Fully Integrated
36” MasterCool

All Refrigerator:
K 2901 Vi / K 2911 Vi

All Freezer:
F 2901 Vi / F 2911 Vi

Bottom Mount:
KF 2901 Vi / KF 2911 Vi

French Door:
KF 2981 Vi
Please note the following:
- This specification sheet is for a single built-in unit.
- When combining multiple MasterCool units side-by-side, please refer to the Merging Kit specification sheet.

"If design calls for a partition less than 6 ¼" (160 mm) the left unit’s cutout will require an additional ¼" (3 mm) to the width to allow installation of the Heating Mat/Merge Kit."
CUTOUT DIMENSIONS

- Niche depth assumes a 3/4" (19 mm) panel, please adjust according to custom panel thickness.

CUTOUT DETAILS

- The electrical connection must not be positioned higher than 9" (228.6 mm) above the floor.

- The 1/4" (6.4 mm) plumbed water connection should not be positioned higher than 2" (50.8 mm) above the floor.

Notes:
In case of an emergency the electrical outlet must be easily accessible and must not be concealed behind the appliance.
POWER SUPPLY AND WATER CONNECTION
(Water Connection For F 29x1 Vi & KF 29x1 Vi Only)

Rear View

Electrical - 5 foot (1.52 m) - 120 Volt - 15 Amp
- NEMA 5-15 molded plug
Water line - 1/4” flexible water line - not included

Water connection is located in front of unit.
1/4” compression fitting is needed.

Side View
CUSTOM PANEL INSTALLATIONS

These units do not come equipped with a front panel. They are designed to accept a custom door panel supplied by the cabinet maker. Miele has a unique panel integration system which allows the panels to align with the surrounding cabinets.

Panel size is determined in the following manner:

Width: Minimum 35 3/4” (908 mm)

Thickness: Minimum 3/4” (19 mm) outside frame

Height: Determined using the following calculation:

\[ \text{Panel Height} = \text{HOC} - \text{TKH} \]

\[ \text{HOC} = \text{Total height of cabinet or side panel} \]
\[ \text{TKH} = \text{Toe-kick height} \]

Note: Finish back side of panels to insure appearance.

Panel may extend above unit. This is not considered in height calculation.

Maximum panel weight: 106 Pounds

Panel Notes

If the adjoining cabinets are taller than the height of machine (HOM) - the front panel may be extended accordingly. Simply maintain the toekick height and extend the panel the needed distance.
DOOR PANEL DIMENSIONS
KFP 3604 - Door Panel

Available as an accessory for the following models:
- K 29x1 Vi
- F 29x1 Vi
CUSTOM PANEL INSTALLATIONS

**These units do not come equipped with a front panel.** They are designed to accept a custom door panel supplied by the cabinet maker. Miele has a unique panel integration system which allows the panels to align with the surrounding cabinets.

Panel size is determined in the following manner:

<table>
<thead>
<tr>
<th>Adjoining cabinet</th>
<th>Extended Panel</th>
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<tbody>
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<td></td>
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<td>Ajoining cabinet height: 87” (2210 mm)</td>
</tr>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td>Difference: 3” (76 mm)</td>
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<td>Extended panel height: 54 1/2” (1379 mm)</td>
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**Width:** Minimum 35 3/4” (756 mm)

**Thickness:** Minimum 3/4” (19 mm) outside frame

**Standard Upper Panel Height:** 51 3/8” (1304 mm)

**Note:** Finish back side of panels to insure appearance
Panel may extend above unit. This is not considered in height calculation

**Upper Maximum panel weight:** 104 lbs

**Lower Panel Height:** Use the following calculation:

\[
\text{Panel Height} = \text{HOM} - 51 1/2" (1307 mm) - \text{TKH}
\]

\[
\text{HOM} = \text{Total height of machine. Can be adjusted to match adjoining cabinets - typically 84” (2133 mm). HOM is adjustable between 84” - 85 3/16” (2134 mm - 2164 mm) }
\]

\[
\text{TKH} = \text{Toe-kick height 2” - 8 3/8” (51 - 212 mm)}
\]

**Lower Maximum panel weight:** 22 lbs

**Upper Panel Notes**

If the adjoining cabinets are taller than the height of machine (HOM) - the upper panel may be extended accordingly. Find the difference between height of the adjoining cabinets and the height of machine (HOM) and add to 53 5/16”
DOOR PANEL DIMENSIONS
KFP 3614 - Top Panel
KFP 3624 - Bottom Panel

Available as an accessory for the following models:
• KF 2901 Vi / KF 2911 Vi
CUSTOM PANEL INSTALLATIONS

These units do not come equipped with a front panel. They are designed to accept a custom door panel supplied by the cabinet maker. Miele has a unique panel integration system which allows the panels to align with the surrounding cabinets.

Panel size is determined in the following manner:

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**Refrigerator**
- **Panel Width**: Minimum 17 13/16” (452.5 mm)
- **Freezer**
- **Panel Width**: Minimum 35 3/4” (756 mm)
- **Thickness**: Minimum 3/4” (19 mm) outside frame

**Standard Upper Panel Height**: 51 3/8” (1304 mm)

Note: Finish back side of panels to insure appearance. Panel may extend above unit. This is **not** considered in height calculation.

**Upper Maximum panel weight**: 104 lbs

**Lower Panel Height**: Use the following calculation:

\[
\text{Panel Height} = \text{HOM} - 53 \frac{5}{16} - \text{TKH}
\]

**HOM** = Total height of machine. Can be adjusted to match adjoining cabinets - typically 84” (2133 mm). 
HOM is adjustable between 84” -85 3/16” (2134 mm - 2164 mm)

**TKH** = Toe-kick height 2” - 8 3/8” (51 - 212 mm)

**Lower Maximum panel weight**: 22 lbs

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**Upper Panel Notes**

If the adjoining cabinets are taller than the height of machine (HOM) - the upper panel may be extended accordingly. Find the difference between height of the adjoining cabinets and the height of machine (HOM) and add to 53 5/16”

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DOOR PANEL DIMENSIONS
KFP 3634 - Top Panels
KFP 3624 - Bottom Panel

Available as an accessory for the following models:
• KF 2981 Vi

HINGING DETAILS
HINGING DETAILS 115° OPENING

Available for the following models:

• K 29x1 Vi
• F 29x1 Vi
• KF 29x1 Vi

NOTE: Additional space needed depending on thickness of front panels and handle used

DOOR SWING AT 115° OPENING

Available for the following models:

• K 29x1 Vi
• F 29x1 Vi
• KF 2901 Vi / KF 2911 Vi

NOTE: Additional space needed depending on thickness of front panels and handle used
HINGING DETAILS 90° OPENING

Available for the following models:
- K 29x1 Vi
- KF 29x1 Vi

NOTE: Additional space needed depending on thickness of front panels and handle used. When installing hinge side next to an appliance or object that is within range of the door panel, limit the door opening angle to 90°. This is done by installing the banking pin as illustrated. Insert the banking pin through the holes and drive in with a hammer.

Freezer units cannot be stop pinned at 90°