



11786 Westline Industrial Drive, St. Louis, MO 63146
(314) 429-0972
www.authorizedstl.com

PROPOSAL INFORMATION:

Proposal Number: Q-20705
Proposal Date: 7/6/2026
Expiration Date: 7/9/2026
Prepared By: Daron Deen

BILL TO:

MDG RENOVATIONS
Mark Gordon
AA-00176

PROJECT DETAILS:

Brad Pittenger
13016 Pembroke Valley Court
St. Louis, MO 63141

KITCHEN		QTY	UNIT PRICE	EXT. PRICE
1	Wolf® 48" Stainless Steel Pro Style Dual Fuel Range (DF48850/S/P)	1		
2	Installation: Professional Range, 37-59"W (IN/PR-37-59)	1		
3	Wolf® 40" Stainless Steel Pro Insert Range Hood (PL401912)	1		
	Wolf® Stainless Steel External Blower (804701)	1		
	Sub-Total			
4	Installation: Ventilation Inserts/Liners (All Sizes), RSI (IN/VT-BI-RSI)	1		
5	Wolf® M Series 1.6 Cu. Ft. Stainless Steel Built-In Microwave (MDD3050PM/S/P)	1		
6	Installation: Microwave, Built-In (IN/MW-BI)	1		
7	Wolf® 30" Panel Ready Warming Drawer (WWD30)	1		
	Wolf® 30" Custom Integrated Warming Drawer Front Panel Ready (808152)	1		
	Sub-Total			
8	Installation: Drawer Appliances: Microwave, Warming, Vacuum Seal, etc. (IN/DRAWER)	1		
9	Installation: Appliance Panel or Customer Supplied Panel and Hardware (Price Per Panel) (IN/PANEL)	1		
10	Cove® 24" Panel Ready Top Control Built-In Dishwasher (DW2451)	1		
11	Installation: Dishwasher (IN/DW)	1		
12	Installation: Appliance Panel or Customer Supplied Panel and Hardware (Price Per Panel) (IN/PANEL)	1		
13	Sub-Zero® Designer 15" Panel Ready Wine Cooler (DEU1550W/L)	1		
14	Installation: Refrigeration, Under-Counter (IN/RU)	1		
15	Installation: Appliance Panel or Customer Supplied Panel and Hardware (Price Per Panel) (IN/PANEL)	1		
16	Sub-Zero Designer Series 15" Panel Ready Indoor/Outdoor Undercounter Ice Maker (DEU1550IP/R)	1		

17	Installation: Ice Machine, Under-Counter (IN/IM)	1		
18	Installation: Appliance Panel or Customer Supplied Panel and Hardware (Price Per Panel) (IN/PANEL)	1		
19	Sub-Zero® Classic Series 48" 28.9 Cu. Ft. Panel Ready French Door Refrigerator with Internal Water Dispenser (CL4850UFDID/O)	1		
20	Installation: Built-In Refrigeration, Greater than 36"W (IN/RF-BI37)	1		
21	Installation: Appliance Panel or Customer Supplied Panel and Hardware (Price Per Panel) (IN/PANEL)	4		

LAUNDRY

		QTY	UNIT PRICE	EXT. PRICE
1	LG 5 Cu. Ft. White Front Load Washer (WM6500HWA)	1		
2	Installation: Washing Machine, Includes Stainless Steel Hoses (IN/W)	1		
3	LG 7.4 Cu. Ft. White Front Load Electric Dryer (DLEX6500W)	1		
4	Installation: Electric Dryer with Steam, Includes Required Standard Parts (IN/D-ES)	1		
5	LG 27" Chrome Laundry Stacking Kit (KSTK4)	1		
6	Installation: Front-Load Laundry Stacking Kit (IN/WD-SK)	1		

UTILITY ROOM

		QTY	UNIT PRICE	EXT. PRICE
1	KitchenAid® 36" 20 Cu. Ft PrintShield® Stainless Steel Counter Depth French Door Refrigerator with Internal Water Dispenser (KRFC136SPS)	1		
2	Installation: Free-Standing Refrigerator With Water Line (IN/RF-IW)	1		

Kitchen	
Laundry	
Utility Room	
Total Products and Services	
Taxes and Surcharges	
Proposal Total	

PROPOSAL TERMS & CONDITIONS

The customer agrees to the terms and conditions below when they place a completed order with our company. An order is completed when the agreement has been accepted and payment has been received. In addition, the customer authorizes their credit card company to abide by these terms. We reserve the right to cancel orders at any time.

PRICING.

We rely on third-party data for all pricing and errors can/may occur. In the event of any grievous error in pricing (as determined at the sole discretion of Authorized), we reserve the right to cancel this proposal, modify this proposal or cancel with refund any accepted quote.

TAXES & SURCHARGES.

Taxes & Surcharges are estimates based upon current tax rates. Final taxes and surcharges are calculated upon invoice and are subject to change.

PAYMENTS & DEPOSITS.

Qualifying orders may be accepted with a deposit instead of payment in full. In the event a deposit is accepted the balance is due within 90 days. Orders with an unpaid balance at 120 days are subject to the Abandonment terms described herein. If paying by credit card, a 3% processing fee will apply. For orders paid in full at time of proposal acceptance the credit card processing fee will be waived.

ABANDONMENT.

In the event that products and/or orders are "abandoned", Authorized, at its sole discretion may cancel the transaction, retain any payment paid by the Customer and dispose of the merchandise in any way it sees fit.

WAREHOUSING.

Authorized agrees to warehouse orders, that are paid in full, at no charge up to 180 days. Orders not shipped within 180 days are subject to the Abandonment terms described herein.

DELIVERY & INSTALLATION.

If in-home delivery and/or installation services are not on the accepted quote, all products will be either "curbside delivery" or "garage drop". If installation cannot be performed per manufacturer's guidelines additional charges and/or additional trip charges may apply.

We reserve the right to refuse delivery or installation of any product. We do not accept responsibility for damage to any pre-existing old or corroded pipes, hoses, faulty connections, plumbing or venting not up to code.

Natural Gas is the standard fuel type for all gas appliances. It is the responsibility of Customer to order Liquid Propane products or pay for a fuel conversion where applicable. Authorized Appliance shall not be liable for any appliance installed for use with an incorrect fuel type.

If the site is not ready or the scheduled delivery is missed, a return trip charge of per trip (not including extended delivery zone service charges) will be charged.

RETURN POLICY.

Policies and procedures for obtaining a return authorization vary based on the reason for return. Returns and exchanges are available up to 14 days of invoice if items are factory-sealed in their original manufacturer's packaging. Products that are not factory-sealed are non-returnable. Approved returns are subject to a minimum 30% re-stocking fee. Prior to issuing a refund, all products must be returned to, and inspected by, the Authorized Appliance warehouse. Products that are not factory-

sealed, damaged or otherwise in a condition limiting its resale as "new" will result in a re-stocking fee commensurate to the extent the product will need to be discounted for resale or the return being denied altogether.

Shipping and handling charges are non-fundable. Customers are responsible for shipping charges incurred when returning a product.

Any product not in stock at time of purchase is considered "Special Order" and is not returnable or refundable. "Clearance Products" are also non-returnable and are non-refundable.

WARRANTIES.

Authorized Appliance does not explicitly, or implicitly, provide any warranties above and beyond the manufacturer's stated warranties.

MAIL-IN REBATES.

Rebates shown are estimates of potential rebates available on the date of proposal. Rebate design, implementation, execution, and Terms & Conditions are exclusively provided by manufacturers and/or their wholesale partners. As such, rebates estimates do not create, or imply, any liability for Authorized Appliance. All rebate claims and payments are exclusively between the issuer and the consumer.

TITLE TRANSFER.

Unless this is a contract with a valid tax-exempt organization, if the intent of this contract is for materials to be installed, regardless if installation charges are included herein or billed separately, the combination is a construction contract, which is an agreement between this contractor and the owner to improve, repair, replace, erect or alter real property. It is expressly agreed that title to and ownership of the materials installed in this contract pass from the Contractor to the Owner upon permanent and complete installation as fixtures to realty. This portion of the contract will include a surcharge, which will be applied to the installed items, which represents a portion of the expenses incurred by contractor in the fulfillment of the contract. For those items that are not going to be installed it is expressly agreed that title and ownership of the materials will pass as tangible personal property upon delivery to the job site.

If this contract does not include installation, or if it is a contract with a valid tax-exempt organization, or if any other form of a valid exemptions is issued by the owner/customer, it is expressly agreed that title and ownership of the materials provided in this contract pass prior to installation as tangible personal property upon delivery to the job site. All taxable sales of tangible personal property will have the appropriate sales tax charged.

Kristine Factor

From: Brad Pittenger <brad@pittengerfamily.com>
Sent: Monday, July 6, 2026 1:27 PM
To: Daron Deen
Cc: Kristine Factor; Carrie Pittenger; Mark Gordon; Marilyn Vollet; Carmen Sokol
Subject: Re: Pittenger Appliances (w/d, utility)

Thank you Daron. Please hold off on the range hood at this time. We still haven't finalized a hood selection.

Yes, we are going forward with the 48" range and 48" refrigerator.

Thanks.

Brad

On Jul 6, 2026, at 8:39 AM, Daron Deen <daron@authorizedstl.com> wrote:

Kristine Factor

From: Daron Deen <daron@authorizedstl.com>
Sent: Monday, July 6, 2026 8:40 AM
To: Brad Pittenger; Kristine Factor
Cc: Carrie Pittenger; Mark Gordon; Marilyn Vollet; Carmen Sokol
Subject: RE: Pittenger Appliances (w/d, utility)
Attachments: MDG Renovations - Pittenger Kitchen - 7-6-26.pdf; Pittenger Pics 7-6-26.pdf

Good Morning,

Here is the updated quote with pictures. On the LG all in one stack units, I've had people complain that the clothes come out hot even on a cold cycle. I've not had that complaint when you have separate units. On the utility room fridge, I priced out a Kitchen Aid that is a good price, and I have good luck with it. Also, in the kitchen, I left the 48" Wolf range and the Wolf hood insert on the quote. Please let me know if you want me to remove those. Let me know if you need anything else.

Thanks,

Daron Deen - Sales
Authorized Appliance

phone: (314) 582-7564

email: daron@authorizedstl.com

website:

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showroom: 11786 Westline Industrial Drive, St. Louis MO 63146

-----Original Message-----

From: Brad Pittenger <brad@pittengerfamily.com>

Sent: Sunday, July 5, 2026 1:24 PM

To: Daron Deen <daron@authorizedstl.com>; Kristine Factor <kfactor@beckallen.net>

Cc: Carrie Pittenger <carrie@pittengerfamily.com>; Mark Gordon <mgordon@mdgrenovations.com>; Marilyn Vollet <mvollet@mdgrenovations.com>; Carmen Sokol <csokol@mdgrenovations.com>

Subject: Pittenger Appliances (w/d, utility)

Hi Daron,

I hope you had a great vacation last week. Carrie and I loved looking around your showroom. You have some beautiful adult toys. I cc'd you on an email to Katy at Roth with the appliances we want from Wolf / Sub-Zero. We also need to select a refrigerator for our utility room and would like a 36" cabinet depth French door refrigerator/freezer. In addition, we need to select a washer/dryer. I think we want the ThinQ by LG, stacked. Not the all in one unit but separate washer/dryer. I do have a question before we order this... In the all in one unit (separate washer and dryer but all one unit) when the washer operates, it uses hot water at the very end no matter what temperature it is set for the wash

cycle. This is a problem for us so I want to make sure the new ThinQ does not do this. We have this unit in our other home and in our old home and they don't do this but have used the combo unit and it does. Please confirm and let's talk about a refrigerator Monday early. Something reliable, stainless, and less expensive. We will also need two garbage disposals.

We still don't know the hood but will have it ironed out soon.

Kristine needs this information before Tuesday so she can finalize the cabinet order before she leaves for an extended vacation. Please send model numbers to Kristine and final pricing to me with copies to MDG.

Thank you.

Brad Pittenger
314-504-6336



Specifications for Project

Pittenger

Salesperson

Daron Deen

daron@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.

Powered by SteelCod

Pittenger



Authorized Appliance

authorizedstl.com

Daron Deen

314-582-7564

Search **20260706133116355SC**

Version 1.1

Mon, Jul 6, 2026

8:31 AM CDT



enterprise.steelcod.com/sp/auth/8XGZGK1R

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804701 Wolf Ventilation Accessory 1500 CFM Remote Blower	6
MDD3050PM/S/P Wolf Microwave 30" M Series Professional Drop-Down Door Microwave Oven	7-8
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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.

Cove Dishwasher

24" Dishwasher - Panel Ready

DEU1550W/L	15
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Sub-Zero Refrigeration

15" Designer Undercounter Wine Storage -
Panel Ready

DEU1550IP/R	16-17
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Sub-Zero Refrigeration

15" Designer Undercounter Indoor/Outdoor Ice
Maker with Pump - Panel Ready

CL4850UFDID/O	18-21
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Sub-Zero Refrigeration

48" Classic French Door Refrigerator/Freezer
with Internal Dispenser - Panel Ready

WM6500HWA	22
------------------	----

LG Washer

5.0 cu. ft. Mega Capacity Smart Front Load
Energy StarWasher with TurboWash® 360°
and AI DD® Built-In Intelligence

DLEX6500W	23
------------------	----

LG Dryer

7.4 cu. ft. Smart Front Load Electric Dryer with
AI Sensor Dry & TurboSteam™ Technology -
White

KRFC136SPS	24
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KitchenAid Refrigeration

20 Cu. Ft. 36-Inch Counter-Depth French Door
Refrigerator with Internal Water Dispenser

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48" DUAL FUEL RANGE - 8 BURNERS

WOLF**DF48850/S/P**

FEATURES

Make a statement with your choice of range colors and finishes for your Wolf Dual Fuel Range—classic stainless or new powder-coated black or white

Wolf's Dual VertiFlow™ convection system provides reliably even heat, reduces hot and cold spots, and enables consistent multi-rack cooking

Burners produce up to 20,000 Btu for fast boils and intense sears and as low as 300 Btu for true simmers and melts

Take the guesswork out of cooking with 10 chef-created cooking modes, including Bake, Broil, Convection, Convection Roast, Dehydrate, Gourmet, Proof, Roast, Stone, and Warm

The full-color touchscreen is intuitive and easy to read, discreetly hiding away when not in use

LED backlit control bezels illuminate when in use, indicating which burners are active

Control your oven from wherever you are using our convenient Owner's App—remotely preheat, adjust temperatures, select modes, and more

ACCESSORIES

18" Black Accessory Door Kit

18" White Accessory Door Kit

2-Burner Wok Grate

30" Black Accessory Door Kit

30" Multifunction Pan

30" Premier Baking Sheet

30" White Accessory Door Kit

48" and 60" Dual Fuel Brushed Brass Bezel Kit

Bake Stone Kit

Ball-Bearing Oven Racks

Broiler Pan and Rack Sets

Dehydration Rack Sets

Standard Oven Racks

Temperature Probe

Accessories available through an authorized dealer.

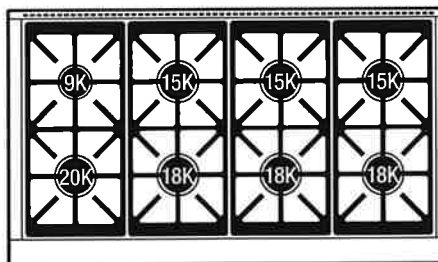
For local dealer information, visit subzero-wolf.com/locator.



KNOB OPTIONS



TOP CONFIGURATION



RANGETOP SPECIFICATIONS

- 1 - 9,200 Btu burner
- 3 - 15,000 Btu burners
- 3 - 18,000 Btu burners
- 1 - 20,000 Btu burner

PL401912**FEATURES**

Breathe cleaner air and enjoy less greasy residue in your kitchen

Pair with pro power for custom vent needs

Conceal the ventilation with custom cabinetry

Adjust as needed with recessed controls that provide a sleeker look, yet maintain ultimate blower control

Matches the same heavy-duty stainless-steel construction, hand-finished hemmed edges, and welded seams of all Sub-Zero, Wolf, and Cove products

Select from internal, in-line, or remote blower options (blower required)

Illuminates your cooking area with LED lighting with two brightness settings

Rely on a heat safety sensor that automatically turns on the blower or increases its speed when exhaust temperatures exceed 200 degrees Fahrenheit

Minimizes the backward flow of cold air with backdraft transition

ACCESSORIES

Make-Up Air Damper

Inline Blowers

Internal Blowers

Remote Blowers

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

**BLOWER OPTIONS**

- 300 CFM Internal
- 400 CFM Internal
- 600 CFM Internal
- 800 CFM Internal
- 1200 CFM Internal
- 600 CFM Inline
- 1100 CFM Inline
- 600 CFM Remote
- 900 CFM Remote
- 1500 CFM Remote

EXTERIOR VENTILATOR KITS

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer or your distributor.
2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Do not use this unit with an additional speed control device.
8. To reduce the risk of fire, use only steel ductwork.
9. This unit must be grounded.

TO REDUCE THE RISK OF A COOKTOP GREASE FIRE:

1. Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
2. Always turn hood ON when cooking at high heat or when cooking flaming foods.
3. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
4. Use proper pan size. Always use cookware appropriate for the size of the surface element.

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A COOKTOP GREASE FIRE, OBSERVE THE FOLLOWING:*

1. SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
2. NEVER PICK UP A FLAMING PAN - You may be burned.
3. DO NOT USE WATER, including wet dishcloths or towels - violent steam explosion will result.
4. Use an extinguisher ONLY if:
 - A. You know you have a Class ABC extinguisher and you already know how to operate it.
 - B. The fire is small and contained in the area where it started.
 - C. The fire department is being called.
 - D. You can fight the fire with your back to an exit.

* Based on "Kitchen Fire Safety Tips" published by NFPA.

CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
3. Your ventilator motor has a thermal overload which will automatically shut off the motor if it becomes overheated. The motor will restart when it cools down. If the motor continues to shut off and restart, have the hood serviced.
4. Please read specification label on product for further information and requirements.

SPECIFICATIONS

MODEL	VOLTS	AMPS	CFM	DUCT SIZE
804701	120	4.3	1500	10" DIA.

PLAN THE INSTALLATION

1. Locate the ventilator so the length of the duct run and number of elbows and transitions needed are kept to a minimum.
2. Where possible, ventilator should be located between wall studs or roof rafters.
3. Avoid pipes, wires, or other ductwork that may be running through the wall.
4. Be sure that there is enough space for any transitions that may be needed between the ventilator and the connecting ductwork.
5. For best performance, locate transitions nearest to ventilator.

30" M SERIES PROFESSIONAL DROP-DOWN DOOR MICROWAVE OVEN

WOLF

MDD3050PM/S/P

FEATURES

Distributes heat evenly with no hot or cold spots, allowing for oven-like operation

Utilizes 900 watts of power to cook meals with delicious results

Select from 10 power levels, a warming mode, and sensor cooking

Rely on quick-start controls for tasks like melting, softening, defrosting, and making popcorn

Let the microwave do the cooking with intuitive Gourmet Mode settings

The 8" full-color LCD touchscreen has an interface and aesthetics similar to other Wolf appliances for a cohesive user experience

The interface is easily customizable and intuitive, with on-screen messaging to guide you through the various modes and features

Soft-open and -close door provides the luxury feel Wolf is known for

The elegant, modern design, drop-down door, and built-in style coordinate seamlessly with a full suite of similarly styled Sub-Zero, Wolf, and Cove appliances



WWD30



FEATURES

Distributes heat evenly from 80 to 200 degrees Fahrenheit using fans

Tested and approved for warming towels

Fits entrées and sides easily in its generous 30 inch drawer cavity

Includes hidden electronic controls

Offers automatic shut-off

ACCESSORIES

30" Stainless Professional Front Panel - 2" Thick

36" Stainless Professional Front Panel - 2" Thick

6-Piece Container Set

Contemporary Handle- E Series

Contemporary Handle-M Series

Professional Handle-E Series

Professional Handle-M Series

Transitional Handle- M Series

Warming Drawer Front Panel - Integrated

Warming Drawer Front Panels - M Series

Warming Drawer Front Panels - E Series

Accessories available through an authorized dealer.

For local dealer information, visit subzero-wolf.com/locator.



FRONT PANEL OPTIONS



30" E SERIES TRANSITIONAL



30" E SERIES PROFESSIONAL



30" M SERIES CONTEMPORARY



30" M SERIES CONTEMPORARY STAINLESS



30" M SERIES TRANSITIONAL



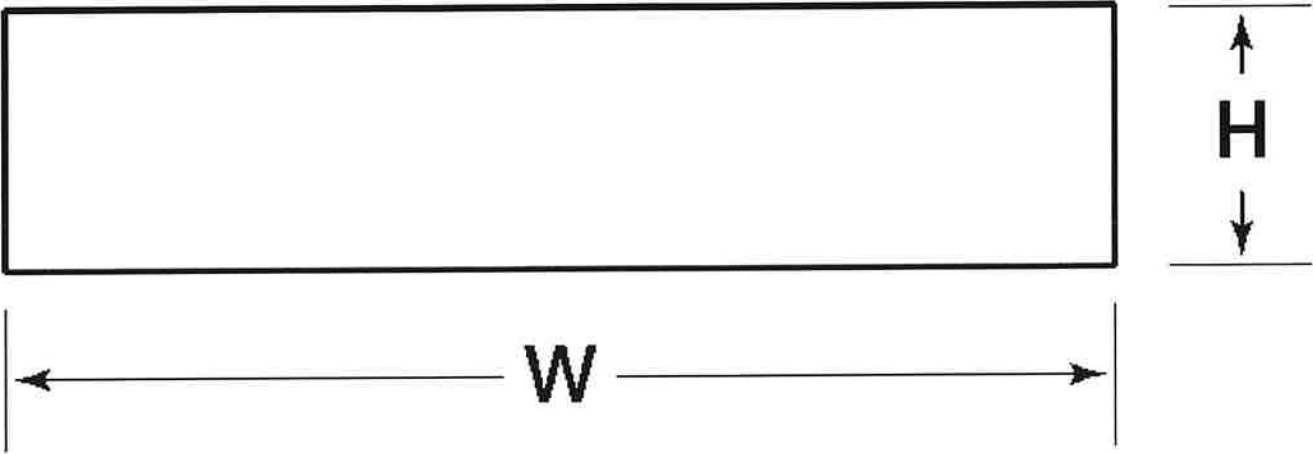
30" M SERIES PROFESSIONAL



30" INTEGRATED

Panel Specifications

Single Model: WWD30

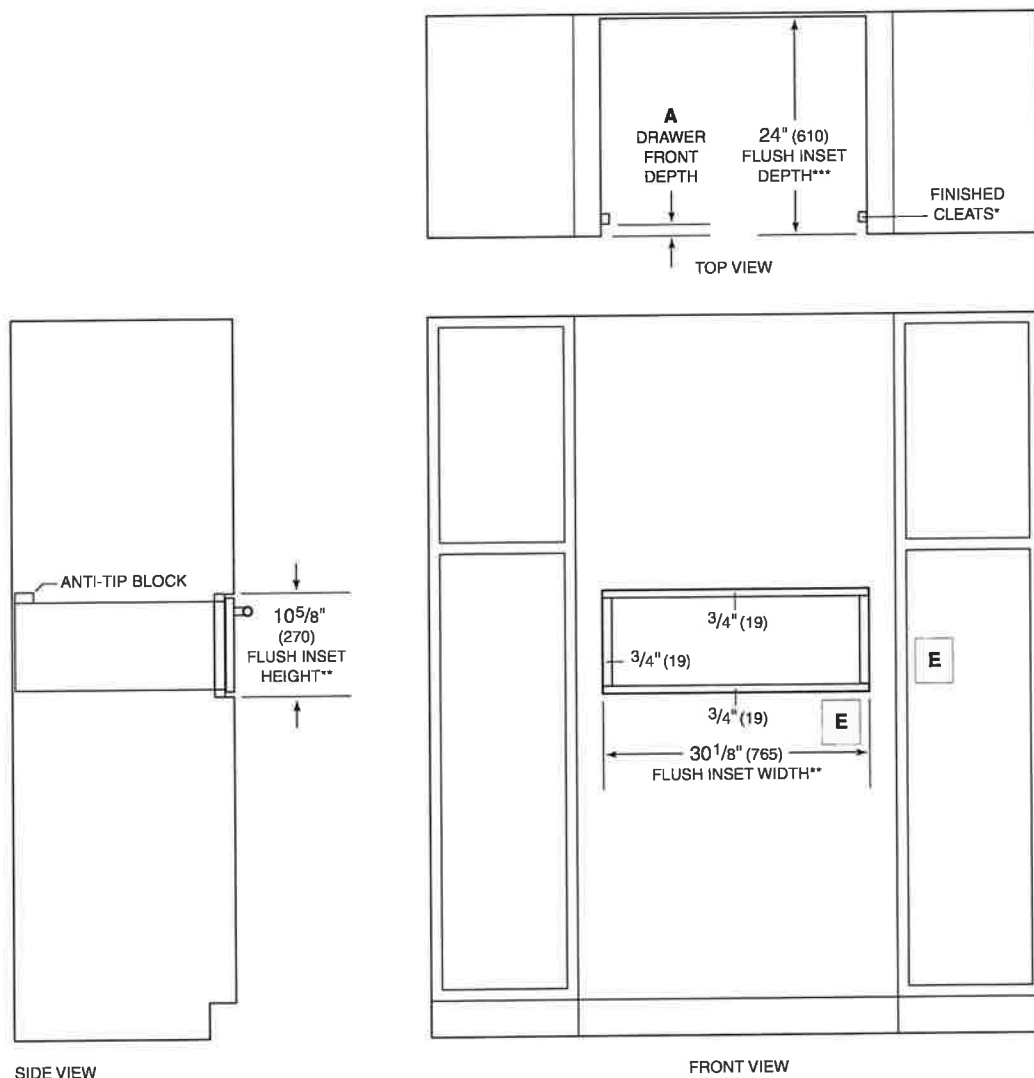


PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Drawer	29 7/8"	10 3/8"	5/8"	--

Specifications

Warming Drawer

FLUSH INSET INSTALLATION



*Will be visible and should be finished to match cabinetry.

**Dimension provides minimum reveals.

***24¹/₈" (613) for E series contemporary drawer front.

NOTE: Location of electrical supply within opening may require additional cabinet depth.

M/E SERIES DRAWER FRONT DEPTH

	A
Transitional/Professional	1 ¹ / ₈ " (29)
Professional (2" thick)	2 ¹ / ₈ " (54)
Contemporary	1 ³ / ₈ " (35)

Custom front panel depth is dependent on panel thickness. Add ¹/₄" (6) to the panel thickness to determine the drawer front depth.

33.125 cal

WWD30



FEATURES

Distributes heat evenly from 80 to 200 degrees Fahrenheit using fans

Tested and approved for warming towels

Fits entrées and sides easily in its generous 30 inch drawer cavity

Includes hidden electronic controls

Offers automatic shut-off

ACCESSORIES

30" Stainless Professional Front Panel - 2" Thick

36" Stainless Professional Front Panel - 2" Thick

6-Piece Container Set

Contemporary Handle- E Series

Contemporary/Transitional Handle

Professional Handle-E Series

Professional Handle-M Series

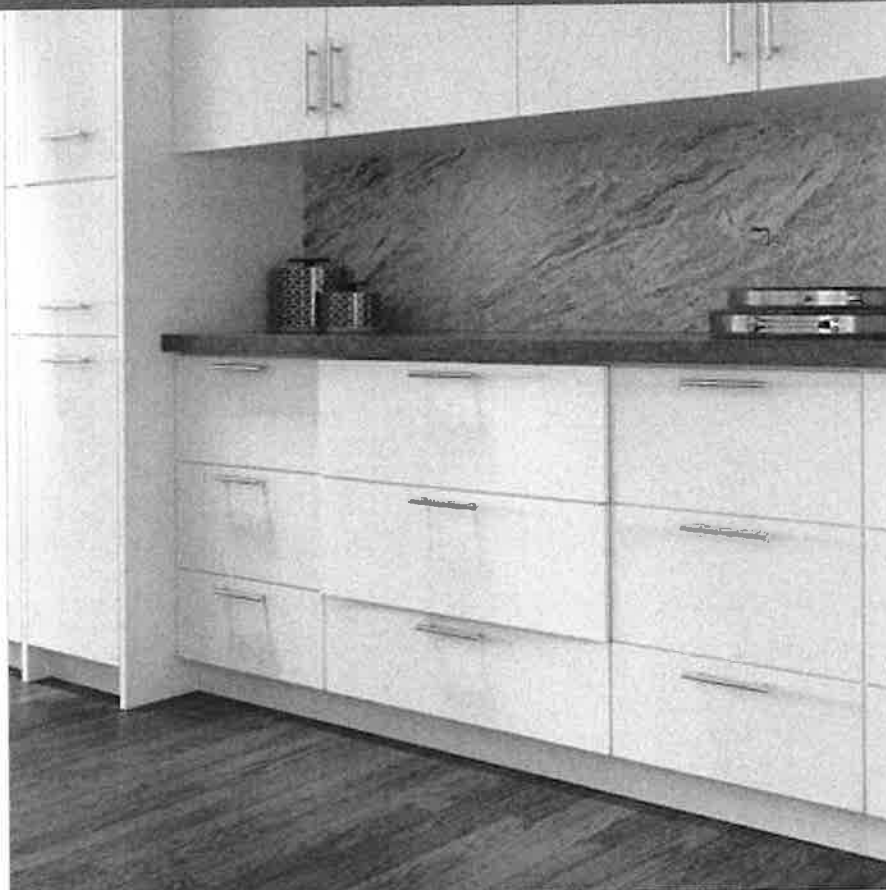
Transitional Handle- M Series

Warming Drawer Front Panel - Integrated

Warming Drawer Front Panels - M Series

Warming Drawer Front Panels - E Series

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



FRONT PANEL OPTIONS



30" E SERIES TRANSITIONAL



30" E SERIES PROFESSIONAL



30" M SERIES CONTEMPORARY



30" M SERIES CONTEMPORARY STAINLESS



30" M SERIES TRANSITIONAL



30" M SERIES PROFESSIONAL



30" INTEGRATED

DW2451



FEATURES

Cove's new advanced wash system drives three powerful spray arms, 45 spray jets, and a fine-mesh filter that removes food and grease and circulates clean water

Every glass, dish, and utensil comes out spotless and dry thanks to the hot rinse and fan assist

Whisper-quiet operation means you can keep the conversation flowing while running a load of dishes

Quality and aesthetics meet in a striking stainless-steel interior with a clean, fastenerless design

12 wash cycles and 6 add-on options can be mixed and matched, allowing you to personalize cleaning to your needs

Offers infinite interior variations to meet your dishwashing needs; height-adjustable middle rack and fold-down tines accommodate large pots and tall items

Loading and unloading is easy with interior LED lights that aid in visibility

Stainless or panel-ready options complement any décor and coordinate perfectly with other Sub-Zero and Wolf appliances

Dishwasher disappears into the kitchen with hidden control panel and discreet status light

With our convenient Owner's App, you can remotely start or monitor a cycle, receive alerts when rinse aid is low—even set up auto-replenishment

Cove's leak protection system offers peace of mind in the rare event of a leak. A conductivity sensor in the base of the unit will automatically stop a cycle in progress if it detects a leak

ACCESSORIES

4" Stainless Kickplate - 24" Opening

4" Stainless Kickplate - 60cm Opening

Pro Handle Kit

Tubular Handle Kit

24" Stainless Steel Door Panel Kits

60cm Stainless Steel Door Panel Kits

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



HANDLE ACCESSORIES

PRO



TUBULAR



PRODUCT DETAILS

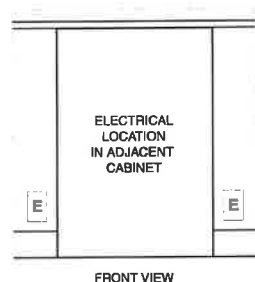
DISHWASHER

- 4 LED lights (2 sides; 2 top)
- 45 spray jets across 3 spray arms
- Four-stage, fine mesh filter
- Adjustable stemware rail
- Adjustable cup shelf
- Height-adjustable middle rack
- Easy-glide bottom rack
- Upper silverware rack
- One large utensil basket
- Fold-down tines on lower and middle racks

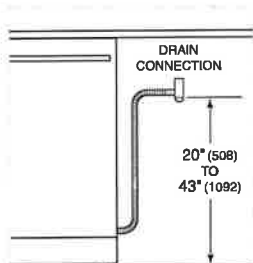
PRODUCT SPECIFICATIONS

Model	DW2451
Dimensions	23 5/8"W x 34 1/2"H x 23 1/4"D
Door Clearance	26 3/4"
Sound Level	41 dBA (Model and cycle/option dependent)
Electrical Supply	115 VAC, 60 Hz
Electrical Service	15 amp dedicated circuit
Receptacle	3-prong grounding-type
Cord Length	6'
Water Connection	5' braided tubing with 3/8" female compression fitting
Drain Connection	5' (1.5 m) corrugated tubing
Plumbing Pressure	30–140 psi

ELECTRICAL



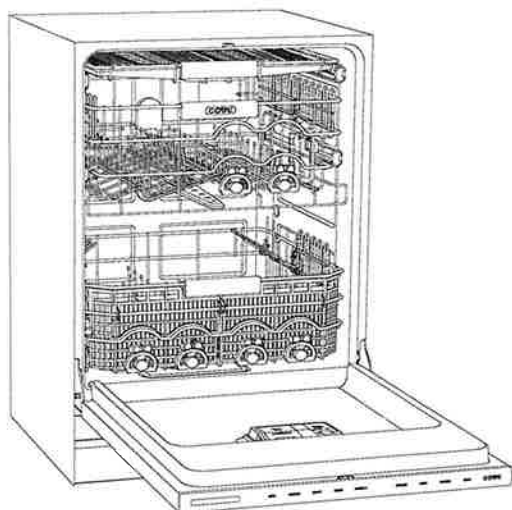
PLUMBING



COVE OPENING WIDTH Cove dishwashers accommodate varying opening widths. A 23 5/8" (60 cm) width provides minimum reveals and is ideal for new construction. A 24" width is also common; however, reveals for a 24" opening will be larger than the reveals for a 23 5/8" opening unless the panel width is adjusted accordingly. 24" and 60 cm stainless steel panels are available and must be specified accordingly.

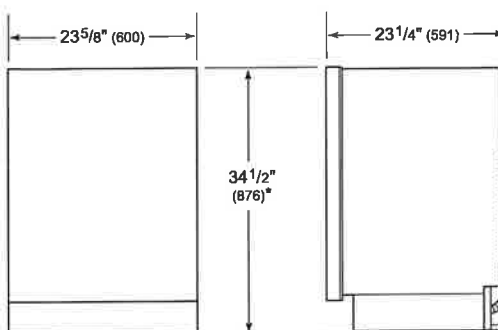
PANEL SPECIFICATIONS For complete panels specifications including width/height, weight requirements and thickness requirements visit subzero-wolf.com/reveal.

INTERIOR VIEW

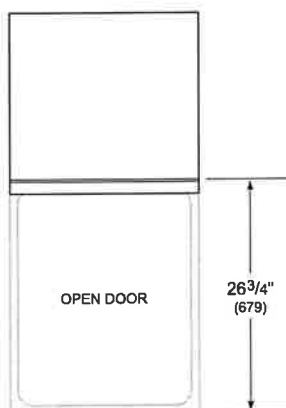


This illustration is intended for interior reference only and may not represent the exterior of the model being specified.

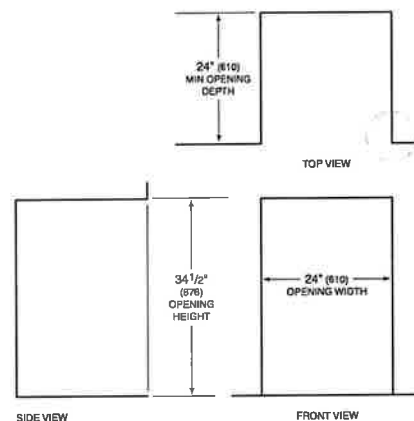
DIMENSIONS



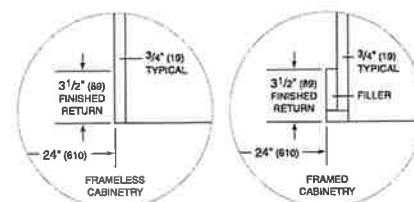
*33 3/4" (857) MIN TO 34 3/4" (883) MAX



24" INSTALLATION



NOTE: 3/16" (99) finished returns will be visible and should be finished to match cabinetry.



Door Panel

STAINLESS STEEL PANEL

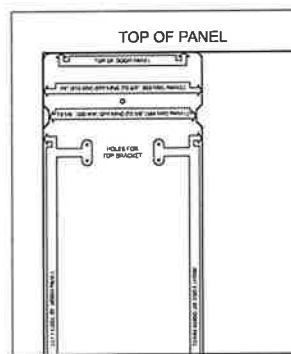
Stainless steel accessory door panels are available through an authorized Cove dealer. For local dealer information, visit the find a showroom section of our website, coveappliance.com.

CUSTOM PANEL

Finish all sides of the custom panel. They may be visible when the door is open.

The thickness of the custom panel can vary. A minimum $\frac{1}{2}$ " (13) thick panel is required, but the thickness can be increased provided the panel does not exceed 20 lb (9 kg). A panel less than 18 lb (9 kg) is optimal.

The custom door panel template provided accommodates $23\frac{3}{8}$ " (594) and $23\frac{3}{4}$ " (603) wide panels. Adjust the template accordingly for all other panel widths. Refer to the illustration below.



Custom door panel template

DEU1550W



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

Seamlessly integrating anywhere, undercounter wine storage adds comfort to your master suite, creates a corner for libations in the study—the options are endless

Offers 24-bottle capacity

UV-resistant glass door shields wine from harmful light

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

Precision temperature control to within one degree of setpoint preserves wine at its optimal temperature

Full-extension wine racks provide easy access to standard-size bottles, half bottles, and magnums without agitating others

Inventory tile system aids collection organization

ACCESSORIES

Custom Panel Lock Kit

Pro Handle

Tubular Handle

Wine Inventory Tiles

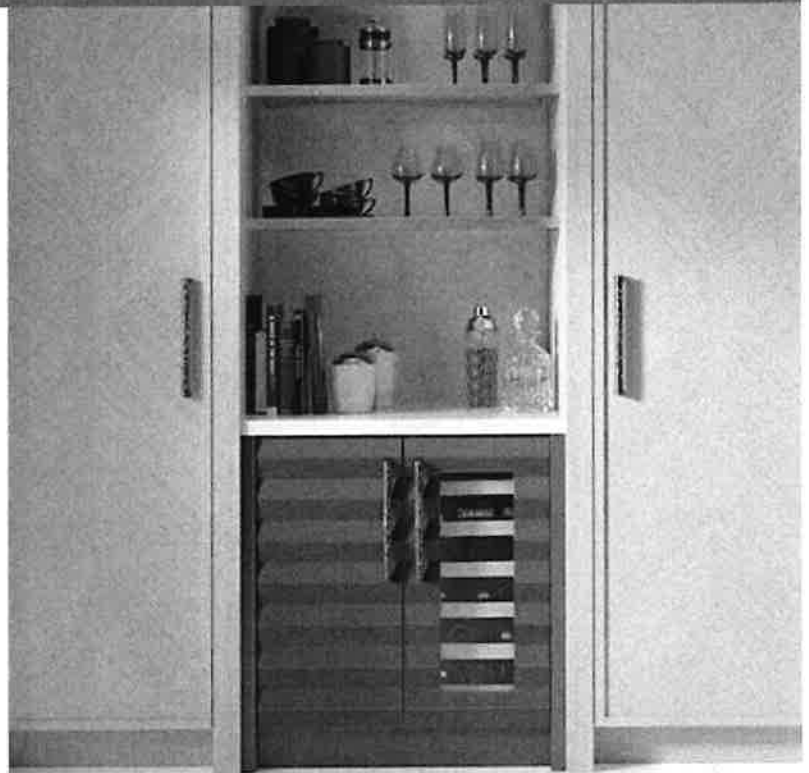
Wine Inventory Tiles - Writable

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



DEU1550IP**FEATURES**

For extra peace of mind, if the unit senses a water leak, it will shut down to prevent further leakage and notify you through an alarm and the Owner's App.

MaxQuiet™ technology ensures near-silent operation

Intuitive cleaning system requires less user interaction

A subtle floor light shows the progress of the cleaning process

Produces up to 65 lbs. of clear cube-shaped ice (approximately 1 1/4" across) per day

Rounded ice scoop is specially designed to pick up as many cubes as possible

Panel-ready, with integrated hinges, to blend seamlessly into surrounding cabinetry

The intuitive controls match other Sub-Zero touchscreens and are located on top of the door for easy access and viewing

Use the Owner's App on your mobile device to start or stop ice making, remotely monitor the unit, adjust settings, and receive notifications on cleaning status

Sub-Zero's legendary quality means the ice maker will provide years of regular use even in harsh outdoor conditions

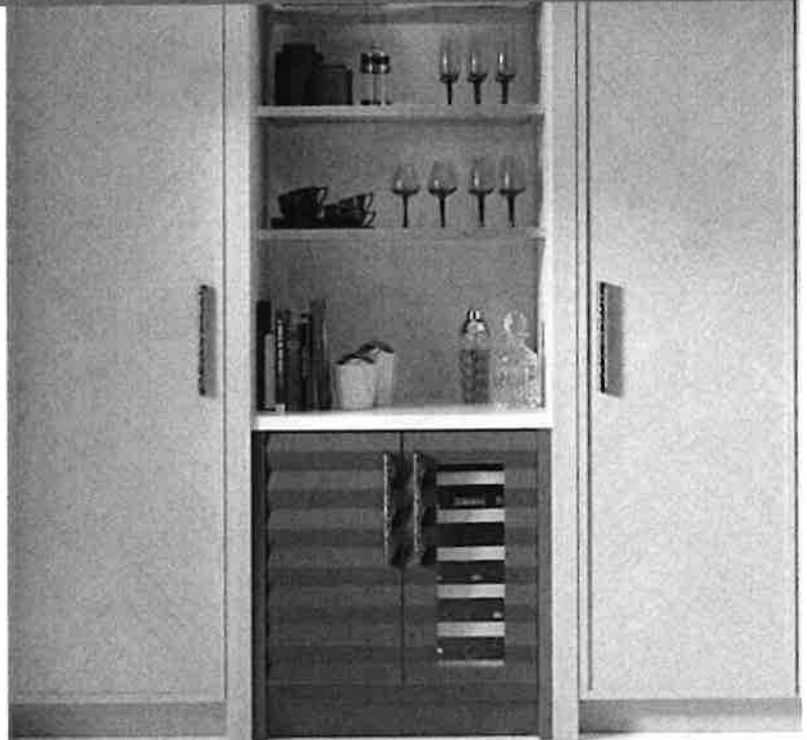
ACCESSORIES

Stainless Steel Solid Door Panels

Stainless Steel Dual Kickplates

Outdoor Stainless Steel Solid Door Panels

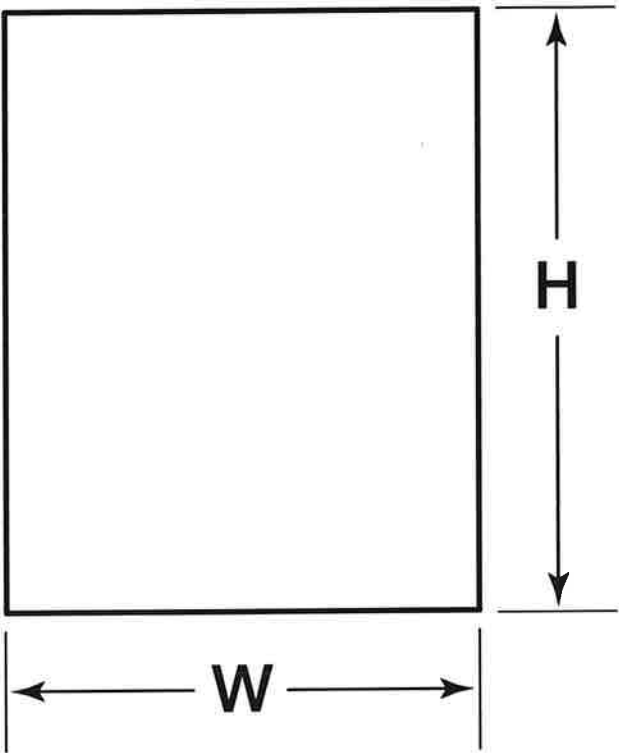
Accessories are available through an authorized dealer.
For local dealer information, visit subzero-wolf.com/locator.

**HANDLE ACCESSORIES****PRO****TUBULAR****PRODUCT DETAILS****FREEZER**

- LED lighting
- Built-in ice scoop

Panel Specifications

Single Model: DEU1550IP



PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Door	14 3/4"	30 3/8"	5/8"	15 lbs

48" CLASSIC FRENCH DOOR REFRIGERATOR/FREEZER WITH INTERNAL DISPENSER - PANEL READY

SUB-ZERO

CL4850UFDID/O



FEATURES

Split Climate® intelligent cooling system revolutionizes Sub-Zero's already-superior preservation capabilities, keeping food even fresher for longer

ClearSight® LED lighting system fully illuminates the interior and reduces shadows,

Sleek stainless accents trim the interior, matching the sophistication of the exterior

Touch control panel is conveniently located for easy access at the tap of a finger

Night Mode optimizes the interior lighting based on the detected ambient light, reducing the brightness by 90% in dim environments

Lift the base of the flip-up dairy compartment to store taller items on the shelf below

Delivers fresh, filtered water through an internal dispenser located discreetly within the refrigerator

Activate Max Ice Mode to temporarily increase ice production

Wi-Fi enabled for convenient remote access using your mobile device or smart home system

Position adjustable door bins at various heights to accommodate assorted items

Sub-Zero offers an industry-leading full two-year warranty on appliances, along with a full five-year sealed system warranty

ACCESSORIES

90° Door Stop

Air Purification Cartridge

Custom Front Panel Mounting Kit

Custom Side Panel Mounting Kit

Egg Container

Grille Frame - 84"

Pro Handle

Pro Louvered Flush Inset Grille - 84"

Stainless Steel Flush Inset Grille Panel

Stainless Steel Pro Louvered Grille - 84"

Stainless Steel Side Panel

Tubular Handle

Water Filter

Stainless Steel Flush Inset Door and Drawer Panels with Pro Handle

Stainless Steel Flush Inset Door and Drawer Panels with Tubular Handle

Classic Stainless Steel Pro Louvered Grilles

Stainless Steel Pro Handles

Stainless Steel Tubular Handles

Stainless Steel Kickplate



HANDLE ACCESSORIES

PRO



TUBULAR



PRODUCT DETAILS

REFRIGERATOR

- 7 glass refrigerator shelves (6 adjustable; 1 stationary)
- 4 crisper drawers with removable dividers
- 7 refrigerator door bins (5 adjustable; 2 stationary)
- 1 flip-up dairy compartment
- Air purification system
- Internal water dispenser
- LED refrigerator and freezer lights

FREEZER

- Water filtration system
- Automatic ice maker with removable ice container
- Full-extension drawer

CL4850UFDID/O



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Tubular Handle

Water Filter

Stainless Steel Flush Inset Door and Drawer Panels with Pro Handle

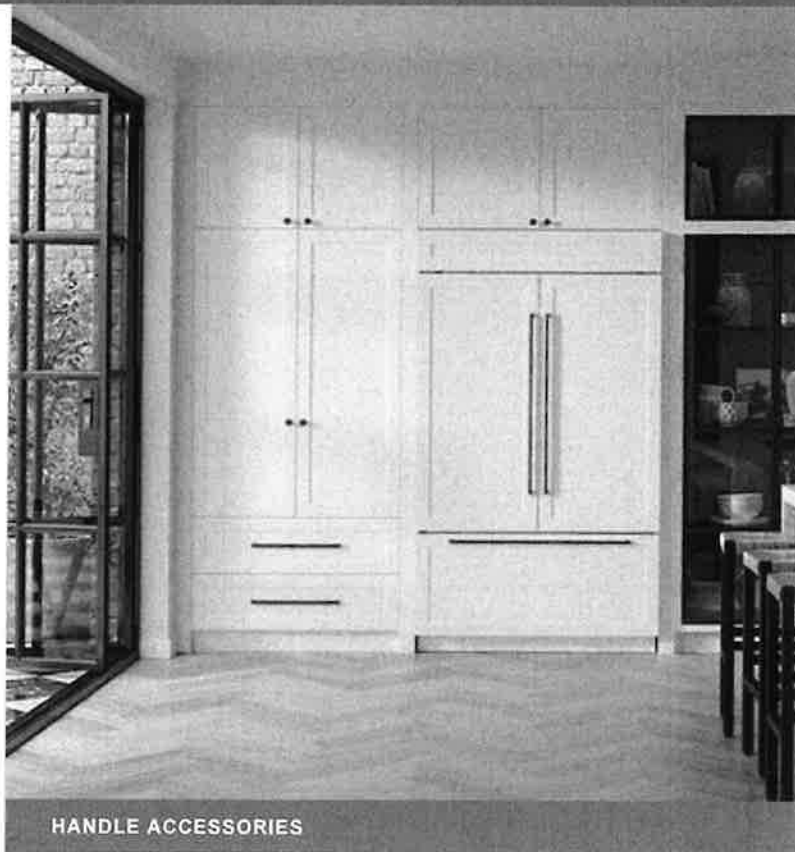
Stainless Steel Flush Inset Door and Drawer Panels with Tubular Handle

Classic Stainless Steel Pro Louvered Grilles

Stainless Steel Pro Handles

Stainless Steel Tubular Handles

Stainless Steel Kickplate



HANDLE ACCESSORIES

PRO



TUBULAR



PRODUCT DETAILS

REFRIGERATOR

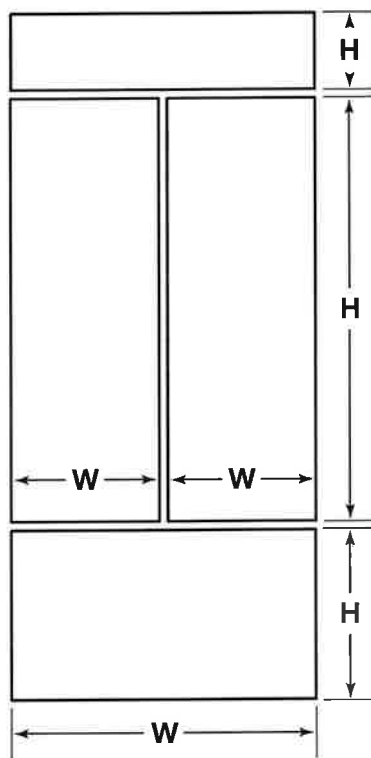
- 7 glass refrigerator shelves (6 adjustable; 1 stationary)
- 4 crisper drawers with removable dividers
- 7 refrigerator door bins (5 adjustable; 2 stationary)
- 1 flip-up dairy compartment
- Air purification system
- Internal water dispenser
- LED refrigerator and freezer lights

FREEZER

- Water filtration system
- Automatic ice maker with removable ice container
- Full-extension drawer

Panel Specifications

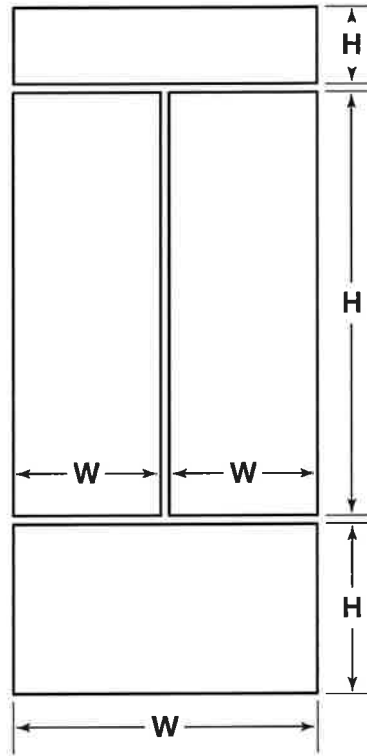
Single Model: CL4850UFDID/O



PANEL	FRONT	SPACER	BACKER	MAX WEIGHT
Door (2)	$24 \frac{3}{8}$ "  $50 \frac{5}{8}$ " 	23 "  $49 \frac{13}{16}$ " 	$23 \frac{5}{8}$ "  $50 \frac{7}{16}$ " 	50 lbs
Drawer	49 "  20 " 	$47 \frac{1}{8}$ "  $19 \frac{1}{16}$ " 	$47 \frac{3}{4}$ "  $19 \frac{11}{16}$ " 	50 lbs
Grille	49 "  $7 \frac{3}{4}$ " 	$47 \frac{1}{8}$ "  $6 \frac{13}{16}$ " 	$47 \frac{3}{4}$ "  $7 \frac{7}{16}$ " 	13 lbs

Panel Specifications

Single Model: CL4850UFDID/O



PANEL	FRONT	SPACER	BACKER	MAX WEIGHT
Door (2)	$23 \frac{7}{8}$ "  $50 \frac{5}{8}$ " 	23 "  $49 \frac{13}{16}$ " 	$23 \frac{5}{8}$ "  $50 \frac{7}{16}$ " 	50 lbs
Drawer	48 "  20 " 	$47 \frac{1}{8}$ "  $19 \frac{1}{16}$ " 	$47 \frac{3}{4}$ "  $19 \frac{11}{16}$ " 	50 lbs
Grille	48 "  $7 \frac{3}{4}$ " 	$47 \frac{1}{8}$ "  $6 \frac{13}{16}$ " 	$47 \frac{3}{4}$ "  $7 \frac{7}{16}$ " 	13 lbs

LG LAUNDRY

WM6500H_A

5.0 cu. ft. Mega Capacity Smart Front Load Energy Star
 Washer with TurboWash® 360° and AI DD® Built-In Intelligence

5.0 cu. ft. Mega Capacity
 Digital Dial Control with LCD Display & Touch Button Control Panel
 TurboWash® 360° Technology
 AI DD®: AI Fabric and Weight Sensors with Smart Pairing
 LG ThinQ® Technology with ThinQ Care
 Allergiene® Cycle
 Cold Wash Technology
 NeveRust® Stainless Steel Drum
 ENERGY STAR® Certified & ENERGY STAR Most Efficient
 Direct Drive Motor 10-Year Limited Warranty

AVAILABLE COLORS



Proactive Smart Alerts to Keep Your Appliances Running Smoothly

- Preventative Alerts help you stay a step ahead of potential issues to find proactive solutions before problems arise.
- Avoid preventable repairs and service calls with real-time diagnostics for a hassle-free experience.
- Integrated within LG's ThinQ app—a smart home hub for managing your smart devices and appliances.

ThinQ Care



SUMMARY

Type	Front Load Washer
Capacity (cu. ft.)	5.0 cu. ft.
Matching Electric Dryer	DLEX6500B / DLEX6500W
Matching Gas Dryer	DLGX6501B / DLEX6501W
Color	Black Steel (B), White (W)

APPEARANCE

LCD Display	Yes
Touch Buttons	Yes
Dial-A-Cycle®	Yes

ENERGY

ENERGY STAR® Most Efficient	Yes
ENERGY STAR® Certified	Yes
CEE Tier	Tier2
IMEF	2.92
IWF	3.0

WASH PROGRAMS

No. of Programs	25
Wash Programs	Normal, AI Wash, Bedding, Delicates, Towels, Quick Wash, Heavy Duty, Allergiene®, Perm. Press, Tub Clean, Bright Whites™, Sanitary, Rinse+Spin, Spin Only, Hand/Wool, Active Wear, Swimwear, Kids Wear, Jeans, Dresses, Color Care, Sweat Stains, Small Load, Large Load, X Large Load

WASH OPTIONS

No. of Options	15
Options	TurboWash®, Steam, Fresh Care, Pre-wash, Remote Start, Delay Wash, Wi-Fi, Add Item, Extra Rinse, Control Lock, Drum Light, ColdWash, Signal, Cycle List Edit, Cycle Optimization

WASH DETAILS

No. of Wash/Rinse Temps	5
Wash/Rinse Temps	Ex. Hot, Hot, Warm, Cold, Tap Cold
No. of Spin Speeds	5
Spin Speeds	Ex. High, High, Medium, Low, No Spin
Max RPM	1300
Water Levels	Load Sensing
No. of Soil Levels	5

FABRIC CARE FEATURES

AI DD®	Yes
TurboWash® 360 Technology	Yes
Steam Technology	Yes
Allergiene® Cycle	Yes
Sanitary Cycle	Yes
Cold Wash Option	Yes

CONVENIENCE FEATURES

Vibration Sensing (Cabinet Vibration Sensor)	Yes
TrueBalance® Anti-Vibration System	Yes
4 Tray Dispenser	Prewash, Main Wash (with liquid detergent cup), Bleach, Fabric Softener
End of Cycle Signal	Yes
LoadSense	Yes
Control Lock	Yes
Auto Suds Removal	Yes
Leveling Legs	4 Adjustable Legs
Drum Light	Yes

ThinQ® TECHNOLOGY

Smart Diagnosis	Yes
Wi-Fi	Yes
ThinQ Care	Yes
Energy Monitoring	Yes
Tub Clean Coach	Yes

MOTOR AND AGITATOR

Motor Type	Inverter Direct Drive Motor
Axis	Horizontal

MATERIALS AND FINISHES

NeveRust® Stainless Steel Drum	Yes
Cabinet	Painted Steel
Control Panel	Painted Steel
Top Plate	Painted Steel
Door / Rim	Glass / Shiny Rose Gold
Door Cover	Tempered Glass Door
All Available Colors	Black Steel (B), White (W)

CERTIFICATION

AAFA	Yes
------	-----

POWER SOURCE

Ratings	UL Listed
Electrical Requirements	120V, 10 Amps
Type	Electric

OPTIONS/ACCESSORIES

Pedestal	WDP6B, WDP6W
Pedestal (WxHxD)	27" x 13 5/8" x 25 3/8" (43 7/8" D with door open)
LG Sidekick™ Pedestal Washer	WD300CB, WD300CW
LG Sidekick™ Pedestal Washer (WxHxD)	27" x 14 1/8" x 30 3/4" (50 1/2" with drawer open)
Stacking Kit	KSTK4

DIMENSIONS

Product (WxHxD)	27" x 39" x 33 1/8"
Depth with Door Open	57 3/4"
Carton (WxHxD)	29 1/2" x 42 1/8" x 34 1/4"
Weight (Product/Carton)	202.6 / 216.5 lbs.

LIMITED WARRANTY

Parts and Labor	1 Year
Direct Drive Motor	10 Years
Drum	3 Years

UPC CODES

WM6500HBA (Black)	195174052921
WM6500HWA (White)	195174048689

27W x 39H x 33 1/8D

LG LAUNDRY

DLEX6500_ / DLGX6501_

7.4 cu. ft. Capacity Energy Star Smart Front Load Dryer with
 AI Sensor Dry & TurboSteam®

KEY FEATURES

7.4 cu. ft. Ultra Large Capacity
 Digital Dial Control with LCD Display & Touch Button Control Panel
 AI Sensor Dry with Smart Pairing
 TurboSteam®, SteamFresh®, and SteamSanitary® Technology
 Wrinkle Care Option
 LG ThinQ® Technology with ThinQ Care
 FlowSense® Duct Clogging Indicator
 Tempered Glass Door (Reversible)
 NeveRust® Stainless Steel Drum
 ENERGY STAR® Certified

AVAILABLE COLORS



SMART APPLIANCE

ThinQ Care

Proactive Smart Alerts to Keep
Your Appliances Running Smoothly

- Preventative Alerts help you stay a step ahead of potential issues to find proactive solutions before problems arise.
- Avoid preventable repairs and service calls with real-time diagnostics for a hassle-free experience.
- Integrated within LG's ThinQ app—a smart home hub for managing your smart devices and appliances.



PRODUCT FEATURES

SUMMARY

Type	Front Load Dryer
Vent Type	Vented
Dryer Type	Elec: DLEX6500B / DLEX6500W Gas: DLGX6501B / DLGX6501W
Capacity	7.4 cu. ft.
Matching Washer	WM6500HBA / WM6500HWA
Sensor Dry	Yes
Steam	Yes
Color	Black Steel (B), White (W)

APPEARANCE

LCD Display	Yes
Touch Buttons	Yes
Dial-A-Cycle®	Yes

DRYER PROGRAMS

No. of Programs	23
Programs (Sensor Dry)	Normal, AI Dry, Bedding, Delicates, Towels, Quick Dry, Timed Dry, Power Dry, Perm. Press, SteamFresh™, Heavy Duty, Air Dry, Steam Sanitary™, Super Dry, Active Wear, Denim → Jeans, Blanket Refresh, Low Temp Dry, Overnight Dry, Easy Ironing, Small Load, Large Load Dry, X Large Load Dry

No. of Options

Options	11
	Cycle Optimization, Damp Dry Signal, Wrinkle Care, Control Lock, Wi-Fi, Energy Saver, TurboSteam®, Reduce Static, Remote Start, Drum Light, Signal

Temperature Settings

Drying Levels	High, Med. High, Medium, Low, Ultra Low
	Very Dry, More Dry, Normal Dry, Less Dry, Damp Dry

Manual Dry Times

	10 min - 100 min (10 min incremental)
--	---------------------------------------

FABRIC CARE FEATURES

AI Sensor Dry	Yes
Sensor Dry	Yes
Precise Temperature Control with Variable Heater	Yes
Steam	TurboSteam®

CONVENIENCE FEATURES

3 Minute Installation Check	Yes
End of Cycle Signal	Yes
Drum Light (Door Open)	Yes
Reversible Door	Yes
FlowSense® Duct Clogging Indicator	Yes
Wrinkle Care Option	Yes
Control Lock	Yes

Venting Option

4 Adjustable Legs	Yes
Remaining Time Display / Status Indicator(s)	Yes

ThinQ® TECHNOLOGY

Smart Diagnosis	Yes
Wi-Fi	Yes
ThinQ Care	Yes
Remote Start and Cycle Monitor	Yes
Energy Monitoring	Yes

ENERGY

ENERGY STAR® Certified	Yes
CEF	Electric: 3.94 / Gas: 3.49

MATERIALS AND FINISHES

NeveRust® Stainless Steel Drum	Yes
Cabinet	Painted Steel
Door	Tempered Glass Door
All Available Colors	Black Steel (B), White (W)

POWER SOURCE

Ratings	CSA Listed
Electrical Requirements	Elec: 120/240V, 60Hz, 26A / Gas: 120V, 60Hz, 11.5A
Type	Electric, Gas
BTU Rating	Gas: 20,000

OPTIONS

LP Conversion Kit	383EEL3002D
Side Venting Kit	3911EZ9131X
Drying Rack	3750EL1001A
Pedestal	WDP6B, WDP6W
Pedestal (WxHxD)	27" x 13 5/8" x 28" (43 7/8" D with door open)

DIMENSIONS

Product (WxHxD)	27" x 39" x 29 3/4"
Depth with Door Open	51 3/8"
Carton (WxHxD)	28 31/32" x 46 29/64" x 31 27/64"
Product Weight (lbs.)	Electric: 124.3 lbs. / Gas: 136.0 lbs.
Carton Weight (lbs.)	Electric: 136.5 lbs. / Gas: 146.6 lbs.

LIMITED WARRANTY

Parts & Labor	1 Year
Drum	3 Years

UPC CODES

DLEX6500B (Black)	195174052945
DLGX6501B (Black)	195174052969
DLEX6500W (White)	195174049075
DLGX6501W (White)	195174048535



KitchenAid Model: KRFC136SPS

20 Cu. Ft. 36-Inch Counter-Depth French Door Refrigerator with Internal Water Dispenser

Color



PrintShield Stainless

Product Description

Enjoy freshness within reach. This KitchenAid® Counter-Depth French Door Refrigerator features an Internal Water Dispenser to keep the outside looking sleek. Help keep ingredients fresh and flavorful with the Preserva® Food Care System. Plus, fit more and bigger ingredients with the Full-Width Pantry and adjustable Wood-Look Nesting Shelf.

Specifications

Filter Details

Air Filter Indicator/Reset	No
Fresh Flow Air Filter	No
Produce Preserver	No
Water Filter Location	Interior
Water Filter Indicator/Reset	Yes
Water Filter Part Number	EDRARXD1

Dimensions

Cabinet Width	35.625
Cutout Width	36
Cutout Height	69
Depth	29.375
Depth Closed Excluding	26.875
Depth Closed Including	29.375
Depth Excluding Doors	24.125
Depth With Door Open 90	43.125
Freezer Capacity Volume	5.62
Gross Weight	292
Height	70.125
Height To Top Of Cabinet	68.875
Height To Top Of Door Hinge	70.125
Net Weight	272
Refrigerator Capacity	14.38
Total Refrigerator Capacity	20
Width	35.75
Maximum Height	35.75
Minimum Height	68.875
Capacity	20

Certifications

ADA Compliant	No
CEE Tier Rating	Tier I
UL	Yes
ULe Environmentally	Passed 60 point AHAM
Prop 65	 CALIFORNIA RESIDENTS ONLY - WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Smart Compatibility

Connectivity	No
Works With	No

Controls

Automatic Defrost	Yes
Control Location	Interior Up Front
Control Lockout	No
Cooling Type	Single Evaporator
Door Ajar/Open Alarm	Yes
LCD Touch Screen	No
Max Cool/Fast Cool	Yes
Sabbath Mode	Yes
Temperature Range	-5/+5 FC 33/45 RC

Exterior Details

Base Grille Color	Grey
Cabinet Color	Grey
Cabinet Finish	Textured
Counter Depth	Yes
Door Color	Stainless Steel with
Door Finish	PrintShield Finish
Door Style	Contour
Handle Color	Stainless Steel
Handle Material	Stainless Steel
Hidden Hinge	Yes
Handle Type	Reach Through Handle

DEU1550I: Opening and Panel Specs, Custom Panels, Indoor

Specifications:

[Specifications Summary](#)

[Planning Notes](#)

[Front View](#)

[Side View](#)

[Top View](#)

[Top View Detail](#)

[Panel Specifications](#)

[Panel Planning Notes](#)

[Additional Requirements](#)



DEU1550I

15" Designer Undercounter Ice Maker - Panel Ready

Notes : Additional accessories are available for this installation. Please ask your local retailer for more information.

Specifications Summary

Single Model: DEU1550I

MODEL	OVERALL DIMENSIONS	WEIGHT	OPENING DIMENSIONS
DEU1550I - Model Detail CAD Libraries: 3D Studio Max (3DS) 3D Studio Max (3DS) 2D AutoCad (DWG) 3D Studio Max (3DS) 3D Studio Max (3DS) 2D AutoCad (DWG) 2D AutoCad (DWG) 2D AutoCad (DWG) 3D AutoCad (DWG) 3D AutoCad (DWG) 3D AutoCad (DWG) 3D AutoCad (DWG) AutoCad (DXF) AutoCad (DXF) AutoCad (DXF) AutoCad (DXF) ArchiCad (GSM) ArchiCad (GSM) ArchiCad (GSM) ArchiCad (GSM) 3D Studio Max (MAX) 3D Studio Max (MAX) 3D Studio Max (MAX) 3D Studio Max (MAX) Wavefront 3D (OBJ) Wavefront 3D (OBJ) Wavefront 3D (OBJ) Wavefront 3D (OBJ) Revit Files (RFA) Revit Files (RFA) Revit Files (RFA) Revit Files (RFA) SketchUp (SKP) SketchUp (SKP) SketchUp (SKP) SketchUp (SKP)	15"  34 1/2"  23 1/8" 	0	15"  34 1/2"  24" 
User Guides: QR SHEET Subzero Design Guide			

Planning Notes

Single Model: DEU1550I

Undercounter Refrigeration

Ice machine models can be ordered with or without a drain pump. Models without a pump will drain water by gravity. A drain must be installed. The drain and inlet water tubes must be plumbed before connecting to the ice machine. For the gravity drain, horizontal drain lines must have a 1/4" (6) per 12" (305) fall. An air gap will likely be required between the unit and drain. A stand pipe with a trap below is acceptable for the drain.

Front View

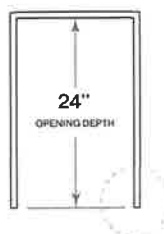
Single Model: DEU1550I

DEU1550I

**Top View**

Single Model: DEU1550I

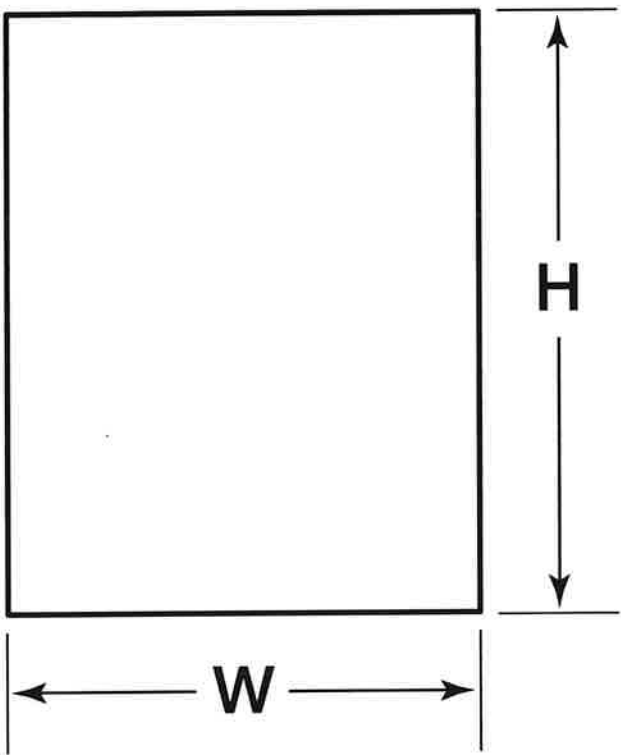
DEU1550I



Single Model: DEU1550I

Panel Specifications

Single Model: DEU1550I



PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Door	14 ³ / ₄ "	30 ³ / ₈ "	⁵ / ₈ "	15 lbs

Panel Planning Notes

Single Model: DEU1550I

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.

Minimum Panel Thickness

5/8"

Standard Handle Lengths (Optional)

HANDLE

TUBULAR

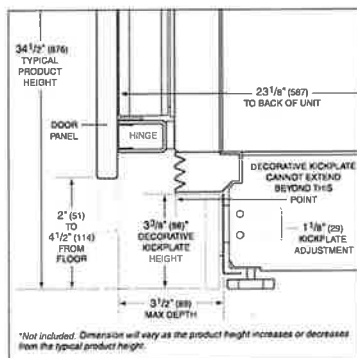
PRO

DEU1550I Door

24 3/16"

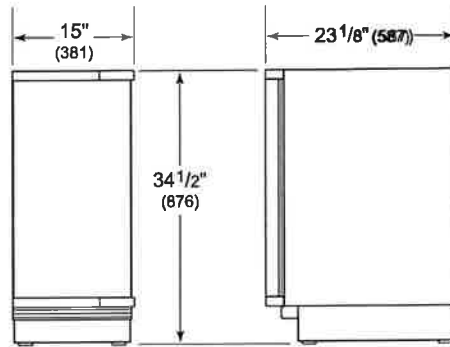
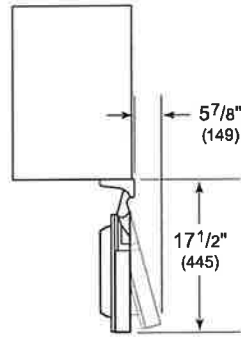
22 1/2"

Toe Kick Clearance



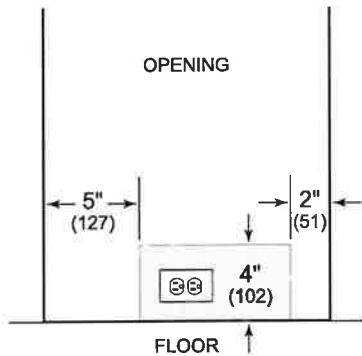
Overall Dimensions

Single Model: DEU1550I

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

Electrical

Single Model: DEU1550I



Electrical Supply grounded, 115 VAC, 60 Hz

Electrical Service 15 amp dedicated circuit

Receptacle 3-prong grounding-type

**WARNING**

Installation must comply with all applicable electrical codes.

For indoor installations, a ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation. For outdoor installations, a ground fault circuit interrupter (GFCI) is required to reduce the risk of electrical shock.

Plumbing

Single Model: DEU1550I

Water Supply

1/4" OD copper, braided
stainless steel or PEX tubing

Pressure

20–80 psi

DEU1550W: Opening and Panel Specs, Custom Panels

Specifications:

[Specifications Summary](#)

[Front View](#)

[Side View](#)

[Top View](#)

[Top View Detail](#)

[Panel Specifications](#)

[Panel Planning Notes](#)

[Additional Requirements](#)



DEU1550W

15" Designer Undercounter Wine Storage - Panel Ready

Notes : Additional accessories are available for this installation. Please ask your local retailer for more information.

Specifications Summary

Single Model: DEU1550W

MODEL	OVERALL DIMENSIONS	WEIGHT	OPENING DIMENSIONS
DEU1550W - Model Detail	15" 	131 lbs	15" 
CAD Libraries: 3D Studio Max (3DS) 3D Studio Max (3DS)	34 1/2" 		34 1/2" 
3D Studio Max (MAX) 3D Studio Max (MAX)	23 1/8" 		24" 
Wavefront 3D (OBJ) Wavefront 3D (OBJ) 3D AutoCad (DWG)			
3D AutoCad (DWG)			
User Guides: QR SHEET Subzero Design Guide			

Front View

Single Model: DEU1550W

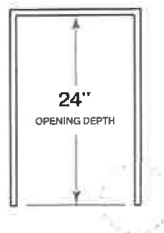
DEU1550W



Top View

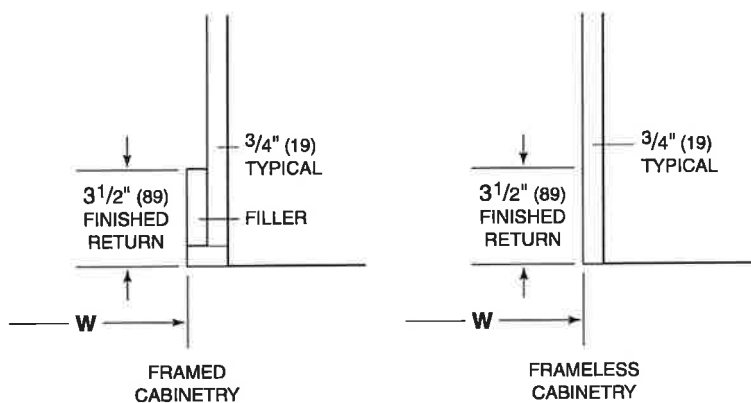
Single Model: DEU1550W

DEU1550W



Top View Detail

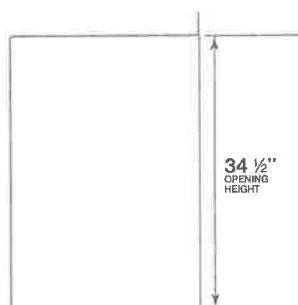
Single Model: DEU1550W



The depth of each designer model is 23 1/8" (587). Allow for panel thickness when planning the finished opening depth. A minimum 3 1/2" (89) finished return is required on all sides of the opening. Framed cabinets will require additional finished filler material behind the face frame for a proper installation.

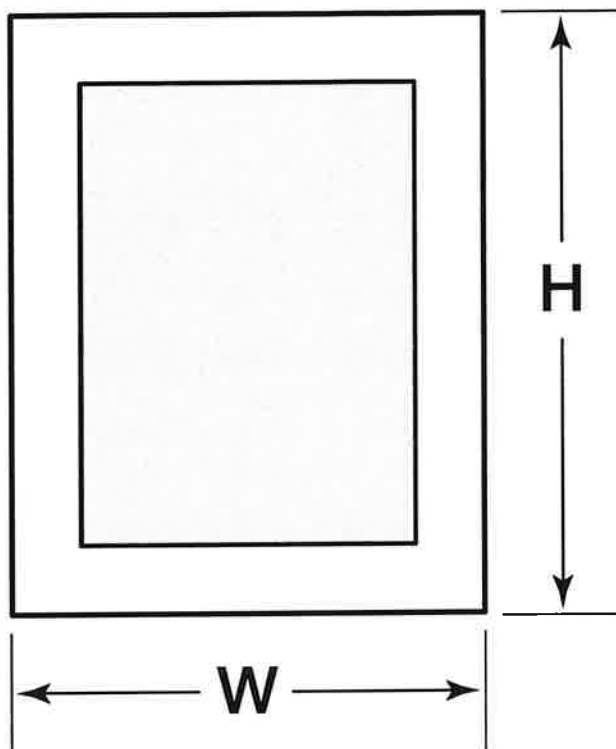
Side View

Single Model: DEU1550W



Panel Specifications

Single Model: DEU1550W



PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Door	14 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: DEU1550W

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.

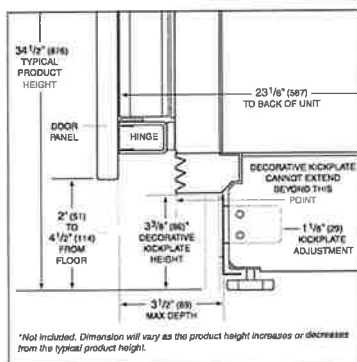
Finish all sides of custom panels. They will be visible when the door is open.

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

Minimum Panel Thickness

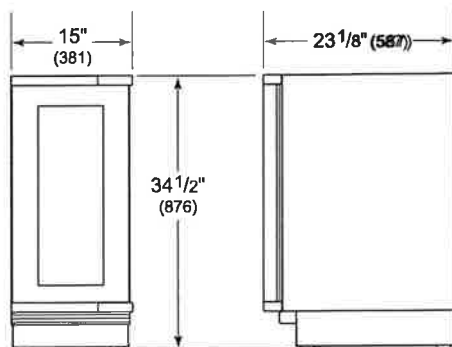
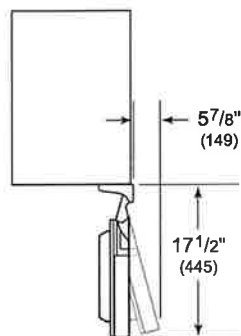
5/8"

Toe Kick Clearance



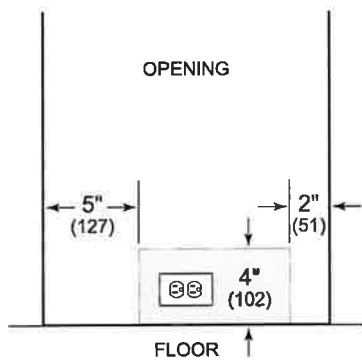
Overall Dimensions

Single Model: DEU1550W

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

Electrical

Single Model: DEU1550W



Electrical Supply

grounded, 115 VAC, 60 Hz

Electrical Service

15 amp dedicated circuit

**WARNING**

Installation must comply with all applicable electrical codes.

CL4850UFDID/O: Opening and Panel Specs, Flush Inset Installation, Custom Panels, 84" Finished Height (Typical)

Specifications:

Specifications Summary

Front View

Side View

Top View

Top View Detail

Panel Specifications

Panel Planning Notes

Panel Offsets

Templates

Additional Requirements



CL4850UFDID/O

48" Classic French Door Refrigerator/Freezer with Internal Dispenser -
Panel Ready

Notes : Additional accessories are available for this installation. Please ask
your local retailer for more information.

Specifications Summary

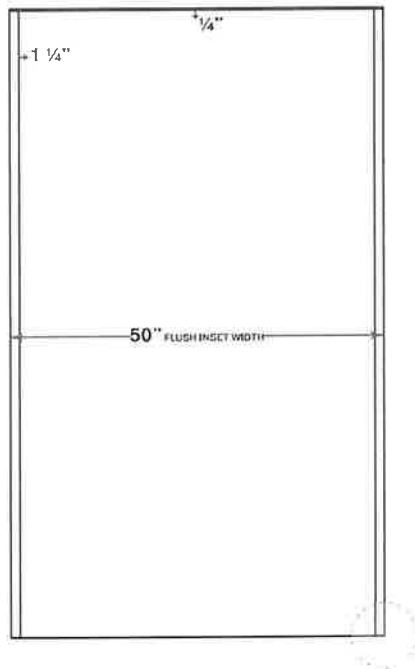
Single Model: CL4850UFDID/O

MODEL	OVERALL DIMENSIONS	WEIGHT	FLUSH INSET OPENING DIMENSIONS
CL4850UFDID/O - Model Detail CAD Libraries: 3D Studio Max (3DS) 3D Studio Max (MAX) 2D AutoCad (DWG) Wavefront 3D (OBJ) 3D AutoCad (DWG) Revit Files (RFA) SketchUp (SKP) AutoCad (DXF) ArchiCad (GSM) User Guides: QR SHEET Subzero Design Guide	48"  84"  24" 	707 lbs	50"  84"  26 ³ / ₁₆ " 

Front View

Single Model: CL4850UFDID/O

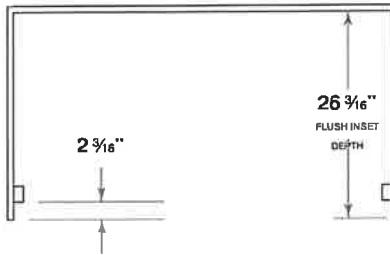
CL4850UFDID/O



Top View

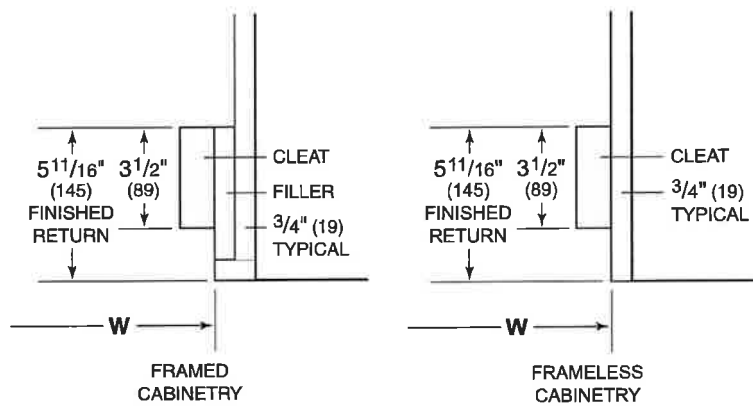
Single Model: CL4850UFDID/O

CL4850UFDID/O



Top View Detail

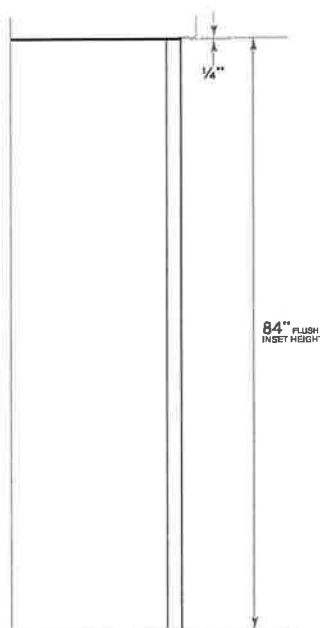
Single Model: CL4850UFDID/O



Shaded areas will be visible and should be finished to match cabinetry.

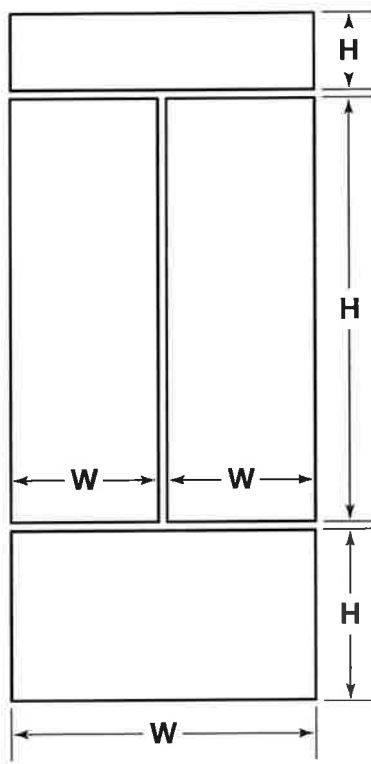
Side View

Single Model: CL4850UFDID/O



Panel Specifications

Single Model: CL4850UFDID/O



PANEL	FRONT	SPACER	BACKER	MAX WEIGHT
Door (2)	$24 \frac{3}{8}"$ $50 \frac{5}{8}"$	$23"$ $49 \frac{13}{16}"$	$23 \frac{5}{8}"$ $50 \frac{7}{16}"$	50 lbs
Drawer	$49"$ $20"$	$47 \frac{1}{8}"$ $19 \frac{1}{16}"$	$47 \frac{3}{4}"$ $19 \frac{11}{16}"$	50 lbs
Grille	$49"$ $7 \frac{3}{4}"$	$47 \frac{1}{8}"$ $6 \frac{13}{16}"$	$47 \frac{3}{4}"$ $7 \frac{7}{16}"$	13 lbs

Panel Planning Notes

Single Model: CL4850UFDID/O

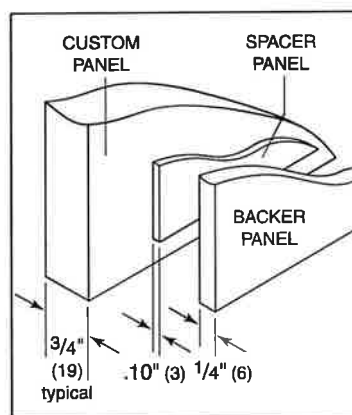
The flush inset application is an overlay model with flush inset panels. It is not a separate model.

The flush inset design allows custom panels to be installed flush with adjacent cabinets. Similar to overlay, flush inset panels are typically created by combining a 3/4" (19) custom panel, a .10" (3) spacer panel and a 1/4" (6) backer panel.

For flush inset panels thicker than 3/4" (19), a 90° door stop may be required to prevent interference with adjacent cabinets.

Minimum Panel Thickness

3/4"



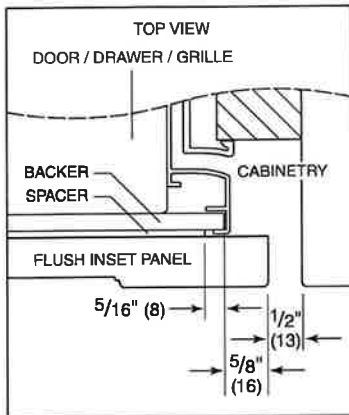
Panel assembly (rear view).

Standard Handle Lengths (Optional)

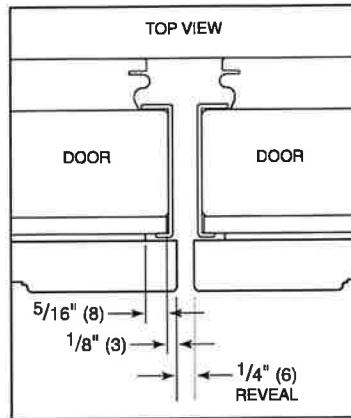
HANDLE	TUBULAR	PRO
CL4850UFDID/O Door	40 1/8"	36 1/16"
CL4850UFDID/O Drawer	43"	42"

Panel Offsets

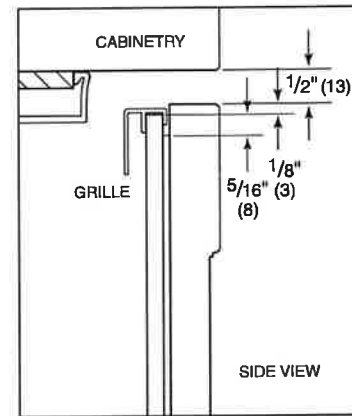
Single Model: CL4850UFDID/O



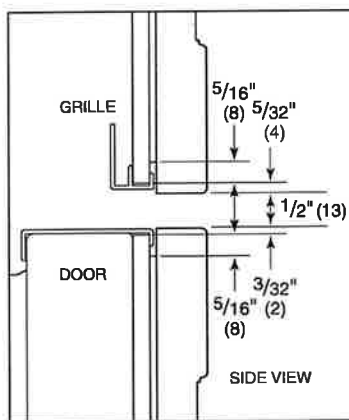
Door (hinge) / Drawer / Grille Sides



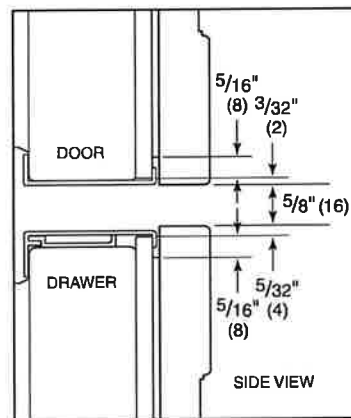
Doors (handle) Sides



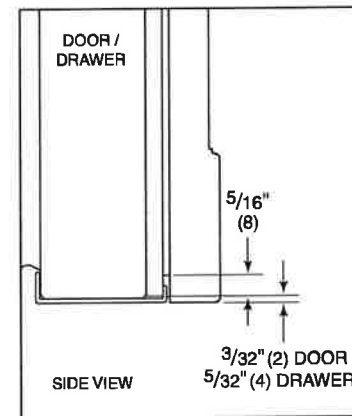
Grille Top



Grille Bottom / Door Top



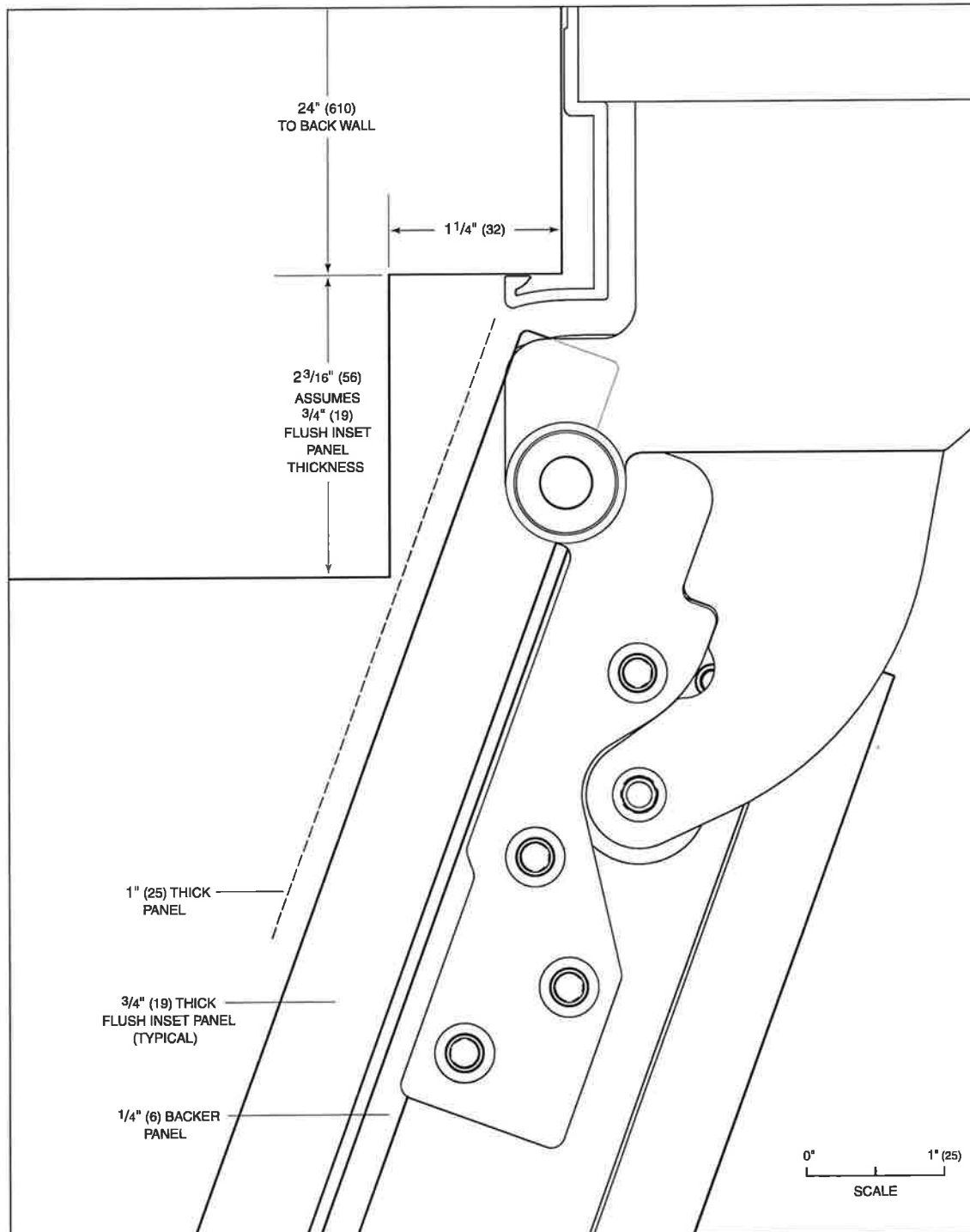
Door Bottom / Drawer Top



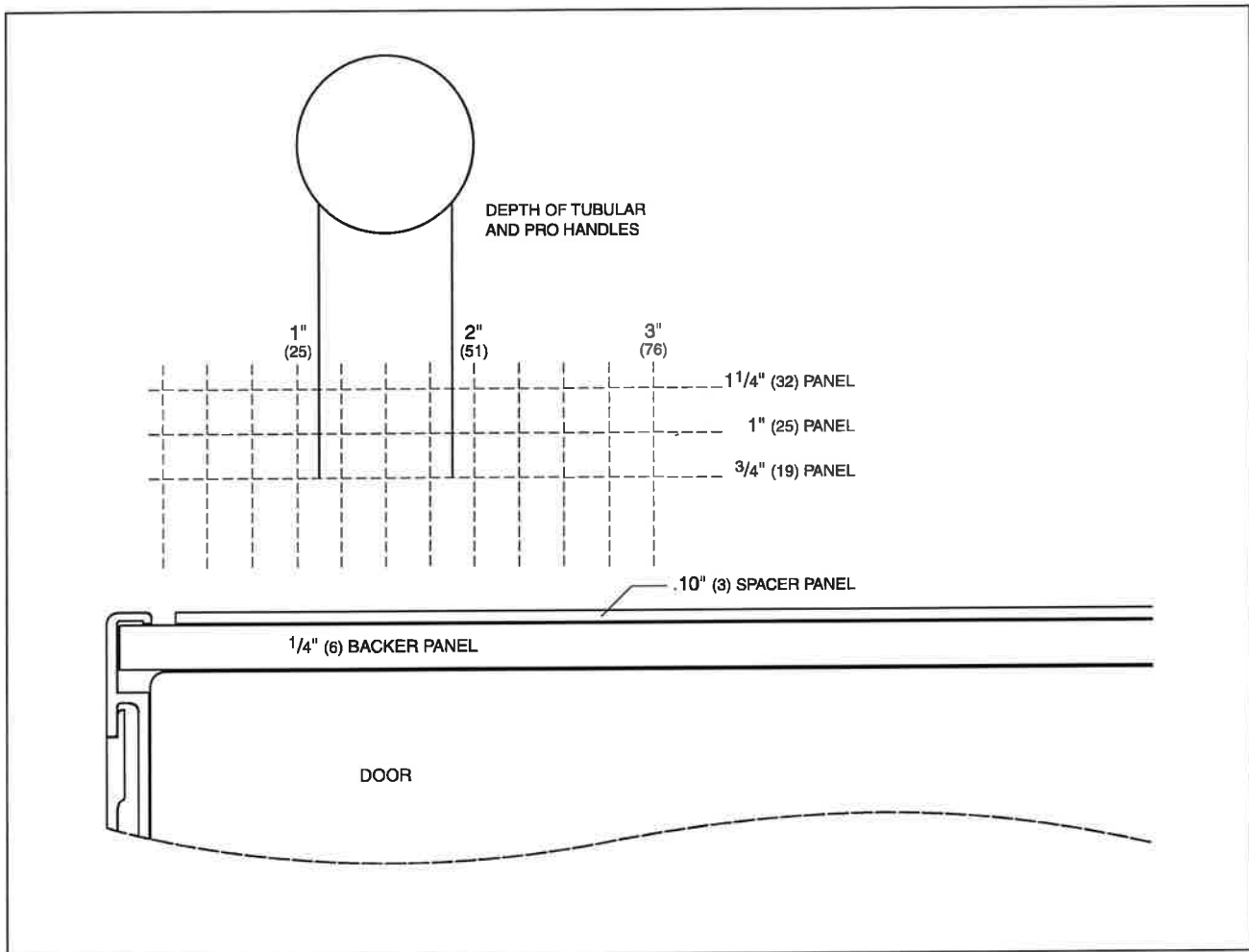
Door/Drawer Bottom

Templates

Single Model: CL4850UFDID/O



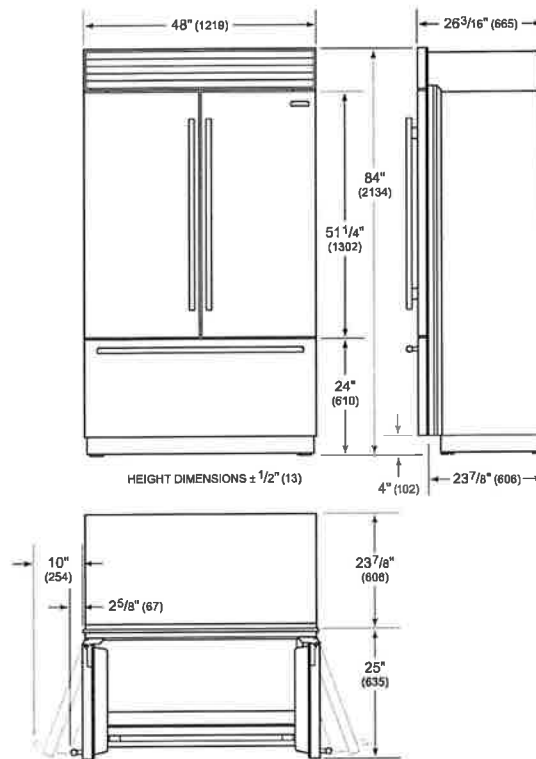
Flush inset application—110° door opening (top view).



Overlay and flush inset panel thickness.

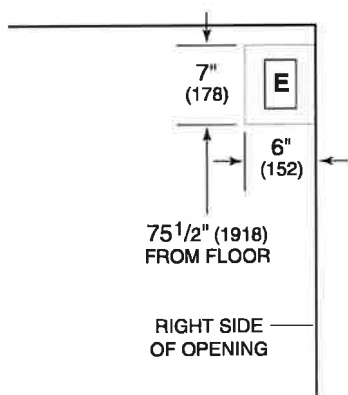
Overall Dimensions

Single Model: CL4850UFDID/O



Electrical

Single Model: CL4850UFDID/O



Electrical Supply	grounded, 115 VAC, 60 Hz
Electrical Service	15 amp dedicated circuit
Receptacle	3-prong grounding-type

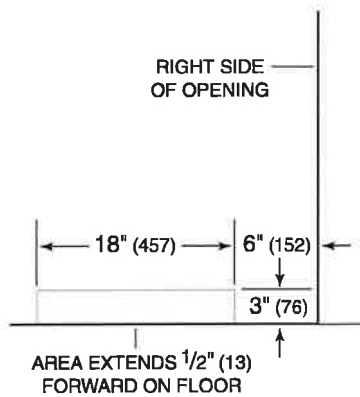
WARNING

Installation must comply with all applicable electrical codes.

A separate circuit, servicing only this appliance is required. A ground fault circuit interrupter (GFCI) is not recommended and may cause interruption of operation. Installation must comply with all applicable electrical codes.

Plumbing

Single Model: CL4850UFDID/O



Water Supply 1/4" OD copper, braided stainless steel or PEX tubing

Pressure 35–120 psi

Excess Line For Connection 36"

The water supply line should be connected to the house supply with an easily accessible shut-off valve. Do not use self-piercing valves. The water supply line must not interfere with installation of the anti-tip brackets. A reverse osmosis system can be used provided there is constant water pressure of 35–120 psi (2.4–8.3 bar) supplied to the unit at all times. A copper line is not recommended for this application. Installation must comply with all applicable plumbing codes.

Group 1: Flush Inset Installation

Specifications:

Specifications Summary

Planning Notes

Front View

Side View

Top View

WWD30 Panel Specifications

Panel Planning Notes

MDD3050PM/S/P Additional Requirements

WWD30 Additional Requirements



MDD3050PM/S/P
30" M Series Professional Drop-Down Door Microwave Oven



WWD30
30" Warming Drawer



808152
30" Integrated Warming Drawer Front Panel

Notes : Additional accessories are available for this installation. Please ask your local retailer for more information.

Specifications Summary

Group 1

SECTION A

MODEL	OVERALL DIMENSIONS	OPENING DIMENSIONS	CLEAT DEPTH	TRIM OVERLAP	BASE SUPPORT
MDD3050PM/S/P - Model Detail	29 ⁷ / ₈ "  17 ¹¹ / ₁₆ "  20" 	30 ¹ / ₈ "  18 ¹ / ₈ "  23" 	⁷ / ₈ "	³ / ₁₆ " Top 0" Bottom 3 ⁷ / ₈ " Sides	125 lbs
CAD Libraries: 2D AutoCad (DWG) AutoCad (DXF) ArchiCad (GSM) Revit Files (RFA) SketchUp (SKP) 3D Studio Max (3DS) 3D Studio Max (MAX) Wavefront 3D (OBJ)					
User Guides: QR SHEET Wolf Design Guide					

WWD30 - Model Detail	29 ⁷ / ₈ "  10 ³ / ₈ "  22 ³ / ₄ " 	30 ¹ / ₈ "  10 ³ / ₈ "  24" 	1"	⁵ / ₈ " Top ⁵ / ₈ " Bottom ⁵ / ₈ " Sides	200 lbs
CAD Libraries: 3D Studio Max (3DS) 3D AutoCad (DWG) 2D AutoCad (DWG) AutoCad (DXF) ArchiCad (GSM) 3D Studio Max (MAX) Wavefront 3D (OBJ) Revit Files (RFA) SketchUp (SKP)					
User Guides: QR SHEET Wolf Design Guide					

w/ Trim Kit
 30" Integrated Warming
 Drawer Front Panel
 (808152)

Add 1/4" (6) to the panel
 thickness to determine the
 flush inset cleat depth.

Planning Notes

Group 1

Cleats will be visible and should be finished to match the cabinetry.

If two products with different reveals are specified, the larger reveal must be used.

Dimensions provided assume minimum allowable reveals.

Microwaves

MDD3050PM/S/P: A minimum 1/8" (3) reveal is required on all sides.

Warming Drawers

The warming drawer must be installed with a Wolf drawer front. A panel mounting kit is required when installing a custom panel. The panel mounting kit is available through an authorized Wolf dealer.

For a standard installation, the drawer collar and front panel sit proud of the cabinet face frame. A recessed installation requires the cabinetry be recessed by 3/16" (5) so the collar is flush with the cabinet face frame but the drawer front will sit proud. A flush inset installation requires the drawer collar and front panel be recessed to be flush with surrounding cabinetry.

Custom front panel flush inset depth is dependent on the panel thickness. Add 1/4" (6) to the panel thickness to determine the flush inset cleat depth.

A minimum 1/8" (3) reveal is required on all sides.

Front View

Group 1

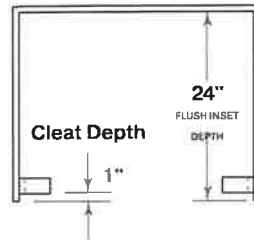
SECTION A



Top View

Group 1

SECTION A

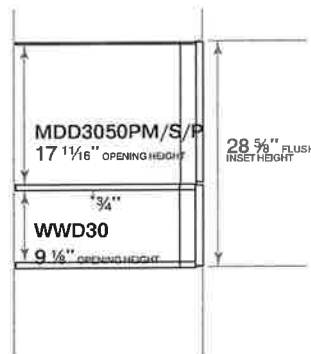


Add 1/4" (6) to the panel thickness to determine the flush inset cleat depth.

Side View

Group 1

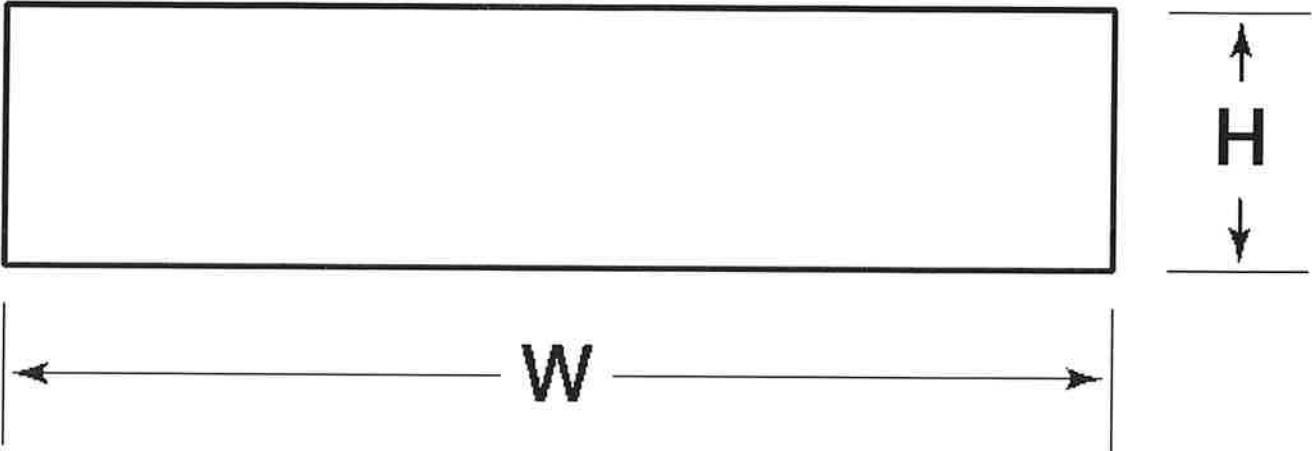
SECTION A



per Justin: 8/24/26
3/4" Top Rail = min
28 1/4" largest opening

WWD30 Panel Specifications

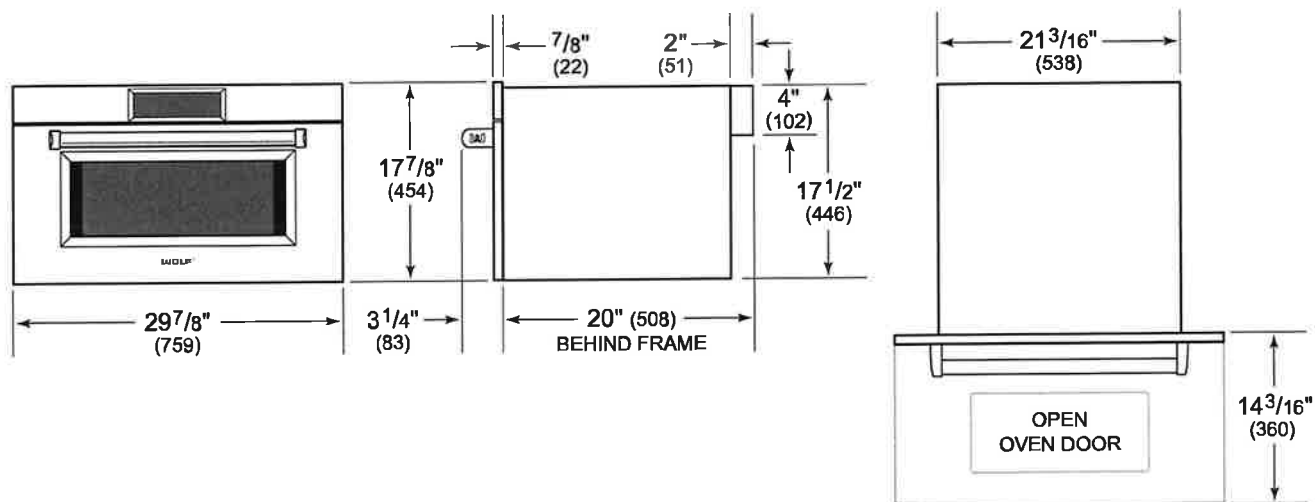
Group 1



PANEL	WIDTH	HEIGHT	MIN THICKNESS	MAX WEIGHT
Drawer	29 7/8"	10 3/8"	5/8"	--

MDD3050PM/S/P Overall Dimensions

Group 1



MDD3050PM/S/P Electrical

Group 1

E

ELECTRICAL
SUPPLY WITHIN OPENING
OR IN ADJACENT CABINET
WITHIN REACH OF
POWER CORD

E

Electrical Supply

grounded, 120 VAC, 60 Hz

Electrical Service

15 amp dedicated circuit

Power Cord Length

4 Feet

Receptacle

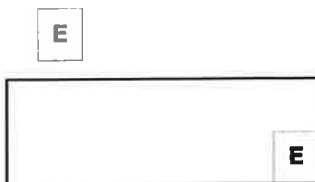
3-prong grounding-type

**WARNING**

Installation must comply with all applicable electrical codes.

WWD30 Electrical

Group 1



ELECTRICAL SUPPLY WITHIN
OPENING OR IN ADJACENT
CABINET WITHIN REACH OF
POWER CORD

Electrical Supply grounded, 120 VAC, 60 Hz

Electrical Service 15 amp dedicated circuit

Power Cord Length 3 Feet

Receptacle 3-prong grounding-type

**WARNING**

Installation must comply with all applicable electrical codes.

For ease of installation, the electrical supply can be placed in an adjacent cabinet within reach of the power cord. A ground fault circuit interrupter (GFCI) is required for model WWD30O to reduce the risk of electrical shock. Installation must comply with all applicable electrical codes.