinetry in accordance with the instructions outlined within the operating and installation instructions.

\*For a full list of terms and conditions please refer to Miele's MasterCool Installation Terms and Conditions.

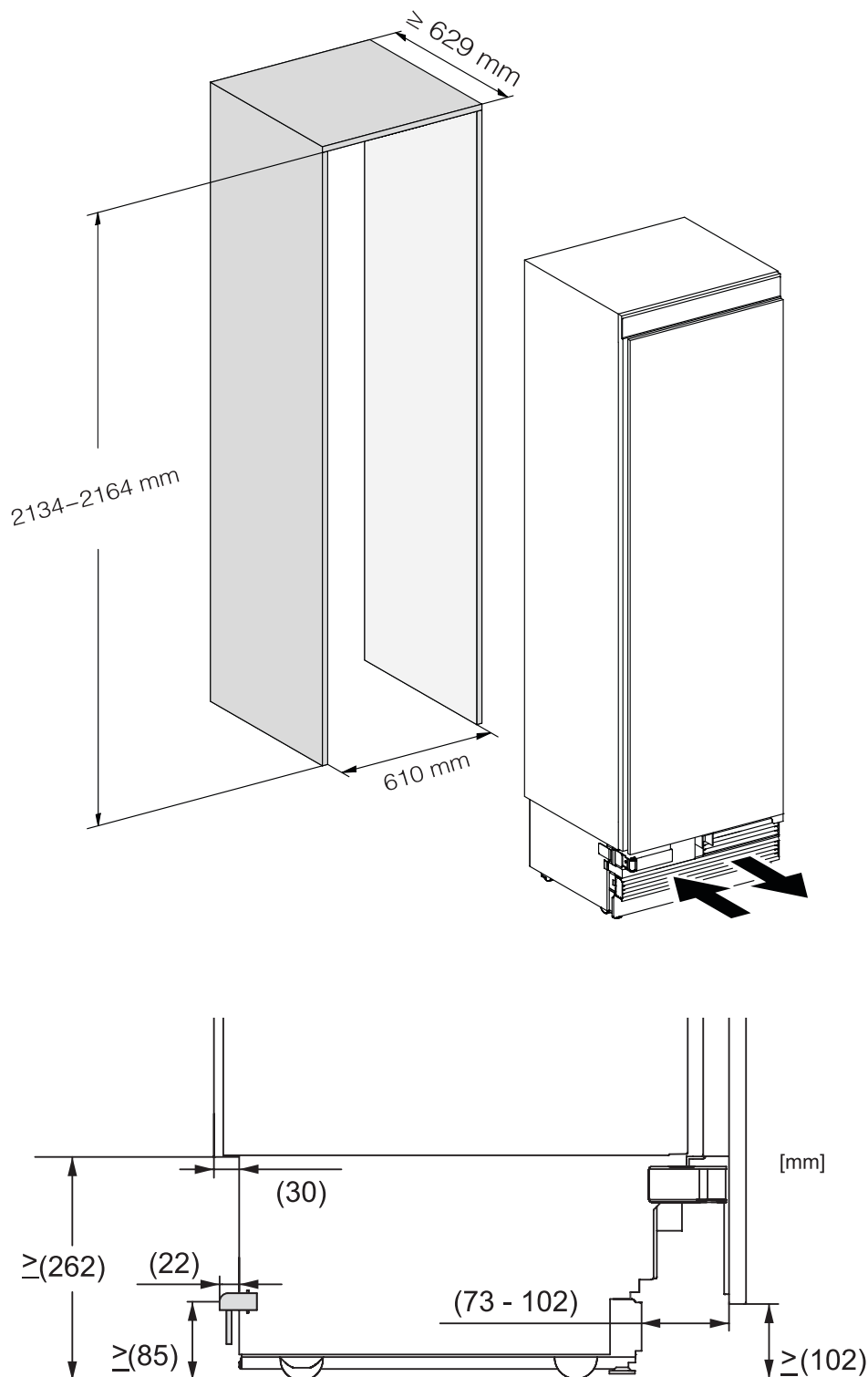
## Product and cut-out dimensions

To ensure installation of the appliance/s into the niche is possible, it is **essential that the niche is square** and the outlined cut-out dimensions and door/drawer front dimensions are followed.

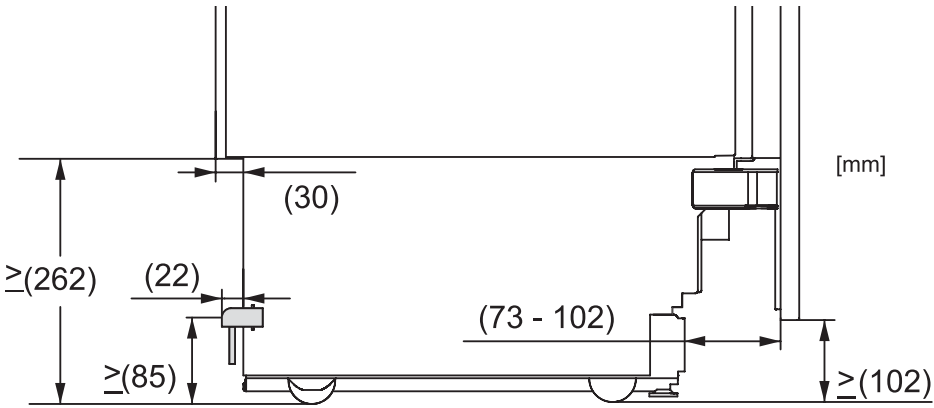
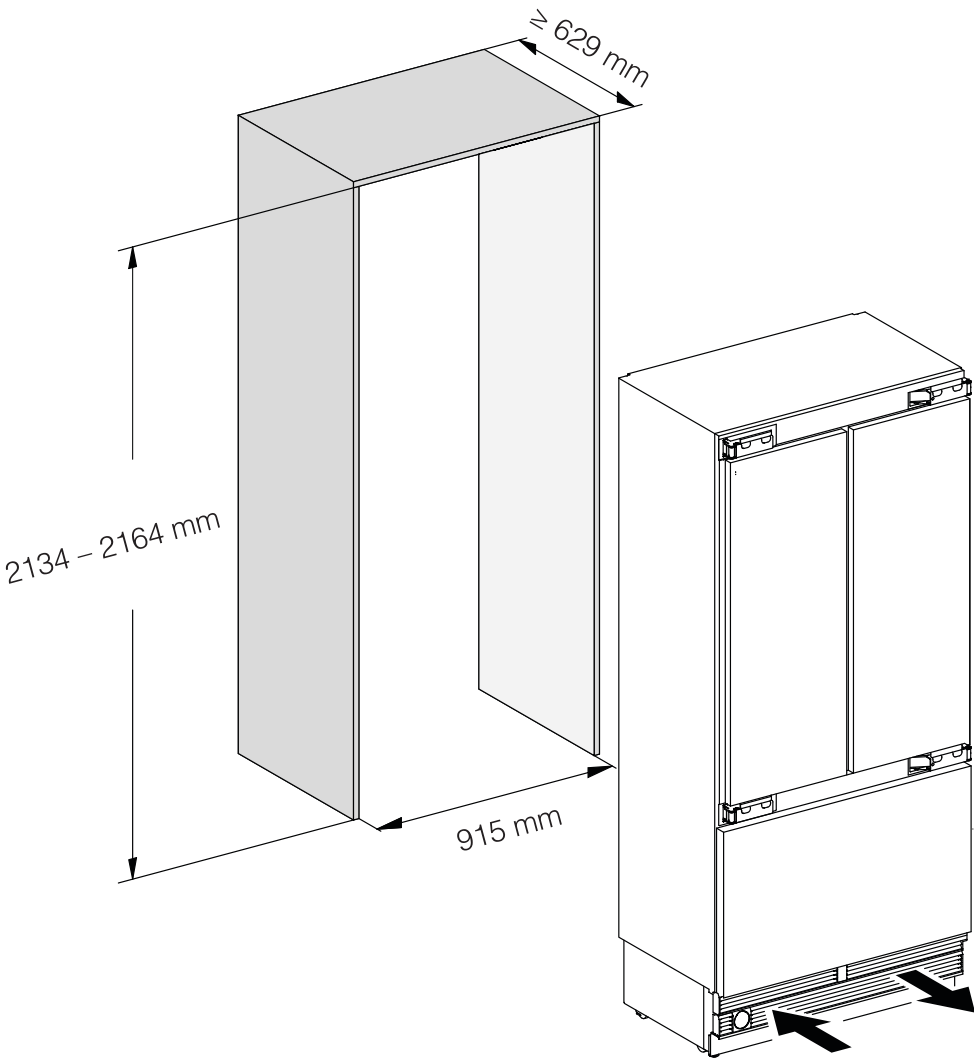
The appliance/s are screwed to the adjoining furniture/units to the side and above. For this reason, it is essential that all furniture/units be fixed to the ground and/or wall.

If there is no cabinet above the appliance/s for fixing purposes, installation of an appropriate bulk head or cabinet shelf is required so that the appliance/s can be fixed into place.

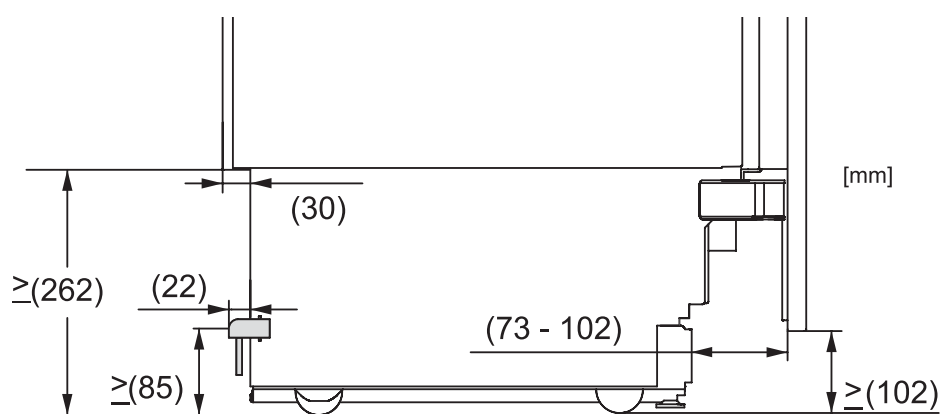
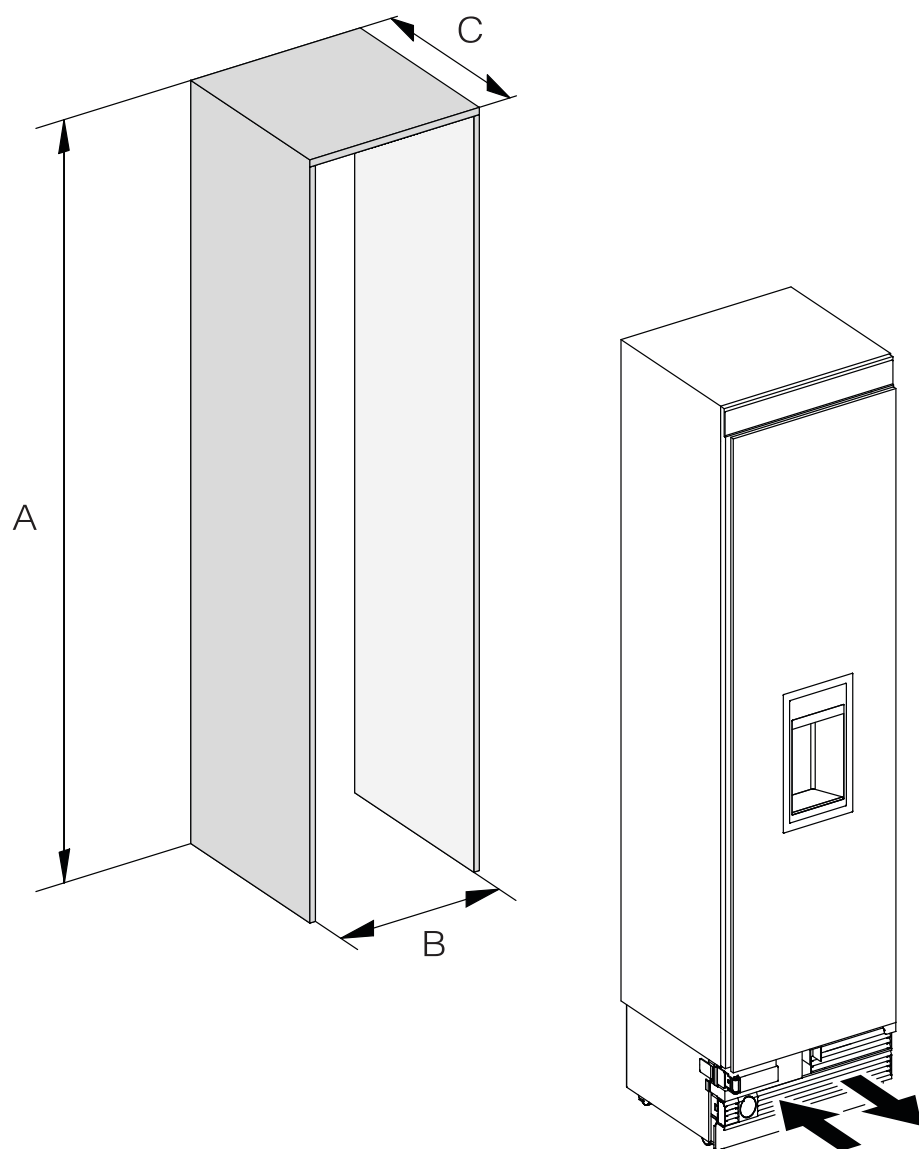
### K 2601 Vi



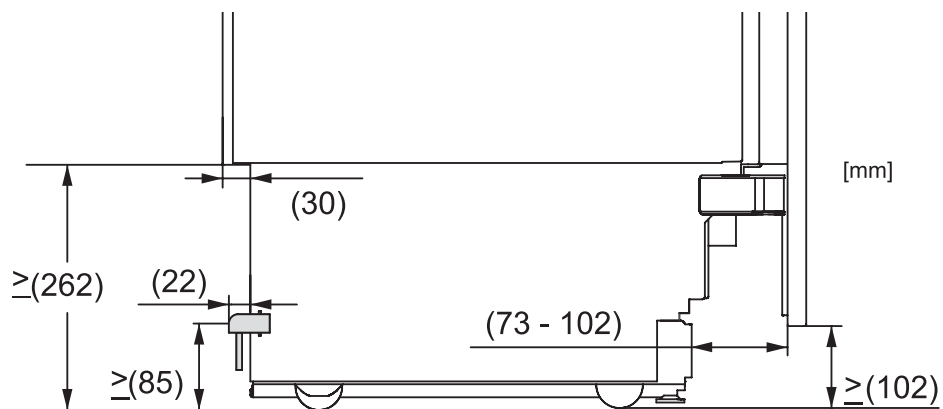
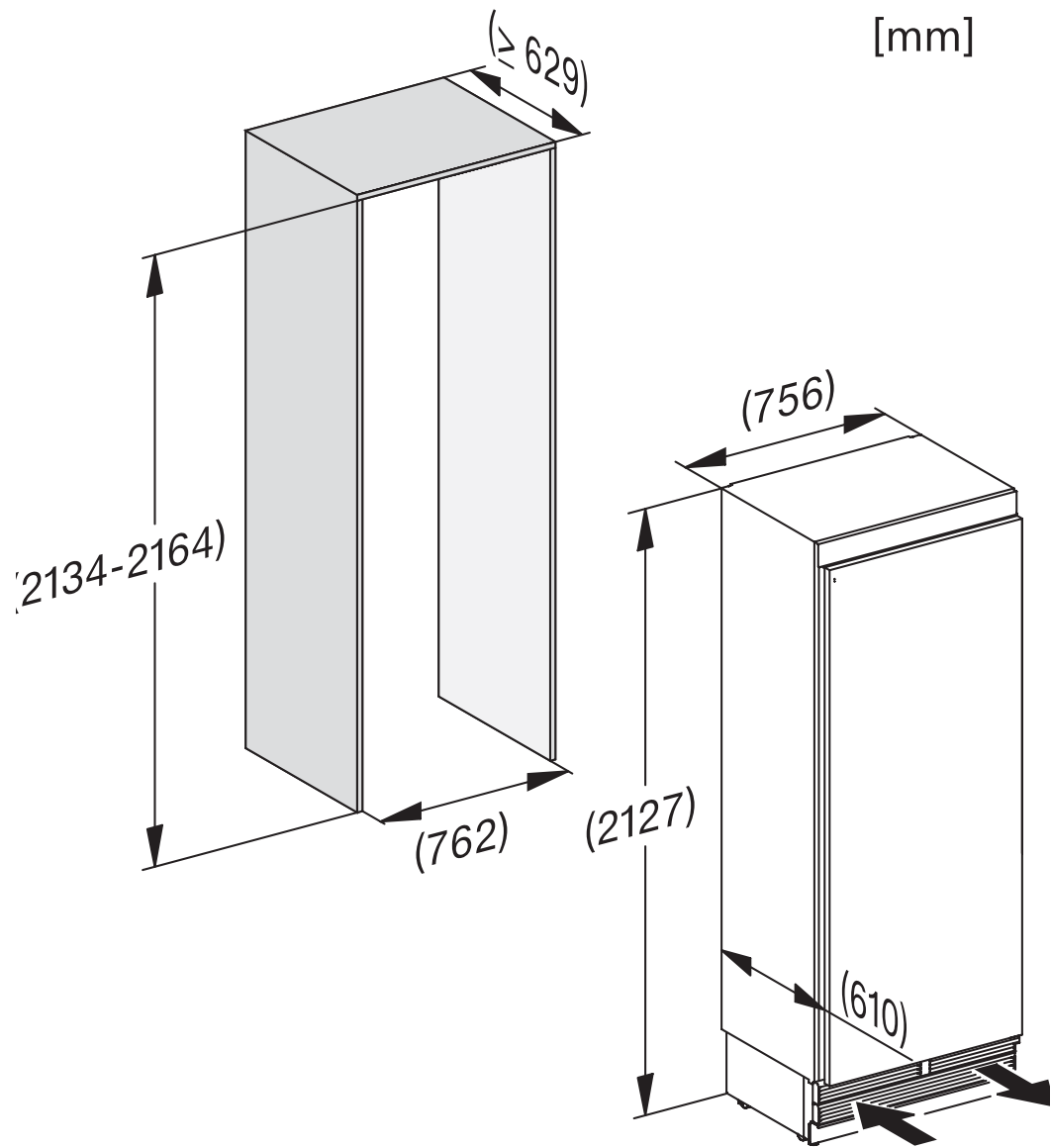
KF 2981 Vi



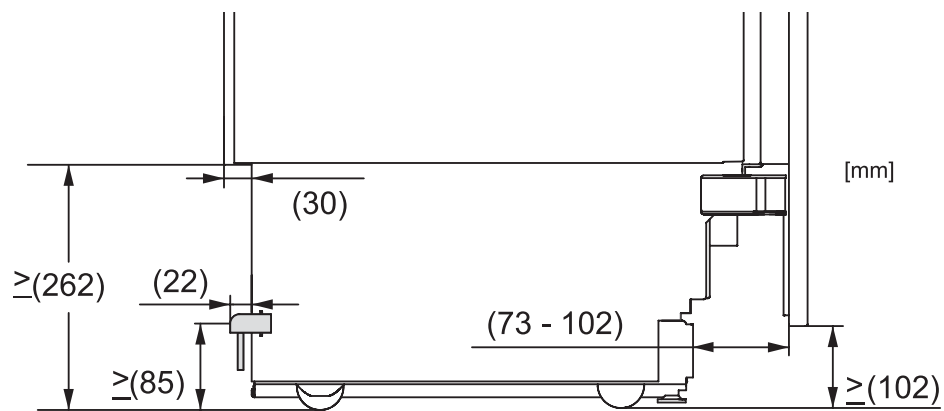
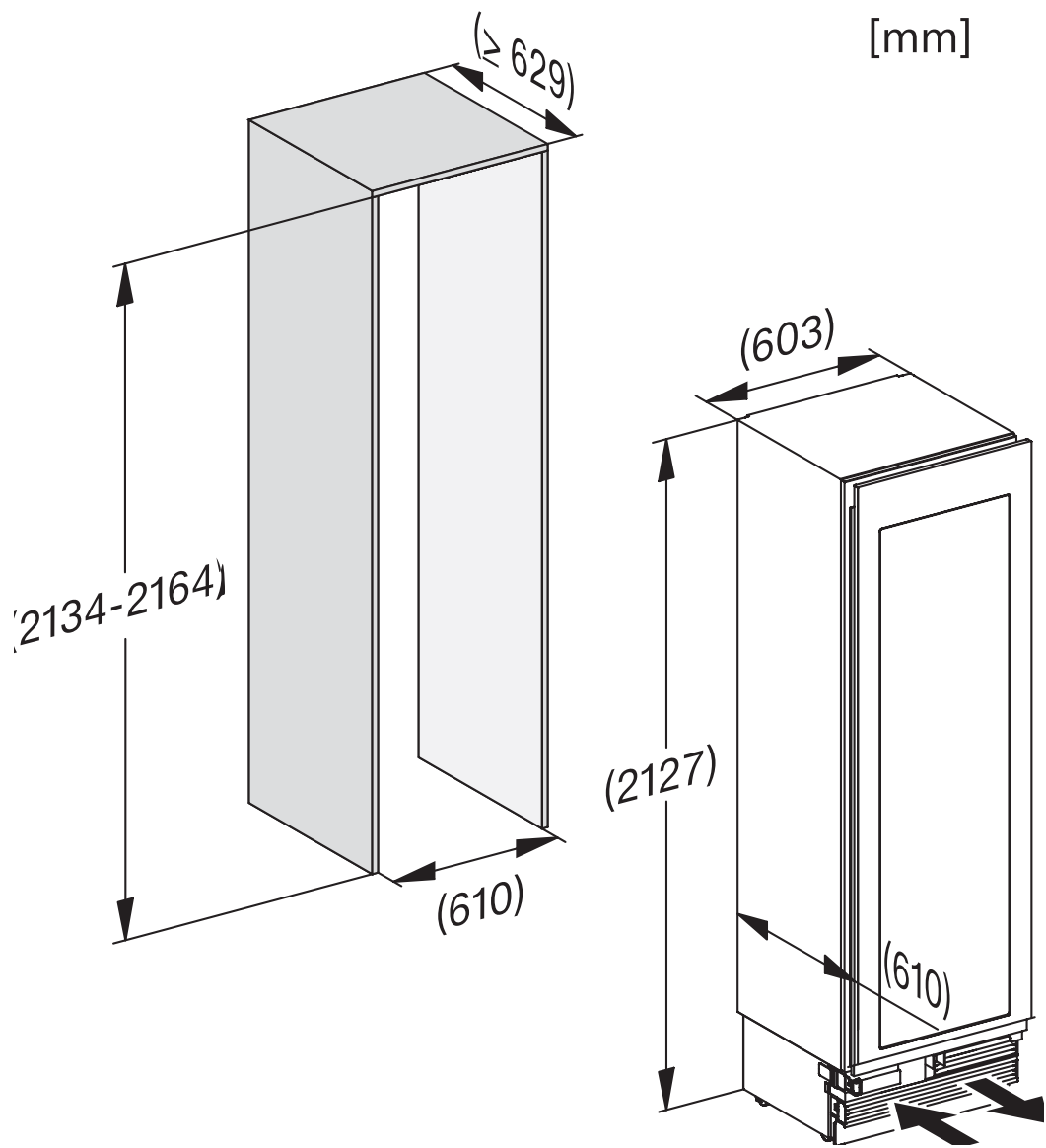
# F 2671 Vi



K 2802 Vi



KWT 2672 ViS





## Niche opening and door dimensions

### Custom door panel information

MasterCool appliances do not come equipped with a front panel. They are designed to accept a custom door panel supplied by a cabinet maker, or one of the MasterCool specific stainless steel panels available from Miele.

Miele has a unique panel integration system which allows the panels to align with surrounding cabinets.

	Weight of appliance when empty	Weight of appliance when fully loaded (approximately)	Maximum weight of door front (kg)	Maximum weight of drawer front (kg)
<b>K 2601 Vi</b>	140	325	48	—
<b>KF 2981 Vi</b>	214	518	Left 68, Right 70	10
<b>F 2671 Vi</b>	152	348	68	—
<b>K 2802 Vi</b>	156	380	27	—
<b>KWT 2672 ViS</b>	147	679	73	—

	Niche width (mm)	Door width (mm) including clearance
<b>K 2601 Vi</b>	610	604
<b>F 2671 Vi</b>	610	604
<b>KF 2981 Vi</b>	915	908
<b>K 2802 Vi</b>	762	756
<b>KWT 2672 ViS</b>	610	604

Custom door panel thickness: minimum 16 mm – maximum 38 mm.

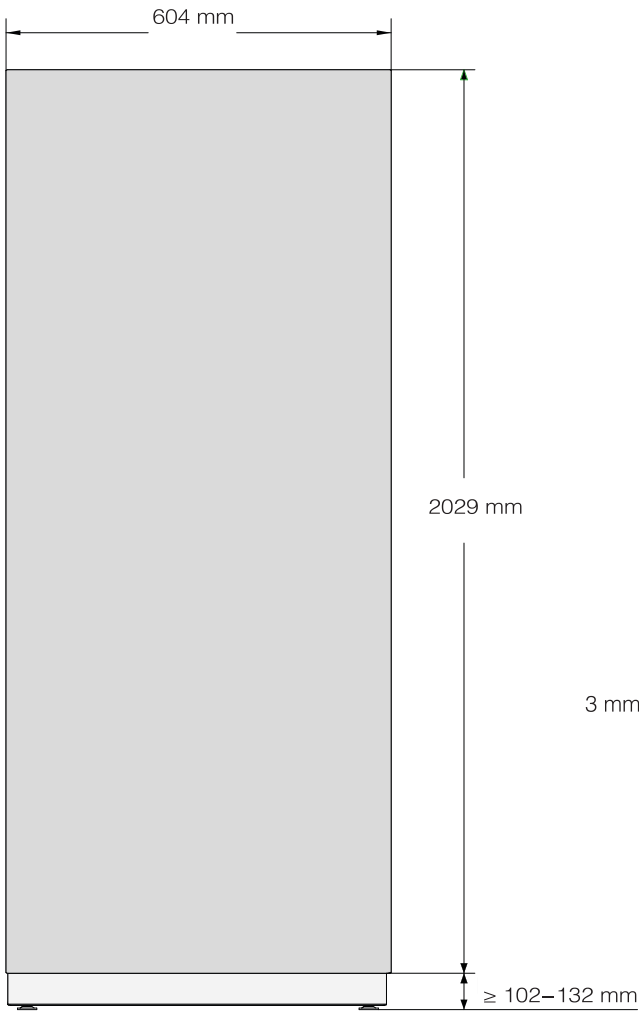
### Combination examples

KF 2981 Vi (915 mm) + K 2601 Vi (610 mm) = **1525 mm** niche width

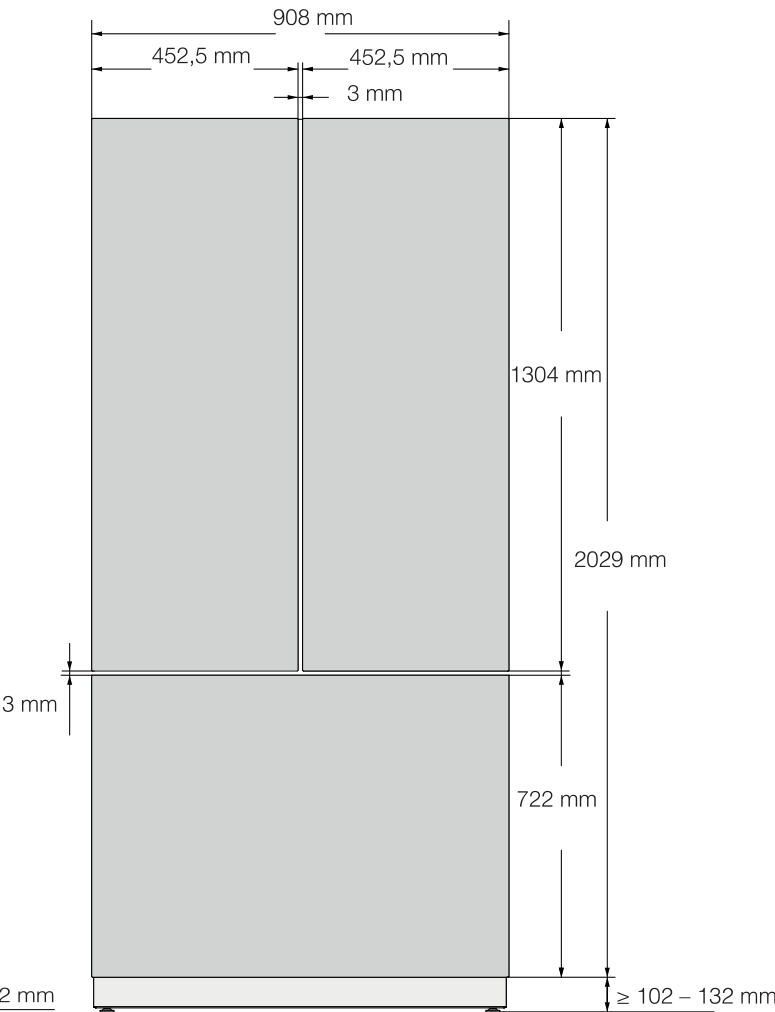
KF 2981 Vi (915 mm) + F 2671 Vi (610 mm) = **1525 mm** niche width

Adjustment to custom door panel widths is required when appliances are installed side-by-side. Door panel widths should be customised to ensure gaps between door panels match existing cabinet work.

**K 2601 Vi**

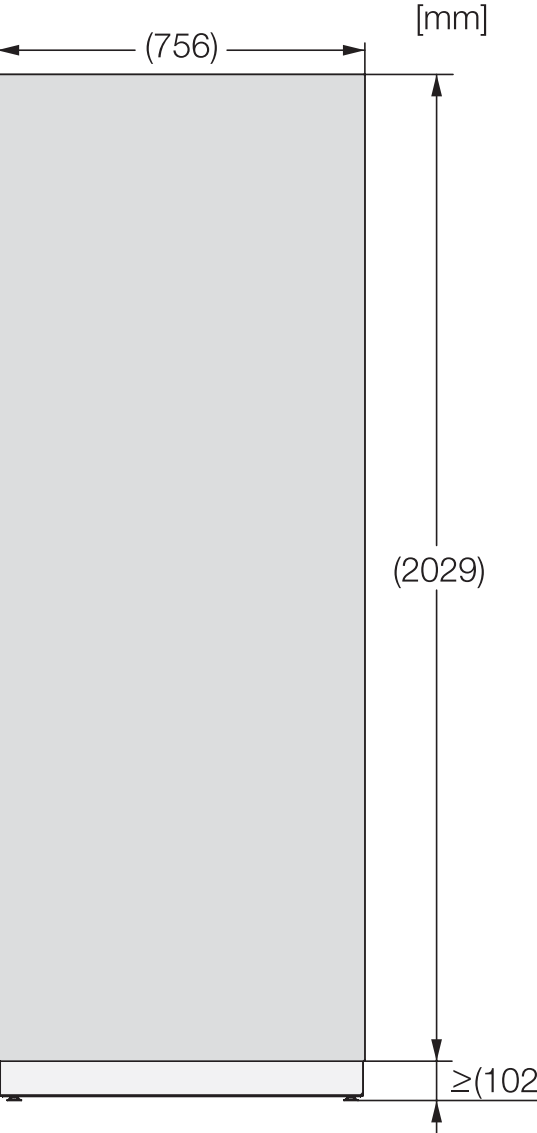


**KF 2981 Vi**

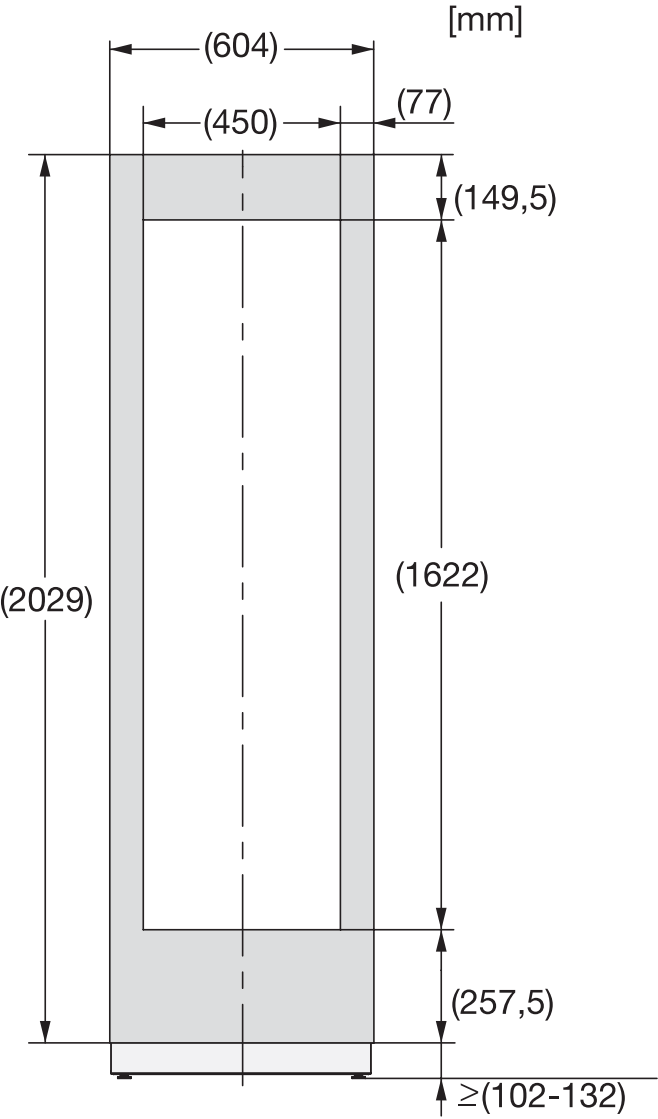


	A (mm)	B (mm)	C (mm)
K 2601 Vi	2029	604	–
KF 2981 Vi	1304	908	722

K 2802 Vi

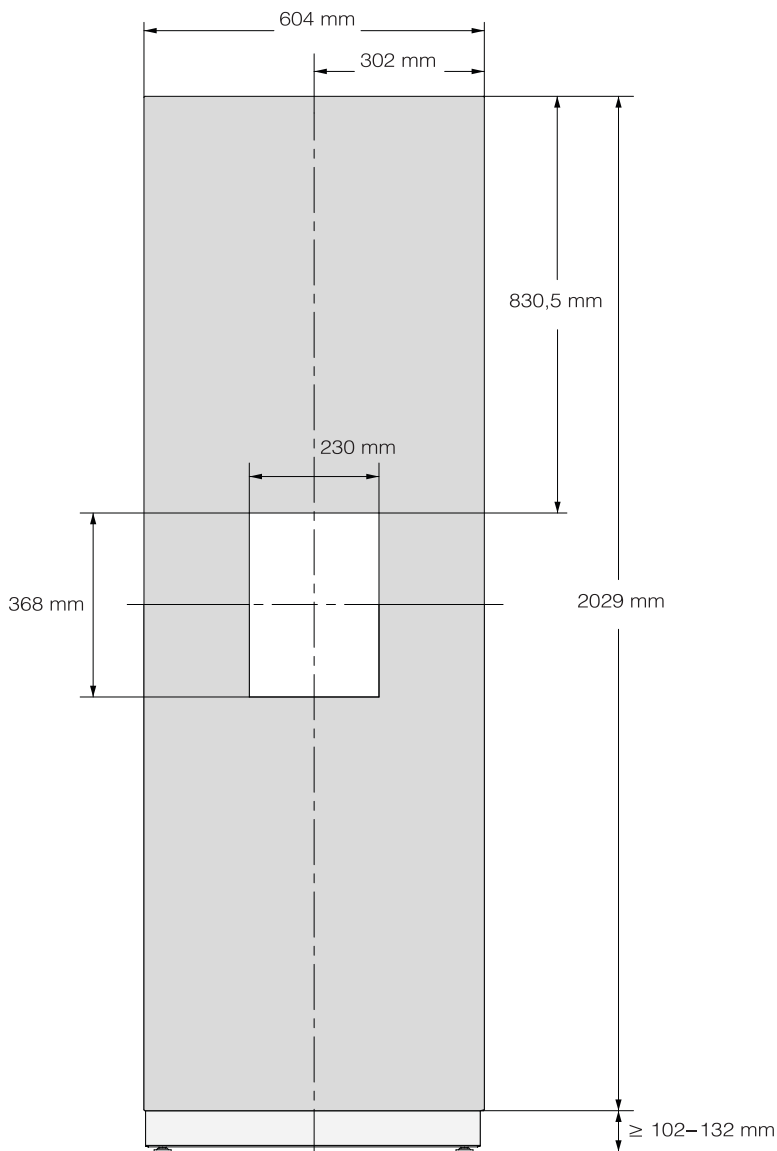


KWT 2672 ViS



	A (mm)	B (mm)	C (mm)
K 2802 Vi	2029	756	–
KWT 2672 ViS	2029	604	722

## F 2671 Vi



\*The cut-out for the F 2671 Vi's ice and water dispenser is centred horizontally and vertically.

### Note:

- ♦ As door panels exceed appliance door dimensions, it is recommended to have the rear of the door panel finished as it will be visible.
- ♦ It is recommended to have interior end panels finished as they will be visible.

Please note that door panel dimensions ensure door panels do not contact cabinet work end panels. If door panels overhang or come in contact with end panels the appliance door may not seal correctly. Therefore, the appliance will not work effectively. Any affect on appliance performance caused by incorrect installation will not be covered by the manufacturers warranty.

## Additional installation information

### Product weight

All MasterCool appliances are very heavy and can tip forwards when the door is open. Keep the door shut until the appliance has been built in and secured within the building-in niche in accordance with the operating and installation instructions.

**Due to the size and weight of the appliance, installation must be carried out by two people (as a minimum, and will depend on the number of appliances being installed).**

### Installation surface

To ensure the safe installation of the appliance and to guarantee its correct functioning, the floor in the niche where the appliance is to be installed must be smooth and even.

It must be made from strong, rigid material (Miele recommends that a concrete floor is the most suitable installation surface). The appliance is extremely heavy when fully loaded, and for this reason it is imperative that the floor it stands on is able to bear its weight. If necessary, the advice of an architect or structural engineer should be sought.

Due to the significant weight and size of each MasterCool unit it is important to ensure that the floor is protected when moving appliances. Miele recommend MDF sheeting to prevent marking or damage to flooring such as wooden floor boards, tiles, etc.

### Mains water connection

Connection to the mains water supply should only be carried out by a qualified and competent person in accordance with national and local regulations.

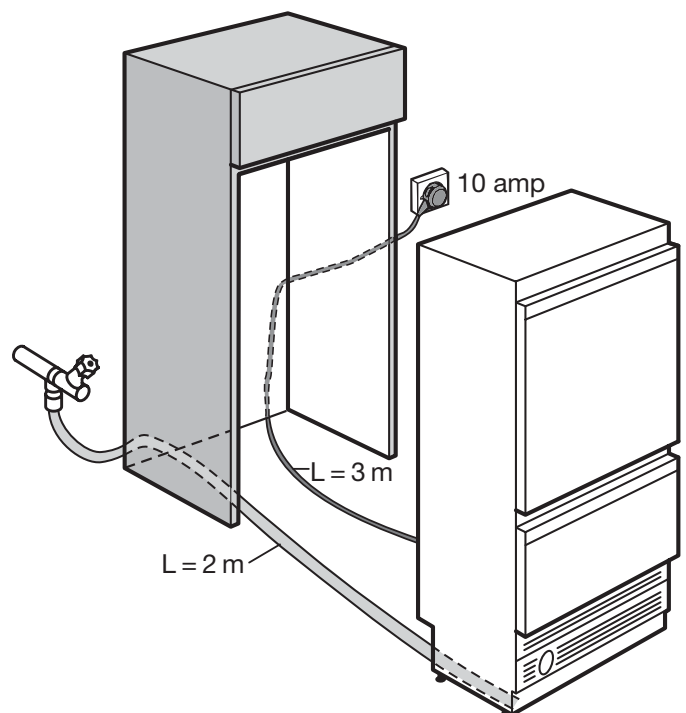
MasterCool appliances with automatic ice makers and/or water dispensers are only suitable for connection to a cold water supply. The maximum inlet water temperature should not exceed 40°C.

The water pressure (flow rate) must be between 2.0 and 8.0 bar. If the supply water pressure is greater than 8.0 bar, make sure to install a pressure reducing valve to ensure 8.0 bar is not exceeded. Connection to mains water supply must incorporate a mains stopcock with  $\frac{3}{4}$ " thread.

A tap must be provided between the supplied 2 m stainless steel hose and the household water supply to ensure that the water supply can be disconnected if necessary. The tap should be easily accessible after the appliance has been built in. Refer to installation instructions for position of water inlet hose on appliance.

Under no circumstances should the tap be installed either behind the appliance or above the appliance to ensure accessibility to turn the tap off quickly if the need arises.

Before use, the inlet pipe should be purged of air.



Both the mains water and power connection must **not** be installed behind the MasterCool unit/s niche.

## Electrical connection

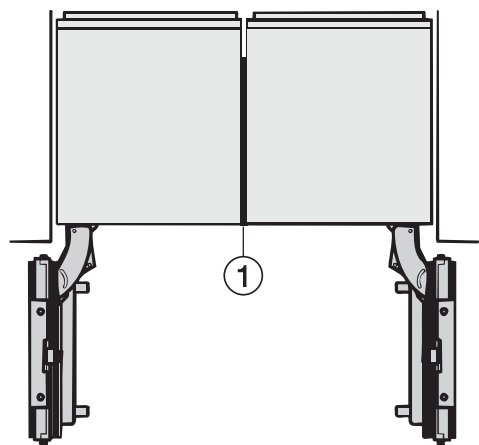
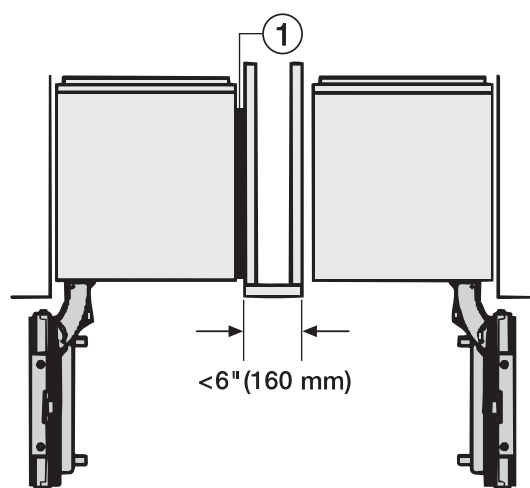
All electrical work should be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations.

The appliance is supplied with a 3 m mains cable and moulded plug ready for connection to an AC single phase 220 – 240 V 50 Hz supply. The fuse rating must be at least 10 A. Refer to installation instructions for position of electrical mains cable on appliance.

The appliance should not be plugged into a socket located directly behind the appliance. The accessibility of the plug must always be ensured in order to be able to quickly disconnect the appliance from the supply. Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).

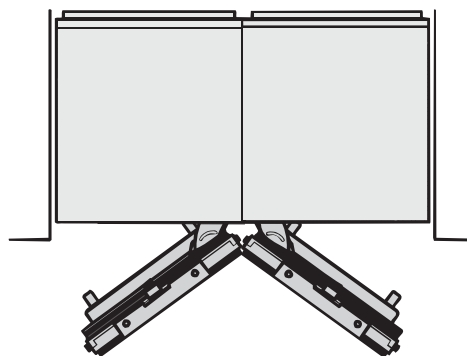
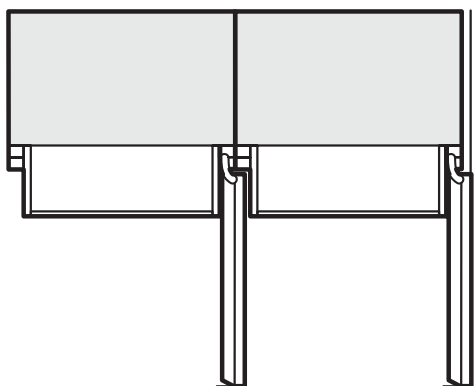
## Side-by-side installation

This appliance may be installed “side-by-side” with another suitable MasterCool refrigerator or freezer. In the event that two or more appliances have been purchased, with the intention to install in a side-by-side combination with less than 160 mm gap between each unit, an additional electronic device ① (KSK 2001 installation kit) must be purchased and fitted between any adjoining units. This device is designed to prevent condensation build up between the units, and must be installed during the installation process.



If the appliances are to be installed next to each other without a partition wall between them, they will need to be joined together using the KSK 2001 installation kit which comes supplied with all of the fixings required. The side-by-side kit does not add any addition width to the appliance dimensions.

**Note:** It is not recommended to install two MasterCool units as outlined in the below diagrams. If installing units in these configurations, customization of the cabinetry will be required to account for the door openings. Additional space between appliances will be required to prevent doors from striking when opened.



## Appliance door open angle

The door hinges are set ex-works to enable the door to open to 115°. However, if the appliance door hits an adjacent wall when opened, for example, the opening angle can be limited to 90°.

It is important when preparing the niche to ensure that you are aware of the door hinging requirements as some installation configurations based on the door hinging restrict other doors.

## Ventilation

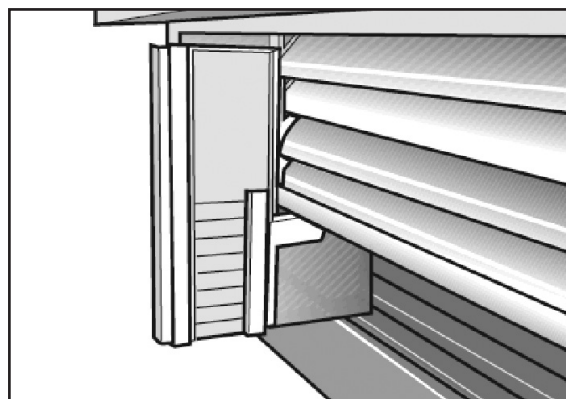
To prevent condensation build-up and potential damage to the appliance/s, it is advisable to install the appliance/s with sufficient ventilation in a dry and/or an air-conditioned room.

Ensure that doors are closing and sealing properly and that the appliance/s are installed in accordance with the operating and installation instructions.

The air vents must not be covered or blocked in any way.

The air separator must also be fitted to separate air entering the appliance from that leaving it. This ensures efficient operation of the appliance. **If the air separator is not fitted, warm air flowing into the appliance may cause overheating.**

As shown in installation diagrams, there is a minimum of 102 mm required between the floor and the base of the furniture door to ensure adequate ventilation.



## Adjusting the height of the appliance

When adjusting the height of the appliance, care should be taken with the front and rear adjustments.

Carefully tilt the appliance forward or backward to relieve the weight of the unit whilst adjusting the mechanism. Never raise or lower the unit without relieving the weight of the unit from the adjustment mechanisms.

If the weight is not relieved adjustment mechanisms can become damaged, resulting in the appliances height not being adjustable.

## Additional accessories

Please note that the MasterCool appliance does not come supplied with any side panels for side-by-side installation, handles or door panels. Select accessories are available from Miele if required, and must be ordered with the MasterCool appliance.

**Any affect on appliance performance caused by incorrect installation will not be covered by the manufacturers warranty.**

# **Miele trained MasterCool installers**

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Notes

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