

Miele

Fully Integrated
30" Bottom Mount

KF 1813 Vi / KF 1803 Vi



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Features:

- MasterCool controls
- ClearView lighting system
- Drop and Lock Shelves
- SmartFresh storage drawers
- FullView storage drawers
- Ice maker
- RemoteVision capable
- Acoustic door and temperature alarm
- Optical door and temperature alarm
- Energy Star

SPECIFICATIONS

KF 1803 Vi – Item 38180301USA - Right Hinged

KF 1813 Vi – Item 38181301USA - Left Hinged

Overall Unit Width 29³/₄" (756 mm)

Overall Unit Height 84" (2134 mm)

Overall Unit Depth 24" (610 mm)

Niche

Minimum Cabinet Opening Width 30" (762 mm)

Minimum Cabinet Opening Height 84" (2134 mm)

Minimum Cabinet Opening Depth 25" (635 mm)*

Interior Volume

Fresh Food Volume 10.8 cu-ft (305.8 L)

Freezer Volume 4.39 cu-ft (124.3 L)

Plumbing

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 25 psi (1.7 bar) and may not exceed 80 psi (5.5 bar). If the pressure is higher than 80 psi (5.5 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.

Electrical

Electrical Requirements - Volts/Amps 110V / 120V, 60Hz, 15 Amps

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

Power Cord - Plug and length NEMA 5-15 plug, 5 ft (1.52 m)

Custom Panel

Please refer to the manual for further details.

Maximum Panel Weight Upper door - 104 lbs (47 kg)

Lower door - 22 lbs (10 kg)

Maximum Panel Thickness 1¹/₂" (38 mm)

Minimum Panel Thickness 3/4" (19 mm)

Shipping

Shipping Weight 503 lbs (228 kg)

Shipping Dimensions 33¹/₂" W x 89¹³/₁₆" H x 29¹/₄" D

Support

Call Miele (800) 999-1360

Miele Website www.mieleusa.com

20/20 Link 2020technologies.com

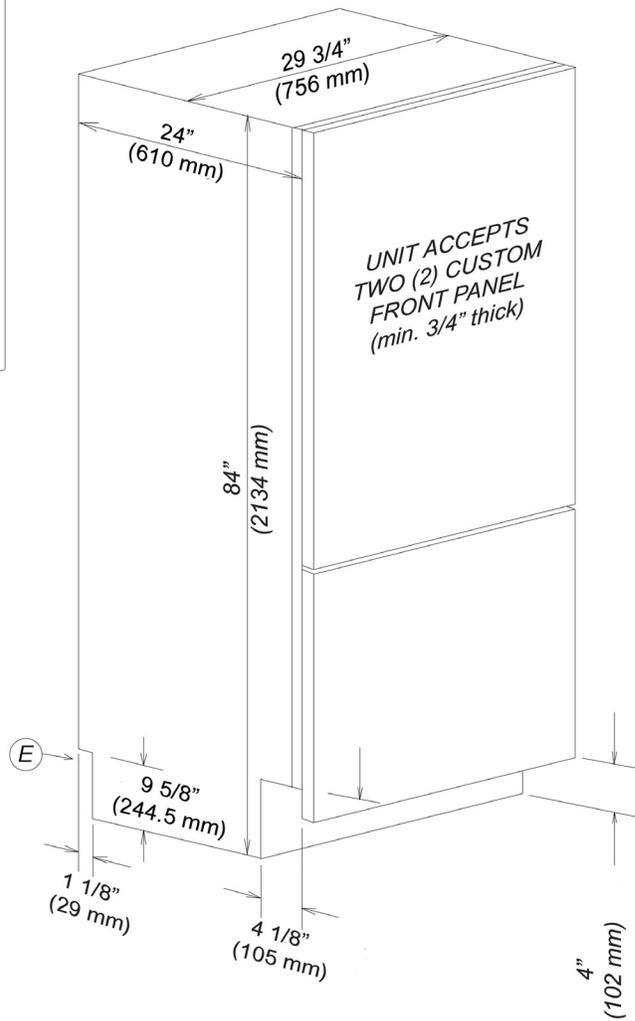
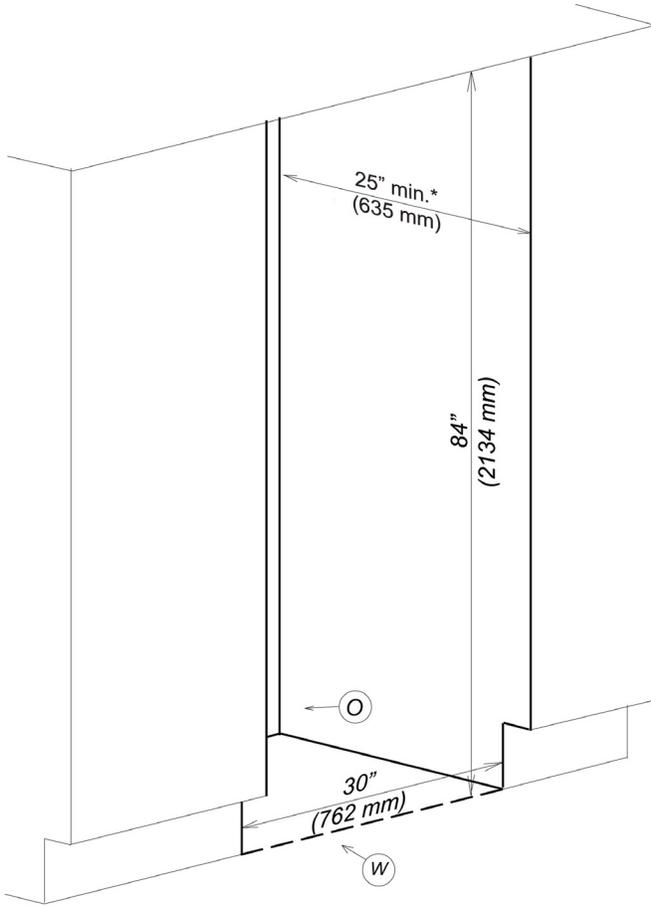
Please note the following:

- 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 6⁵/₁₆" (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.

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FOR FLUSH INSTALLATION



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

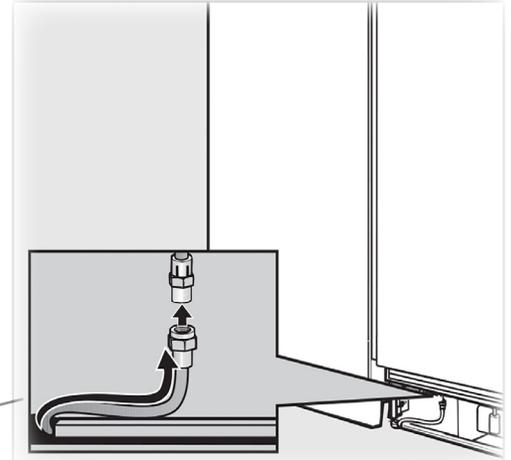
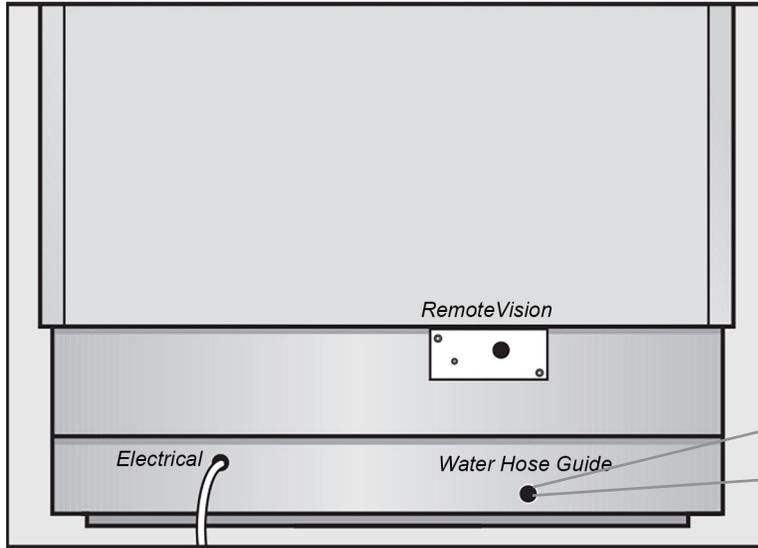
- E - 5 foot - Nema 5-15 molded plug power cord - connects lower left rear
- O - Standard NEMA 5-15 Outlet - locate less than 9" above finished floor
- W - 1/4" flexible water line - not included

Notes

- All Installations must be done in accordance with local codes
- Sides of adjoining cabinets should be filled (flush to frame) to insure proper fit and finish
- For side-by-side installation please refer to the Miele merging kit specification sheet - Some merge kits will require the location of the Electrical outlet(s) to be in adjacent cabinetry
- 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.

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POWER SUPPLY AND WATER CONNECTION BACK VIEW



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

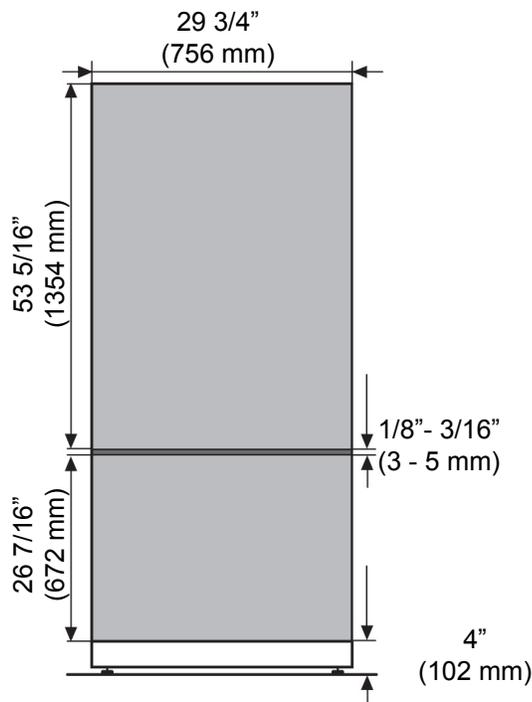
Electrical - 5 foot (1.52 m) - 120 Volt - 15 Amp - NEMA 5-15 molded plug
Water line - 1/4" flexible water line - not included

DOOR PANELS DIMENSIONS

KFP 3013 - Top Panel

KFP 3023 - Bottom Panel

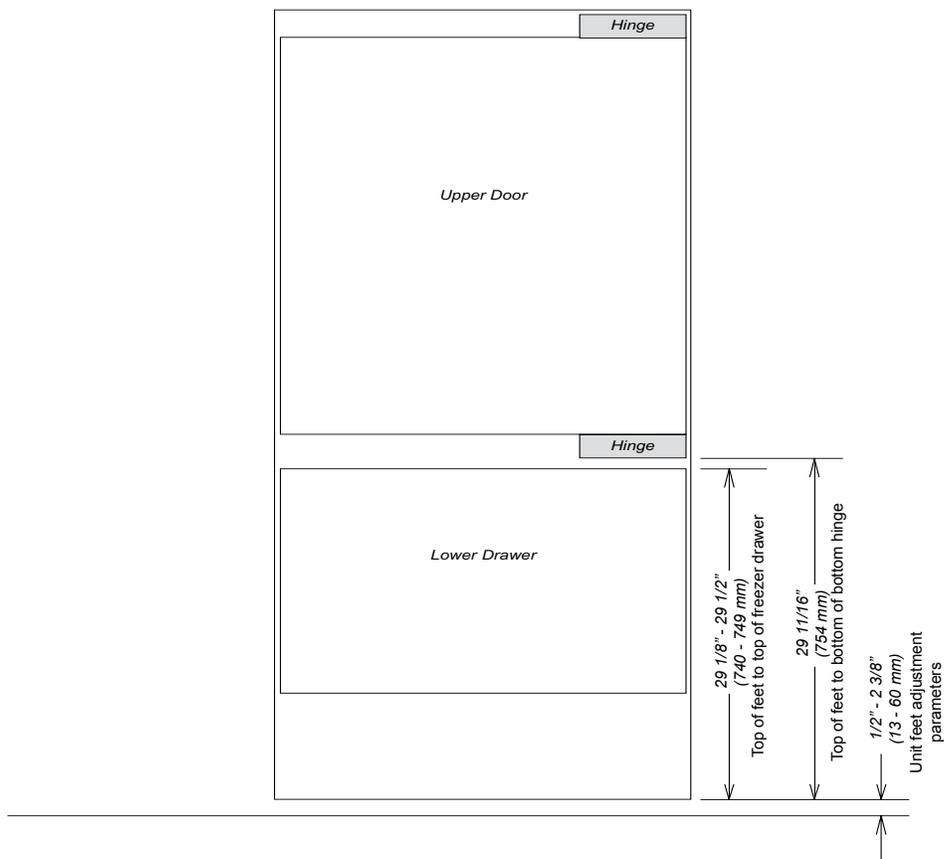
(Available as an accessory)



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LOWER HINGE LOCATION

FRONT VIEW

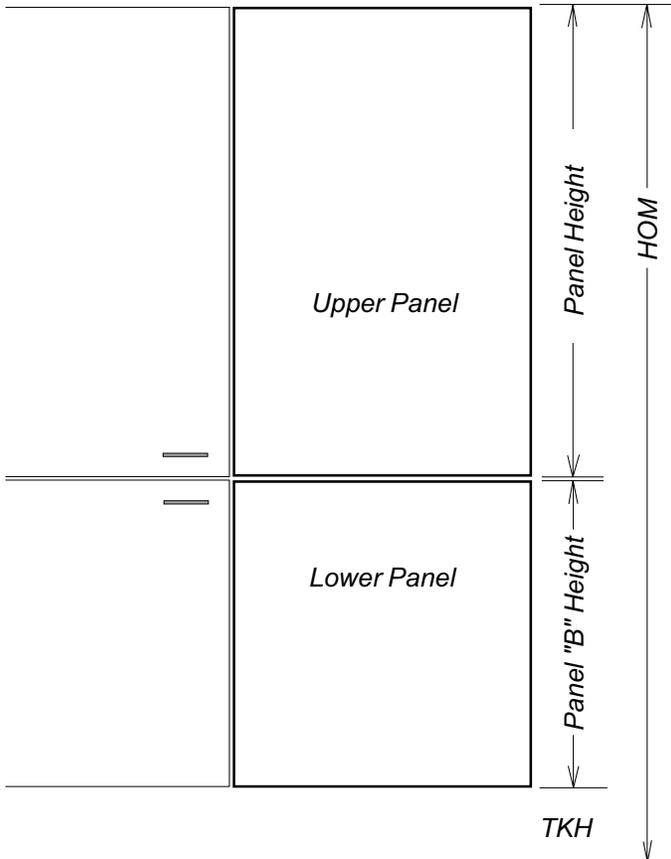


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CUSTOM PANEL INSTALLATIONS

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: 29 3/4" (756 mm) in all cases
Thickness: Minimum 3/4" (19 mm) outside frame

Standard Upper Panel Height: 53 5/16" (1354 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

Lower Panel Height: Use the following calculation:

Panel Height = HOM - 53 9/16" (1360.5 mm) - TKH

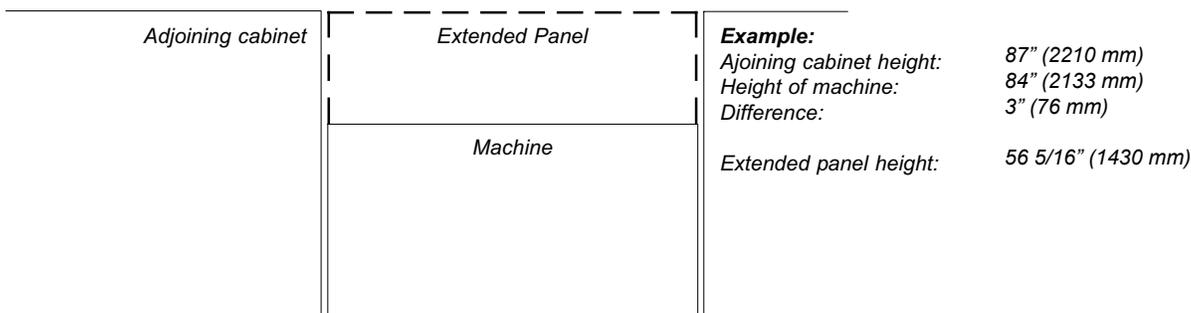
HOM = Total height of machine. Can be adjusted to match adjoining cabinets - typically 84" (2133 mm).
 HOM is adjustable between 83 1/2" - 85 3/8" (2121 mm - 2165 mm)

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

Lower Maximum panel weight: 22 Pounds

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"

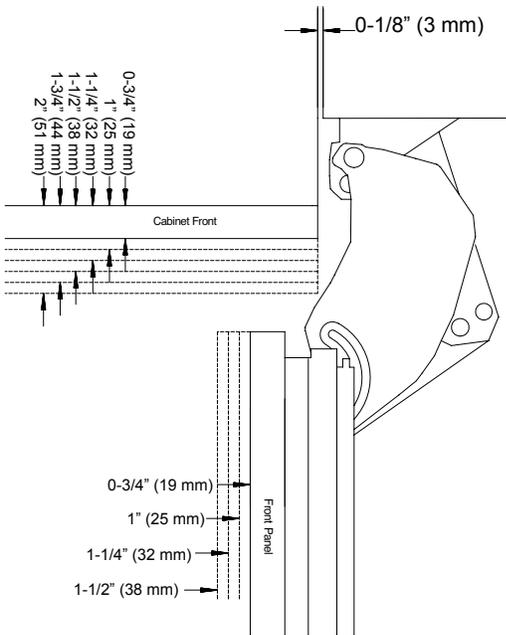


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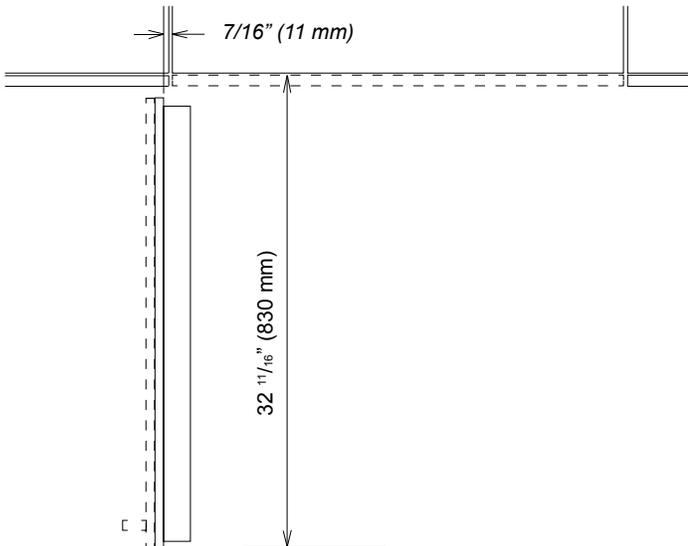
HINGING DETAILS

90° Door

Thickness options



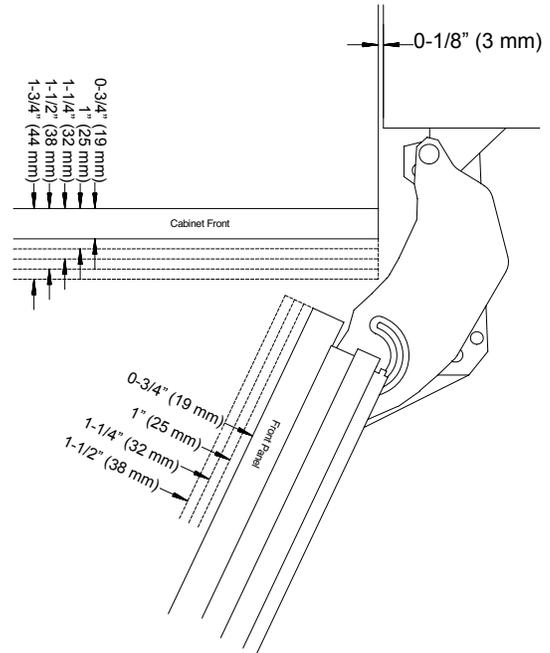
Door Swing



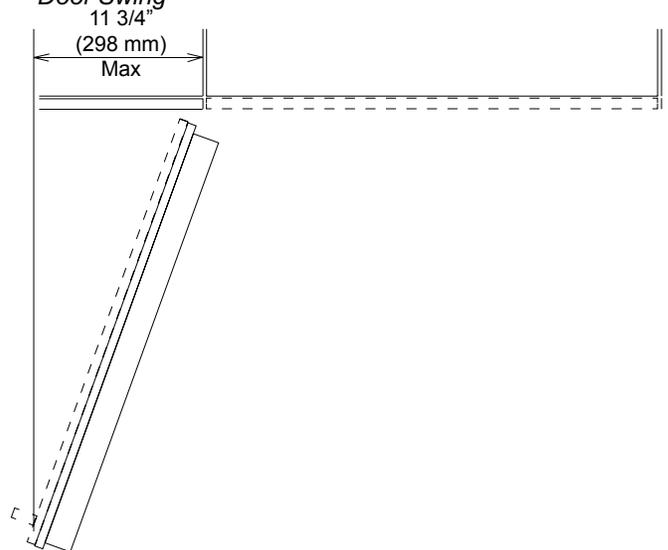
NOTE: Additional space needed depending on thickness of front panels and handle used

115° Door

Thickness options



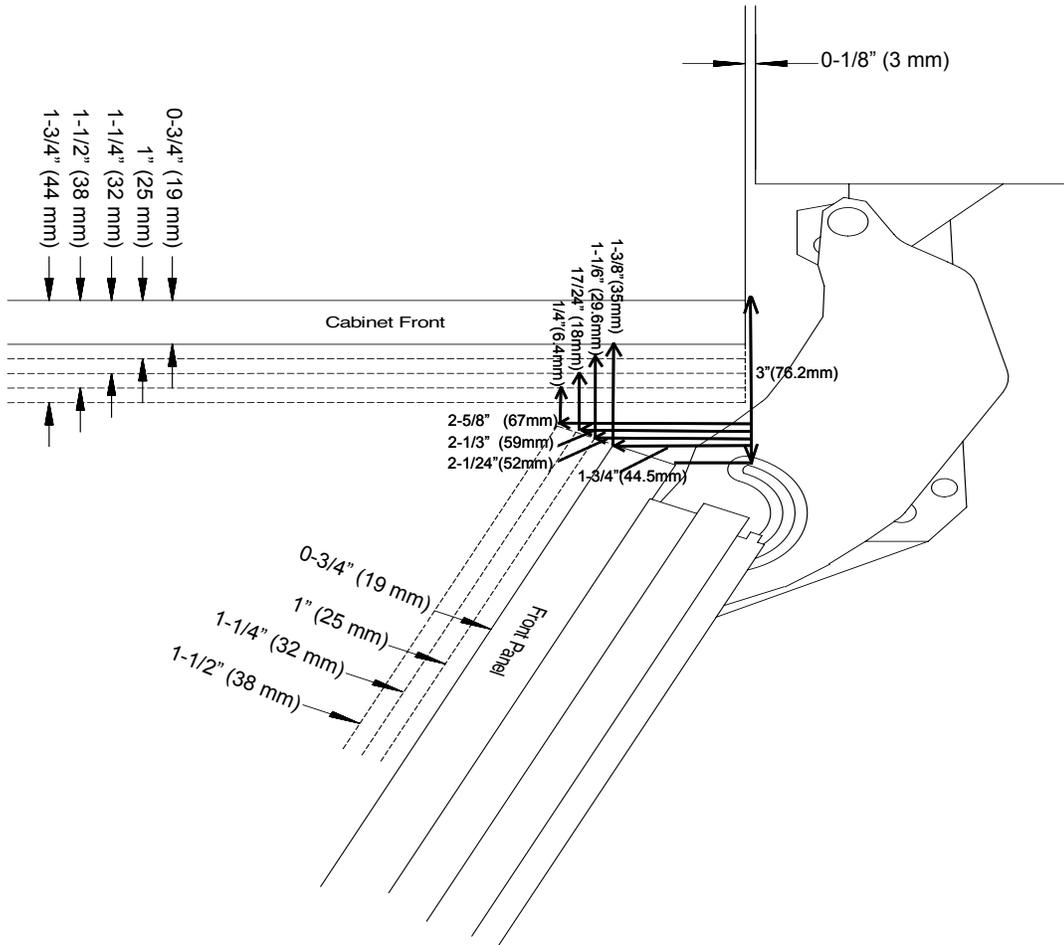
Door Swing



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

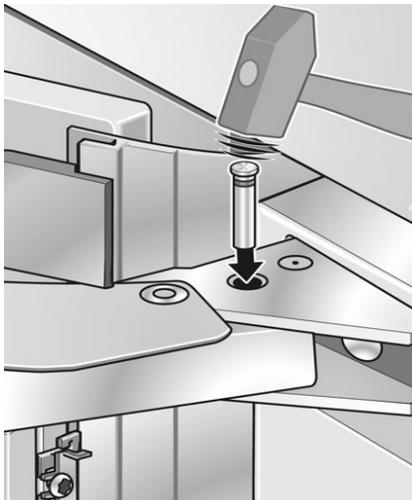
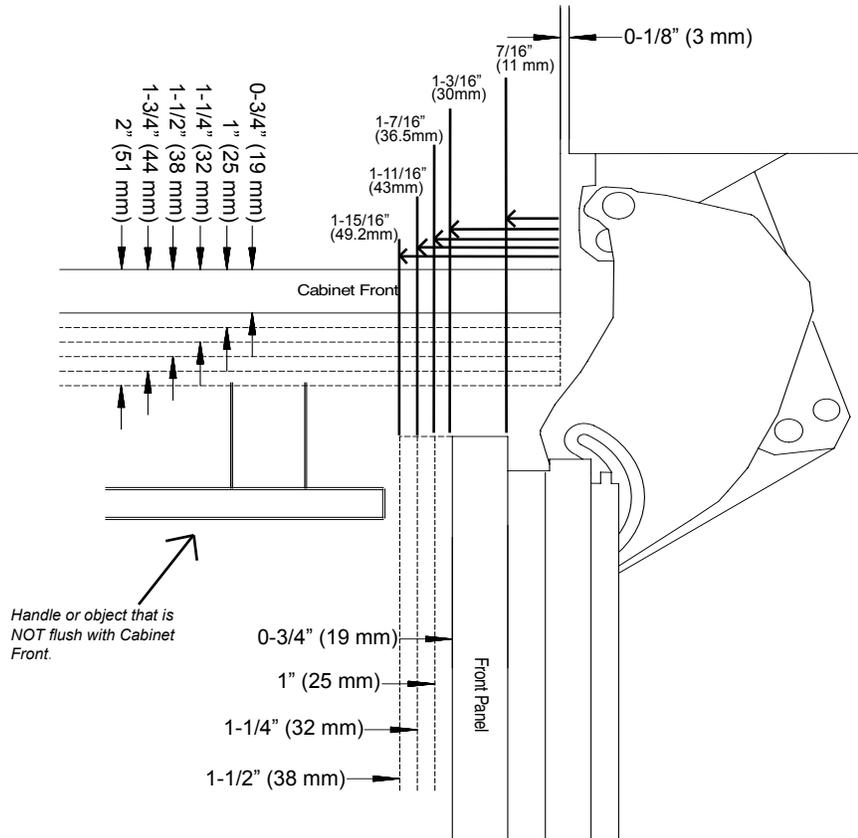
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HINGING DETAILS 115° OPENING



Fully Integrated 30" Bottom Mount KF 1813 Vi / KF 1803 Vi

HINGING DETAILS 90° OPENING



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.