



Specifications for Project

McCoy Design Studio - Horseman

Salesperson

Shari Budde

shari@authorizedstl.com



REMINDER: To ensure a smooth project it is the responsibility of the homeowner / purchaser of appliances for this project to share all the attached specifications to ensure the cabinet provider, contractor, or any other tradesperson have all the information required to complete their work accurately.

Specifications are subject to change. If any tradesperson has questions regarding the attached specifications please contact our sales associate.

McCoy Design Studio - Horseman



Authorized Appliance

authorizedstl.com

Shari Budde

Sales

314-582-7562

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Version 1.1

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Note about page numbers:

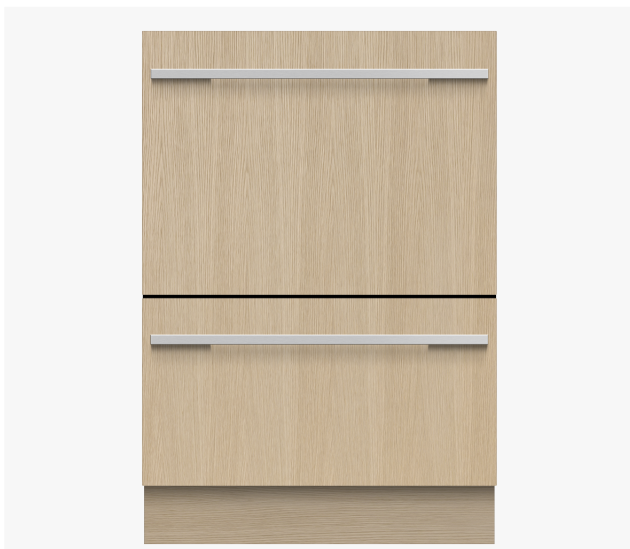
Because the original manufacturer's documents are not altered in any way, the page numbers displayed on the page may not correspond to the page number within this package.

All specifications are intended for initial planning purposes only.

Manufacturers reserve the right to change specifications at any time without notice. Always consult the installation instructions found on the manufacturer's website or included with the appliances before installation.

Series 9, Integrated Tall Double DishDrawer Dishwasher

Integrated

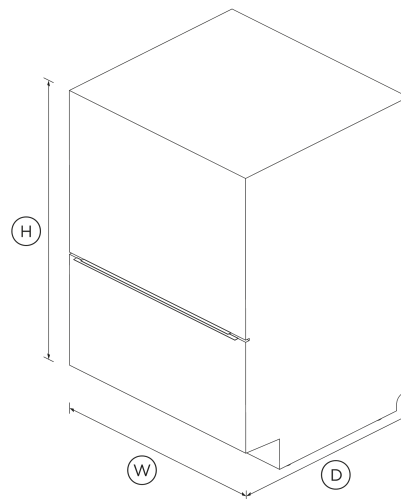


Doing the dishes got easier. Load one drawer while the other washes – with the top drawer fitting your large dinner plates easily.

- Knock to pause function is perfect if you miss a dish
- Six wash programs, as well as additional Quick wash, Sanitize and Extra Dry options
- Flexible racking can be folded down to fit bigger dishes
- Customize with your own kitchen cabinetry or purchase our stainless steel door panel accessory

DIMENSIONS

Height	34 - 36 3/8 "
Width	23 9/16 "
Depth	21 3/4 "



FEATURES & BENEFITS

SEAMLESS INTEGRATION

Slide your DishDrawer™ Dishwasher into an existing kitchen space or integrate into kitchen cabinetry, for a seamless look whilst delivering superior dish care.

Ease of use

DishDrawer™ Dishwashers are as easy to open and close as kitchen drawers and can be conveniently positioned at bench height for ease of loading and minimal bending. Flexible racking allows you to make adjustments to fit in a variety of dishes.

Independent Wash

With the ability to use both drawers independently and select different wash programs the DishDrawer™ Dishwasher can wash everything from fine glass and crystal to heavily soiled pots and pans.

TRUE HALF LOAD

Each drawer holds a true half load for guilt-free small washes and fast turnaround of your dishes. Both drawers operate independently so different wash cycles can run simultaneously to accommodate a variety of loads.

Quick, Sanitize and Extra Dry options

The Quick wash modifier delivers a faster wash while maintaining performance. The Sanitize option provides extra protection killing 99.9% of bacteria in the final rinse. The Extra Dry setting is perfect for plastic dishes.

Knock to pause

Instead of needing a remote control, these DishDrawer™ Dishwashers have a knock to pause function. A knock on the front panel will pause the dishwasher which can be re-started again by using the start/play button.

Quiet performer

Running at a very low decibel rating, these DishDrawer™ dishwashers do their job without making a fuss. The combination of intelligent technology and simple mechanics means greater reliability and excellent wash performance.

SPECIFICATIONS

Accessories (included)

Cutlery basket	•	Place settings per drawer	7	Flow through detergent dispenser	•
Kickstrip	true			Motor type	BLDC
Knife clip and multipurpose clip	•			Quiet operation	•
				SmartDrive™ technology	•
Accessories (sold separately)		Connected Features			
Door panel recessed handle matte black glass	ADDD24DTZB	Alerts and notifications	•		
Door panel recessed handle stainless steel	ADDD24DTNX	Education and onboarding	•	Performance	
Door panel stainless steel	ADDD24DTPX	Monitoring	•	Noise on standard cycle top drawer	43 dBA
Handle kit Classic	AHCL-DDDW-24X	Software updates	•		
Handle kit Contemporary round, aluminium	AHS-OBDD-60S	Consumption		Power Requirements	
Handle kit Contemporary square fine, aluminium	AHD5-OBDD-60SX	Energy usage	263kWh/year	Amperage	10A
Handle kit Contemporary square fine, black	AHD5-OBDD-60SB	In-use energy carbon emissions estimate	92.8kgCO2e/year	Electric circuit	3
Handle kit Contemporary square, aluminium	AHD3-OBDD-60S	Water usage (per wash cycle)	3.28 gal running both tubs	Rated current	15 A
Handle kit Professional round flush	AHP3-DWDD-SX			Supply frequency	60
Handle kit Professional round flush, Brass off-stands	AHP3DDDW24BA	Controls		Supply voltage	100 - 120V
Handle kit Professional round flush, Dark Copper off-stands	AHP3DDDW24DC	Electronic fault/Diagnostic indicator	•	Product Dimensions	
		End of cycle beeps	•	Depth	21 3/4 "
		Energy saving delay start option of up to 12 hours	•	Height	34 - 36 3/8 "
		Internal wash selector	•	Width	23 9/16 "
		Keylock	•		
		Knock to pause	•	Wash Program Modifiers	
		Rinse aid indicator light	•	Extra Dry	•
		Smart appliance	•	Quick	•
				Sanitise	•
				Wash modifiers	3
Capacity and loading		Features			
Accommodates round plates up to (lower drawer)	11"	Fan assisted drying	•	Wash Programs	
Accommodates round plates up to (upper drawer)	12.25" (top) 11" (bottom)	Flood protection	•		
Adjustable height, foldable cupracks	•				
Fold down tines	•				
Pitch adjustable tines	•				
Place settings	14				
Place settings	14				

Delicate	•
Eco	•
Fast	•
Heavy	•
Medium	•
Rinse	•
Wash programs	6

Water connection

Inlet water temperature	140 °C
Inlet water temperature	max 140 °F
Supplied hose to suit 3/8" (9mm) male compression fitting	•
Water pressure	30kPa - 1000 kPa
Water supply	3/8" to suit Male Compression Fitting

SKU	82338
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- [↓](#) SketchUp - Door and Contemporary Square Handle
- [↓](#) User Guide (English)
- [↓](#) Installation Video

Where applicable:

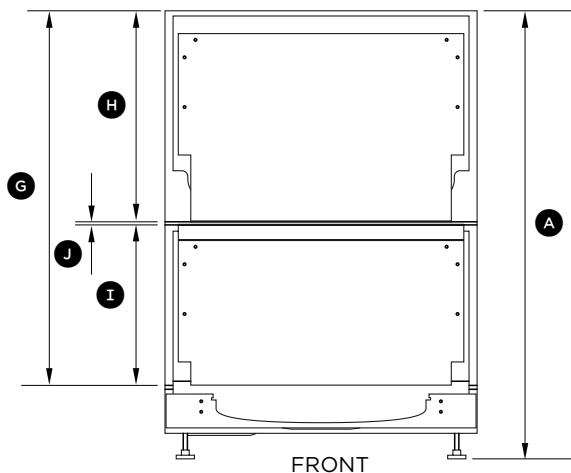
All appliances use energy, and energy usage typically generates carbon emissions. **Fisher & Paykel Appliances' In-use Energy Carbon Emissions Estimate** indicates carbon emissions from a product's in-use energy. This is calculated either annually or per cycle, using the product's market-specific energy label energy consumption data multiplied by the carbon emissions factor for energy in your country or region.

Our In-use Energy Carbon Emissions Estimate is designed to assist customers in making informed purchasing decisions when comparing different Fisher & Paykel products. For example, a heat pump dryer typically has a lower In-use Energy Carbon Emissions Estimate than a vented dryer.

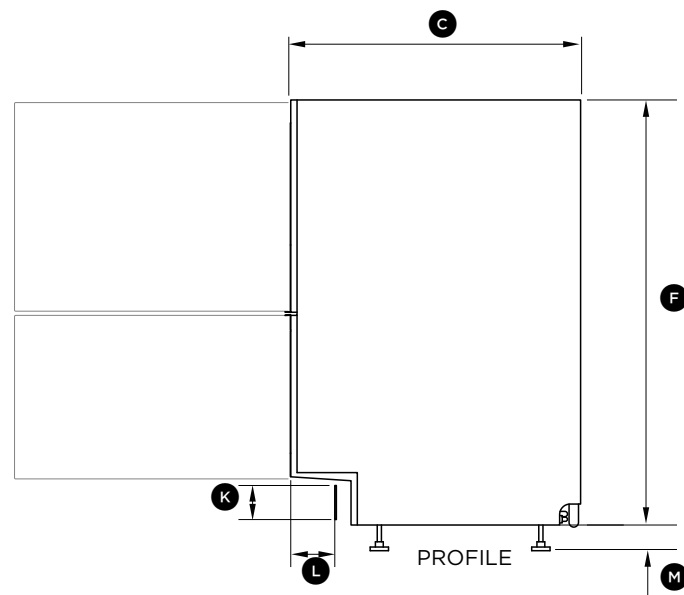


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4 PRODUCT DIMENSIONS



FRONT



PROFILE

STANDARD
HEIGHT
MODELS

TALL
HEIGHT
MODELS

DD24DI

**DD24DTI
DD24DHTI**

PRODUCT DIMENSIONS	INCHES (MM)	INCHES (MM)
(A) Overall height of product ^{1,2}	32 5/16 - 34 5/8" (820-880)	34 - 36 3/8" (864-924)
(B) Overall width of product	23 9/16" (599)	23 9/16" (599)
(C) Overall depth of product ³	22 1/2" (571)	22 1/2" (571)
(D) Depth of chassis (to back of front drawer panel)	21 3/4" (553)	21 3/4" (553)
(E) Depth of drawer front panel	5/8" - 13/16" (16-20)	13/16" (20)
(F) Height of chassis ¹	31 15/16" (811)	33 11/16" (855)
(G) Height of drawer front panels	min. 28 1/4" (717)	29 15/16" (761)
(H) Height of upper drawer front panel	min 15 11/16" (398)	min. 17 3/8" (442)
(I) Height of lower drawer front panel	12 1/4" - 14 3/16" (311-360)	12 1/4" - 14 3/16" (311-360)
(J) Ventilation gap between drawer front panels	5/16" (8)	5/16" (8)
(K) Height of toe kick (customisable)	2 1/4" - 4 5/8" (58-118)	2 1/4" - 4 5/8" (58-118)
(L) Depth from front of drawer panel to front of toe kick (adjustable) ^{4,5}	1 9/16" - 3 15/16" (40-100)	1 9/16" - 3 15/16" (40-100)
(M) Height of leveling feet (adjustable) ²	3/8 - 2 11/16" (9-69)	3/8 - 2 11/16" (9-69)
(N) Maximum extension of drawer ³	21 7/16" (545)	21 7/16" (545)

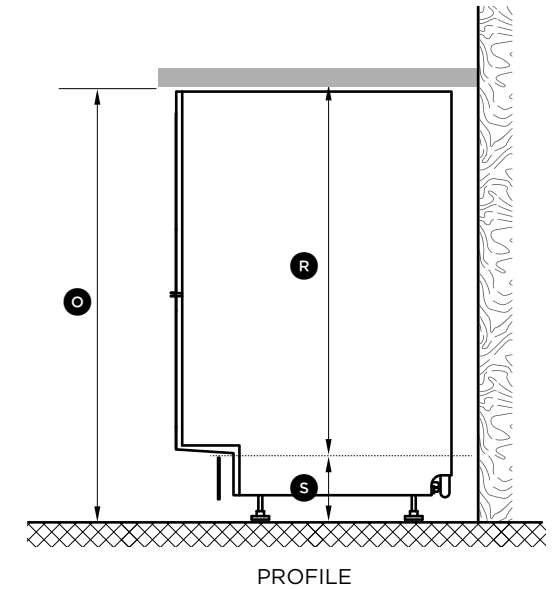
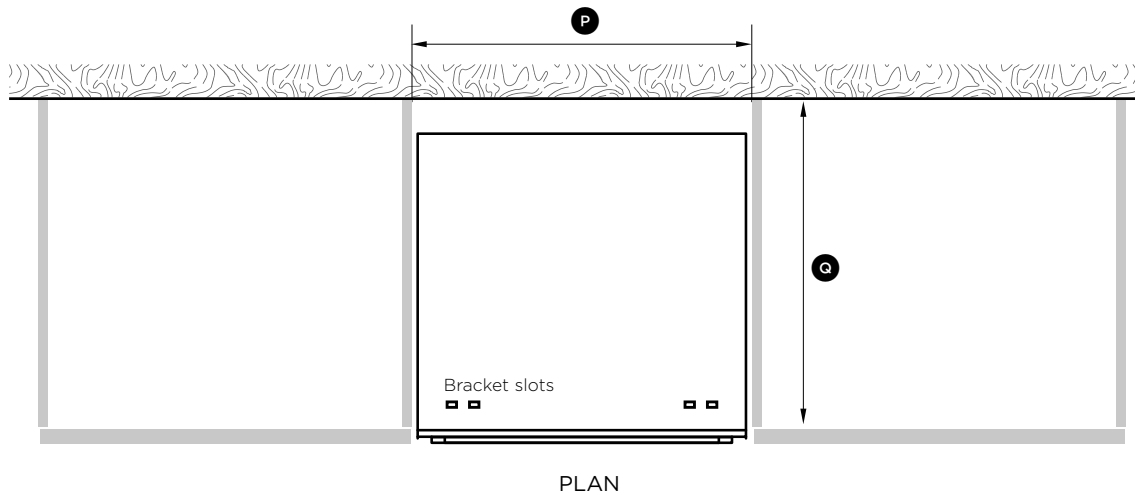
¹ includes 1/16" (2mm) high bracket slots ² depending on adjustment of leveling feet ³ assuming front panel thickness of 11/16" (18mm)

⁴ adjustable to match toe kick recess on adjoining cabinetry

⁵ assuming custom toe kick panel thickness of 11/16" (18mm); if recess is between 1 15/16" - 3 5/16" (50-84mm) deep, the panel will need to be cut out - see step 'Custom panel calculations'

PLAN

5 CABINETY DIMENSIONS



STANDARD
HEIGHT
MODELS

TALL
HEIGHT
MODELS

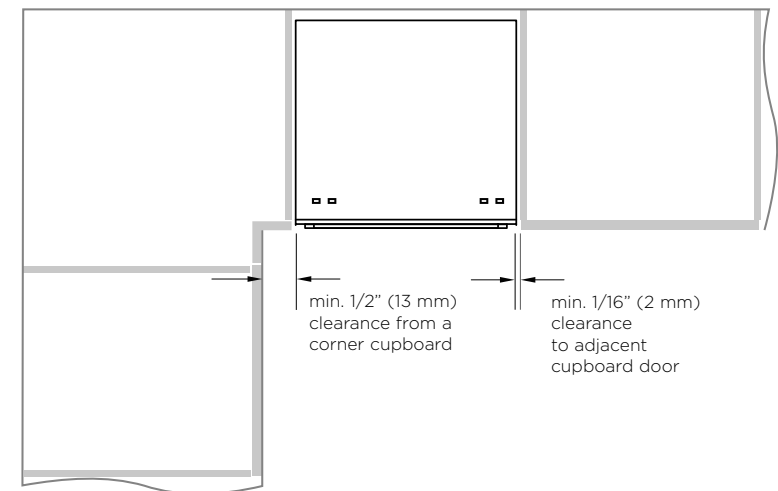
DD24DI

**DD24DTI
DD24DHTI**

CABINETY DIMENSIONS	INCHES (MM)	INCHES (MM)
⓪ Inside height of cavity*	min. 32 5/16" (820)	min. 34" (864)
Ⓟ Inside width of cavity	23 5/8" (600)	23 5/8" (600)
Ⓠ Inside depth of cavity	min. 22 1/16" (560)	min. 22 1/16" (560)
Ⓡ Recommended height of adjacent cabinet space	30" (762)	30" (762)
Ⓢ Height of toe kick space*	2 3/8 - 4 3/4" (60-120)	3 15/16" - 6 5/16" (100-160)

* depending on adjustment of leveling feet

Minimum clearances from adjacent cabinetry



6 CUSTOM DRAWER PANEL SPECIFICATIONS

FRONT PANEL MATERIAL SPECIFICATIONS

- 5/8–13/16" (16–20mm) panel thickness.
- Adequately sealed to withstand moisture (122°F/50°C @ 80% RH)
Because of it being a hot and wet environment generally, the back and sides of the panel should be completely sealed with a waterproof vapor barrier (ie polyurethane) to prevent damage to the panel.
- The back of the panel (including any integrated handle) should be completely flush so that the seal between the panel and the rubber trim is maintained.
- Installation outside these specs may result in condensation on cabinetry surfaces.
- Maximum weight of each panel: 20lb (9kg)

The following calculations assume the top of the upper panel is aligned with the top of the adjacent cabinetry.
The final panel/cabinetry alignment is achieved by adjusting the feet:

WIDTH OF ALL PANELS

Measure **A** (the width between adjacent door/drawer fronts) and write it in the first box below, then complete the equation.

$$\boxed{\text{A}} - 2 \times \boxed{\text{Clearance to adjacent cabinet front}} = \boxed{\text{WIDTH OF PANEL}}$$

(min. 1/16" (2mm)) (23 7/16"-24 3/16" (596-615mm))

HEIGHT OF THE UPPER PANEL

$$\boxed{\text{Minimum height}} + \boxed{\text{B}} = \boxed{\text{HEIGHT OF UPPER PANEL}}$$

DD24DI models: 15 11/16" (398mm)
DD24DTI/DD24DHTI models: 17 3/8" (442mm)
(0"/0mm recommended)

Note: The 'upper panel extension' **B** allows for the top of the upper panel to extend above the chassis where required, however a min. 1/16" (2mm) gap to the countertop must be maintained.

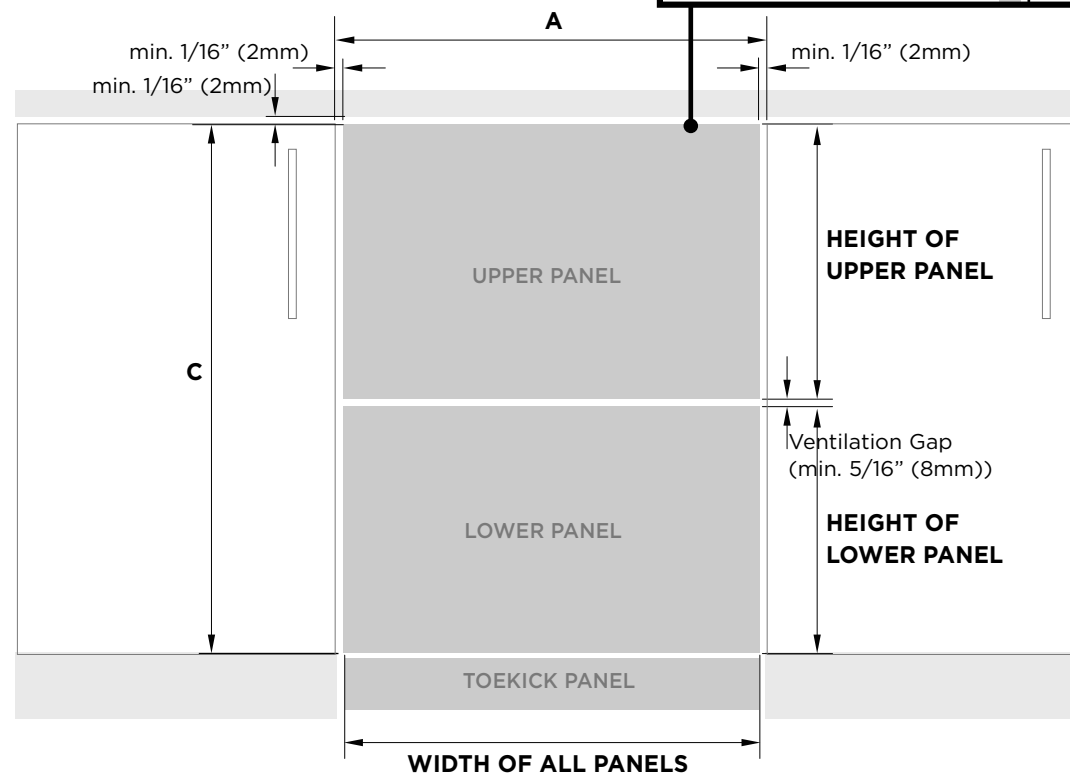
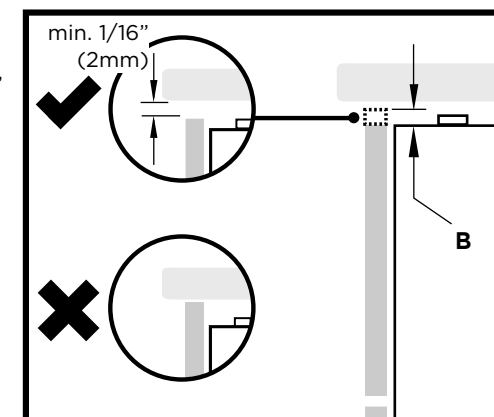
HEIGHT OF THE LOWER PANEL

Measure **C** (door/drawer height (or equivalent)) and write it in the first box below, then complete the equation.

$$\boxed{\text{C}} - \boxed{\text{Height of Upper Panel}} - \boxed{\text{Ventilation Gap}} = \boxed{\text{HEIGHT OF LOWER PANEL}}$$

DD24DI models: (min 28 1/4" (717mm) + B)
DD24DTI/DD24DHTI models: (min 30" (762mm) + B)
(min. 5/16" (8mm)) (min. 12 1/4" (311mm))

Note: The 'upper panel extension' **B** allows for the top of the upper panel to extend above the chassis where required, however a min. 1/16" (2mm) gap to the countertop must be maintained.



7 CUSTOM TOEKICK PANEL SPECIFICATIONS

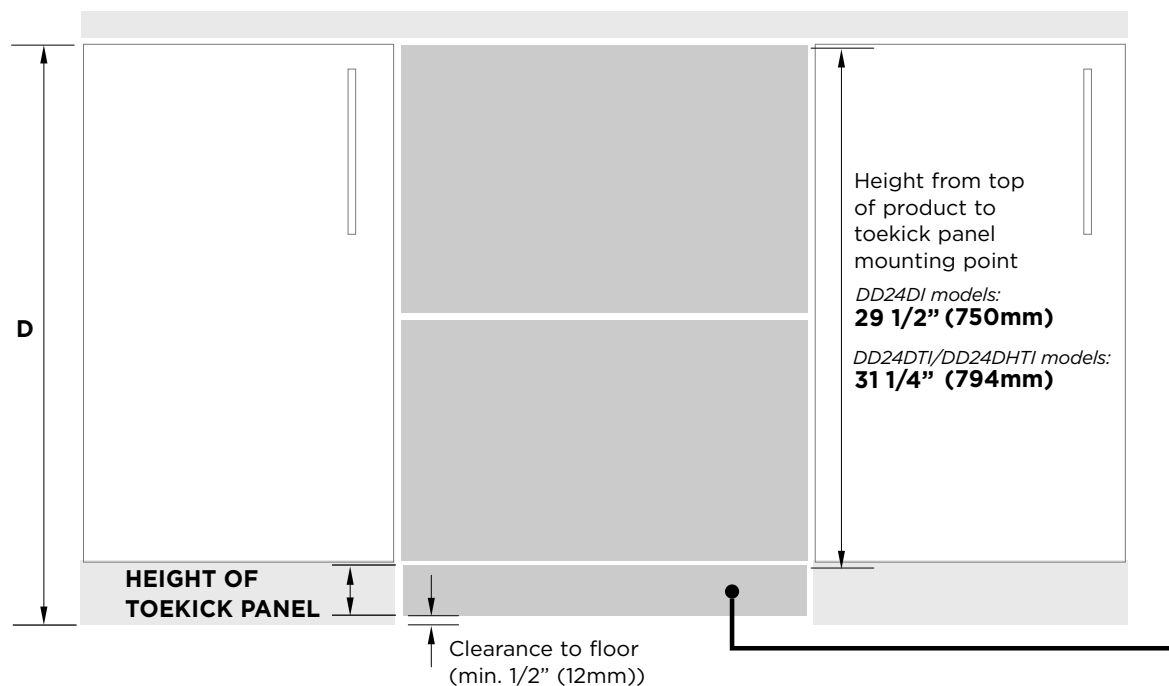
TOEKICK PANEL MATERIAL SPECIFICATIONS

- min. 3/8" (9mm) panel thickness if using supplied screws
- Adequately sealed to withstand moisture (122°F/50°C @ 80% RH)
- You may choose to affix your custom toekick panel either by screwing it or gluing it to the supplied mounting bracket.

HEIGHT OF THE TOEKICK PANEL

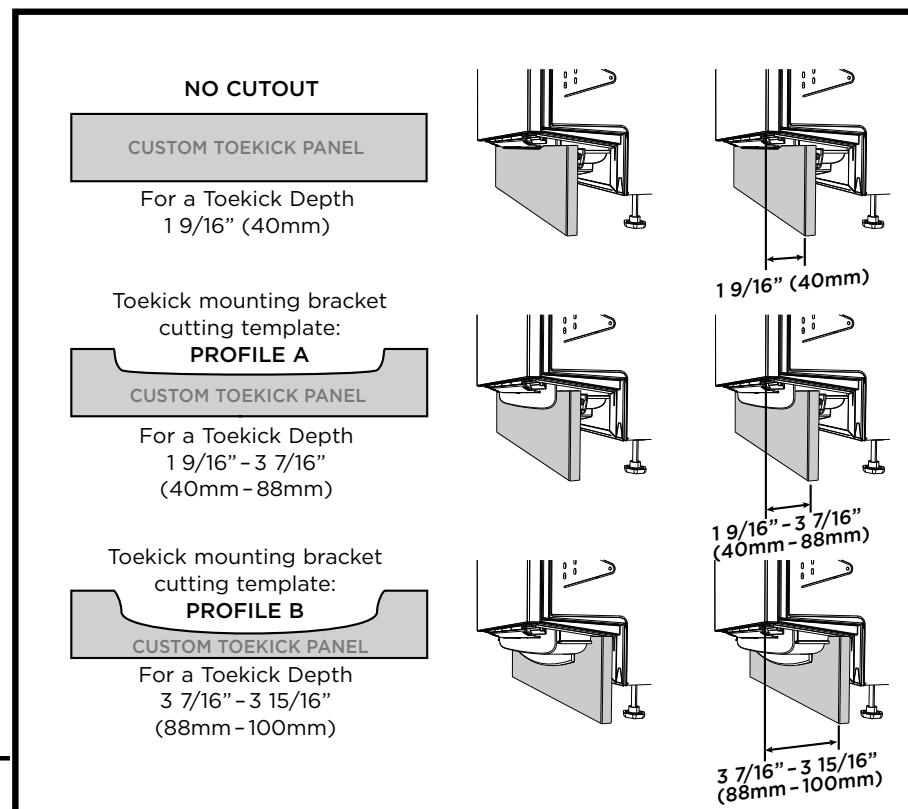
Measure **D** (height from the top of adjacent cabinet door fronts to the floor) and write it in the first box below, then complete the equation.


D - **B** = **HEIGHT OF TOEKICK PANEL**
 Upper Panel extension
 (0"/0mm recommended)
 height from top of product to toekick panel mounting point
 DD24DI models: **29 1/2" (750mm)**
 DD24DTI/DD24DHTI models: **31 1/4" (794mm)**
 Clearance to floor
 (min. 1/2" (12mm))
 (min. 2 1/4" (58))

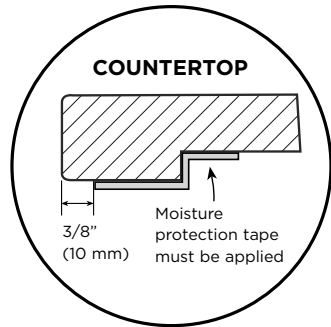


Toekick Depth

Depth is measured from FRONT of door panel (assuming thickness - 1/16" (18mm)) to front face of custom toekick label



8 CAVITY PREPARATION

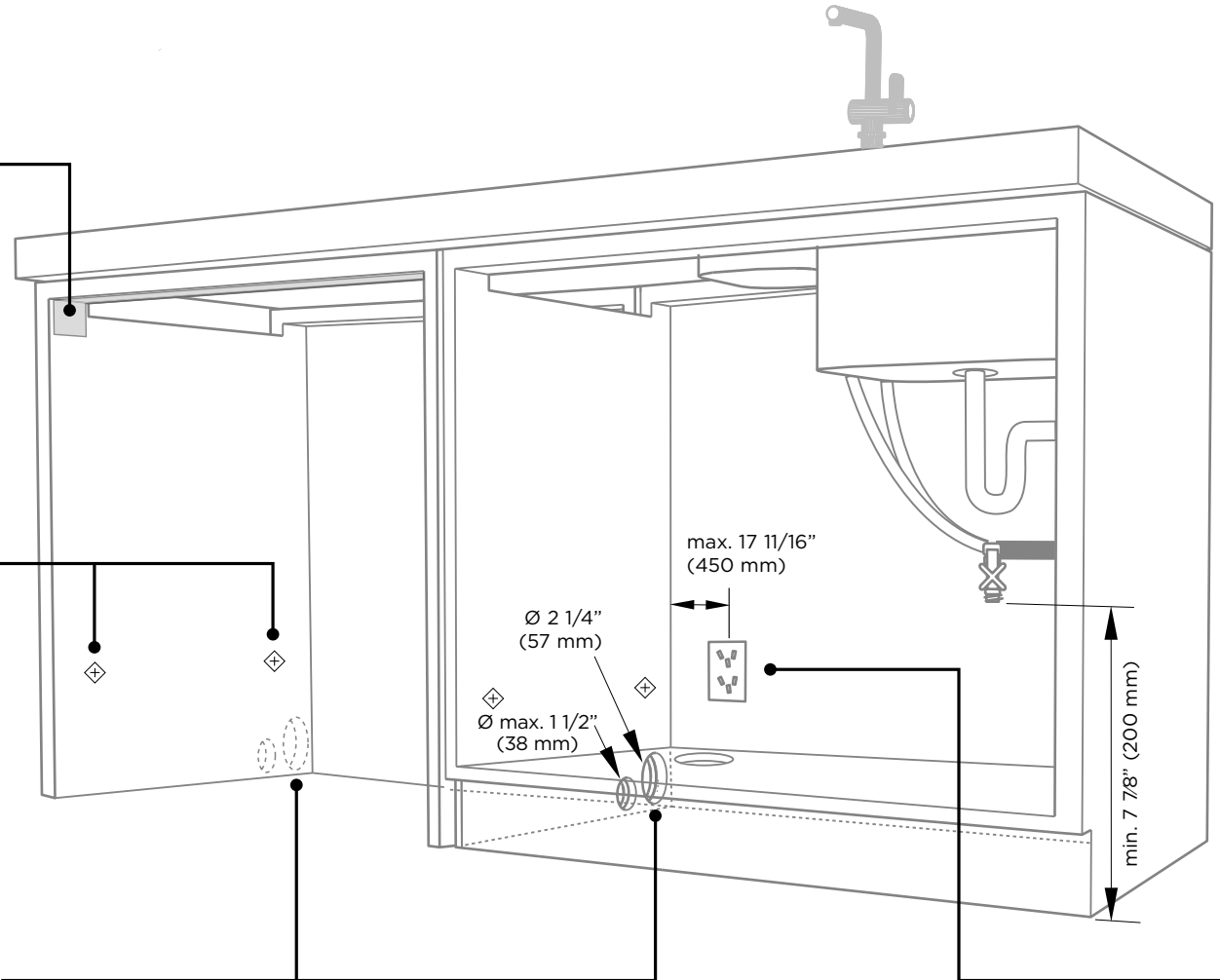
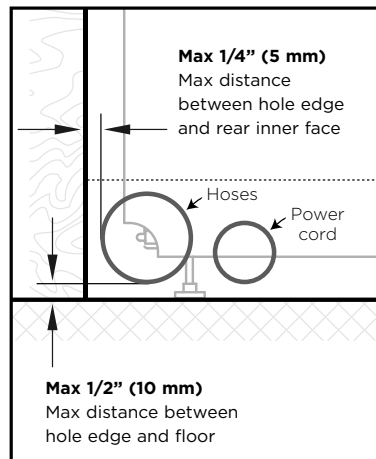


These marks indicate formed bracket screw locations, if securing by drawer removal.

If there is no side partition, you can construct timber bracing as something to secure into.

WARNING!

Incorrect placement of the hole will result in damage to hoses.



Service Holes

Can be located either side of dishwasher, close to the rear face and the floor, as illustrated, for access to the water supply, drain and power outlet. The small hole is for the power cord only.

- If the hole is through wood, make sure its edges are smooth and rounded.
- If the hole is through metal, ensure you fit the supplied Edge Protector to prevent damage to the power cord.



Water Connection

Recommended **HOT**
(Maximum 140°F/60°C).

Supplied hose to suit 3/8" (9 mm) male compression fitting.

Water Pressure

Water softener models

Max. 1 MPa (145 psi)
Min. 0.1 MPa (14.5 psi)

Models without water softener

Max. 1 MPa (145 psi)
Min. 0.03 MPa (4.3 psi)

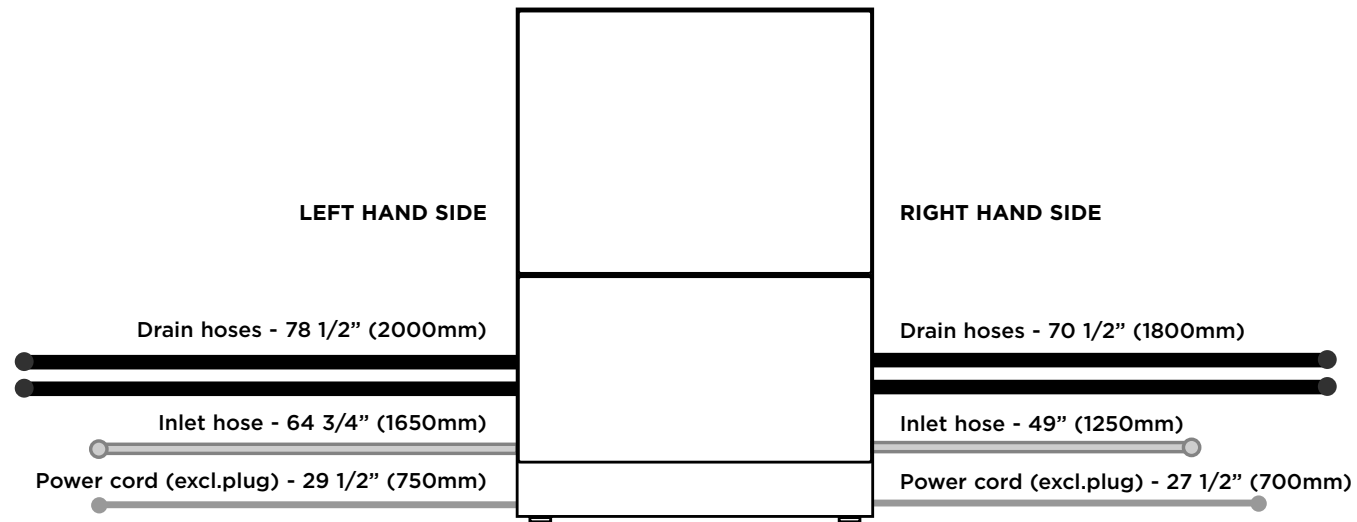
Kosher requirements

Drains will need to be separated to satisfy kosher requirements. We suggest you confirm acceptability with your local rabbi in respect to kosher installations.

IMPORTANT!

The power outlet must be located in a cabinet adjacent to the dishwasher cavity.
110-120 VAC max. 15 A

9 MAXIMUM DISTANCE OF HOSES & CORD FROM CHASSIS EDGE



Series 11, Integrated Tall Double DishDrawer Dishwasher

Integrated



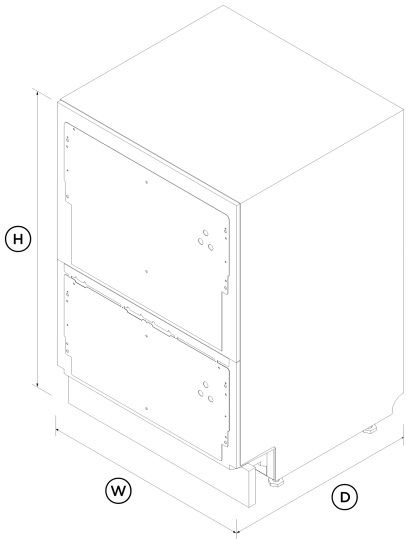
<p>Integrates seamlessly into kitchen cabinetry. Each drawer features a premium stainless steel interior and operates independently, for flexible washing.</p>

- Eight wash cycles from Heavy to Light, including Auto, 60min and Glassware
- Tall top drawer fits full-size dinner plates up to 12 1/4 inches, with flexible racking for large cookware
- With soft-close drawers, and knock to pause convenience

- Wi-Fi capability and a SmartHQ™ app for remote control and notifications

DIMENSIONS

Height	34 - 36 3/8 "
Width	23 9/16 "
Depth	22 1/2 "



FEATURES & BENEFITS

Seamless Integration

Install your DishDrawer™ Dishwasher into an existing kitchen space or integrate into kitchen cabinetry. The touch-sensitive control panel is located inside this Integrated model, leaving an uninterrupted exterior that blends seamlessly with surrounding cabinetry.

Ease Of Use

DishDrawer™ Dishwashers are beautiful to use with soft-close drawers. The tall top drawer fits your larger plates and dishes up to 12 1/4 inches, while the bottom drawer is ideal for small washes. Flexible racking includes height-adjustable cup racks and wine glass supports.

True Half Load

Both drawers fit a true half load. Each drawer operates independently, so you can wash one load while stacking the other drawer, or wash simultaneously on separate cycles.

Flexible Wash Options

Eight wash programs including Auto, 60min and Glassware, while modifiers such as Sanitize, Dry+ and Quiet provide added wash flexibility. The Quiet wash modifier reduces the noise on some cycles while maintaining performance – perfect for late night washing.

Design Quality

Every detail has been carefully crafted using quality materials, from the easy-to-clean stainless steel interior to the spray arm sensor that detects jams for increased wash confidence.

Knock To Pause

For ease-of-use, these DishDrawer™ Dishwashers have a knock to pause function. A knock on the front panel will pause the dishwasher, which can be restarted by using the start button.

Efficient performance

With a Energy Star Most Efficient rating, this DishDrawer™ Dishwasher is recognised amongst the most energy efficient models on the market.

SPECIFICATIONS

Accessories (included)

- Cutlery basket

Kickstrip	true
Knife clip and multipurpose clip	•
Accessories (sold separately)	
Door panel recessed handle matte black glass	ADDD24DTZB
Door panel recessed handle stainless steel	ADDD24DTNX
Door panel stainless steel	ADDD24DTPX
Handle kit Classic	AHCL-DDDW-24X
Handle kit Contemporary round, aluminium	AHS-OBDD-60S
Handle kit Contemporary square fine, aluminium	AHD5-OBDD-60SX
Handle kit Contemporary square fine, black	AHD5-OBDD-60SB
Handle kit Professional round flush	AHP3-DWDD-SX
Handle kit Professional round flush, Brass off-stands	AHP3DDDW24BA
Handle kit Professional round flush, Dark Copper off-stands	AHP3DDDW24DC
Capacity and loading	
Accommodates round plates up to (lower drawer)	11"
Accommodates round plates up to (upper drawer)	12.25"
Adjustable height, foldable cupracks	•
Fold down tines	•
Pitch adjustable tines	•
Place settings	14
Place settings	14
Place settings per drawer	7
Wine glass supports with stemware grippers	•

Connected Features	
Alerts and notifications	•
Education and onboarding	•
Monitoring	•
Software updates	•
Consumption	
Energy rating	Energy star Most efficient
Energy usage	225kWh/year
In-use energy carbon emissions estimate	79.4kgCO2e/year
Water usage (per wash cycle)	3.1 gal
Controls	
Electronic fault/Diagnostic indicator	•
End of cycle beeps	•
Energy saving delay start option of up to 12 hours	•
Internal wash selector	•
Keylock	•
Knock to pause	•
Rinse aid indicator light	•
Smart appliance	•
Spray arm sensing	•
Features	
Fan assisted drying	•
Flood protection	•
Flow through detergent dispenser	•

Internal tub material	Stainless steel
Motor type	BLDC
Quiet operation	•
SmartDrive™ technology	•
Soft close drawer	•
Performance	
Noise on standard cycle top drawer	44 dBA
Power Requirements	
Amperage	10A
Rated current	15 A
Supply frequency	60
Supply voltage	100 - 120V
Product Dimensions	
Depth	22 1/2 "
Height	34 - 36 3/8 "
Width	23 9/16 "
Wash Program Modifiers	
Dry +	•
Quiet	•
Sanitise	•
Wash modifiers	3
Wash Programs	

60 min	•
Auto	•
Eco	•
Glassware	•
Heavy	•
Light	•
Medium	•
Rinse	•
Wash programs	8

Water connection

Inlet water temperature	Max 140 °F
Supplied hose to suit 3/8" (9mm) male compression fitting	•
Water pressure	30kPa - 1000 kPa
Water supply	3/8" to suit Male Compression Fitting

SKU	82162
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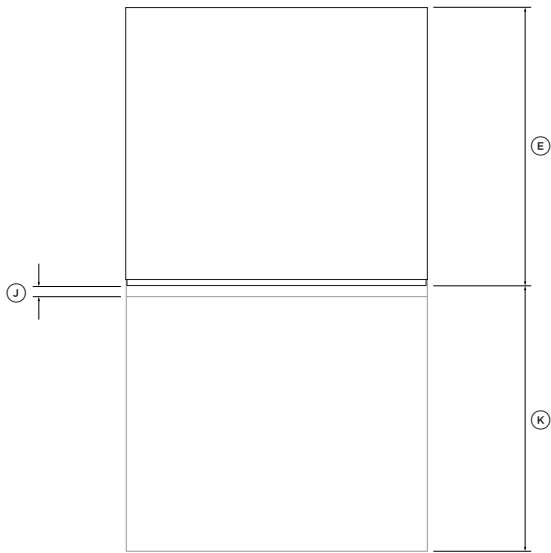
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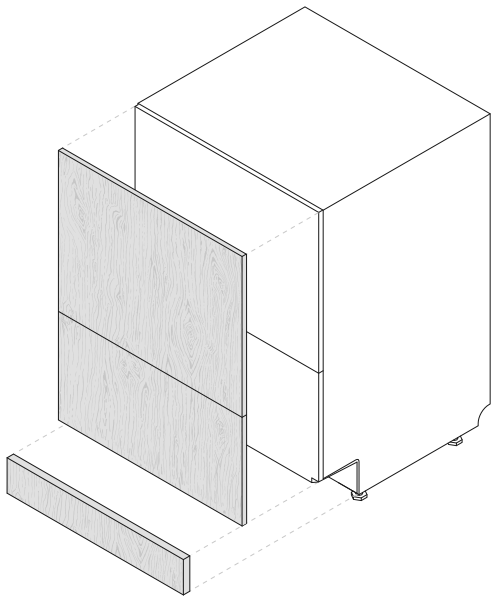


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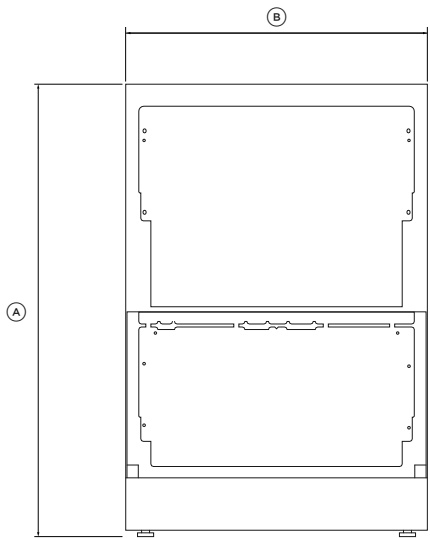
PRODUCT DIMENSIONS



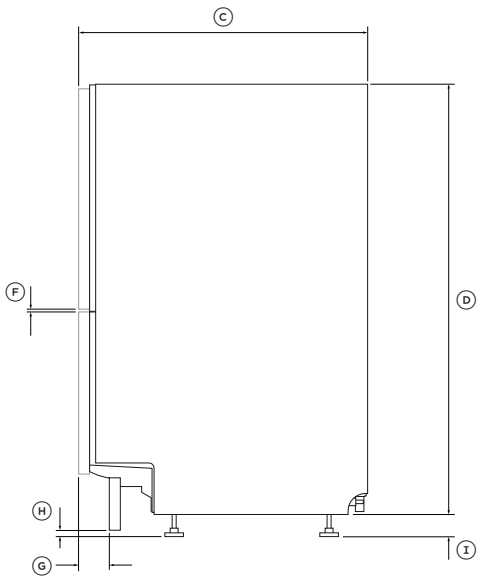
PLAN



ISOMETRIC



FRONT



PROFILE

PRODUCT DIMENSIONS	INCHES	MM
Ⓐ Overall height*	34-36 3/8	864-924
Ⓑ Overall width**	23 9/16	599
Ⓒ Overall depth***	22 1/2	571
Ⓓ Height of chassis	33 11/16	855
Ⓔ Depth of chassis	21 3/4	553
Ⓕ Ventilation gap between door panels	5/16	8
Ⓖ Depth of toe kick recess**		
Custom panel installation	1 9/16-3 15/16	40-100
Pre-finished panel installation	2 5/16-4 5/8	58-118
Ⓗ Minimum clearance between toe kick panel and floor	1/2	12
Ⓘ Height of feet*	3/8-2 3/4	10-70
Ⓙ Door panel depth****	5/8-13/16	16-20
Ⓚ Depth of drawer opening**	20 3/4	527

*depending on adjustment of levelling feet
**excluding custom panel and handle
***based on front panel thickness of 11/16" (18mm)
****refer to 'Custom panel dimensions' for more information

Actual product dimensions may vary by ± 1/16" (2mm)

CUSTOM PANEL DIMENSIONS

Material specifications

- Maximum weight of door panels must not exceed 20lb (9kg) (including handle)
- The panel should be adequately sealed to withstand moisture (122°F/50°C @ 80% RH). The back and sides of the panel should be completely sealed with a waterproof vapour barrier, such as polyurethane, to prevent damage.
- The back of the panel should be completely flush so that the seal between the panel and the rubber trim is maintained.
- Installation outside these specifications may result in condensation on cabinetry surfaces.

Toe kick

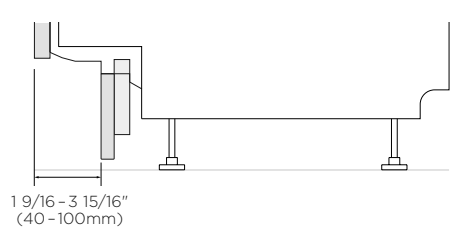
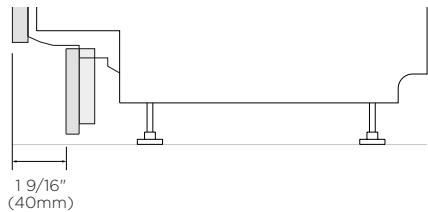
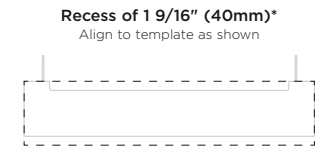
- A minimum distance of 1/2" (12mm) between the floor and the base of the toe kick must be maintained at all times.
- Depending on the desired toe kick recess depth, the custom toe kick panel will need to be aligned to different positions on the toe kick template to clear the underside of the tub.
- Toe kick panel height can be determined by using the below:

1 9/16" (40mm) recess installations:

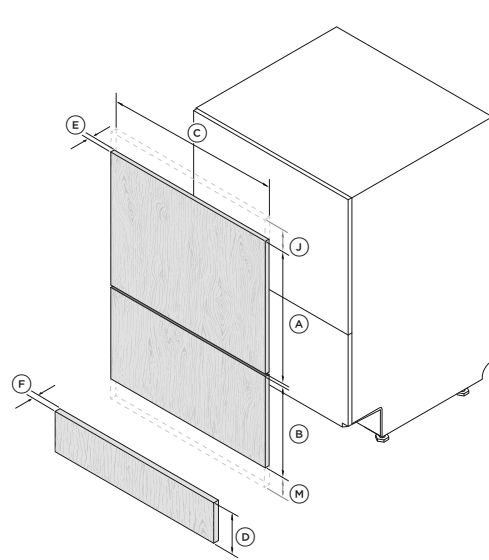
cavity height	upper panel extension	30 13/16" (783mm)	floor clearance	toe kick height
	-		-	

1 9/16 - 3 15/16" (40 - 100mm) recess installations:

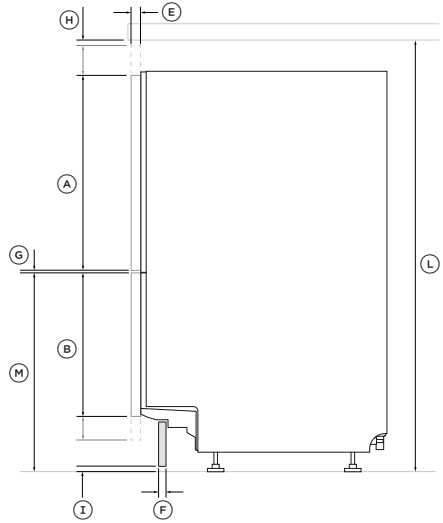
cavity height	upper panel extension	31 9/16" (801mm)	floor clearance	toe kick height
	-		-	



*based on a door panel depth of 11/16" (18mm)



ISO



PROFILE

CUSTOM PANEL CONSIDERATIONS

	INCHES	MM
(A) Minimum upper door panel height*	17 3/8	442
(B) Minimum lower door panel height*	12 1/4	311
(C) Minimum door panel width	23 7/16	596
(D) Toe kick panel height*	1 3/4 - 4 13/16	45 - 123
(E) Door panel depth	5/8 - 13/16	16 - 20
(F) Minimum toe kick panel depth**	3/8	9
(G) Minimum clearance between door panels	5/16	8
(H) Minimum clearance between top of door panel and countertop	1/16	2
(I) Minimum clearance between toe kick panel and floor	1/2	12
(J) Maximum extension of upper panel	-	-
(K) Maximum extension of lower panel	2	50
(L) Minimum inside cavity height	34	864
(M) Minimum height from floor to top of bottom drawer panel***	16 5/16	414

Maximum weight of each drawer panel (including handle)

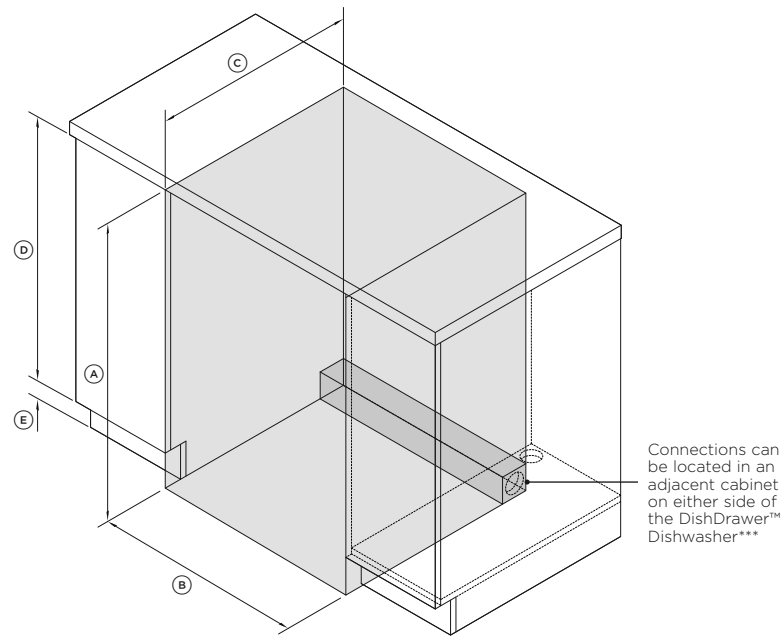
9kg

*the top door panel may be extended up, or the bottom panel down from the fixed gap. Toe kick panel should be adjusted accordingly.

**if using supplied toe kick mounting screws. Panel can be fixed via screwing or gluing to the supplied mounting bracket.

***depending on adjustment of levelling feet

DIMENSIONS

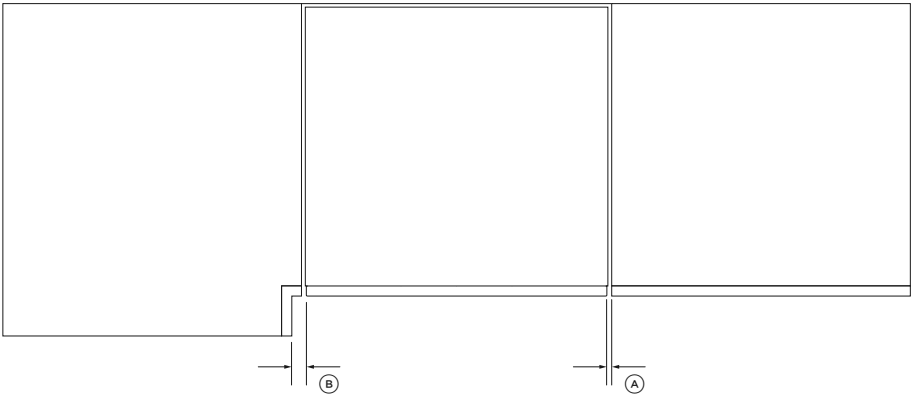


ISOMETRIC

CABINETRY DIMENSIONS	INCHES	MM
Ⓐ Minimum inside height*	34	864
Ⓑ Inside width	23 5/8	600
Ⓒ Minimum inside depth**	22 3/4	578
Ⓓ Recommended height of adjacent cabinetry	30	762
Ⓔ Height of toe kick area***	3 15/16 – 6 5/16	100 – 160

*depending on adjustment of levelling feet
**including 11/16" (18mm) door panels on adjacent cabinetry
***For more information on service requirements, refer to 'Plumbing & electrical connection' and 'Preparation'.

CLEARANCES



PLAN

CABINETRY CLEARANCES	INCHES	MM
Ⓐ Minimum clearance to adjacent cupboard door	1/16	2
Ⓑ Minimum clearance to corner cupboard	1/2	13

*Access to both sides of the product will be required during installation. If access is not possible, the tubs may need to be removed for door installation and adjustments. Refer to page 15 for guidance on drawer removal.

PLUMBING & ELECTRICAL CONSIDERATIONS

Hose and cord lengths

- Your services can be installed to either the left-hand or right-hand side of the product in an adjacent cabinet. Refer to 'Preparation' for service access requirements.
- If the drain hoses supplied are not long enough to reach your services, you may purchase a Fisher & Paykel drain hose extension kit which will extend the drain hoses by 12' (3.6m) (part number 525798).

Water connection

- Recommended water temperature: Hot (Maximum 140°F/60°C).
- Supplied hose to suit 3/8" (9 mm) male compression fitting.
- Ensure water connection complies with local plumbing regulations.

Water pressure

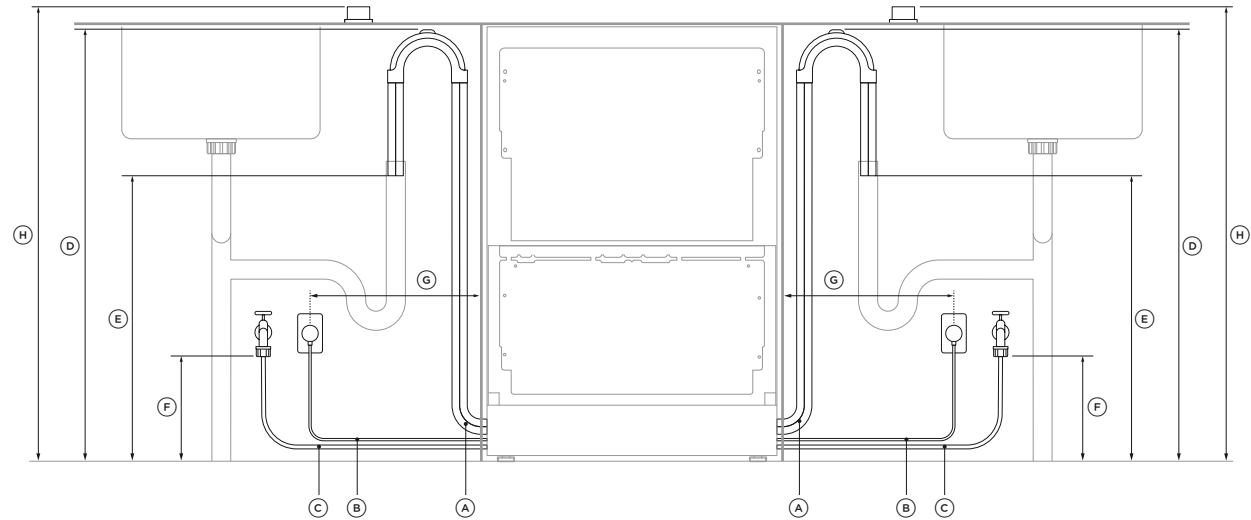
- Water softener models: max. 1 MPa (145 psi), min. 0.1 MPa (14.5 psi)
- Non-water softener models: max. 1 MPa (145 psi), min. 0.03 MPa (4.3 psi)

Electrical requirements

- 120V, 60 Hz, 15A

Kosher requirements

- Drains will need to be separated to satisfy kosher requirements.
- We recommend confirming the acceptability with your local rabbi in respect to kosher installations.



SERVICE DIMENSION	LEFT SIDE*		RIGHT SIDE*	
	INCHES	MM	INCHES	MM
(A) Length of drain hoses	78 1/2	2000	70 1/2	1700
(B) Length of power cord**	29 1/2	750	27 1/2	700
(C) Length of inlet hose	64 3/4	1650	49	1250
(D) Minimum distance from floor to top of hose support	29 1/2	750	29 1/2	750
(E) Minimum distance from floor to end of drain hoses***	19 11/16	500	19 11/16	500
(F) Minimum distance from floor to inlet hose connection	7 7/8	200	7 7/8	200
(G) Maximum distance from cabinetry centre of electrical outlet	17 11/16	450	17 11/16	450
(H) Maximum distance from floor to top of Air Break	37 3/8	950	37 3/8	950

*dimensions taken from the chassis edge where applicable

**excluding plug

***standpipe install illustrated. Distance is the same for sink trap installations.



KitchenAid Model: KUBL524SPA

24" Panel-Ready Beverage Center

Color Panel Ready

Product Description

This 24" Undercounter Beverage Center with Full-Extension Metal-Front Racks stores 14 wine bottles below with room for drinks and food on the full-width shelves above. Two Temperature-Controlled Zones adjust for what you're storing, and a Temperature Monitoring System with sensor alert adds peace of mind. This Panel-Ready appliance will seamlessly fit into your cabinetry, creating a cohesive look.

Specifications

Filter Details

Water Filter Indicator/Reset	No
------------------------------	----

Dimensions

Cutout Depth	24
Cutout Width	24
Depth	23.625
Depth Closed Excluding	23.62
Depth Closed Including	26.43
Depth Excluding Doors	21.68
Depth With Door Open 90	48
Gross Weight	104.7
Height	34.37
Height To Top Of Cabinet	34.18
Height To Top Of Door Hinge	34.37
Net Weight	93.7
Width	23.87
Capacity	4.89

Interior Details

Interior Light	LED
----------------	-----

Certifications

ADA Compliant	No
Star K Certified	Yes
Prop 65	
Energy Star® Qualified	No

Exterior Details

Base Grille Color	Black
Cabinet Color	Black
Cabinet Finish	Smooth
Door Color	Panel Ready
Door Opening Direction	Left
Handle Location	Vertical
Window	N/A
Reversible Door	No

Controls

Automatic Defrost	Yes
Control Lockout	Yes
Cooling On/Off	Yes
Door Ajar/Open Alarm	Yes
Max Cool/Fast Cool	Max Cool
Sabbath Mode	Yes
Temperature Range	33F to 64F
Refrigerator Max Cool	No

Features

Beverage and Wine Center	LED Lighting
--------------------------	--------------

Details

Installation Option	Undercounter
Rack Front Material	Metal
Shelf Description	1 Fixed Full Depth Shelf 1 Fixed Half Depth Shelf
Refrigerator Type	Beverage Center
Zone 1 Description	Upper
Zone 1 Temperature Range	33F to 40F
Zone 2 Temperature Range	42F to 64F
Zone 2 Capacity	14 Bottles
Zone 2 Description	Lower
Ice Maker On/Off	No
Number of Racks	2
Number of Shelves	2

Refrigerator Details

Number of Temperature	2
-----------------------	---

Key Features
Fully Flush Installation with Hidden Hinges
Panel-Ready Design
Fully Flush Installation with Hidden Hinges
Two Temperature-Controlled Zones
Motion-Activated LED Lighting
Temperature Monitoring System
SatinGlide® Full-Extension Metal-Front Racks
Backlit Touch Controls
4.8 Cu. Ft. Capacity
Door Alarm
Glass Shelves with Metallic Accents
Sabbath Mode (Star-K Certified)

Electrical Requirements	
Amps	15
Volts	115

UPC Listing	
Model : KUBL524SBE	UPC : 883049930916
Model : KUBL524SJP	UPC : 883049930930
Model : KUBL524SPA	UPC : 883049930954
Model : KUBL524SPS	UPC : 883049930893
Model : KUBL524SSB	UPC : 883049930879

Proper Disposal of your Old Beverage Center

WARNING: Risk of child entrapment. Before you throw away your old Beverage Center:

- Take off the door.
- Leave the shelves in place so that children may not easily climb inside.

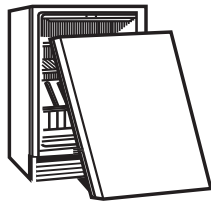
⚠ WARNING

Suffocation Hazard

Remove doors or lid from your old appliance.

Failure to do so can result in death or brain damage.

IMPORTANT: Child entrapment and suffocation are not problems of the past. Junked or abandoned beverage centers are still dangerous – even if they will sit for “just a few days.” If you are getting rid of your old beverage centers, please follow these instructions to help prevent accidents.



Important information to know about disposal of refrigerants:

Dispose of refrigerator in accordance with Federal and Local regulations. Refrigerants must be evacuated by a licensed, EPA certified refrigerant technician in accordance with established procedures.

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation.

Tools and parts needed:

- Phillips screwdriver.
- Custom Overlay Door Panel - Refer “Custom Overlay Panel Preparation”.
- Custom handle and mounting hardware (optional).

Parts supplied:

- M4 x 30 flathead screws (8).

Location Requirements

⚠ WARNING



Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from beverage center.

Failure to do so can result in death, explosion, or fire.

IMPORTANT: This appliance is intended to be used in household and similar applications such as:

- Staff kitchen areas in shops, office and other working environments;
- Farm houses and by clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.

NOTES:

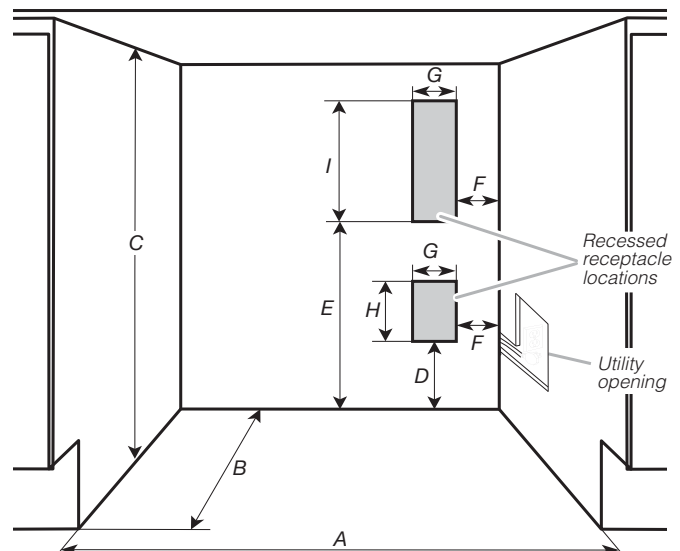
- For the beverage center to be flush with the front of the base cabinets, remove any baseboards or moldings from the rear of the opening. See “Product Dimensions” and later in this section, “Opening Dimensions”.
- It is recommended that you do not install the beverage center near an oven, radiator, or other heat source.
- Do not install in a location where the temperature will fall below 55 °F (13 °C). For best performance, do not install the beverage center behind a cabinet door or block the base grille.

Opening dimensions:

- Height dimensions are shown with the leveling legs extended to the minimum height.

NOTE: When leveling legs are fully extended, add 5/8” (15 mm) to the height dimensions. See “Product Dimensions.”

- If the floor of the opening is not level with the kitchen floor, shim the opening to make it level with the kitchen floor.



Opening and utility location dimensions	
Opening width - A	24" (60.96 cm) min.
Opening depth - B	24" (60.96 cm) min.
Opening height - C	34 ¹ / ₂ " (87.6 cm) min. 35" (88.9 cm) max.
Dimension - D	12 ¹ / ₁₆ " (30.64 cm)
Dimension - E	21 ³ / ₄ " (55.16 cm)
Dimension - F	1 ³ / ₄ " (4.44 cm)
Dimension - G	3" (7.55 cm)
Dimension - H	4 ¹ / ₂ " (11.37 cm)
Dimension - I	9 ¹ / ₄ " (23.47 cm)

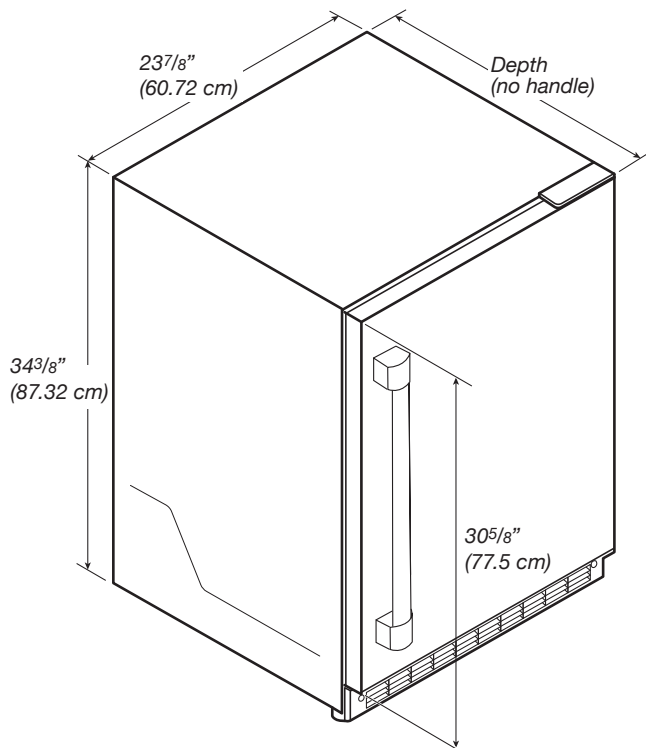
For flush installation, the power outlet can be installed in adjacent cabinetry with a cutout on the power cord side for routing of the power cord.

The power outlet can also be recessed on the back wall behind the unit as per recommended receptacle locations in the above illustration.

Product Dimensions

Overall product	
Width (up to hinge cover)	23 ⁷ / ₈ " (60.72 cm)
Height (up to hinge cover)	34 ³ / ₈ " (87.32 cm)
Panel ready models depth (with 3/4" panel and no handle)	23 ¹³ / ₁₆ " (60.5 cm)
Raw Door Height	30 ⁵ / ₈ " (77.75 cm)
Depth (no handle)	23 ⁵ / ₈ " (60.01 cm)

NOTE: The power cord is 60" (152.4 cm) long.



Custom Overlay Panel

NOTE: For standard stainless steel or glass door models, skip these instructions and go to "Electrical Requirements" section.

If you plan to install a custom overlay panel, you will need to create the panel yourself or consult a qualified cabinet maker or carpenter. Refer dimension drawings for panel specifications.

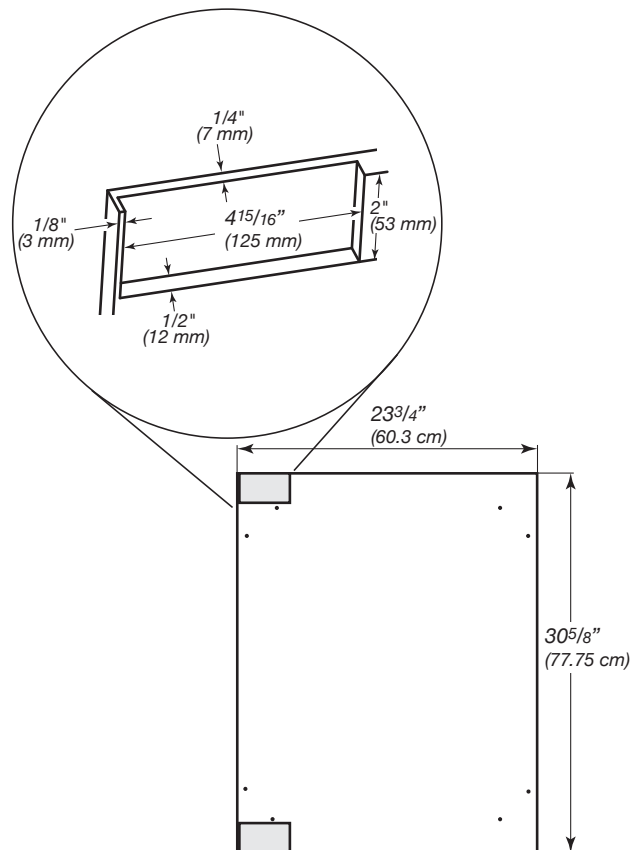
IMPORTANT:

- The thickness of the overlay panel must be 3/4" (19 mm).
- Custom solid door overlay panel must not weigh more than 20 lb (9.07 kg).
- Custom glass door overlay panel must not weigh more than 10 lb (4.54 kg).
- Overlay panels weighing more than recommended may cause damage to your appliance.

Solid door overlay panel - Preparation:

Create the custom overlay panel using the dimensions shown in the illustration "Solid door overlay panel and hinge routing dimensions". Route shaded areas to a 1/2" (12 mm) depth as shown.

IMPORTANT: The following graphic shows a custom panel for a door with the hinges installed on the right-hand side. If your beverage center has the hinges installed on the left-hand side, rotate the custom frame 180° so the hinge markings will be on the left.

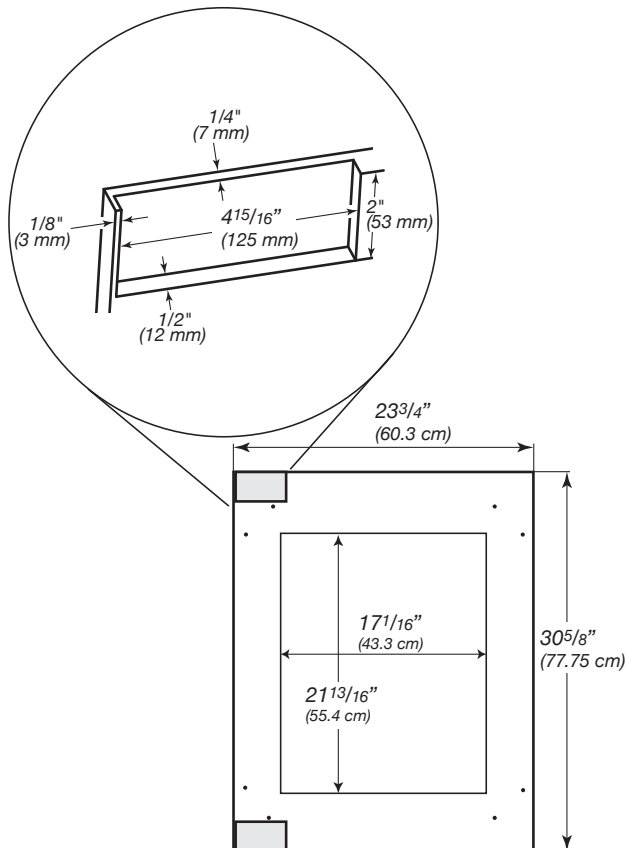


Solid door overlay panel and hinge routing dimensions

Glass door overlay panel - Preparation:

Create the custom overlay panel using the dimensions shown in the illustration "Glass door overlay panel and hinge routing dimensions". Route shaded areas to a 1/2" (12 mm) depth as shown.

IMPORTANT: The following graphic shows a custom panel for a door with the hinges installed on the right-hand side. If your beverage center has the hinges installed on the left-hand side, rotate the custom frame 180° so the hinge markings will be on the left.



Glass door overlay panel and hinge routing dimensions

Handle (optional)

Custom handles are typically attached to the custom overlay door panel only.

Refer instructions received with KitchenAid handle kits to install these handles on custom wood panels.

Custom handle needs to be installed on the door panel with countersunk holes and installed before the custom overlay door panel has been installed on the beverage center door.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Before you move your beverage center into its final location, it is important to make sure you have the proper electrical connection.

Recommended grounding method:

A 115 V, 60 Hz, AC only, 15 A or 20 A fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your beverage center be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

NOTE: Before performing any type of installation, cleaning, or removing a light bulb, unplug beverage center or disconnect power.

INSTALLATION INSTRUCTIONS

Unpack the Beverage Center

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install or uninstall appliance.

Failure to do so can result in back or other injury.

Before using your beverage center, all packaging materials should be removed and the interior should be cleaned.

- Remove tape and glue residue from surfaces before turning on the beverage center. With your fingers, rub a small amount of liquid dish soap over any adhesive and wipe with warm water to remove.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These can damage the surfaces of your beverage center. For more information, refer "Beverage Center Safety" section.

DEU2450BG



FEATURES

Fully customizable exterior—accepts custom panels for an integrated look within cabinetry or stainless-steel accessory panels and handles to coordinate with other Sub-Zero, Wolf, and Cove appliances

Nano coating lines the perimeter of each glass shelf to create a hydrophobic barrier that helps contain spills

Control your appliance from wherever you are using our convenient Owner's App—adjust temperatures, be notified of a door left ajar, or receive remote service diagnostics

ACCESSORIES

- Custom Panel Lock Kit
- Dual Install Kit - Handle-to-Drawer
- Dual Install Kit - Handle-to-Handle
- Pro Handle
- Stainless Steel Dual Kickplate - 48"
- Stainless Steel Dual Wide Kickplate
- Tubular Handle
- Stainless Steel Glass Door Panels
- Undercounter Solid Overlay Door
- Stainless Steel Dual Kickplates

Accessories are available through an authorized dealer. For local dealer information, visit subzero-wolf.com/locator.



HANDLE ACCESSORIES

PRO



TUBULAR



PRODUCT DETAILS

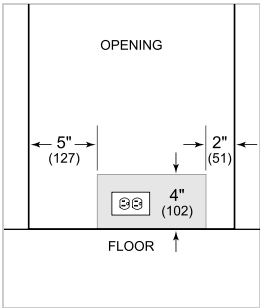
REFRIGERATOR

- 1 full-extension upright beverage shelf
- 1 full-extension multipurpose shelf
- 2 adjustable glass shelves

PRODUCT SPECIFICATIONS

Model	DEU2450BG
Dimensions	24"W x 34 1/2"H x 23 1/8"D
Refrigerator Capacity	5.5 cu. ft.
Weight	146 lbs
Electrical Supply	115 VAC, 60 Hz
Electrical Service	15 amp dedicated circuit
Wine Storage Capacity	8 Bottles
Receptacle	3-prong grounding-type

ELECTRICAL

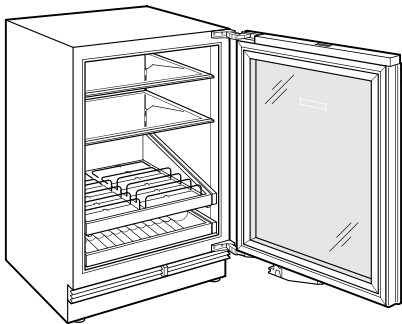


NOTE: The electrical outlet must be positioned with the grounding prong to the right of the thinner blades.

PANEL SPECIFICATIONS For complete panels specifications including width/height, weight requirements and thickness requirements visit subzero-wolf.com/reveal.

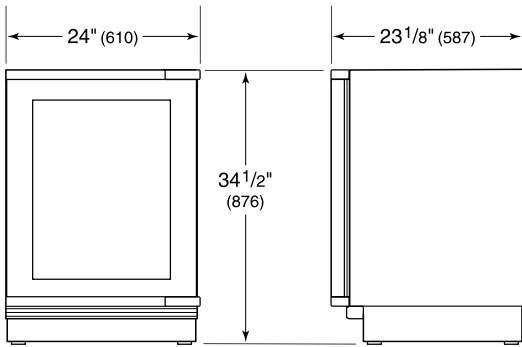
NOTE: Dimensions in parenthesis are in millimeters unless otherwise specified

INTERIOR VIEW

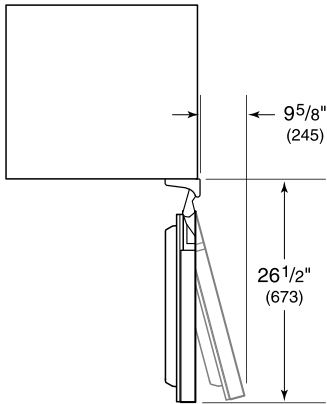


This illustration is intended for interior reference only and may not represent the exterior of the model being specified.

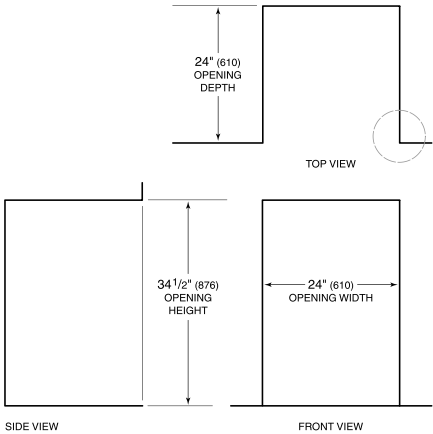
DIMENSIONS



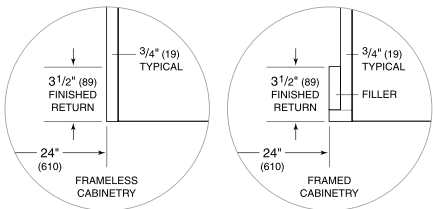
HEIGHT DIMENSIONS $\pm 1/2"$ (13)



STANDARD INSTALLATION

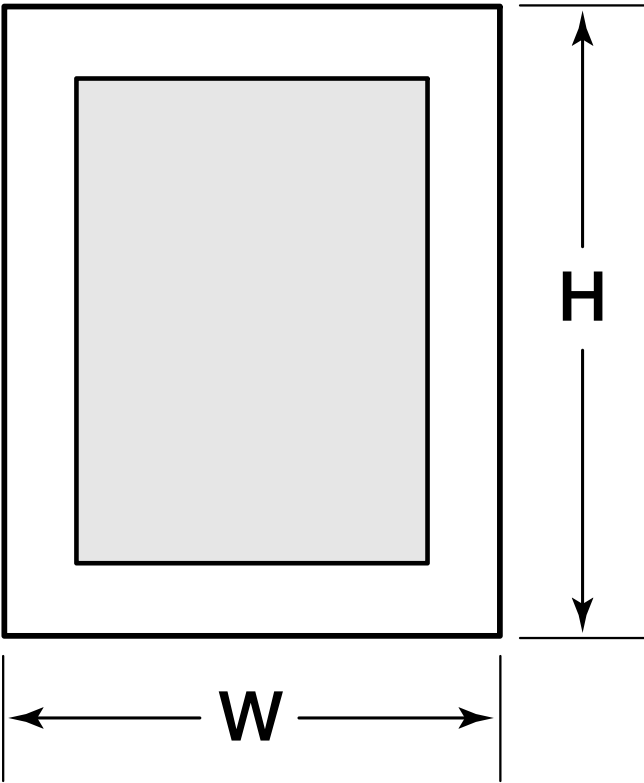


NOTE: 3 1/2" (89) finished returns will be visible and should be finished to match cabinetry.



Panel Specifications

Single Model: DEU2450BG



PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Door	23 ³ / ₄ "	30 ³ / ₈ "	⁵ / ₈ "	22 lbs
Top Rail	--	3 ¹ / ₂ "	⁵ / ₈ "	--
Bottom Rail	--	4 ¹ / ₂ "	⁵ / ₈ "	--
Stiles	3 ¹ / ₄ "	--	⁵ / ₈ "	--

Panel Planning Notes

Single Model: DEU2450BG

The thickness of the custom panel can vary. A 5/8" (16) minimum to 3/4" (19) maximum thick panel is required.

The depth of each designer model is 23 1/8" (587). Allow for panel thickness when planning the finished opening depth.

Finish all sides of custom panels. They will be visible when the door is open.

Stainless steel tubular and pro handles are available through an authorized Sub-Zero dealer.

Finish all sides of the custom panels. They may be visible when the door is open or through the glass.

Do not install a solid panel on a glass door unit. A solid door is available as a sales accessory and must be installed if a solid panel is being specified. Service may be required to install the door.

Minimum Panel Thickness

5/8"

Standard Handle Lengths (Optional)

HANDLE	TUBULAR	PRO
DEU2450BG Door	24 3/16"	22 1/2"

Toe Kick Clearance

