

Miele

Fully Integrated
30" MasterCool

All Refrigerator:

K 2801 Vi / K 2811 Vi

All Freezer:

F 2801 Vi / F 2811 Vi

Bottom Mount:

KF 2801 Vi / KF 2811 Vi



Fully Integrated 30" MasterCool

SPECIFICATIONS			
Overall Unit Dimensions	29 ³ / ₄ " (756 mm) W x 83 ³ / ₄ " - 85 ³ / ₁₆ " (2127 - 2164 mm) H x 24" (610 mm) D [Depth does not include door panel]		
Niche			
Minimum Cabinet Niche Opening	30" (762 mm) W* x 84" - 85 ³ / ₁₆ " (2134 - 2164 mm) H x 24 ³ / ₄ " (629 mm) D		
Electrical	K 28x1 Vi	F 28x1 Vi	KF 28x1 Vi
Electrical Requirements	110V / 120V, 60Hz, 15 Amps In the case of side-by-side installations, a separate outlet must be used for each appliance.		
Power Cord	NEMA 5-15 plug, 5 ft (1.52 m)		
Plumbing	K 28x1 Vi	F 28x1 Vi	KF 28x1 Vi
Water Supply Requirements	-	Connect to a cold water supply only. Do not connect to a low-mineral or a reverse osmosis system. Must be connected to a shut-off valve. The water shut-off valve must be accessible after installation. The water pressure must be between 29 psi (2 bar) and 116 psi (8 bar). If the pressure is higher than 120 psi (8.3 bar), a pressure reducing valve must be installed.	
Water Connection Line	-	Standard 1/4" O.D flexible water line. The maximum outer diameter of the water pipe (without fittings): 3/8" (10 mm). Water line is not included.	
Shipping	K 28x1 Vi	F 28x1 Vi	KF 28x1 Vi
Shipping Weight	395 lbs (179 kg)	399 lbs (181 kg)	450 lbs (204 kg)
Shipping Dimensions	33 ⁵ / ₈ " (950 mm) W x 89 ¹⁵ / ₁₆ " (1,294 mm) H x 29 ¹ / ₄ " (800 mm) D		
Support			
Call Miele	(800) 999-1360		
Miele Website	www.mieleusa.com		
20/20 Link	2020technologies.com		

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 ⁵/₁₆" (160 mm) the left unit's cutout will require an additional ¹/₈" (3 mm) to the width to allow installation of the Heating Mat/Merge Kit.



K 2801 Vi (Right Hinged)
Item 36280101USA

K 2811 Vi (Left Hinged)
Item 36281101USA



F 2801 Vi (Right Hinged)
Item 37280101USA

F 2811 Vi (Left Hinged)
Item 37281101USA



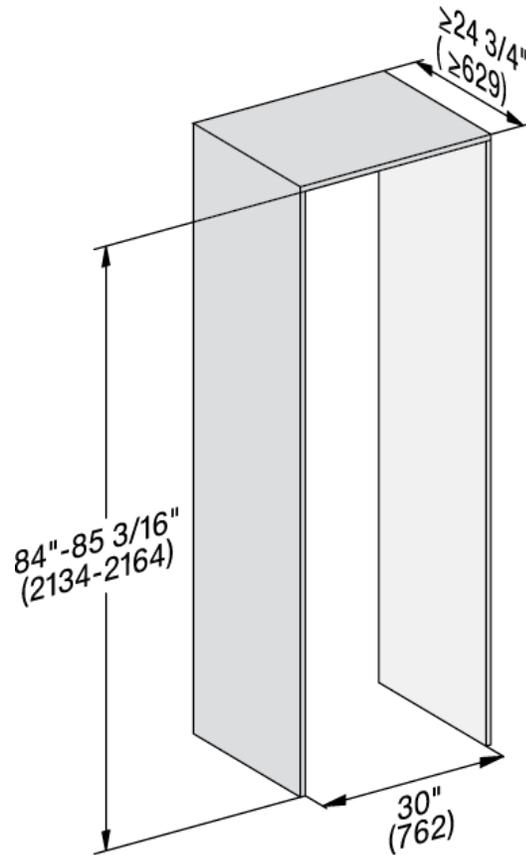
KF 2801 Vi (Right Hinged)
Item 38280101USA

KF 2811 Vi (Left Hinged)
Item 38281101USA

Fully Integrated 30" MasterCool

CUTOUT DIMENSIONS

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

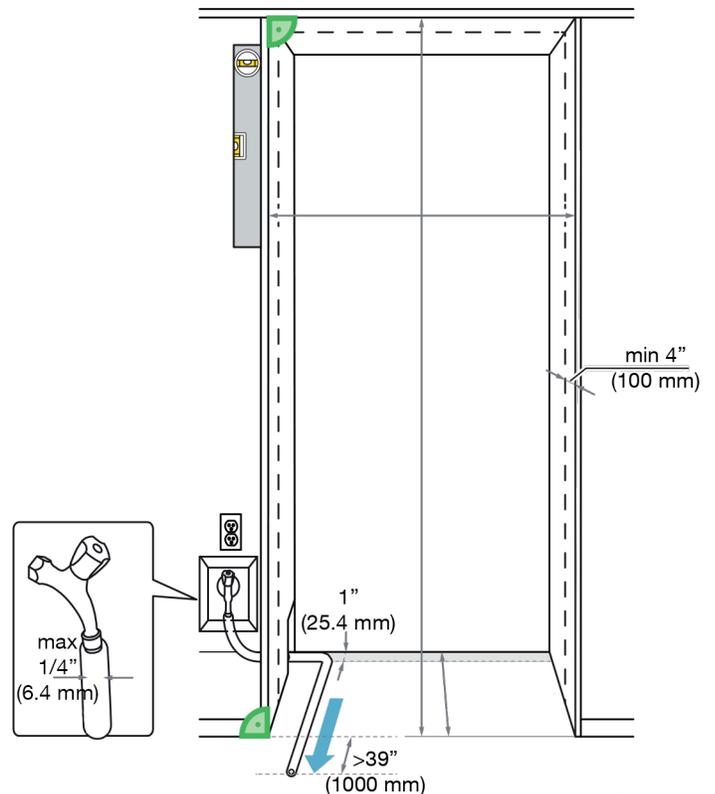


CUTOUT DETAILS

- 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.

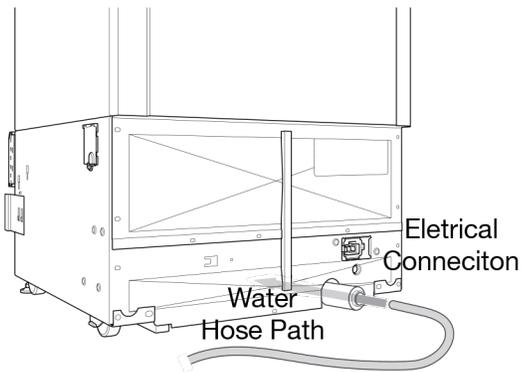


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POWER SUPPLY AND WATER CONNECTION

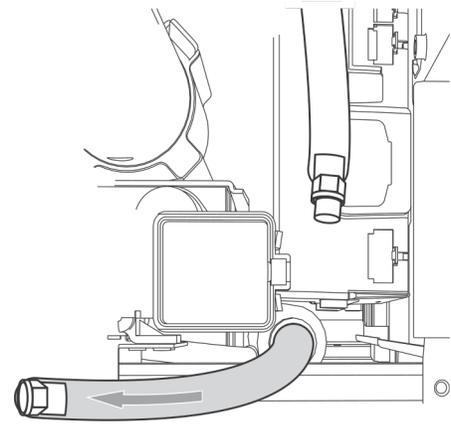
(Water Connection For F 28x1 Vi & KF 28x1 Vi Only)

Rear View



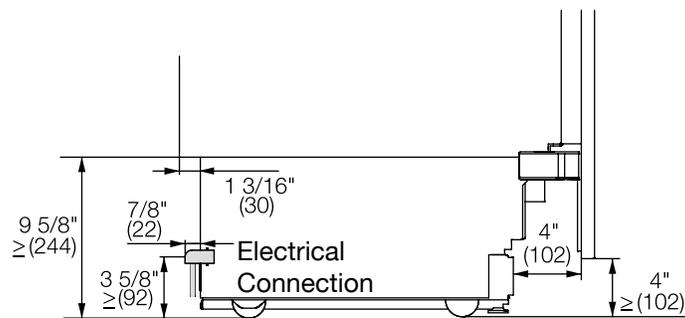
Electrical - 5 foot (1.52 m) - 120 Volt - 15 Amp
- NEMA 5-15 molded plug
Water line - 1/4" flexible water line - not included

Front View



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

Side View

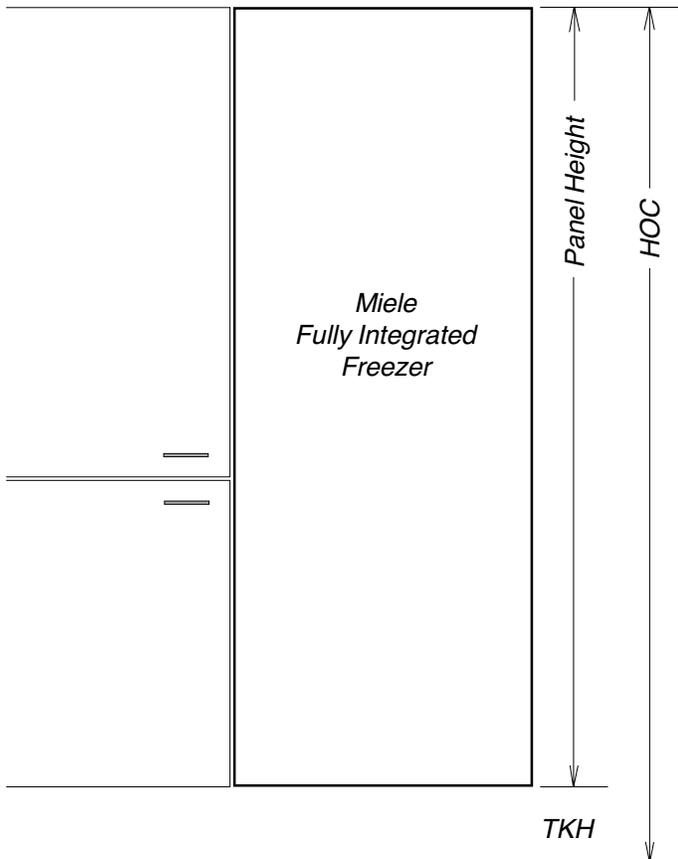


Fully Integrated
30" MasterCool | K 28x1 Vi & F 28x1 Vi

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:



Width: Minimum 29 3/4" (756 mm)

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

Height: Determined using the following calculation:

$$\text{Panel Height} = \text{HOC} - \text{TKH}$$

HOC = Total height of cabinet or side panel

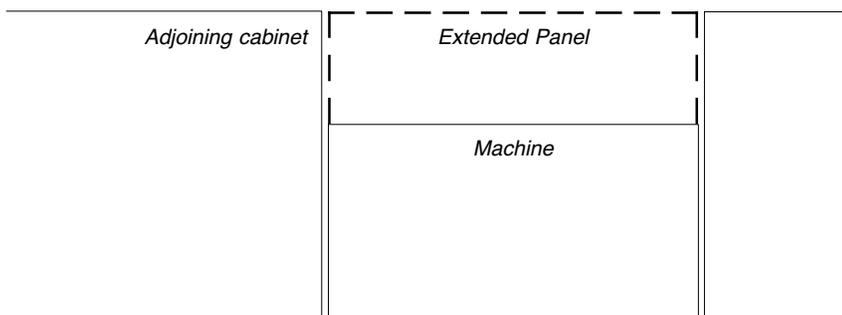
TKH = Toe-kick height

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.

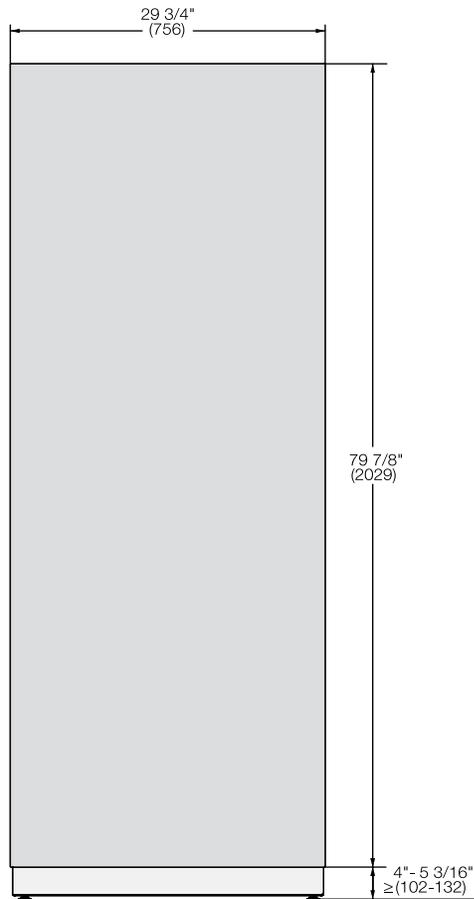


Fully Integrated 30" MasterCool | K 28x1 Vi & F 28x1 Vi

DOOR PANEL DIMENSIONS KFP 3004 - Door Panel

Available as an accessory
for the following models:

- K 28x1 Vi
- F 28x1 Vi

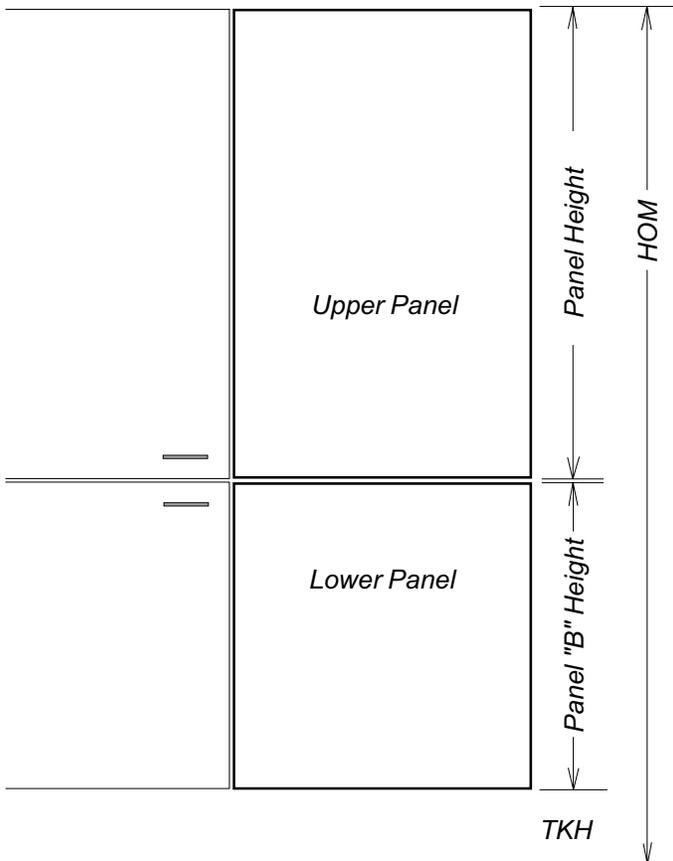


Fully Integrated 30" MasterCool | KF 28x1 Vi

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:



Width: Minimum 29 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:

Panel Height = HOM - 51 1/2" (1307 mm) - TKH

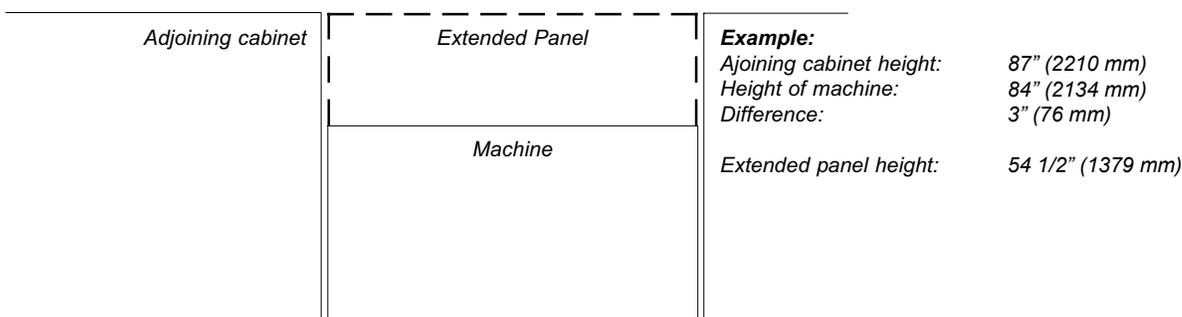
HOM = Total height of machine. Can be adjusted to match adjoining cabinets - typically 84" (2133 mm).
 HOM is adjustable between 84" -85 3/16" (2134 mm - 2164 mm)

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

Lower Maximum panel weight: 22 lbs

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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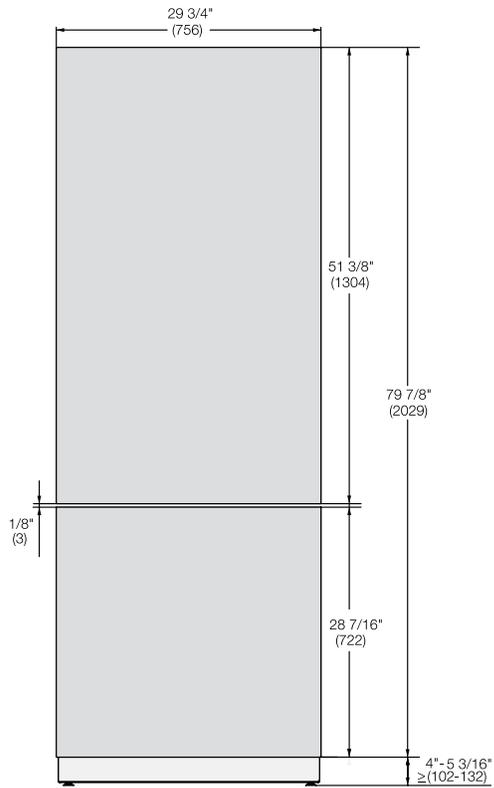
DOOR PANEL DIMENSIONS

KFP 3014 - Top Panel

KFP 3024 - Bottom Panel

Available as an accessory
for the following model:

- KF 28x1 Vi

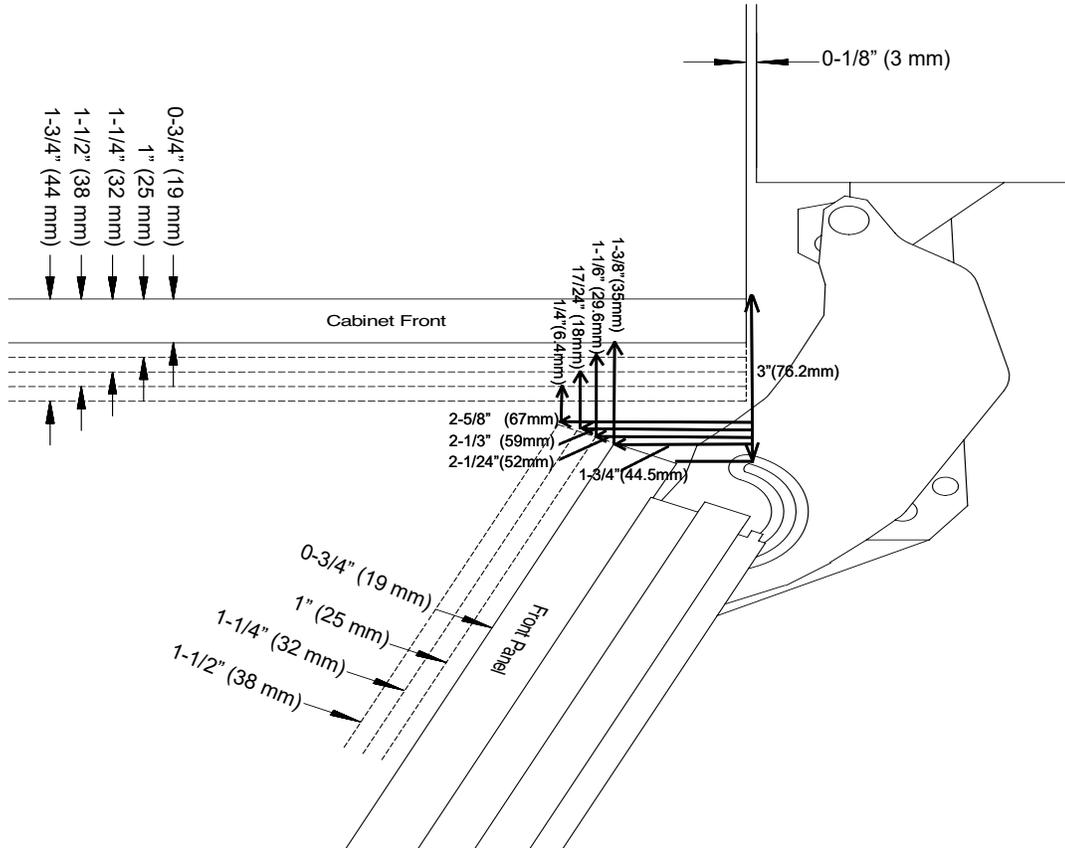


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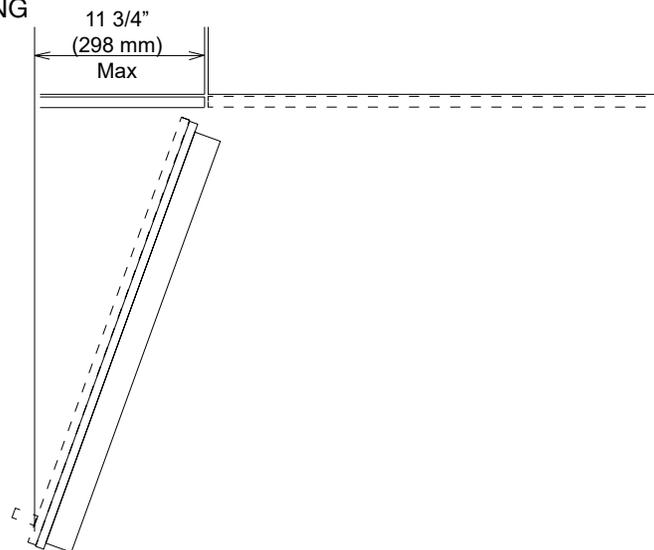
HINGING DETAILS 115° OPENING

Available for the following models:

- K 28x1 Vi
- F 28x1 Vi
- KF 28x1 Vi



DOOR SWING AT 115° OPENING



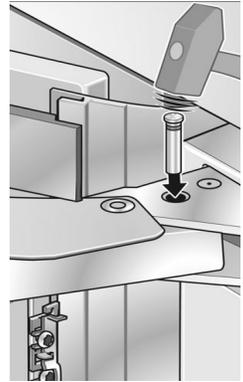
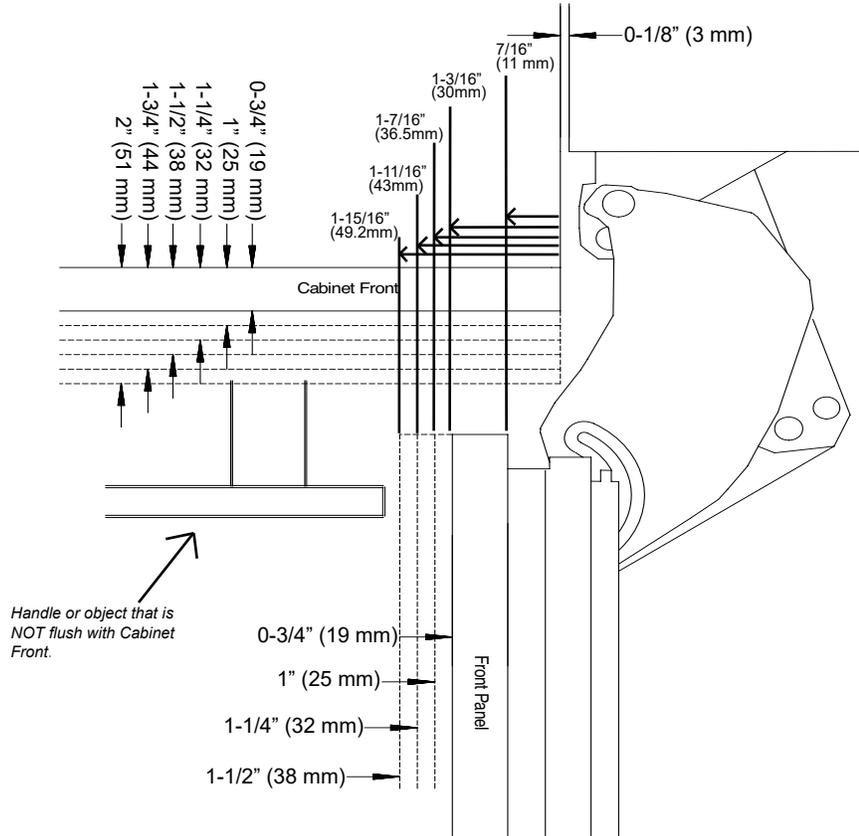
NOTE: Additional space needed depending on thickness of front panels and handle used

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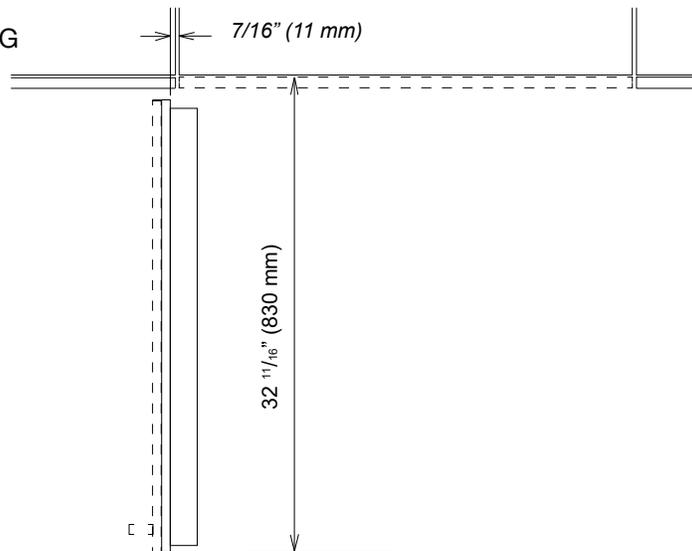
HINGING DETAILS 90° OPENING

Available for the following models:

- K 28x1 Vi
- KF 28x1 Vi



DOOR SWING AT 90° OPENING



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°