

Dimension Express Booklet

Prepared On: 8/20/2013

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DESCRIPTION	GAS 30" AND 36" WIDE COOKTOPS	
	RVGC330-5B	RVGC336-5B
Overall Width	30 3/4" (78.1 cm)	36 3/4" (93.3 cm)
Overall Height	4 3/8" (13.7 cm)	
Overall Depth	21" (53.3 cm)	
Cutout Width	29 1/4" (74.3 cm) minimum 29 7/8" (75.9 cm) maximum	35 1/4" (89.5 cm) minimum 35 7/8" (91.1 cm) maximum
Cutout Height	3 1/8" (7.9 cm)	
Cutout Depth	20" (50.8 cm) minimum; 20 1/4" (51.4 cm) maximum	
Gas Requirements	Ships Natural or LP/Propane; Field convert with conversion kit (purchased separately); accepts standard residential 1/2" (1.3 cm) ID gas service line.	
Electrical Requirements	120VAC/60Hz; 4 ft. (121.9 cm), 3-wire cord with grounded 3-prong plug attached to product	
Maximum Amp Usage	2.0 amps	
Surface Burner Rating	Left Front – 9,100 BTU Left Rear – 9,100 BTU Center – 17,000 BTU Right Front – 12,000 BTU Right Rear – 5,000 BTU	Left Front – 9,100 BTU Left Rear – 9,100 BTU Center – 17,000 BTU Right Front – 12,000 BTU Right Rear – 5,000 BTU
Approximate Shipping Weight	49 lb. (22.0 kg)	74 lb. (33.3 kg)



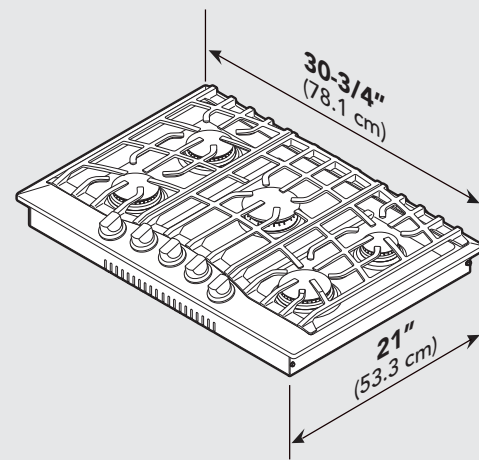
Viking Range, LLC | 1-888-845-4641 or 662-455-1200

For detailed product information, model numbers, or to request a quote visit vikingrange.com

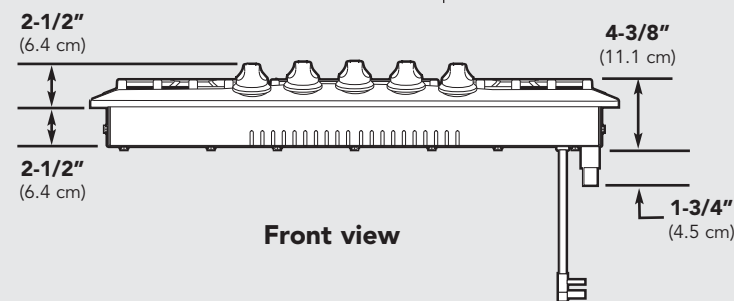
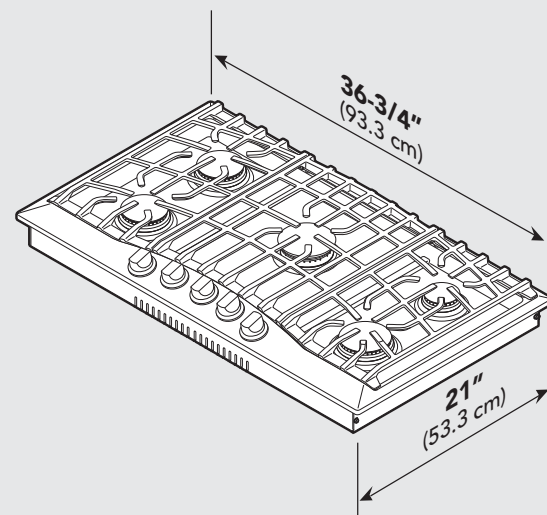
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Dimensions

30" Gas Cooktop



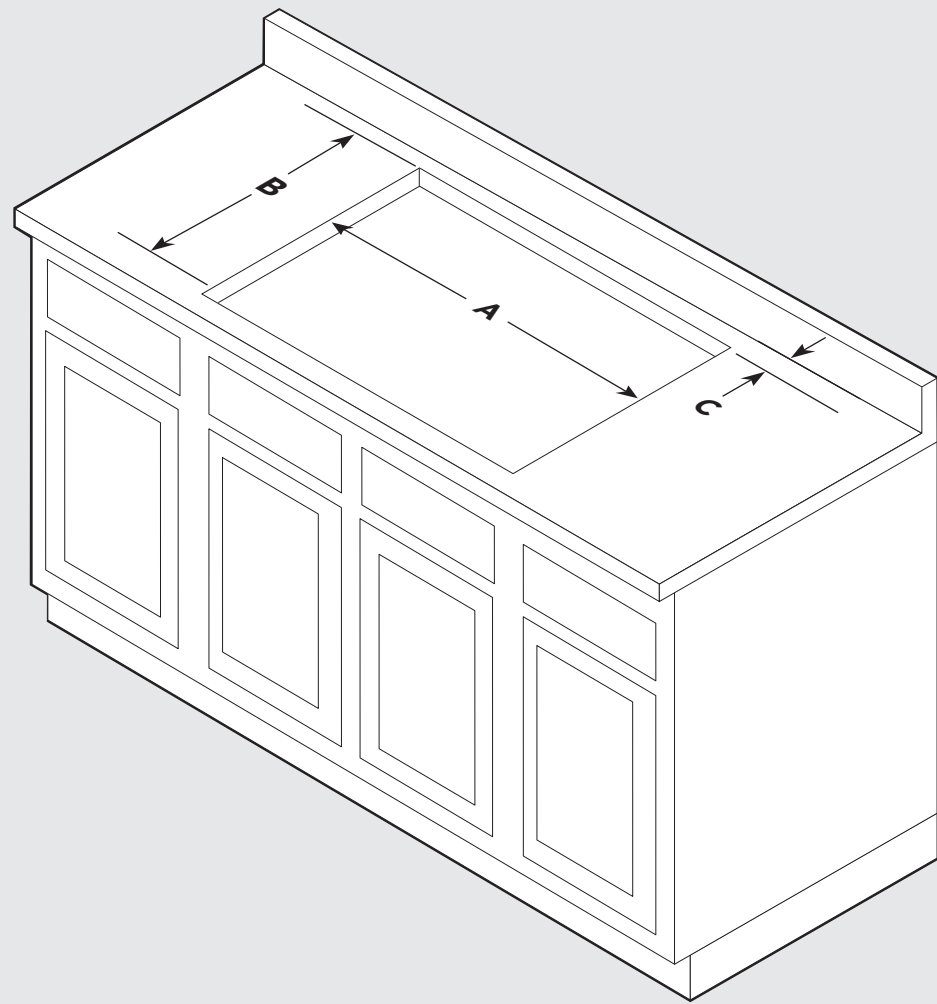
36" Gas Cooktop



Specifications

Gas Cooktops		
Description	30" W. Model	36" W. Model
Overall width	30-3/4" (78.1 cm)	36-3/4" (93.3 cm)
Overall height from bottom to top of grate	4-3/8" (11.1 cm)	
Overall depth from rear	21" (53.3 cm)	
Cutout width	29-1/4" (74.3 cm) min. to 29-7/8" (75.9 cm) max.	35-1/4" (89.5 cm) min. to 35-7/8" (91.1 cm) max.
Cutout height	3" (7.6 cm) min. burner box only, 5" (12.7 cm) min. for gas outlet not including regulator	
Cutout depth	20" (50.8 cm) min. to 20-1/4" (51.4 cm) max.	
Gas requirements	Shipped Natural or LP/Propane, field convert with conversion kit (sold separately); accepts standard residential 1/2" (1.3 cm) ID gas service line.	
Electrical requirements	115 V 50/60 Hz; 4 ft. (121.9 cm), 3-wire cord with grounded 3-prong plug attached to product.	
Maximum amp usage	1.0 amps	
Surface burner rating		
Left front	9,100 Nat./9,000 LP (BTU) (2.7 Nat./2.6 LP (kw))	
Left rear	9,100 Nat./9,000 LP (BTU) (2.7 Nat./2.6 LP (kw))	
Center	17,000 Nat./15,000 LP (BTU) (5.0 Nat./4.4 LP (kw))	
Right front	5,000 Nat./5,000 LP (BTU) (1.5 Nat./1.5 LP (kw))	
Right rear	12,000 Nat./10,000 LP (BTU) (3.5 Nat./2.9 LP (kw))	
Approximate shipping weight	49 lb. (22.0 kg)	74 lb. (33.3 kg)

Cutout Dimensions

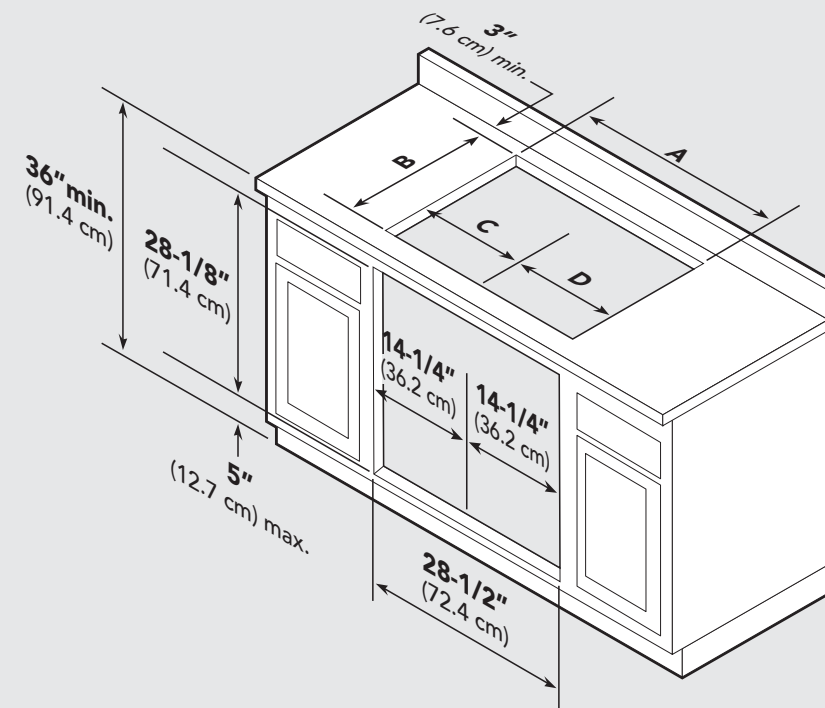


	30" W. Model	36" W. Model
A	29-1/4" (74.3 cm) min. to 29-7/8" (75.9 cm) max.	35-1/4" (89.5 cm) min. to 35-7/8" (91.1 cm) max.
B	20" (50.8 cm) min. to 20-1/4" (51.4 cm) max.	
C	2-1/2" (6.4 cm) min.	

Note: Based on 24" deep cabinet with 3/4" backsplash.

If countertop is less than 1-1/2" (3.8 cm) thick, a filler block will have to be used for bolt to push against.

Cutout Dimensions (RVGC Cooktop over Single Electric Oven)

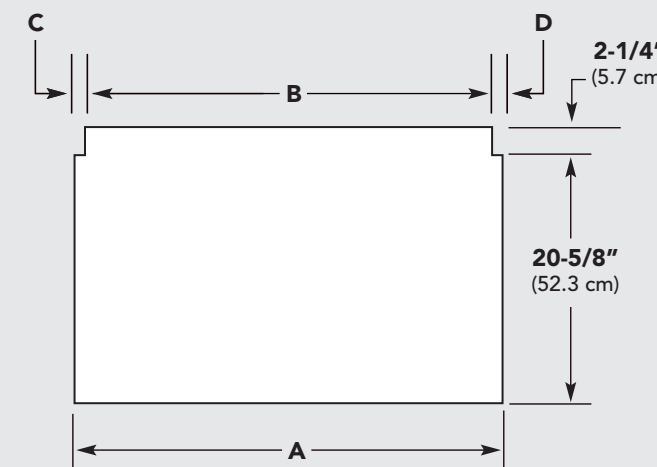


30" W. Model	
A	29-1/4" (74.3 cm) min. to 29-7/8" (75.9 cm) max.
B	20" (50.8 cm) min. to 20-1/4" (51.4 cm) max.
C	14-3/4" (37.4 cm)
D	14-3/4" (37.4 cm)

30"W. Cooktop over 30"W. Electric Oven

Note: Refer to the oven installation instructions for undercounter dimensions. Installation will require an elbow to be installed off of the regulator.

Downdraft Dimensions



	30" W. Model	36" W. Model
A	29-1/8" (74.0 cm)	34-7/8" (88.6 cm)
B	27" (68.6 cm)	33" (84.0 cm)
C	1-1/16" (1.1 cm)	15/16" (1.0 cm)
D	1-1/16" (2.7 cm)	15/16" (1.0 cm)

Note: Refer to the downdraft installation instructions.

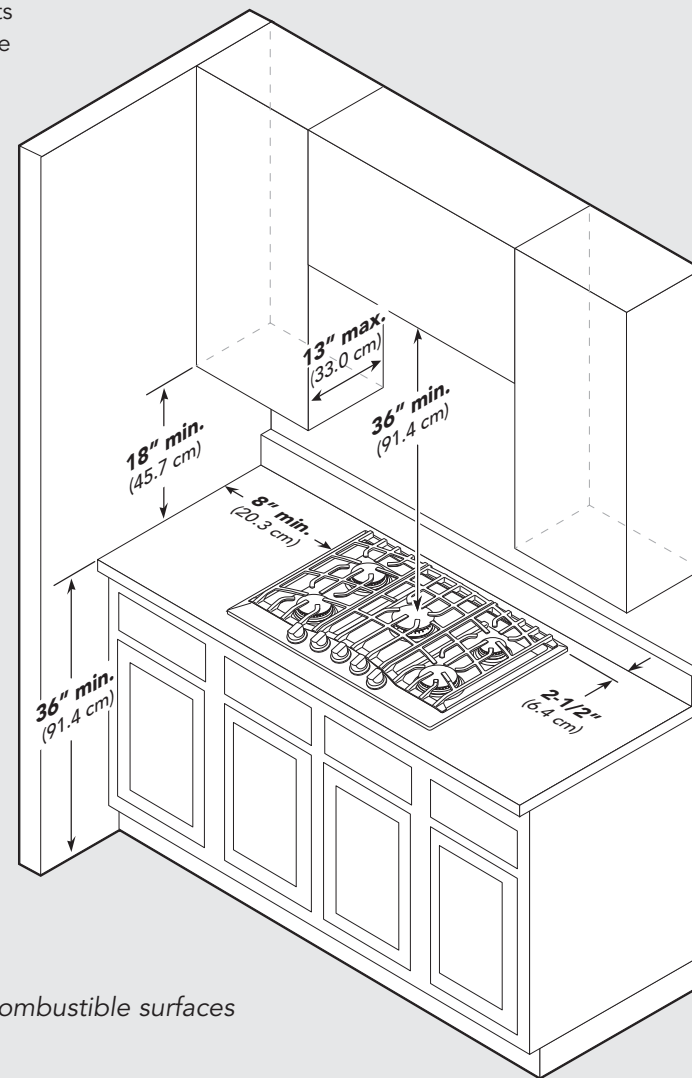
Clearance Dimensions (Proximity to Cabinets)

Proximity to Side Cabinet Installation

- The cooktop may be installed directly to existing base cabinets.
- The cooktop **CANNOT** be installed directly adjacent to sidewalls, tall cabinets, tall appliances, or other side vertical surfaces above the 36" (91.4 cm) high. There must be a minimum of 8" (20.3 cm) side clearance from the cooktop to such combustible surfaces above the 36" (91.4 cm) counter height.
- Within the 8" (20.3 cm) side clearance to combustible vertical surfaces above 36" (91.4 cm), the maximum wall cabinet depth must be 13" (33.0 cm) and wall cabinets within this 8" (20.3 cm) side clearance must be 18" (45.7 cm) above the 36" (91.4 cm) high countertop.
- Wall cabinet above the cooktop must be a minimum of 36" (91.4 cm) above the countertop for a full width of the cooktop. This minimum height requirement does not apply if a rangehood is installed over the cooking surface.
- A 120 volt wall receptacle should be located approximately 6" (15.2 cm) below the countertop cutout and 12" (30.5 cm) from the right side of the cutout.

Minimum Clearances from Adjacent Combustible Construction

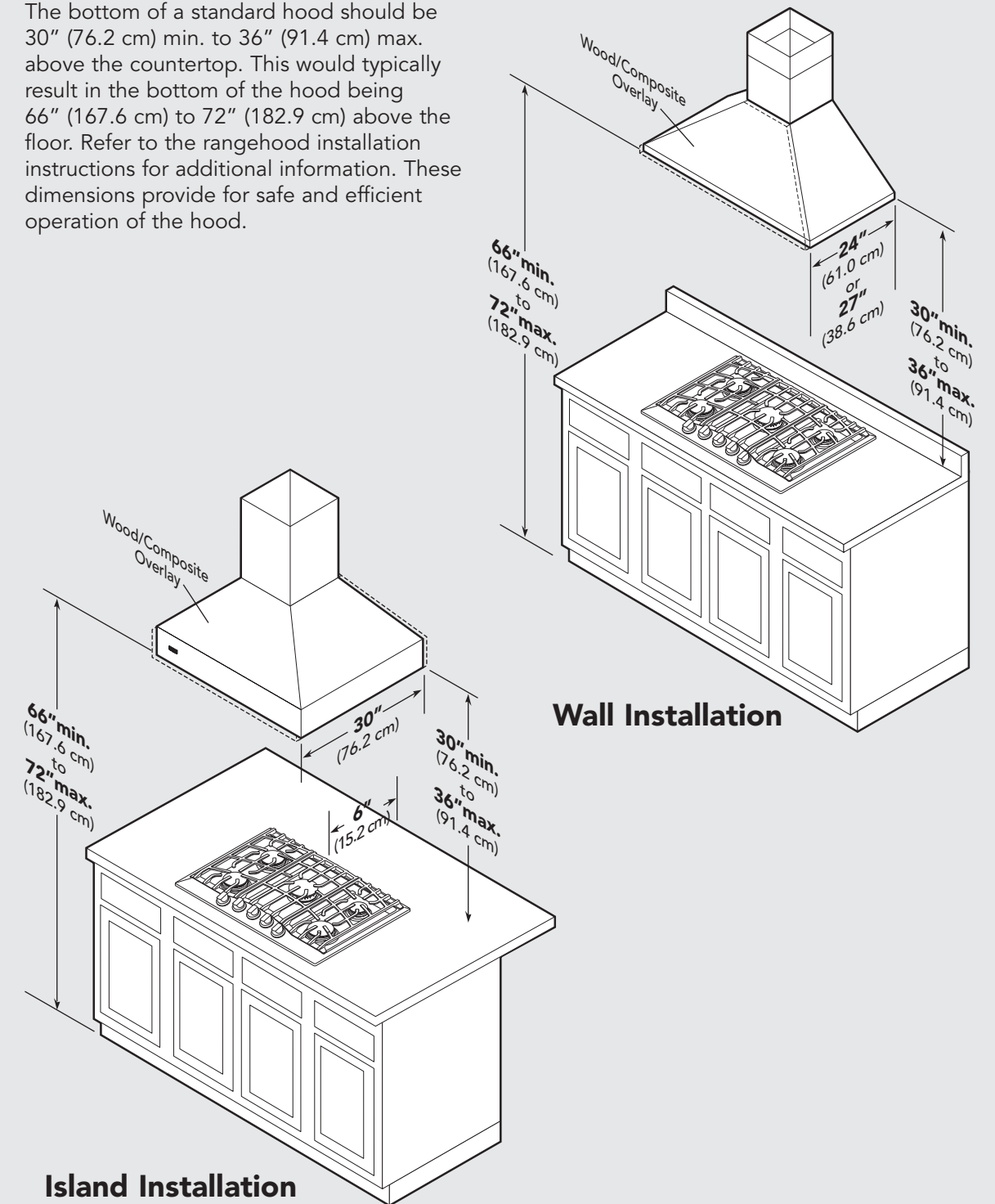
- Above countertop 36" (91.4 cm) minimum
- Side 8" (20.3 cm)
- Rear 2-1/2" (6.4 cm) min.
- Within 6" side clearance. Wall cabinets no deeper than 13" (33.0 cm)
- Must be minimum 18" (45.7 cm) above countertop
- Wall cabinets directly above the product must be minimum 36" (91.4 cm) above the countertop



Note: Dimensions shown are for use with combustible surfaces unless otherwise stated.

Clearance Dimensions (Wood/Composite Overlay)

The bottom of a standard hood should be 30" (76.2 cm) min. to 36" (91.4 cm) max. above the countertop. This would typically result in the bottom of the hood being 66" (167.6 cm) to 72" (182.9 cm) above the floor. Refer to the rangehood installation instructions for additional information. These dimensions provide for safe and efficient operation of the hood.



Electrical & Gas Requirements

Electrical Requirements

There is no connection necessary beyond plugging the unit into a polarized, grounded, 120 volt, 60 Hz, 15 amp circuit. A minimum of 120VAC is required for proper operation of gas ignition systems. **DO NOT** use a GFI circuit. This circuit, however, **MUST** be grounded and properly polarized. The unit is equipped with 16-3 SPT2 power cord.

Note: If electrical power is not supplied or is interrupted, the open top burners will have to be lit manually with a match.

Gas Connection

The gas supply (service) line must be the same size or greater than the inlet line of the appliance. All cooktops use a 1/2" (1.3 cm) I.D. NPT (Sch40) inlet. Sealant on all pipe joints must be resistive to LP/Propane gas.

These cooktops are designed specifically for natural gas. An (LP) gas conversion kit must be purchased separately. Before beginning installation verify that the model is compatible with the intended gas supply.

IMPORTANT: Any conversion required must be performed by a qualified licensed plumber or gas service company. The proper conversion kit must be ordered from your authorized service agency or dealer.

Manual shut-off valve:

- The installer-supplied valve must be installed in the gas service line ahead of the appliance and regulator in the gas stream and in a position where it can be reached quickly in the event of an emergency.

In Massachusetts: A "T" handle type manual gas valve must be installed in gas supply line to the appliance.

Pressure regulator:

- All heavy-duty, commercial-type cooking equipment must have a pressure regulator on the incoming service line for safe and efficient operation, since service pressure may fluctuate with local demand. The regulator supplied with the cooktops must be installed before any gas connections are made.
- Manifold pressure should be checked with a manometer; natural gas requires 5.0" WCP and LP/Propane requires 10.0" WCP. Incoming line pressure upstream for the regulator must be 1" WCP higher than the manifold pressure in order to check the regulator. The regulator used on this cooktop can withstand a maximum input pressure of 1/2 PSI (14.0" WCP). **If the line pressure is in excess of that amount, a stepdown regulator will be required.**
- The appliance must be disconnected from the gas supply piping system during any pressure testing of that system.

Electrical & Gas Requirements

Rigid Connections:

- Incoming gas is brought from an intake pipe (not supplied) at the rear of the unit to the pressure regulator; then to the manifold pipe for distribution. The only connection necessary is from the service supply, through the shut-off valve (not supplied), to this intake pipe (not supplied) to the regulator supplied, but not connected through the cooktop.

In Massachusetts: This appliance must be installed with a 36" (3-foot) long flexible gas connector.

⚠ CAUTION

Before placing the cooktop into operation, always check for gas leaks with a soapy water solution or other acceptable method. **DO NOT USE AN OPEN FLAME TO CHECK FOR LEAKS.**

LP/Propane Conversion

The RVGC models are field convertible to LP/Propane gas. The orifice spuds and regulator must be physically changed. See conversion kit and instructions which must be purchased separately. Gas conversions and initial installation adjustments are not the responsibility of the manufacturer.

Initial Ignition of Burners

All cooktops are tested before leaving the factory. Field adjustments may be necessary for proper mixture of gas and air for proper operation. When the cooktop is connected to gas and electrical service, it should be adjusted by a qualified technician. If it is not, contact your dealer for the name of their authorized service agency in your area.

Proper Lighting and Shutdown Instructions

1. To ignite the surface burners, turn the knob counter clockwise to any position.
2. Upon ignition of the surface burner, turn the knob to the desired position, (HI, Med, or Low).
3. To shutdown the burner, turn knob clockwise to the OFF position.
4. In case of failure, shut the gas OFF using the installer supplied manual shut-off valve.

General Information

⚠ CAUTION

BURN HAZARD

The use of cabinets for storage above the appliance may result in a potential burn hazard. Combustible items may ignite, metallic items may become hot and cause burns. If a cabinet storage is to be provided the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.

⚠ WARNING

This appliance shall not be used for space heating. This information is based on safety considerations.

- All openings in the wall behind the appliance and in the floor under the appliance shall be sealed.
- Keep appliance area clear and free from combustible materials, gasoline, and other flammable vapors.
- **DO NOT** obstruct the flow of combustion and ventilation air.
- Disconnect the electrical supply to the appliance before servicing.

When removing cooktop for cleaning and/or service:

- Shut off gas at main supply
- Disconnect AC power supply
- Disconnect gas line to the inlet pipe.
- Lift appliance out of cabinet cutout.

Electrical Requirement

Normal grounded household current, 120 volts, 60 Hz, 15 amps, single phase. Electrical installation should comply with national and local codes.

Air Supply and Ventilation

Means must be provided for any heavy-duty cooking appliance to exhaust combustion waste product to the outside of the building. It is recommended that the cooktop be set under a powered, vented exhaust hood, or non-vented recirculating hood. Nothing should obstruct the flow of combustion and ventilation air.

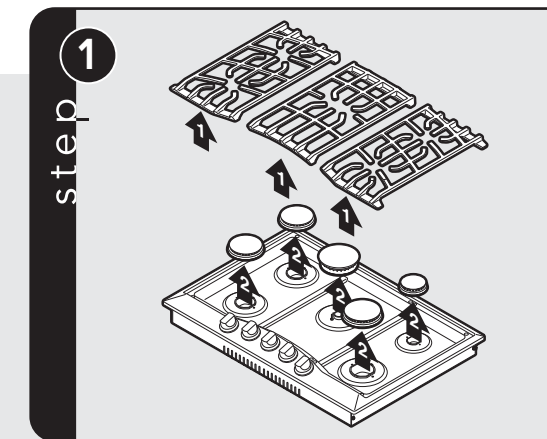
Gas Manifold Pressure

Natural gas – 5.0" W.C.P.
LP/Propane – 10.0" W.C.P.

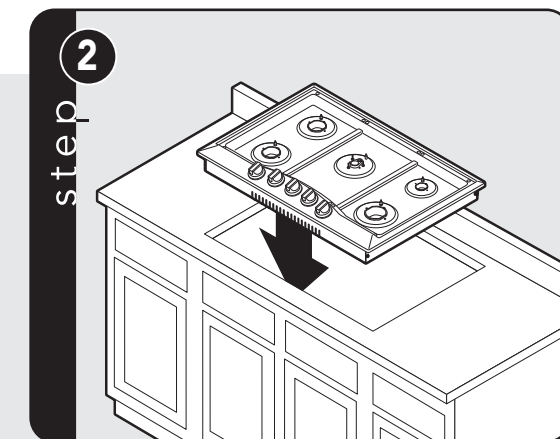
Flexible Connections

If the unit is to be installed with flexible couplings and/or quick disconnect fittings, the installer must use a flexible connector of at least 1/2" I.D. (1.3 cm) NPT with suitable strain reliefs and comply with ANSI Z21.41 and Z21.69 standards.

Installation

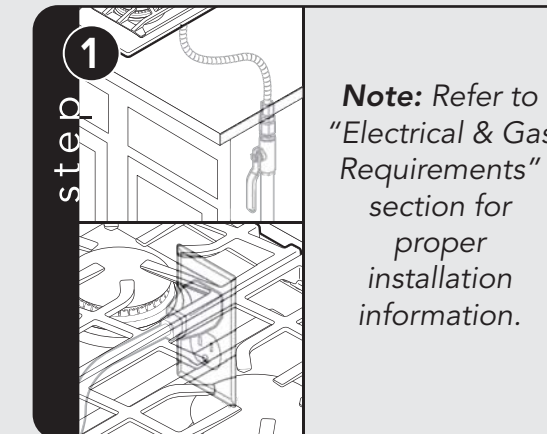


Remove the grates and burner caps.



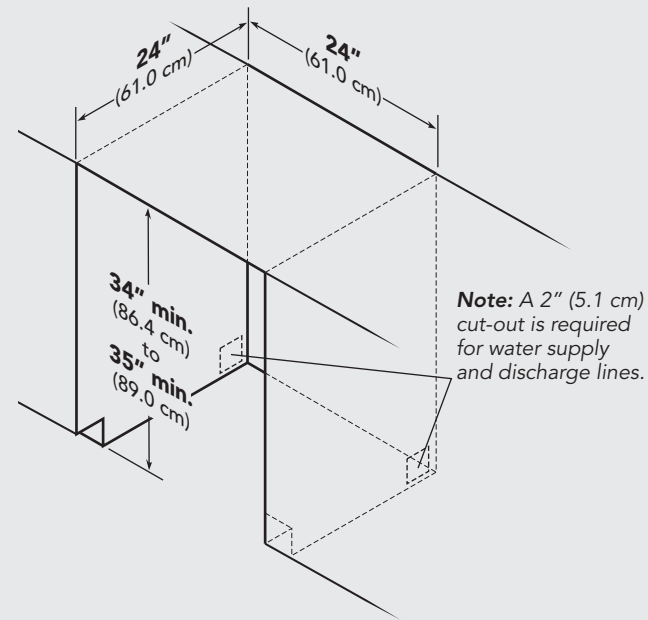
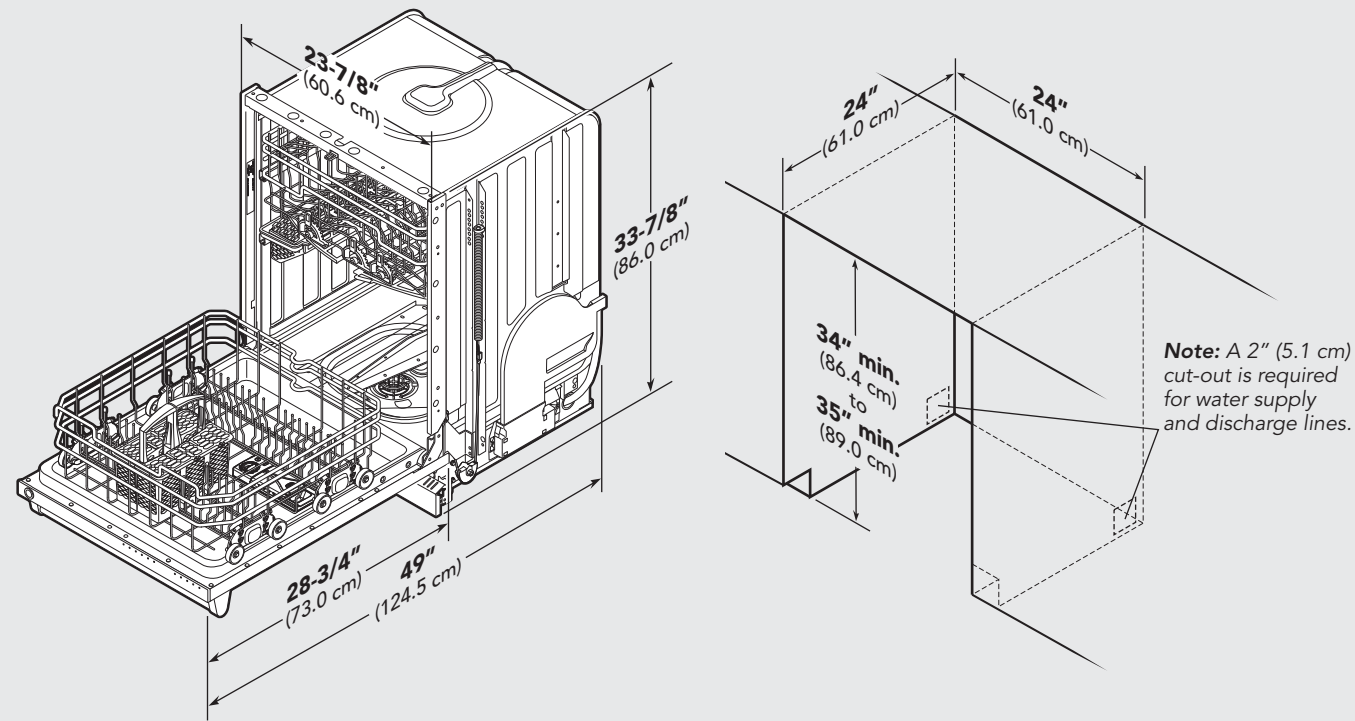
Turn the cooktop over and place into countertop opening.

Gas & Electrical Connection

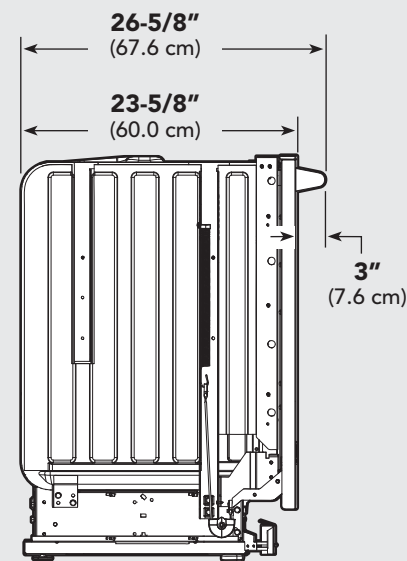


Note: Refer to "Electrical & Gas Requirements" section for proper installation information.

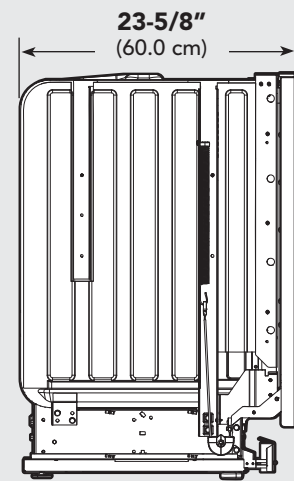
Dimensions & Cutout Dimensions



Professional



Custom Panel

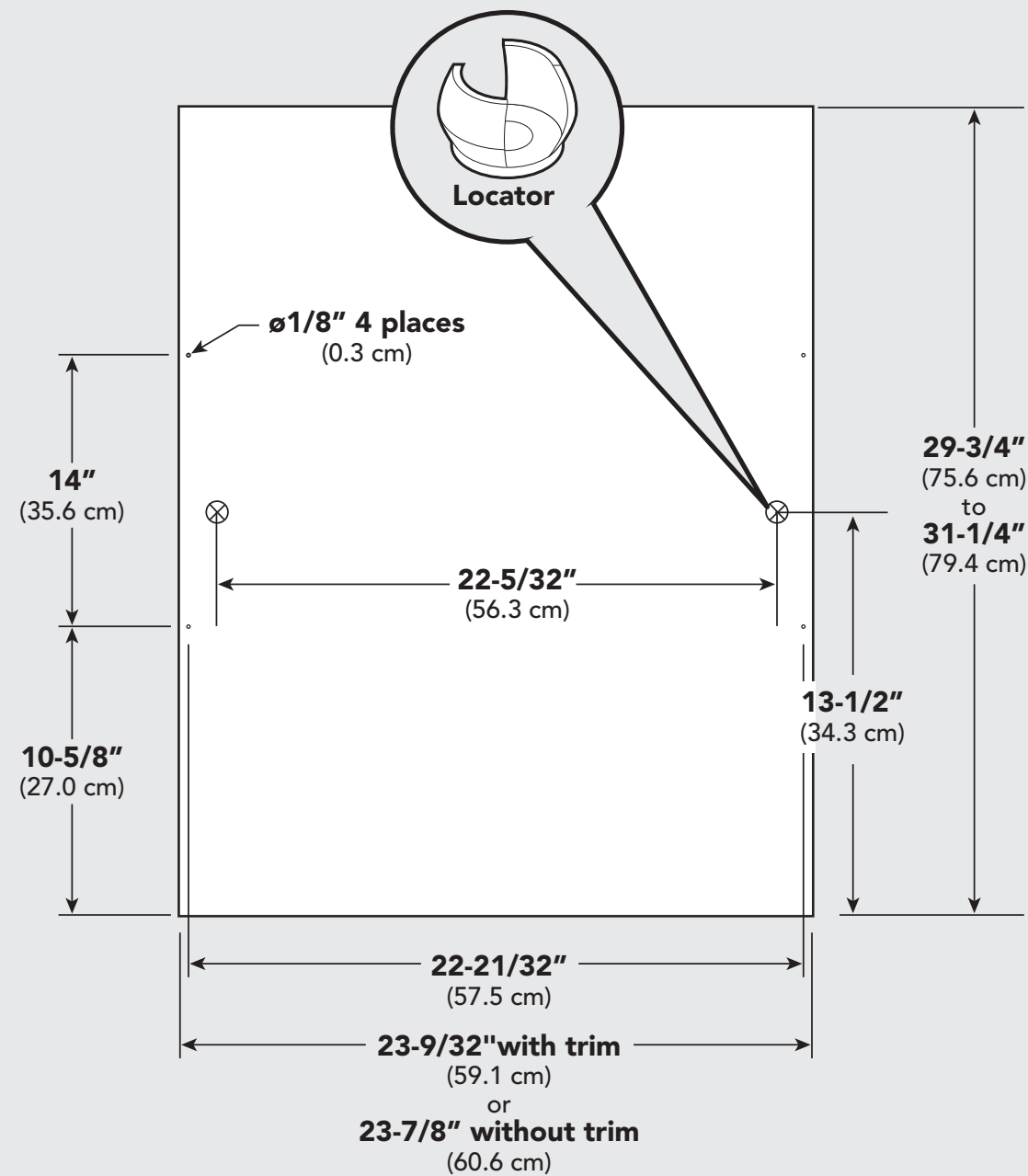


Specifications

Built-In Dishwasher			
Description	201 Models	301 Models	451 Models
Overall width	23-7/8" (60.6 cm)		
Overall height from floor	33-7/8" (86.0 cm) min. to 35" (89.0 cm) max.		
Overall depth from rear	To edge of side – 23-5/8" (60.0 cm) – includes door panel With door open – 49" (124.5 cm)		
Cutout width	24" (61.0 cm)		
Cutout height	34" (86.4 cm) min. to 35" (89.0 cm) max.		
Cutout depth	24" (61.0 cm)		
Electrical requirements	15.0 amps, 120VAC/60 Hz; 3'9" (1.1 m) electrical cord 3 prong plug supplied with unit.		
Water-heating element rating	1200 watts		
Inlet water temperature	120°F (49°C) required	120°F (49°C) required	120°F (49°C) recommended; Dishwasher will perform properly with cold water. Note: Cycle times will vary.
Inlet water pressure operating range	10 to 125 psi (0.69 to 8.62 bar)		
Inlet water hose	5' (1.5 m) braided stainless steel water line with 3/8" (0.95 cm) compression fitting connected to dishwasher		
Drain hose	7' (2.13 m) 1/2" (1.3 cm) ID "crimp-proof" flexible drain hose attached to dishwasher, connections provided for 5/8" (1.6 cm), 3/4" (1.9 cm) or 1" (2.5 cm), cut as required		
Drain hose high loop required	Height from floor – 20" (51.0 cm) min.		
Approximate shipping weight	147 lbs. (66.7 kg)	152 lbs. (68.9 kg)	157 lbs. (71.2 kg)

Custom Door Panel

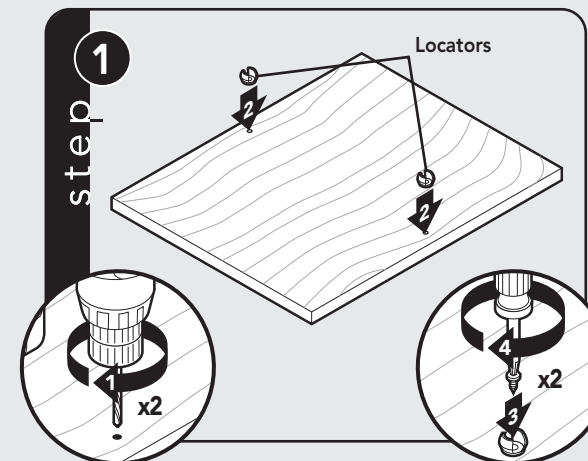
(Specifications for FDB301/FDB451 Models)



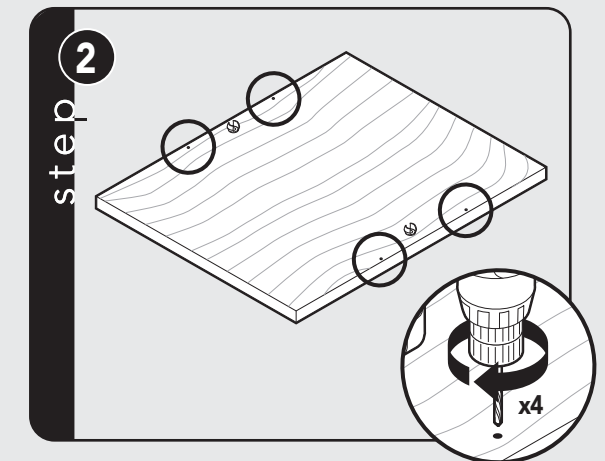
Note: Back side of panel shown. Use caution not to drill through front of panel.
Note: If panels are made longer than 29-3/4" (75.6 cm), the door panel will be taller than dishwasher control panel.
Note: All hole location dimensions should be measured from the bottom of the door per the illustration above.

Custom Door Panel (Installation Option)

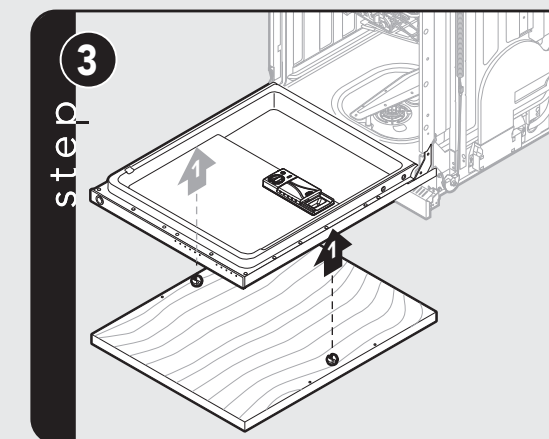
Have the overlay panel constructed per dimensions. The panel thickness **MAY NOT** exceed 3/4" (1.91 cm) for flush installation in most cabinets. Ensure that the design, construction, and installation of the panel overlay and its handle mounting is sufficient to reliably operate in this application with a maximum panel weight of 18 lbs. (8.2 kg.) Custom panels should not exceed 18 lbs. (8.2 kg.)



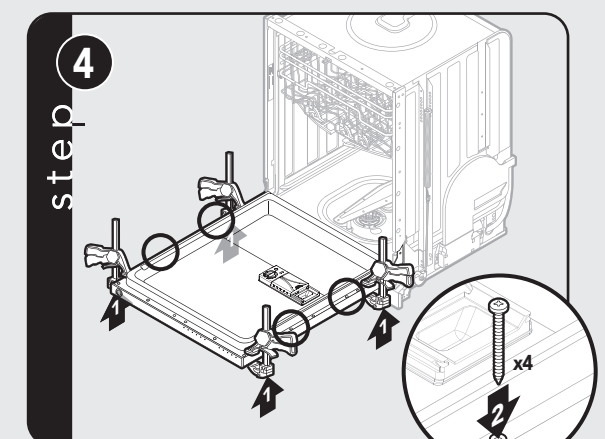
Pre-drill two holes with 1/8" drill bit for the locators using dimensions shown in the figure. Attach plastic locators using the Torx (T20 BIT) pan head screws provided in the hardware package.



Pre-drill other four locations for wood screws to attach the panel to the dishwasher door using the dimensions shown in the figure.



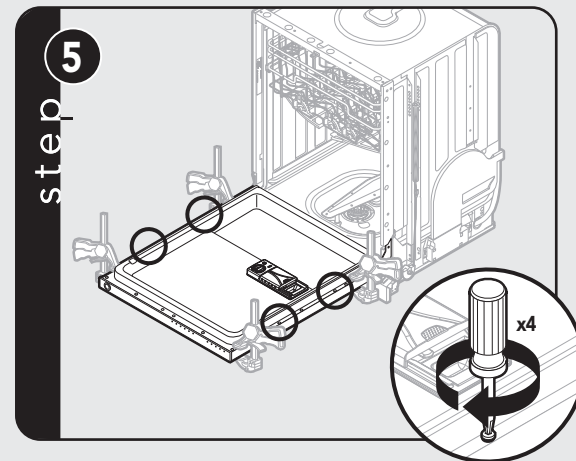
Use locators to align the panel to the dishwasher door holes.



Use non-marring clamps to hold custom panel in place. Use the truss head 1-3/4" long screws provided in the hardware package for the panel attachment.

Note: If you are using any special panel material and that require special screws, always use a #8 1-3/4" long truss head Torx stainless steel screws. The screws **MUST BE** stainless steel to avoid corrosion.

Custom Door Panel (Installation Option, cont.)



Carefully tighten each screw to secure the overlay and check to ensure that the overlay is square with the dishwasher door and cabinet opening and that the panel doesn't interfere with the operation of the dishwasher.

Verify operation of the door counter balance springs after installation of the overlay panel. The additional weight of the overlay panel might require an adjustment to the preload of the counterbalance springs. If adjustment of the springs is required, please refer to the "Counter Balance Spring" section.

General Information

- Read these instructions carefully and completely before installing the dishwasher. The installation should be carried out by a qualified installer, who is familiar with all local codes and ordinances for electrical and plumbing connections. If the dishwasher is being installed for the first time, most of the work has to be done before you move it into place. If you are replacing an old dishwasher, you must check the old connections.
- Electrical requirements are listed in the "Specifications" section.

- For service convenience, a shut-off valve (not supplied) should be installed in the supply line in a readily accessible location (such as beneath the sink).
- **It is recommended that the dishwasher be connected to a hot water supply.** Only the 451 model can be connected to the cold water supply. Cycle times will increase.
- It is important that the water supply line and the shut-off valve have a sufficient flow volume. Flush the supply line prior to connecting it to the intake line of the dishwasher.
- Make sure the connection is sealed and not leaking before completing the installation.

Site Preparation

Note: It is recommended that a thorough site inspection be conducted *PRIOR* to unpacking and moving this appliance.

- **After determining where the water supply line will connect to the dishwasher, provide a 2" (5.1 cm) access hole and run the line to the approximate fill valve location. Sealing access area once lines are in place is recommended.**
- Confirm available access to adequate power.

Drain

- The access hole for the drain line should be 2" square (5.1 cm). Locate as low and as near to the back wall as possible.
- **DO NOT** use any fittings anywhere in the drain line that are less than 1/2" (1.3 cm) ID.
- If the drain line is going to be connected to a food waste disposer, be sure to remove the knockout or plug from the fitting before connecting drain line.
- Drain connection should be a minimum of 9" (22.9cm) from the floor. If connection is lower, siphoning during cycle can occur.

Water Supply

⚠ WARNING

Plumbing connections must comply with applicable sanitary, safety, and plumbing codes.

- Water pressure for the water supply should be a minimum of 10 to 125 psi. The dishwasher is supplied with a 5' (1.5 m) braided stainless steel water line with 3/8" (0.95 cm) compression fitting connected to dishwasher.
- After determining where the water supply line will connect to the dishwasher, provide a 2" (5.1 cm) access hole and run the water supply line to the approximate fill valve location.

⚠ CAUTION

The dishwasher has a factory installed backflow preventer. Do Not add an additional check valve.

Note: The end of the drain hose is 1" (2.5 cm), but is adjustable to 3/4" (1.9 cm) or 5/8" (1.6 cm). If the drain connection is smaller than 1" (2.5 cm), the hose can be cut to fit the connection.

Note: Be sure to run the drain line through the hole to the sink compartment before moving the dishwasher into place.

Electrical Connections

Grounding Instructions

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING
 Disconnect the electrical power supply and place a tag at the disconnect switch indicating that you are working on the circuit.

Grounding Instructions if Hardwired:

This appliance must be connected to a grounded metal, permanent wiring system; or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment – grounding terminal or lead on the appliance.

- For a cord connected undercounter dishwasher:
 - The power supply receptacle for the appliance should be installed in a cabinet or on a wall adjacent to the under counter space in which the appliance is to be installed;
 - There should be an opening through the partition between the compartments mentioned in Item (1), that is large enough for the attachment plug to pass through. The longest dimension of the opening shall not be more than 1-1/2" (38 mm).
 - The edges of the opening mentioned in Item (2) should, if the partition is wood, be smooth and rounded or, if the partition is metal, be covered with the grommet provided for this purpose by the manufacturer; and

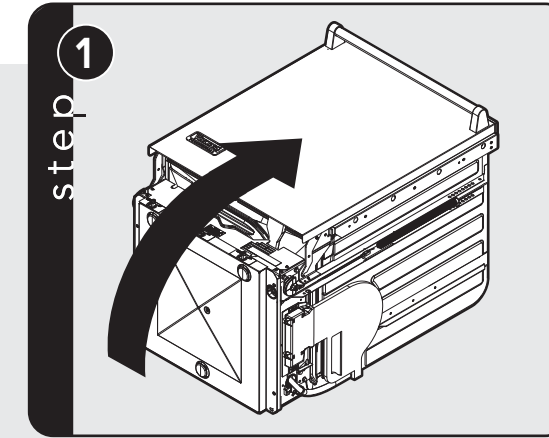
4. Care should be exercised, when the appliance is installed or removed to reduce the likelihood of damage to the power supply cord.

- The dishwasher comes with a 3'9" (1.1 m) electrical cord for 110-120 volts, 15/20 amp supply. This cord should be plugged into the 110-120 volt outlet located under the sink.
 - If the cord is not long enough or if a hard wire installation is needed, follow the instructions in the "Hardwire" section.
- Note:** Access holes should be 2" square (5.1 cm) with no sharp edges.
- In a hardwire installation, use only copper supply conductors. The conductors should have a minimum temperature rating of 194° F (90° C).

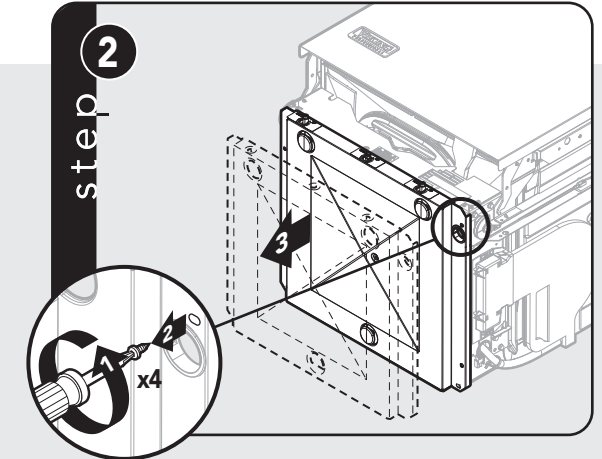
⚠ WARNING
 Be sure electrical power is turned off at circuit breaker or fuse box before servicing or installing unit. Do not use an extension cord for this appliance.

⚠ WARNING
 Improper connection of the equipment – grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

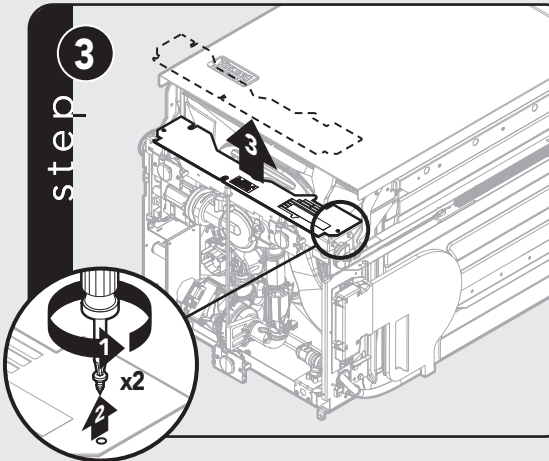
Hardwire Conduit Option (201 & 301 Models)



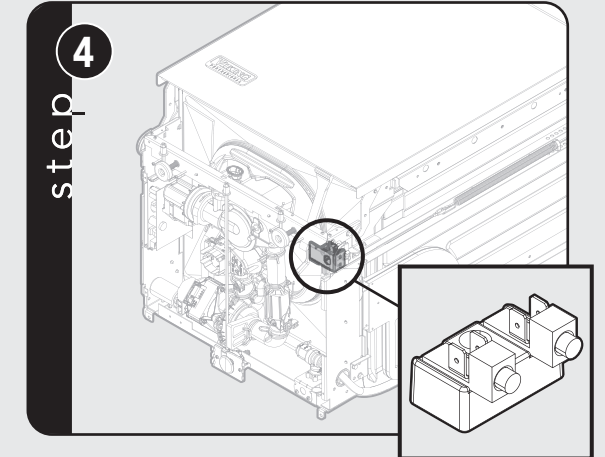
Remove any loose items in the dishwasher and carefully lay the dishwasher on its back. **Note:** Be careful not to pinch hoses or power cord beneath dishwasher.



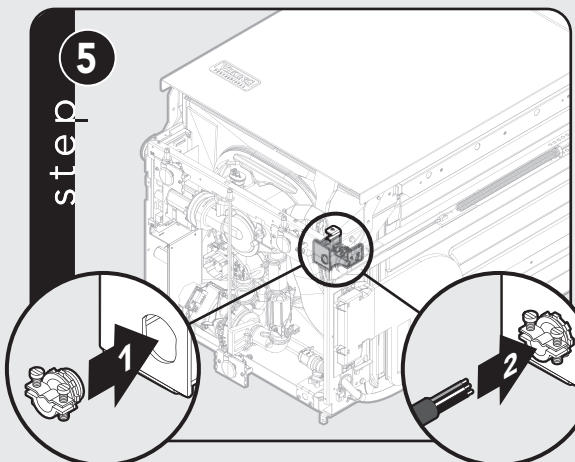
Remove bottom pan. **Note:** Rapid removal of the bottom pan will cause damage to the moisture sensor. For installation and servicing, slowly pull the bottom pan from the unit and disconnect the wire from the moisture sensor, which is located in the center of the pan.



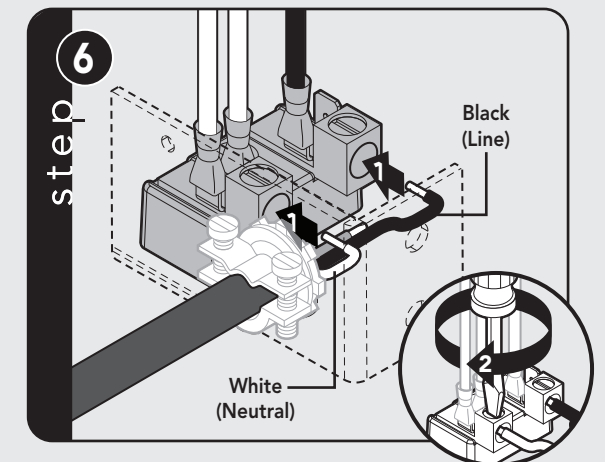
Remove front plate.



Remove factory installed power cable from terminal block.



Attach UL approved 3/4" strain relief (not included) to bottom of terminal box. Run wires through strain relief.



Connect wires to terminal block.



REFRIGERATION

Quiet Cool™ Built-In 30" W. All Freezer



Standard Features & Accessories

All models include

- Capacity—15.9 cu. ft. (450 L)
 - 84"H./24"D.
- ProChill™ Temperature Management System
 - Variable-speed DC Overdrive™ Compressor is one of the quietest, most technologically advanced compressors available
 - Electronic controls with digital temperature readouts
 - Multi-channel airflow system and Odor Eliminator™ Evaporator removes odors and excess humidity
- Six adjustable half-width wire shelves
- One full-width metal shelf
- Two full-width slide-out wire baskets with tempered glass fronts
- Factory-installed automatic ice maker
- One full-width ice storage drawer with two separate metal ice bins
- Full-extension precision ball-bearing glides on all baskets and drawers
- Three patented adjustable aluminum door bins with tempered glass fronts
- Adaptive defrost
- All-metal freezer interior
- Super Clog-Resistant™ Condenser is maintenance-free under normal use
- Tru-Flush™ design allows all models to fit flush into 24" deep installation cutout
- Open door alarm sounds and glows to warn that door has been ajar for three minutes
- Adjustable door stops standard—90°, 110°, or 120° swing
- Sabbath Mode
- For installation of two units side-by-side, a separate grille kit accessory must be purchased
- Must be ordered right or left hinge. (As you face unit, RIGHT has hinge on right side and handle on left side; LEFT has hinge on left side and handle on right side.)

Model Options



VCFB5301
Professional

- FINISH DETAILS FOR VCFB MODEL**
- Stainless Steel (SS), Black (BK), White (WH), Apple Red (AR), Biscuit (BT), Burgundy (BU), Chocolate (CH), Cinnamon (CN), Cobalt Blue (CB), Cotton White (CW), Dijon (DJ), Graphite Gray (GG), Iridescent Blue (IB), Kettle Black (KB), Lemonade (LE), Mint Julep (MJ), Plum (PL), Racing Red (RR), Sage (SA), Sea Glass (SE), Stone Gray (SG), Taupe (TP), Viking Blue (VB), Wasabi (WS).
 - Finish codes designate door front. Stainless steel upper grille, side trim, and handle (with chrome-plated brackets); black lower kickplate.
 - Brass Accent Option (BR)—nameplate and handle endcaps. Brass components have a durable protective coating for maintenance-free normal use.



FDFB5301
Custom Panel

- FINISH DETAILS FOR FDFB MODEL**
- Handle not included—opt for custom handle, or purchase a Viking Professional Series handle kit (see **Installation Notes & Accessories**).
 - See **Custom Panels** section for more information and additional specifications.

ORDERING INSTRUCTIONS

First specify model number, followed by hinge preference ("R" for right or "L" for left), and then color code (VCFB5301**RSS**). If ordering optional brass accent, specify code at end (VCFB5301**RSSBR**).





REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



★ Please see Installation Notes & Accessories for important information, including panel, grille, trim, and handle kits.



ALL MODELS

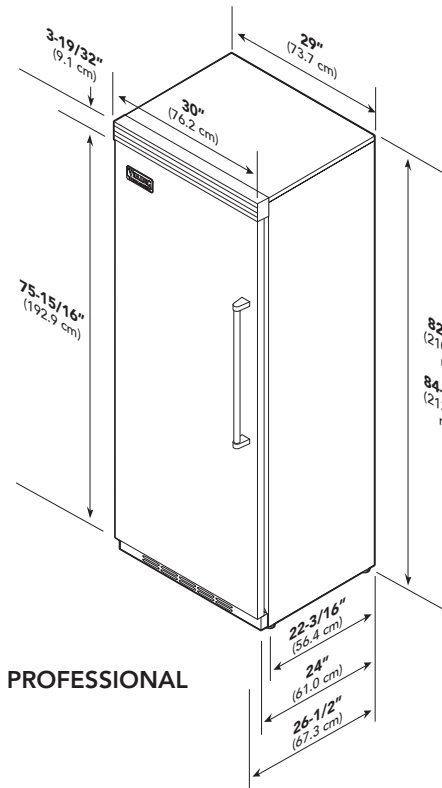
Star-K Kosher Certification for use on the Jewish Sabbath or Jewish holidays

Dimensions & Specifications

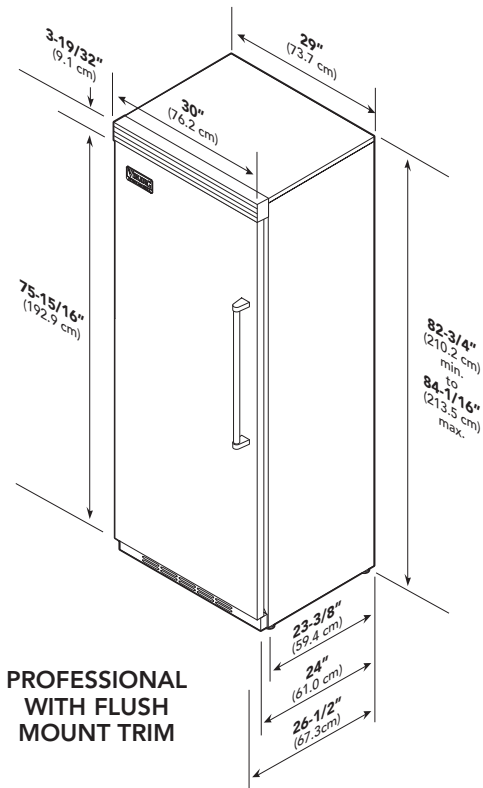
PRODUCT DIMENSIONS



VCFB5301 Professional



PROFESSIONAL



PROFESSIONAL WITH FLUSH MOUNT TRIM

	VCFB5301	VCFB5301/Flush Mount
Overall width	30" (76.2 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)		
To front edge of side trim	22-3/16" (56.4 cm)	23-3/8" (59.4 cm)
To front of top grille	24" (61.0 cm)	24" (61.0 cm)
To front of handle	26-1/2" (67.3 cm)	26-1/2" (67.3 cm)
Approx. ship weight	530 lbs. (238.5 kg)	530 lbs. (238.5 kg)





REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



★ Please see Installation Notes & Accessories for important information, including panel, grille, trim, and handle kits.



ALL MODELS

Star-K Kosher Certification for use on the Jewish Sabbath or Jewish holidays

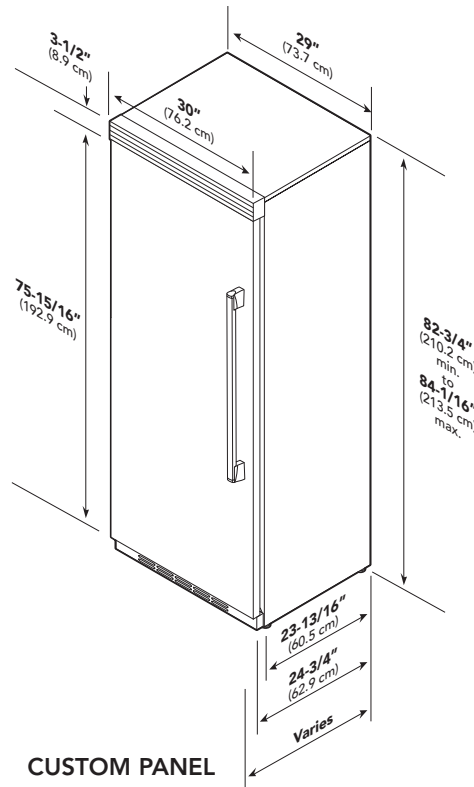
Dimensions & Specifications

PRODUCT DIMENSIONS



FDFB5301
Custom Panel

See Custom Panels section for more information and additional specifications.



CUSTOM PANEL

FDFB5301	
Overall width	30" (76.2 cm)
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.
Overall depth (from rear)	
To front edge of side trim	23-13/16" (60.5 cm)
To front of top grille	24-3/4" (62.9 cm)
To front of handle	Varies
Approx. ship weight	490 lbs. (220.5 kg)





REFRIGERATION Quiet Cool™ Built-In 30"W. All Freezer



Dimensions & Specifications

DOOR SWING

- Adjustable door stops standard—90°, 110°, or 120° swing

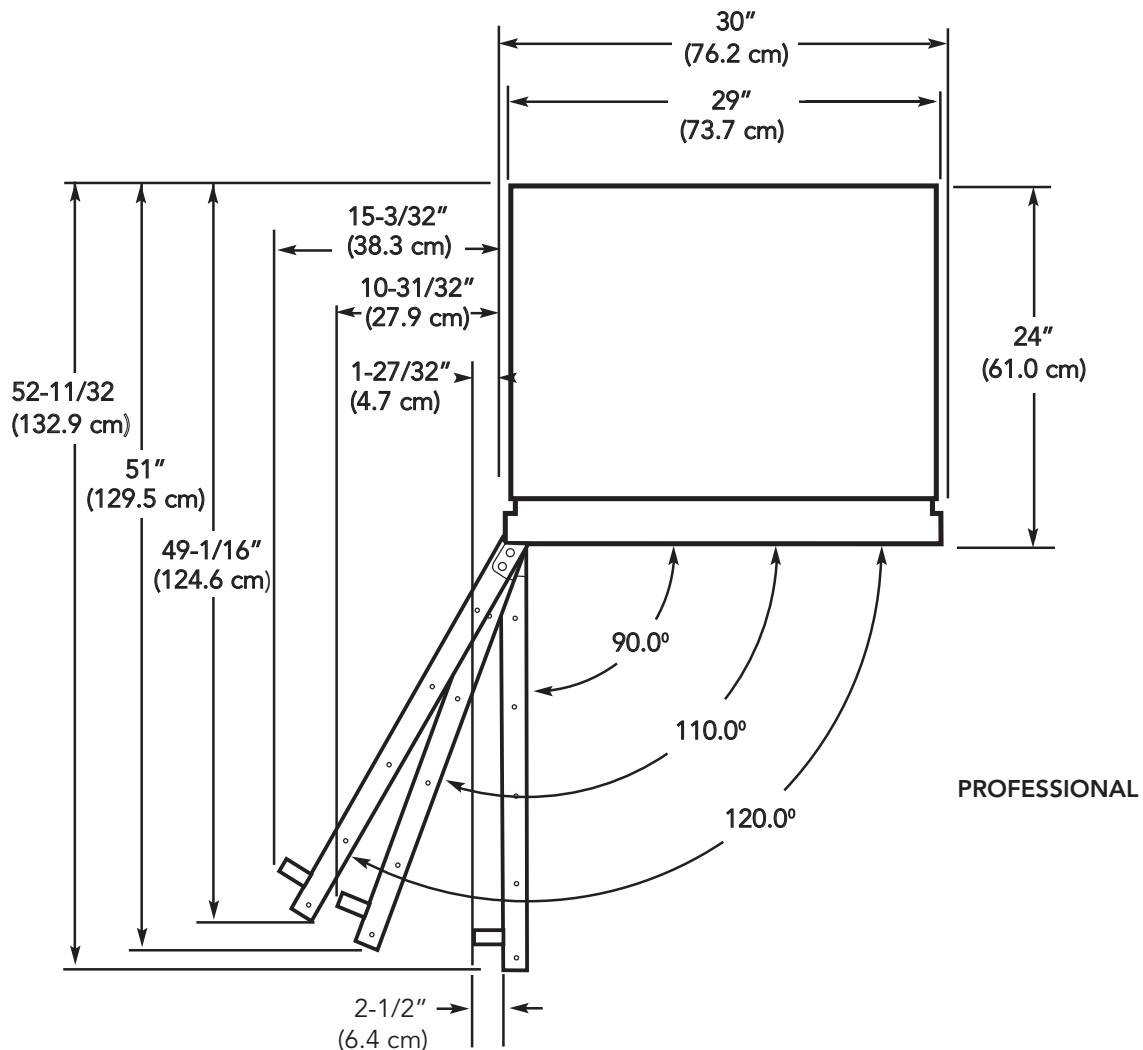


VCFB5301
Professional



FDFB5301
Custom Panel

See **Custom Panels** section for more information and additional specifications.



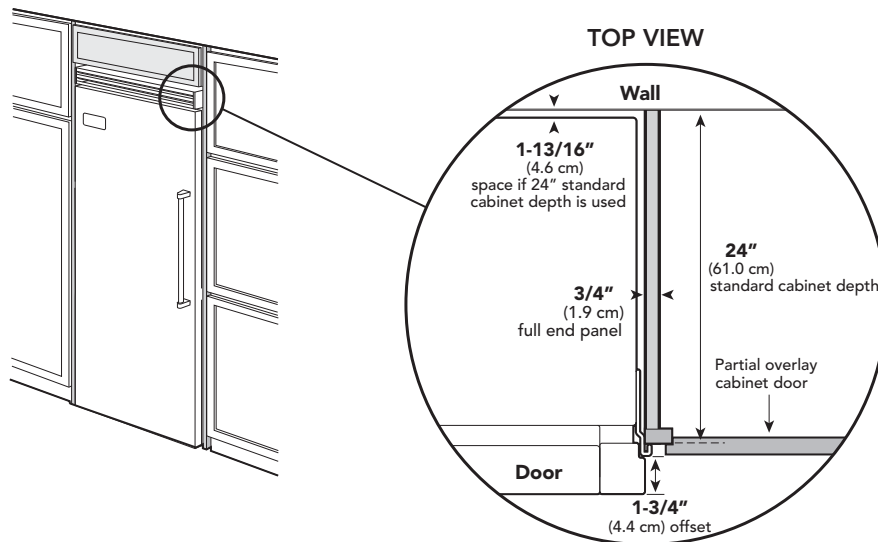
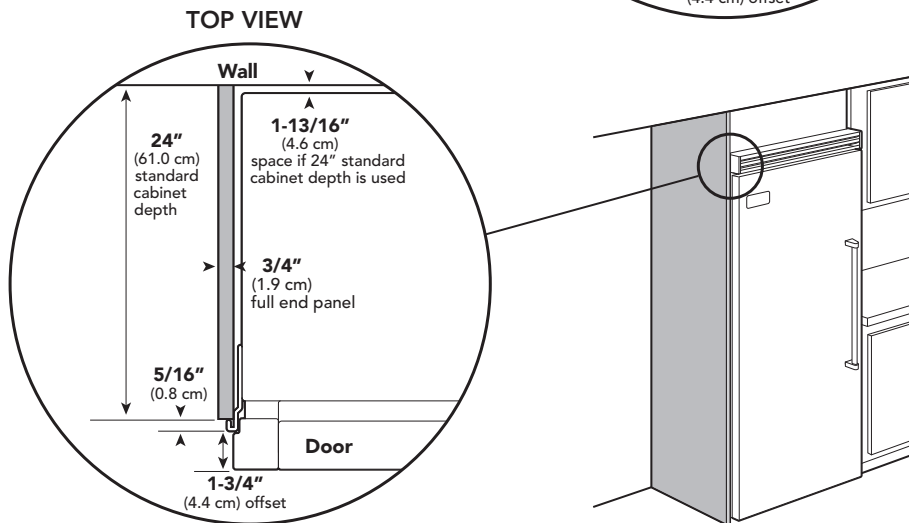
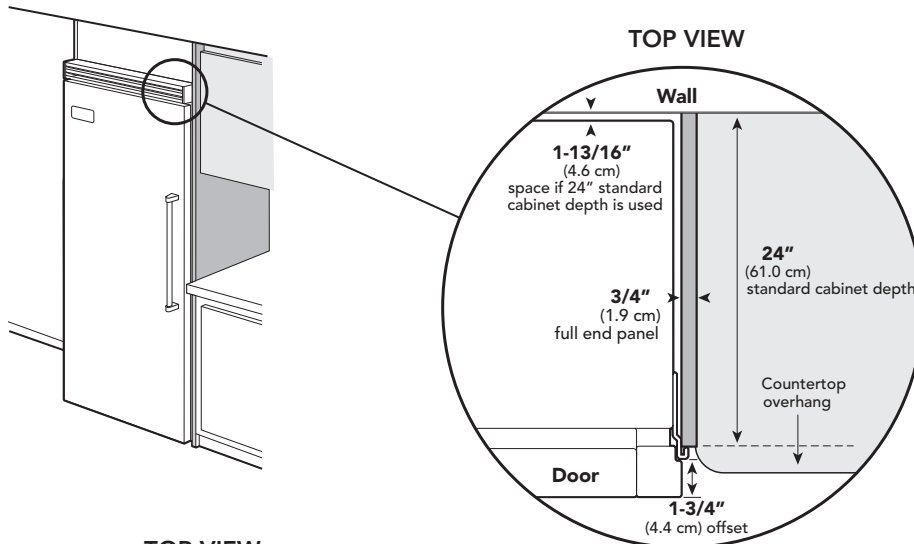


REFRIGERATION Quiet Cool™ Built-In 30"W. All Freezer



Dimensions & Specifications

CLEARANCE DIMENSIONS—PROFESSIONAL



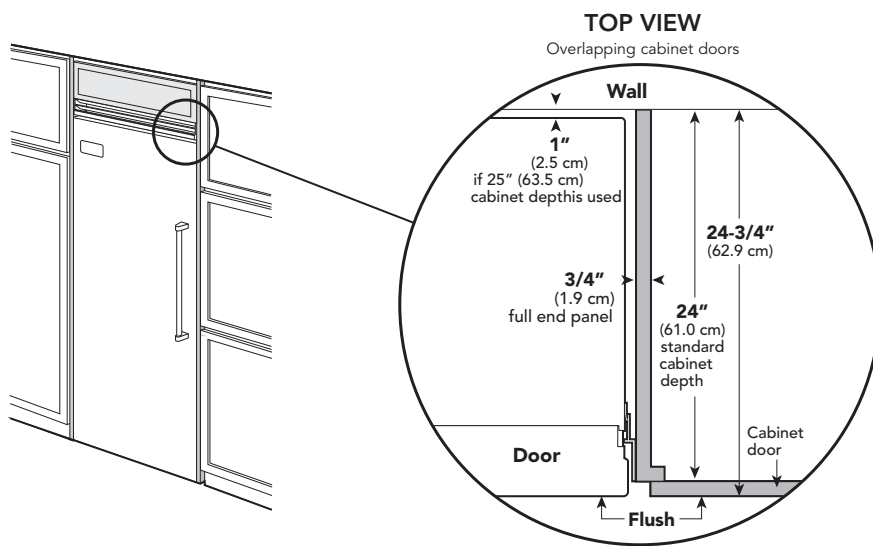
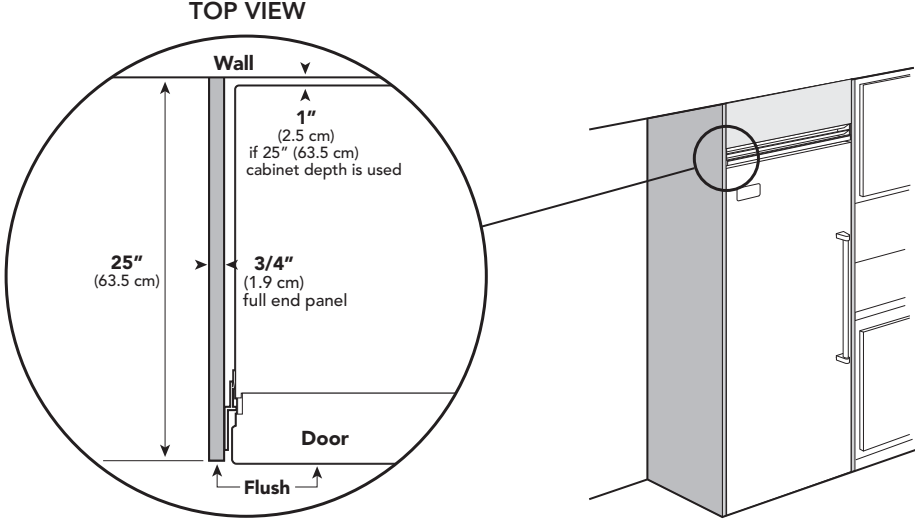
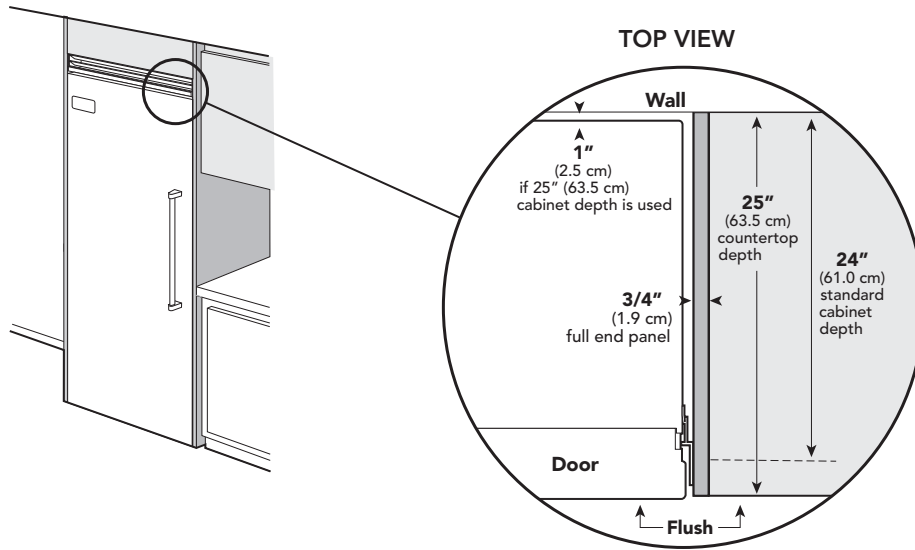


REFRIGERATION Quiet Cool™ Built-In 30"W. All Freezer



Dimensions & Specifications

CLEARANCE DIMENSIONS—PROFESSIONAL WITH FLUSH MOUNT TRIM





REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



UTILITY REQUIREMENTS



GAS
Not applicable



- ELECTRICAL**
- Three-wire cord with grounded three-prong plug attached to product
 - 115 VAC/60 Hz; 15 amp dedicated circuit
 - Maximum amp usage—9.1
 - Estimated energy usage—601 kWh/year



- PLUMBING**
- Inlet waterline requirements—1/4" copper tubing
 - 20 psi min.; 120 psi max.

Installation Requirements

ACCESS REQUIREMENTS – Single Installation

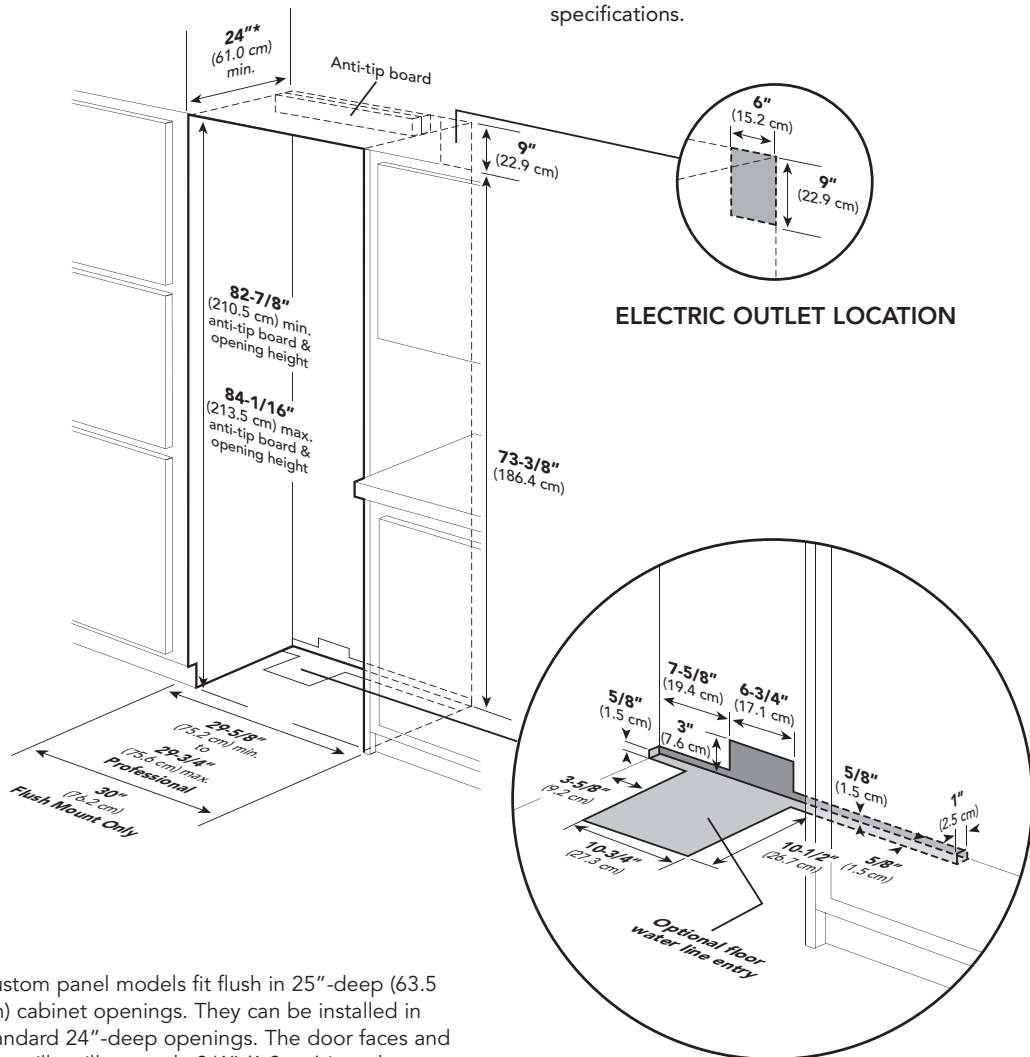


VCFB5301
Professional



FDFB5301
Custom Panel

See Custom Panels section for more information and additional specifications.



*Custom panel models fit flush in 25"-deep (63.5 cm) cabinet openings. They can be installed in standard 24"-deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

	VCFB5301	VCFB5301/Flush Mount	FDFB5301
Cutout width	29-5/8" (75.2 cm) min. to 29-3/4" (75.6 cm) max.	30" (76.2 cm)	30" (76.2 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.*		





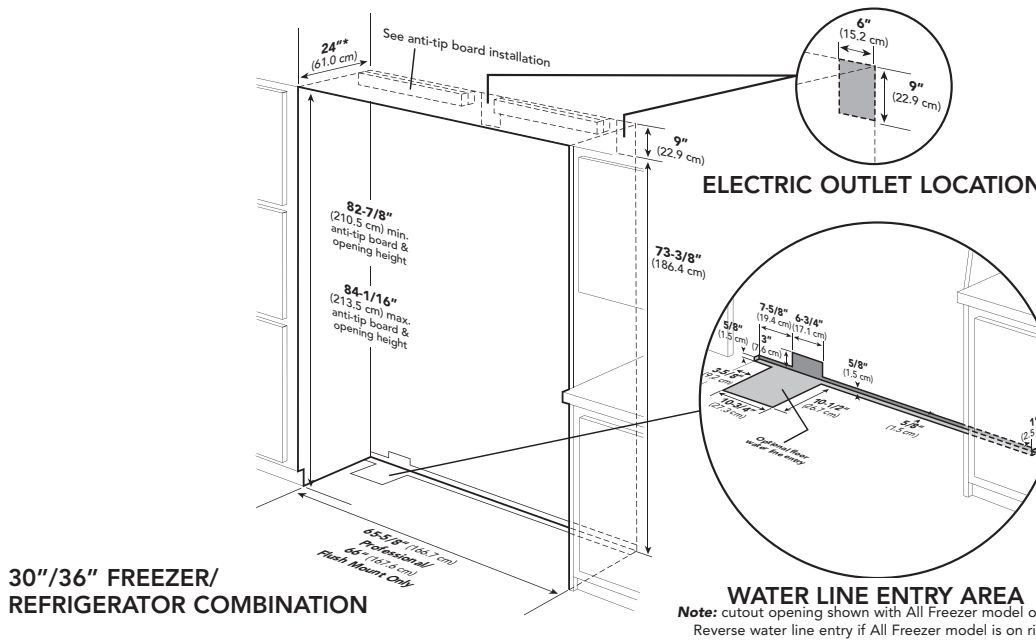
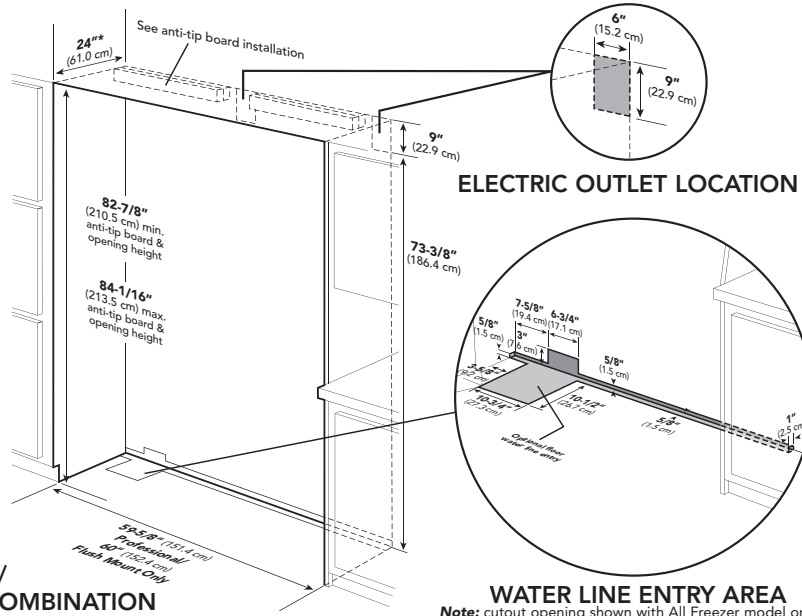
REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



Installation Requirements

ACCESS REQUIREMENTS – Dual Installation



*Custom panel models fit flush in 25"-deep (63.5 cm) cabinet openings. They can be installed in standard 24"-deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

VCFB5301/VCRB5301	VCFB5301/VCRB5301 Flush Mount	FDFB5301/FDRB5301
Cutout width	59-5/8" (151.4 cm)	60" (152.4 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	

VCFB5301/VCRB5361	VCFB5301/VCRB5361 Flush Mount	FDFB5301/FDRB5361
Cutout width	65-5/8" (166.7 cm)	66" (167.6 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	





REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



★ Installation Notes & Accessories

Side Panel Kits

- Stainless Steel (SS)
- Panels provide finished, freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
PSSPL2	Professional side panel left - Standard Mount	45 (20.2)
PSSPR2	Professional side panel right - Standard Mount	45 (20.2)
DSSPL2	Designer side panel left - Flush Mount	45 (20.2)
DSSPR2	Designer side panel right - Flush Mount	45 (20.2)

Side Panel Hardware Kit

- For use with custom panel built-in refrigerator/freezers
- Hardware allows installation of custom side panels
- Kit includes brackets, screws, and installation instructions to mount panels on left and right side

Model	Description	Approx. ship wt. lbs. (kg)
SPHKDS	Side panel hardware	3 (1.4)

Top Panel Kit

- Stainless Steel (SS)
- Panel provides finished, freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
TOP-30	30"W. top panel	21 (9.5)

Top Grille Kits

- Stainless Steel (SS)
- 60"W. top grille kit—for use with installation of two 30"W. all refrigerators/all freezers side-by-side
- 66"W. top grille kit—for use with installation of one 30"W. and one 36"W. all refrigerators/all freezers side-by-side
- Grille creates a single unit look
- Kit includes one full-length grille, center cabinet trim connector, and all installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
DDGK60-SS	60"W. grille (for two VCRB/VCFB/FDRB/FDFB units)	21 (9.5)
DDGK66-SS	66"W. grille (for two VCRB/VCFB/FDRB/FDFB units)	23 (10.4)

Center Trim Kit

- Stainless Steel (SS)
- Kit includes center cabinet trim connector to install two custom front units with wood top grille

Model	Description	Approx. ship wt. lbs. (kg)
FCTK-SS	Center trim	5 (2.3)





REFRIGERATION

Quiet Cool™ Built-In 30"W. All Freezer



Handle Kits

- For use with custom panel freezers
- For use on locally supplied custom panels
- Handles allow refrigerator/freezers with custom panels to coordinate with other Professional products
- Kit includes handle(s) and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
PHK28-SS	Professional one handle (Stainless Steel)	7 (3.2)
PHKDFS5-SS	Professional two handles (Stainless Steel)	10 (4.5)

Compliance Information



WARRANTY SUMMARY*

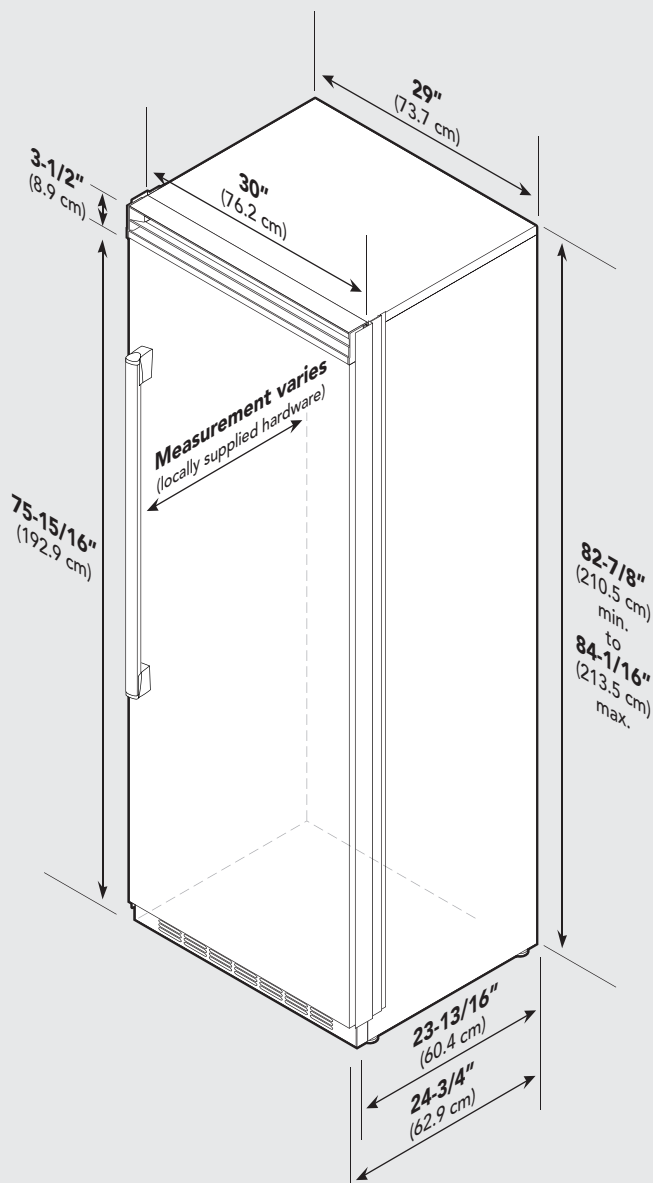
- Three-year full warranty—complete unit
- Six-year full warranty—sealed refrigeration system
- Twelve-year limited warranty—sealed refrigeration system (includes compressor, condenser, dryer/strainer, evaporator, and connecting tubing)
- Ninety-day limited warranty—cosmetic parts such as glass, painted, and decorative items

*For complete warranty see *Use & Care Guide*. Warranty valid on Viking products shipped within the United States and Canada.

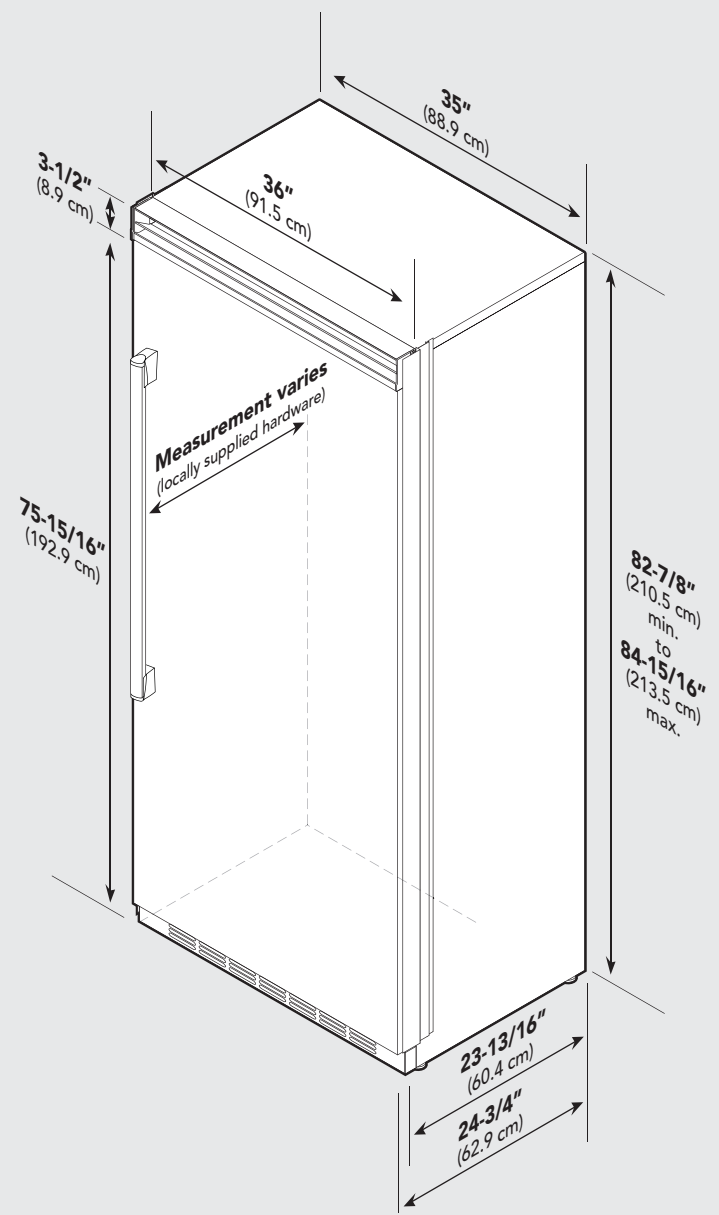


Dimensions (All Refrigerator/Freezer)

30" All Refrigerator/Freezer



36" All Refrigerator/Freezer



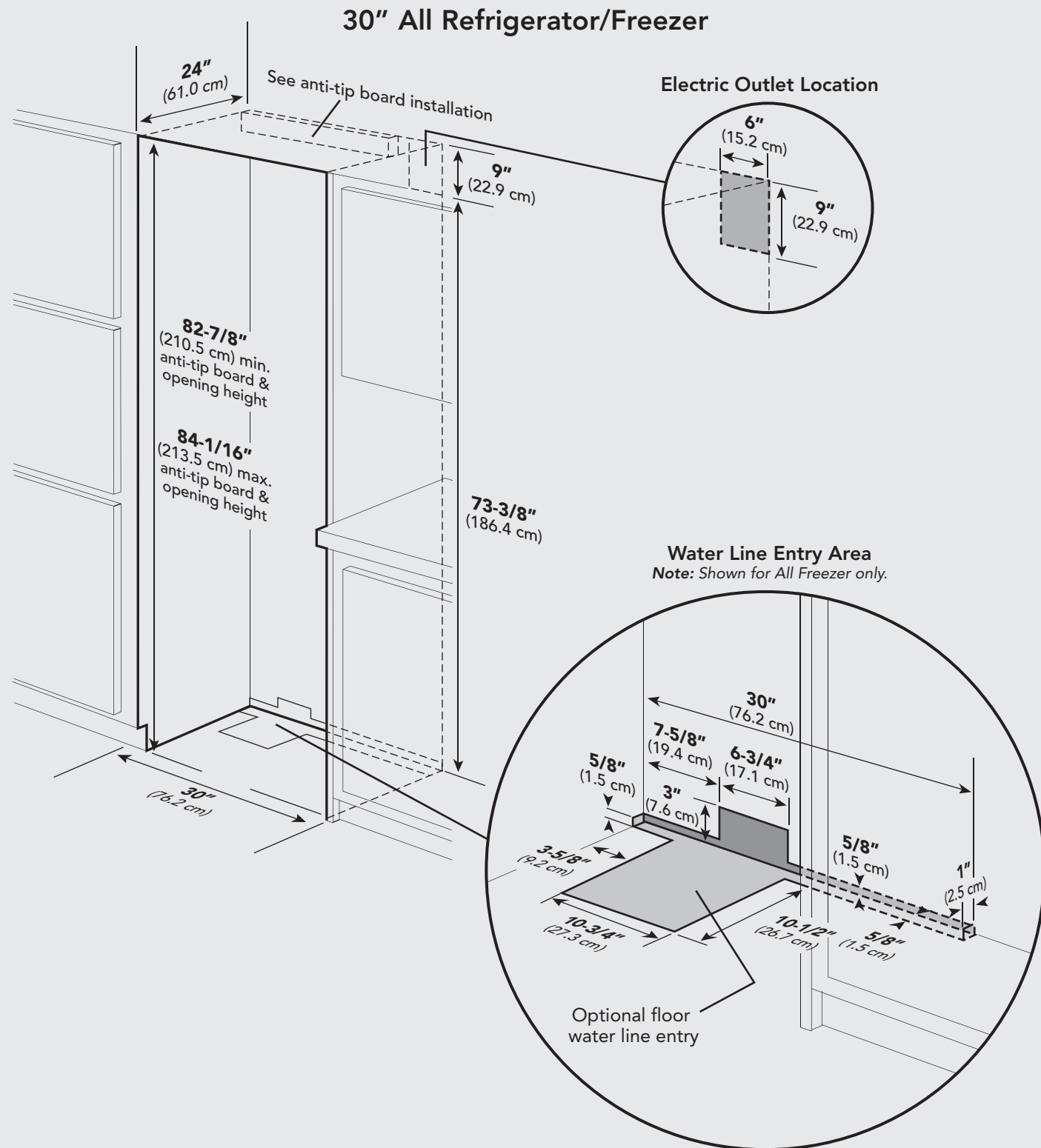
Specifications (All Refrigerator/Freezer)

30" All Refrigerator/Freezer		
Description	DFFB530	DFRB530
Overall width	30" (76.2 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)	
Cutout width	30" (76.2 cm)	
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	
Electrical requirements	115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product	
Maximum amp usage	9.9 amps	
Inlet water requirements	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi	N/A
Overall interior dimensions total capacity	15.9 cu. ft. (450 liters)	18.2 cu. ft. (516 liters)
Maximum panel weight	50 lbs. (22.7 kg)	
Approximate shipping weight	425 lbs. (193.2 kg)	

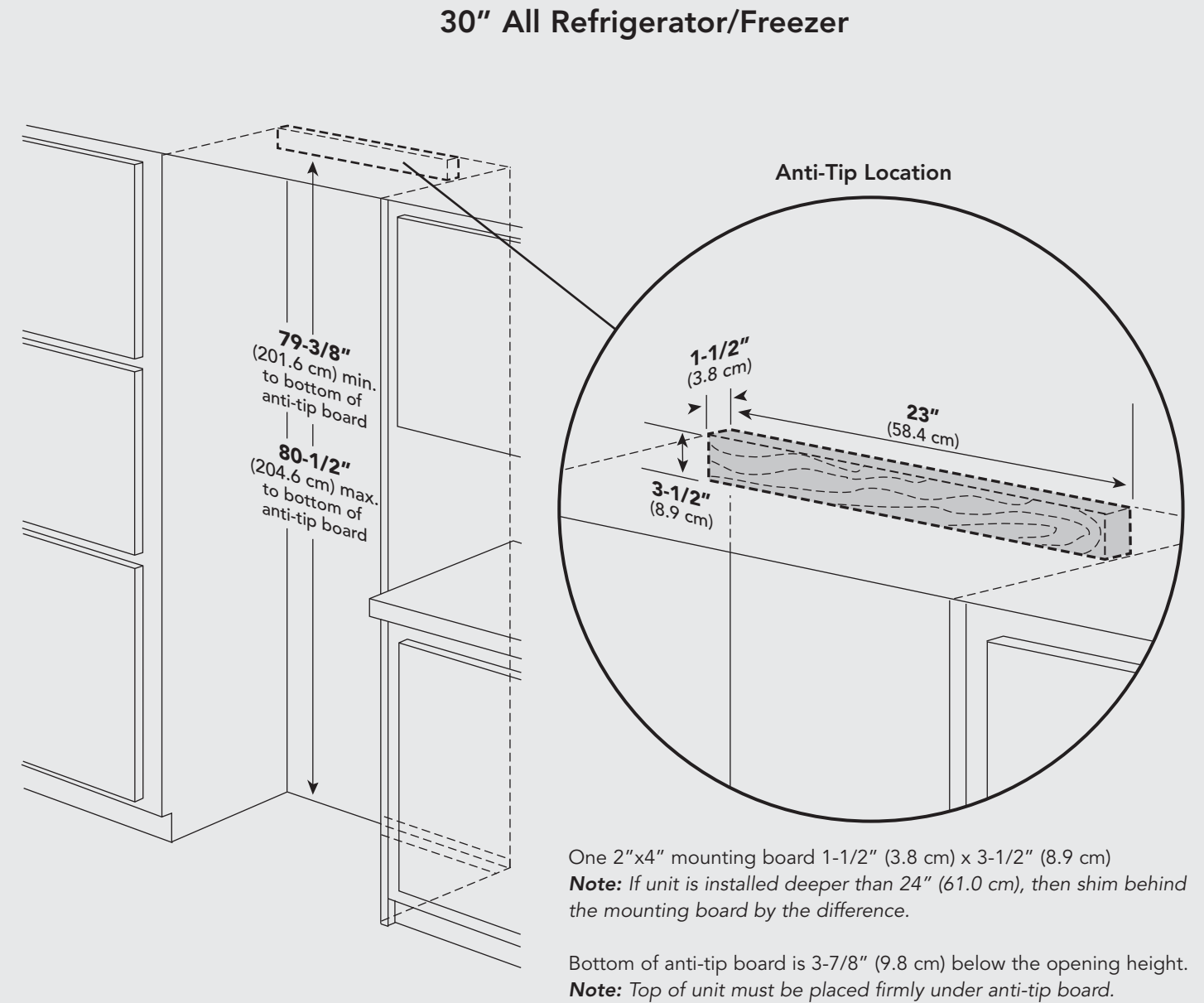
36" All Refrigerator/Freezer		
Description	DFFB536	DFRB536
Overall width	36" (91.5 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)	
Cutout width	36" (91.5 cm)	
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	
Electrical requirements	115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product	
Maximum amp usage	9.9 amps	
Inlet water requirements	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi	N/A
Overall interior dimensions total capacity	19.1 cu. ft. (541 liters)	22.8 cu. ft. (646 liters)
Maximum panel weight	60 lbs. (27.2 kg)	
Approximate shipping weight	500 lbs. (227.3 kg)	

***Note:** Custom panel models fit flush in 25" (63.5 cm) deep cabinet openings. They can be installed in standard 24" (61.0 cm) deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

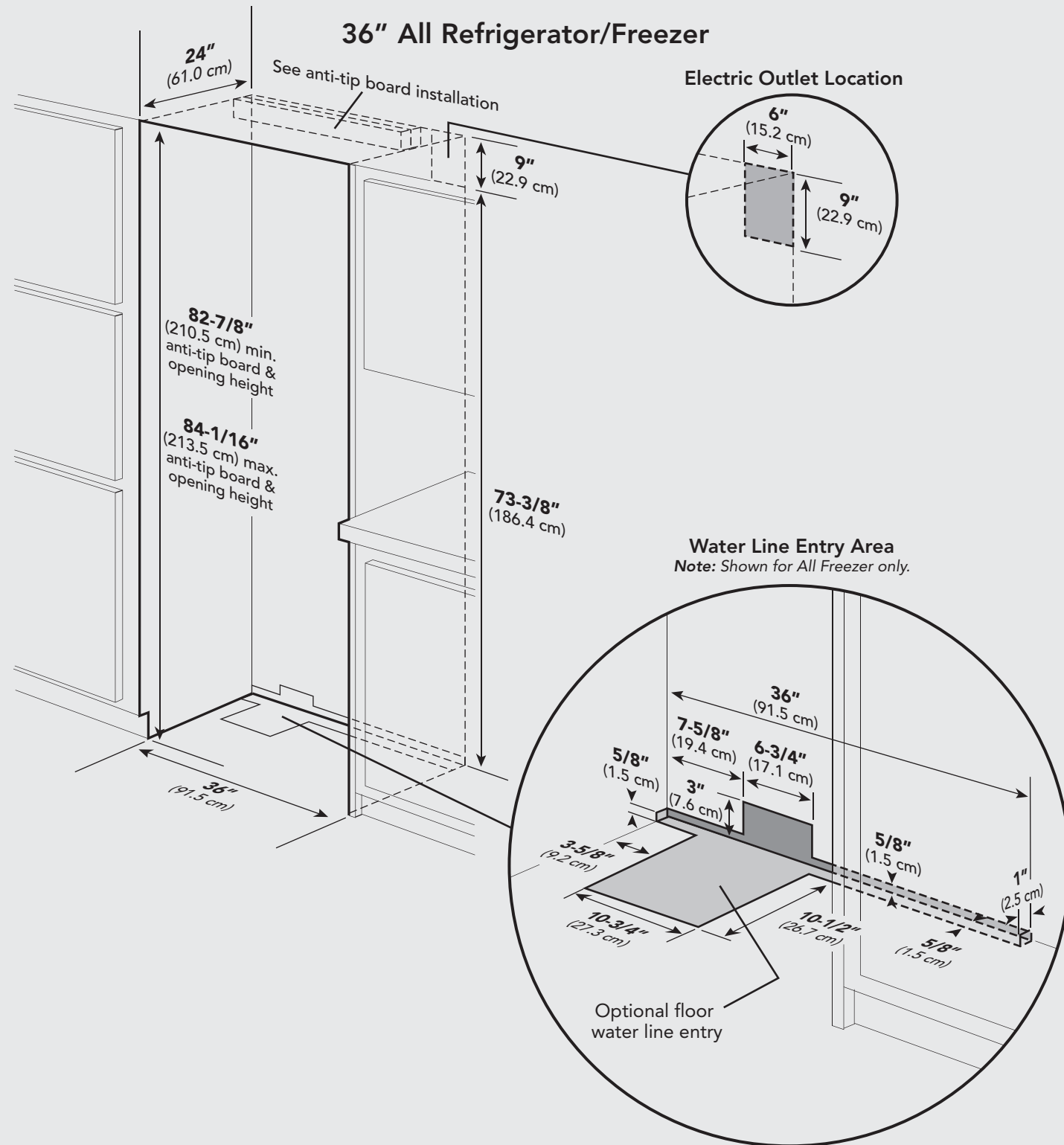
Cutout Dimensions (All Refrigerator/Freezer)



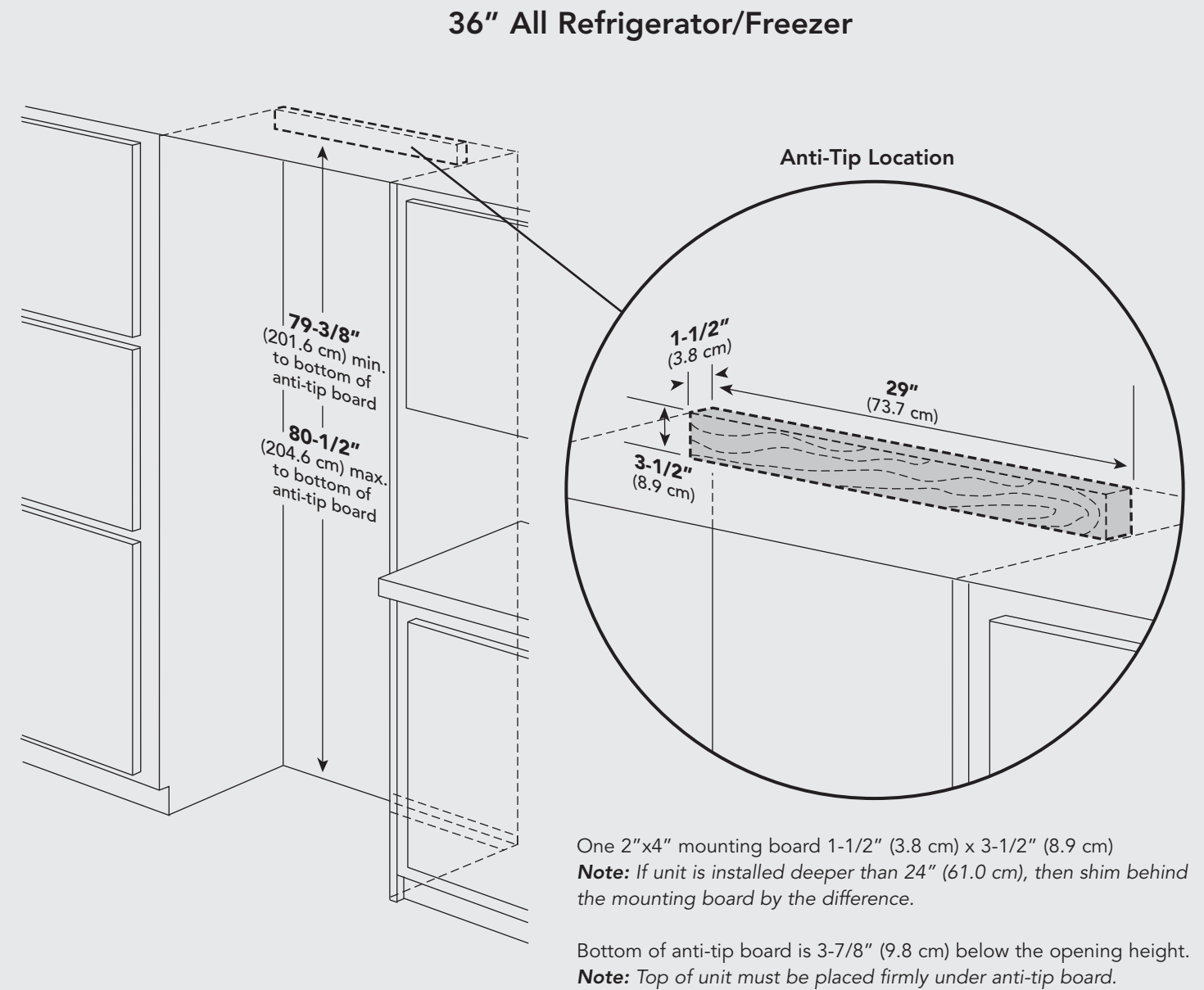
Anti-Tip Dimensions (All Refrigerator/Freezer)



Cutout Dimensions (All Refrigerator/Freezer)

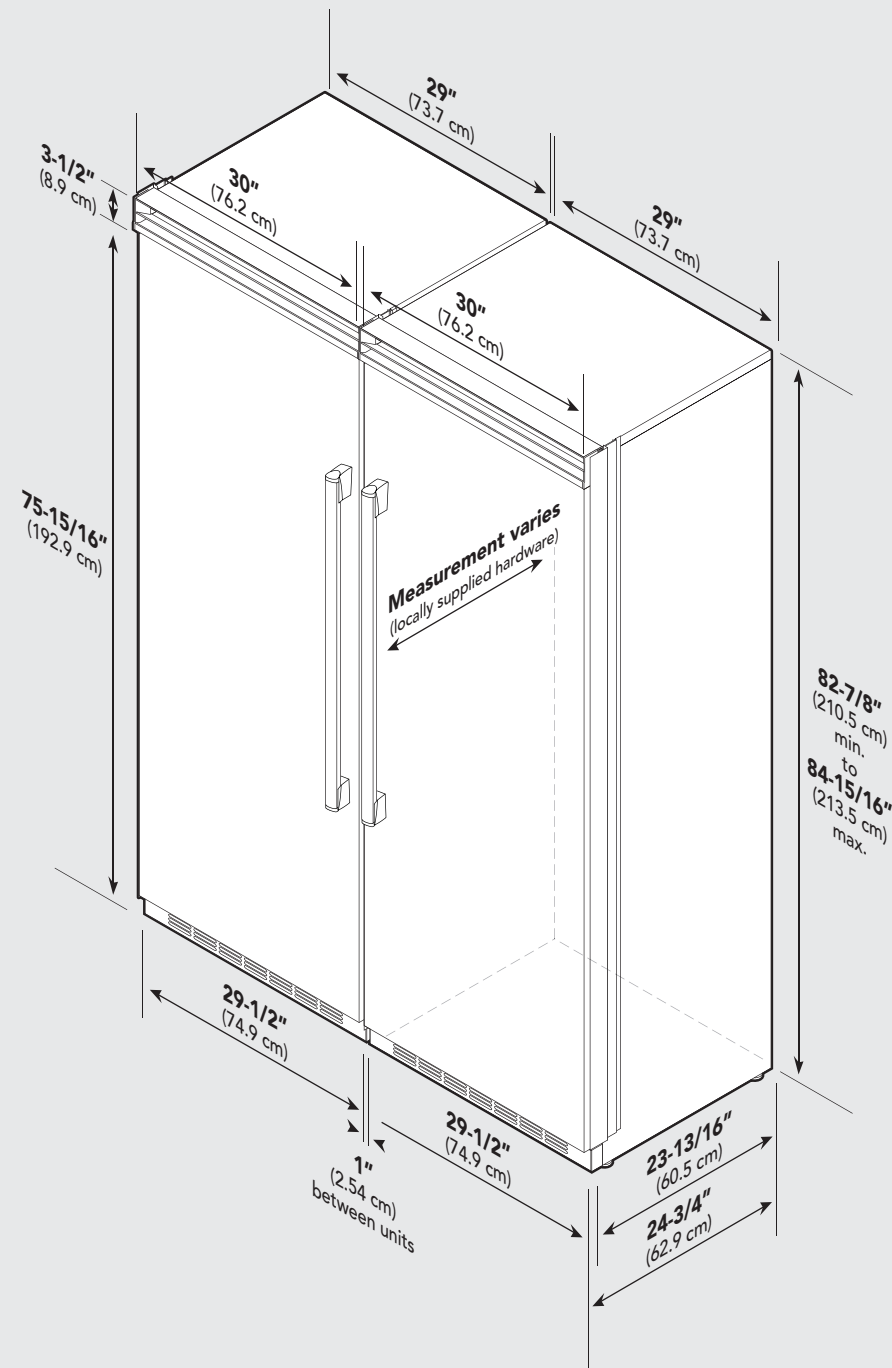


Anti-Tip Dimensions (All Refrigerator/Freezer)



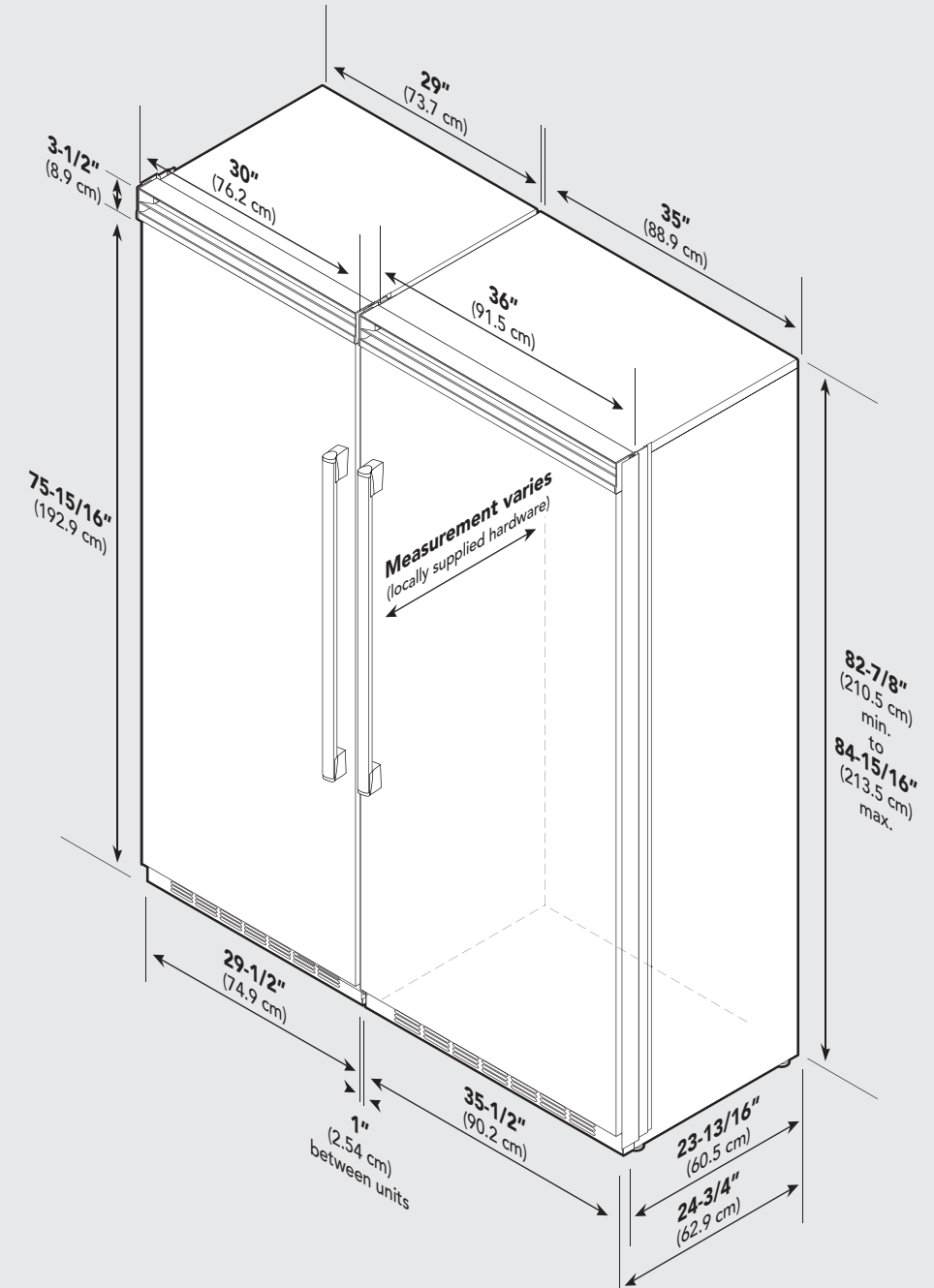
Dimensions (All Refrigerator/Freezer)

Dual 30" All Refrigerator/Freezer

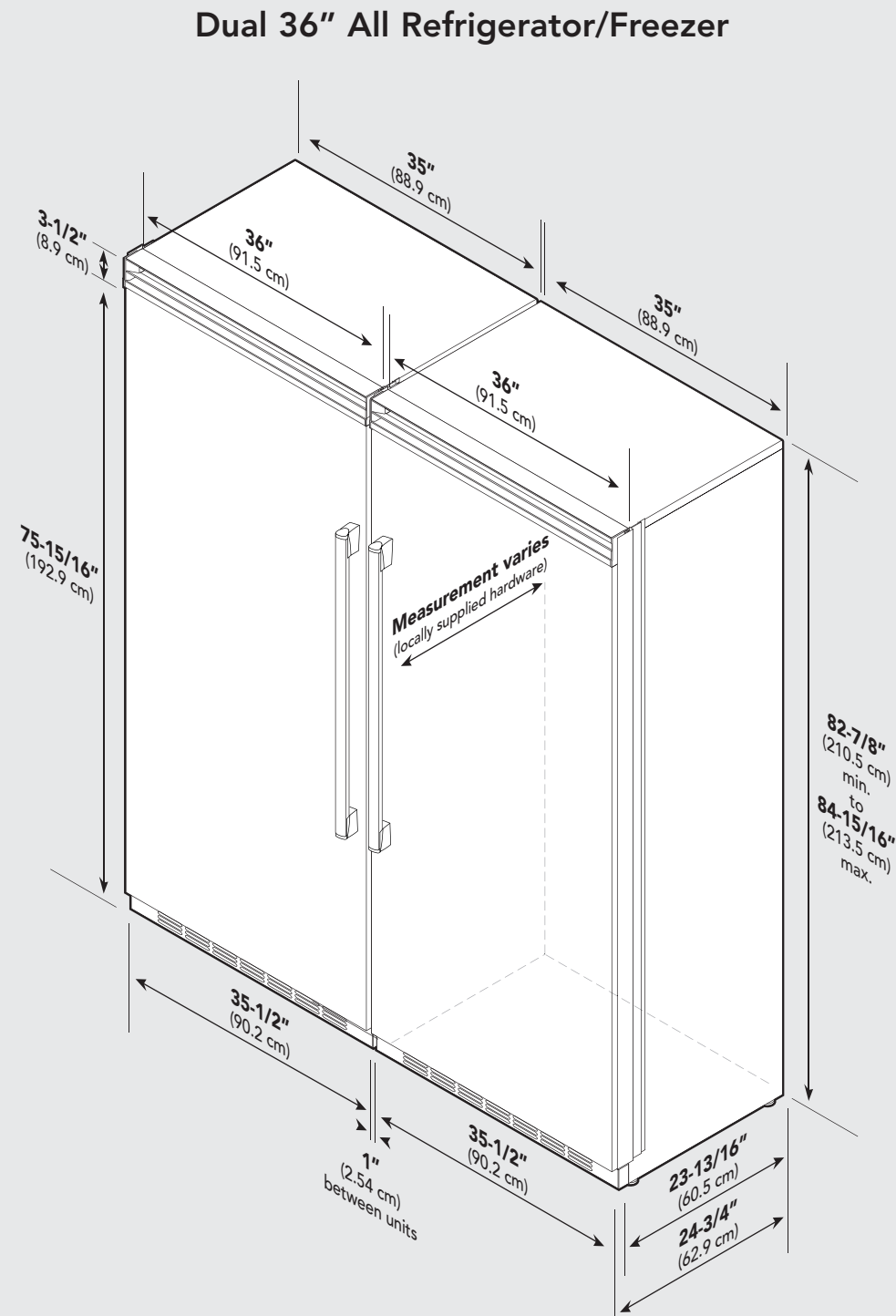


Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



Dimensions (All Refrigerator/Freezer)



Specifications (All Refrigerator/Freezer)

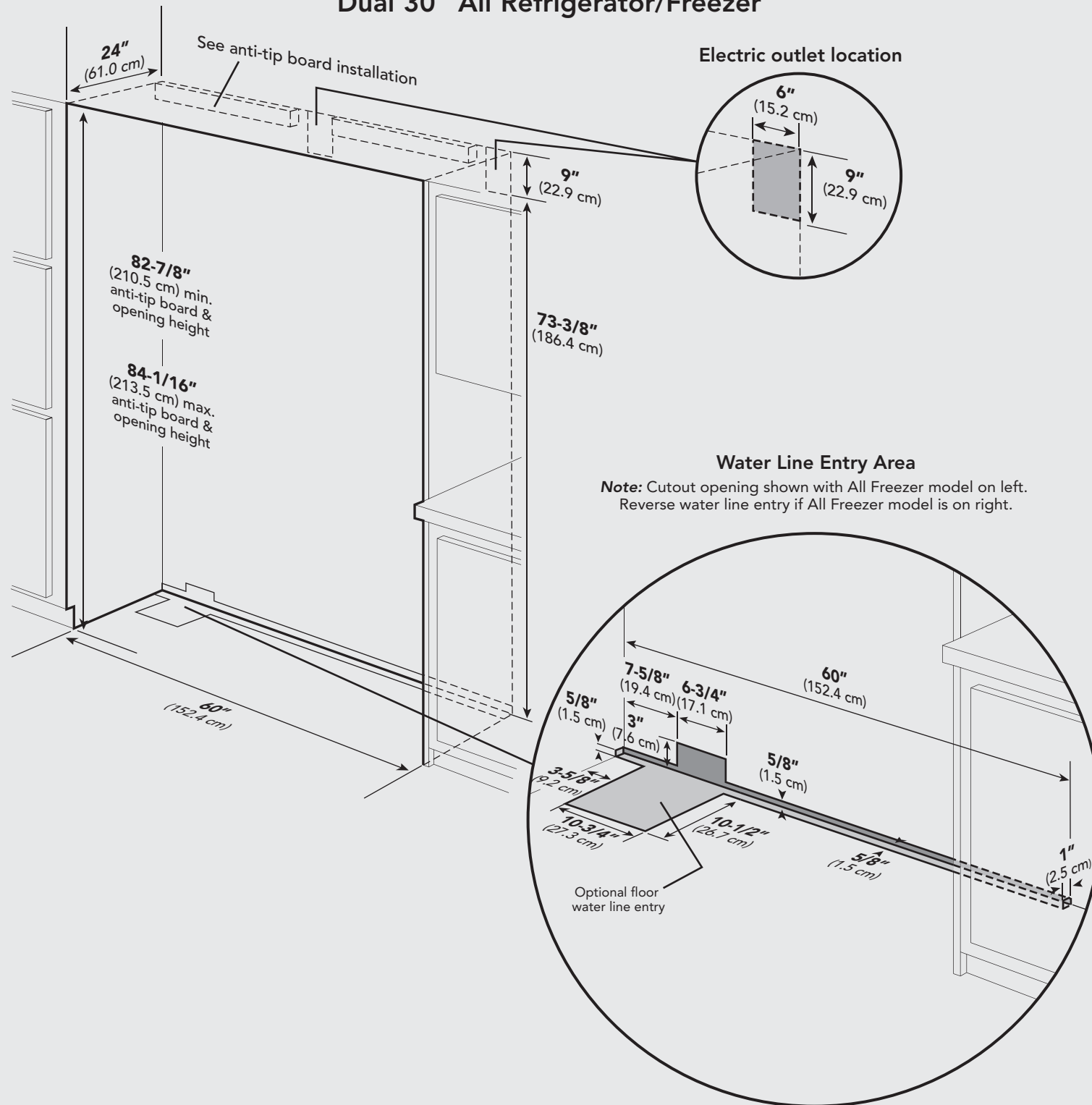
Dual All Refrigerator/Freezer*			
Description	(2) 30" Units	(1) 36" & (1) 30" Unit	(2) 36" Units
Overall width	60" (152.4 cm)	66" (167.6 cm)	72" (182.9 cm)
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.		
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)		
Cutout width	60" (152.4 cm)	66" (167.6 cm)	72" (182.9 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.**		
Electrical requirements	(2) 115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product		
Maximum amp usage	9.9 amps per unit		
Inlet water requirements (All Freezer only)	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi		
Overall interior dimensions	30" freezer 15.9 cu. ft. (450 liters) 30" refrigerator 18.2 cu. ft. (516 liters) 36" freezer 19.1 cu. ft. (541 liters) 36" refrigerator 22.8 cu. ft. (646 liters)		
Maximum panel weight	30" freezer or refrigerator 50 lbs. (22.7 kg) 36" freezer or refrigerator 60 lbs. (27.2 kg)		
Approximate shipping weight	30" freezer or refrigerator 425 lbs. (193.2 kg) 36" freezer or refrigerator 500 lbs. (227.3 kg)		

*For installation of two units side-by-side, a separate grille kit accessory must be purchased.

**Note: Custom panel models fit flush in 25" (63.5 cm) deep cabinet openings. They can be installed in standard 24" (61.0 cm) deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

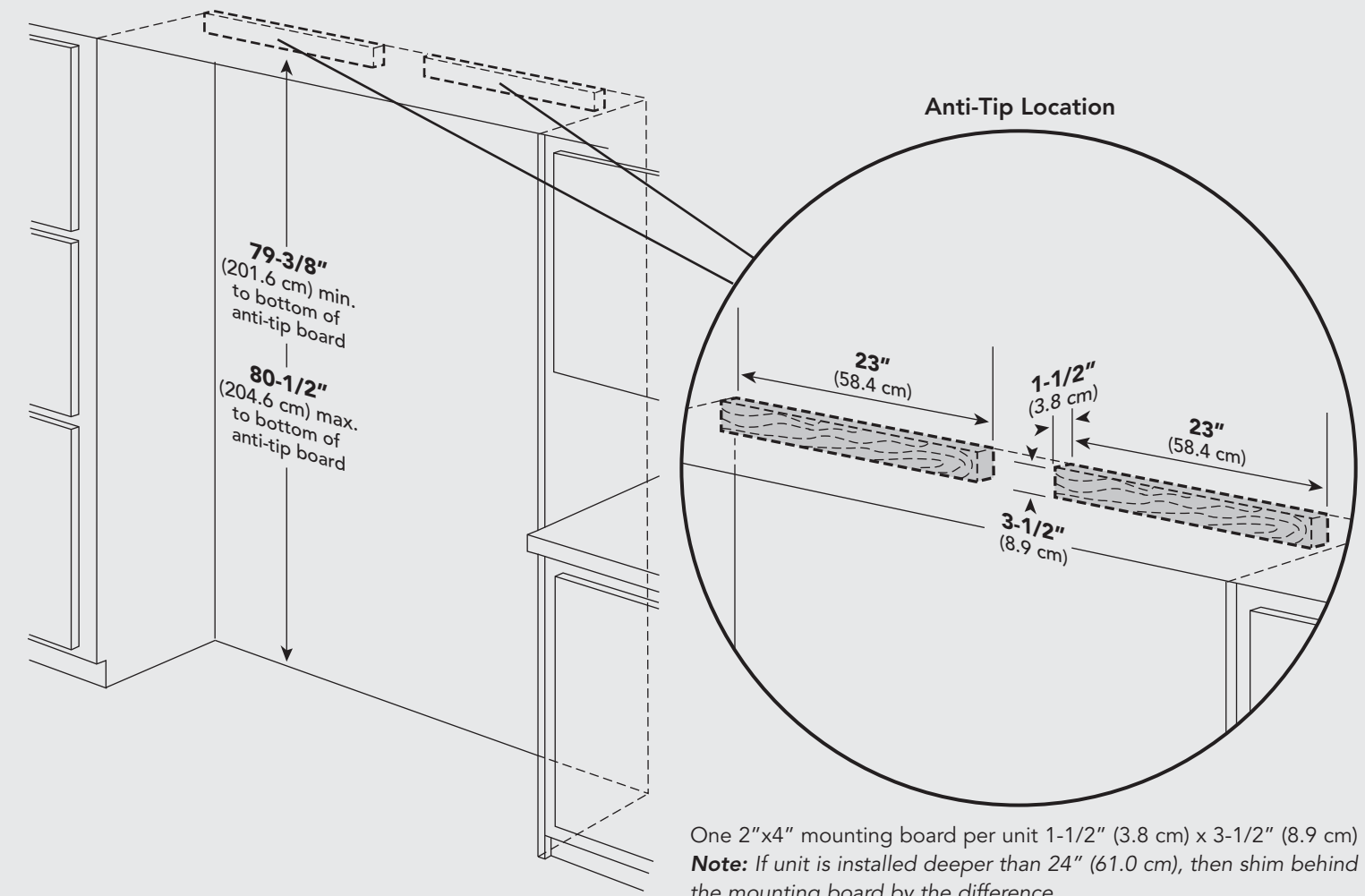
Cutout Dimensions (All Refrigerator/Freezer)

Dual 30" All Refrigerator/Freezer



Anti-Tip Dimensions (All Refrigerator/Freezer)

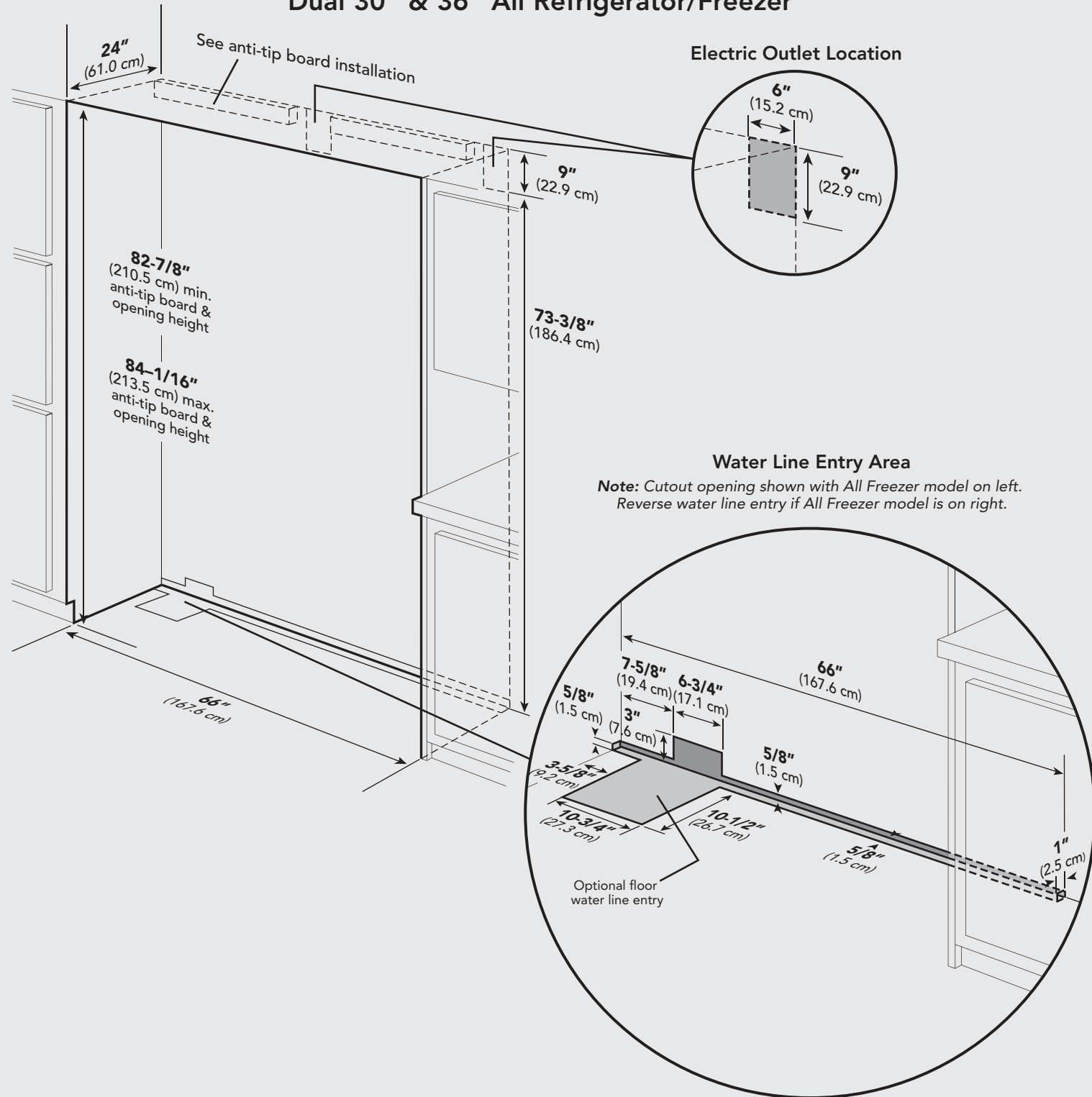
Dual 30" All Refrigerator/Freezer



Bottom of anti-tip board is 3-7/8" (9.8 cm) below the opening height.
Note: Top of unit must be placed firmly under anti-tip board.

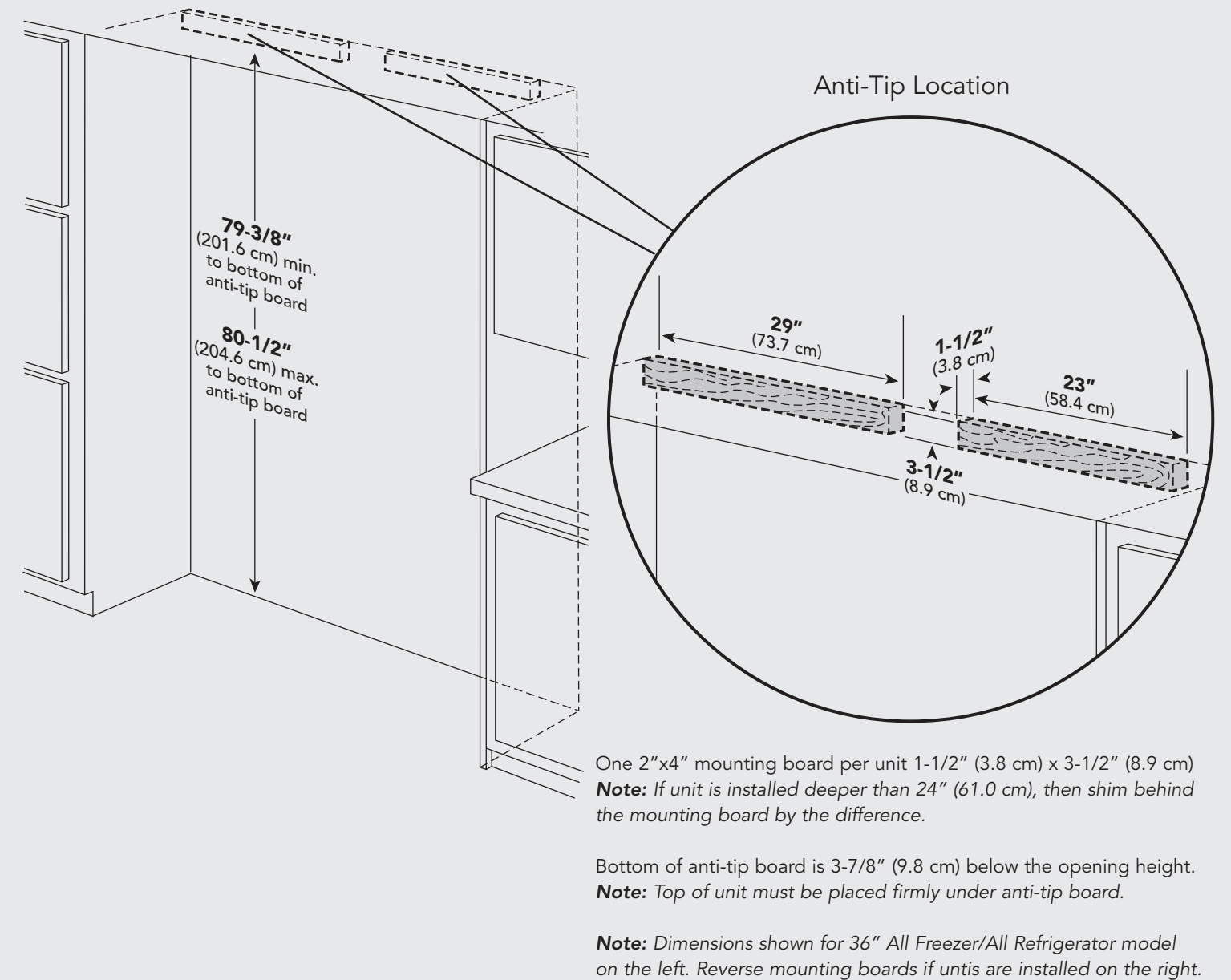
Cutout Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



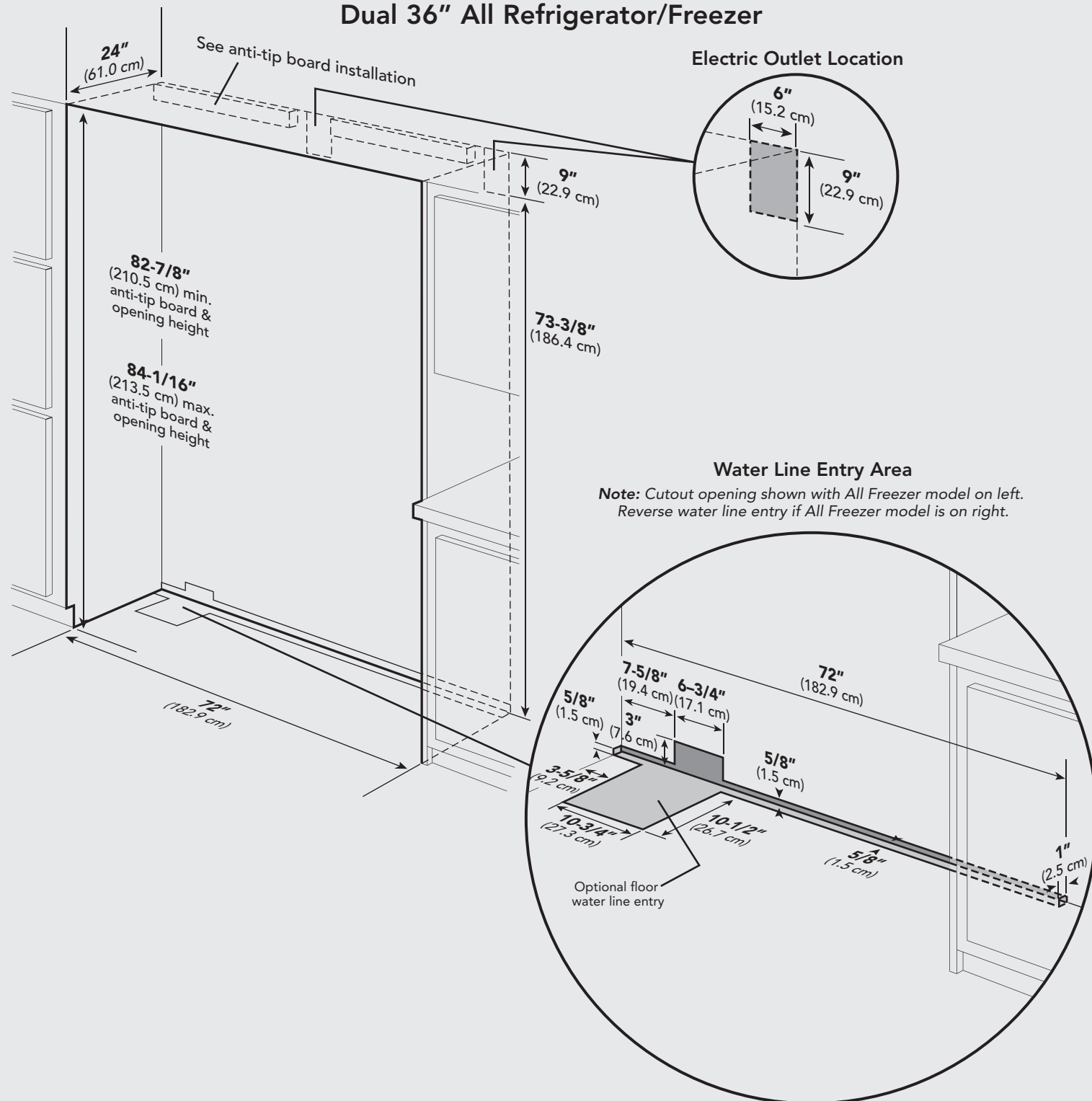
Anti-Tip Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



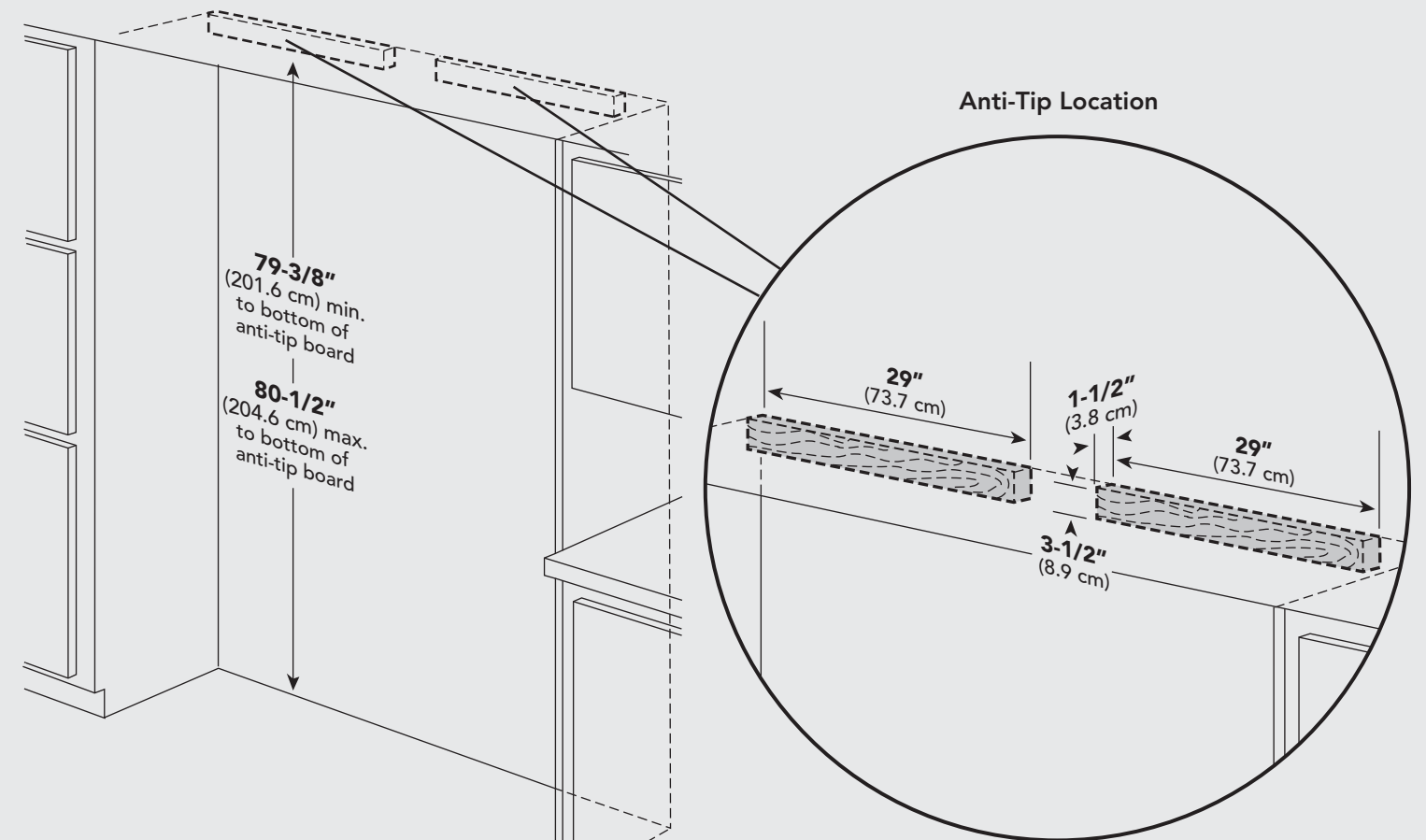
Cutout Dimensions (All Refrigerator/Freezer)

Dual 36" All Refrigerator/Freezer



Anti-Tip Dimensions (All Refrigerator/Freezer)

Dual 36" All Refrigerator/Freezer



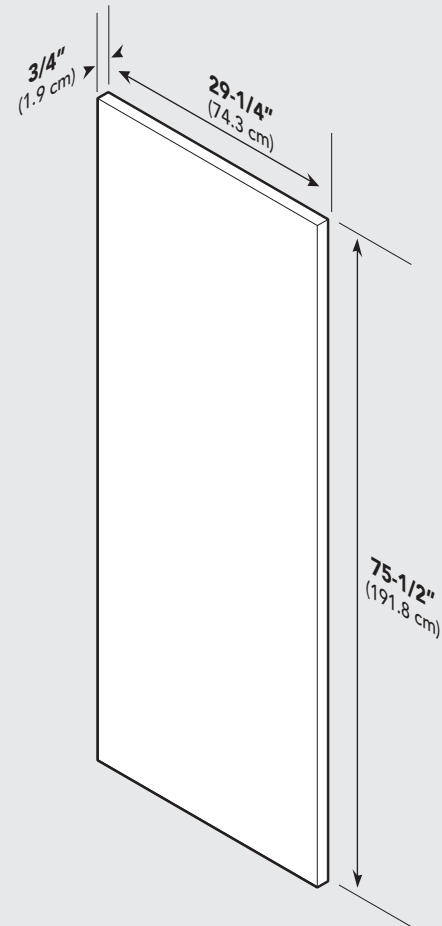
One 2"x4" mounting board per unit 1-1/2" (3.8 cm) x 3-1/2" (8.9 cm)
Note: If unit is installed deeper than 24" (61.0 cm), then shim behind the mounting board by the difference.

Bottom of anti-tip board is 3-7/8" (9.8 cm) below the opening height.
Note: Top of unit must be placed firmly under anti-tip board.

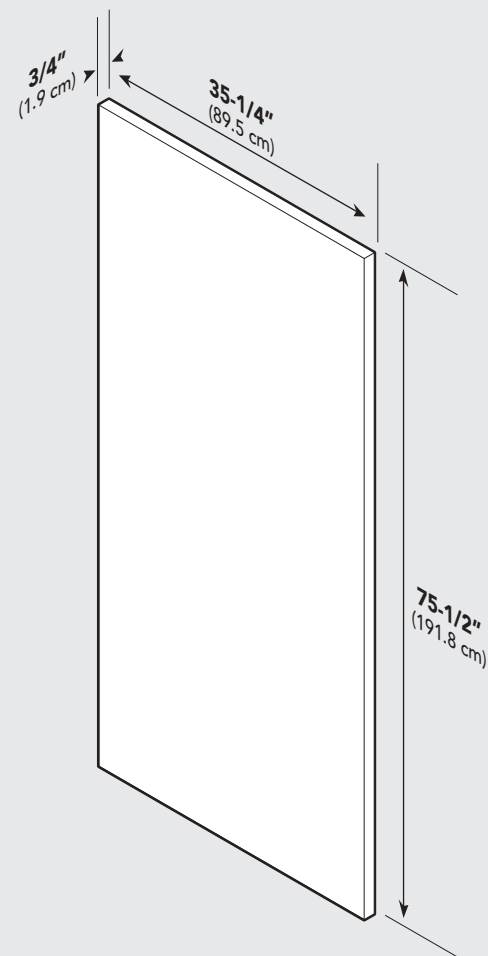
Overlay Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

30" Custom Panels



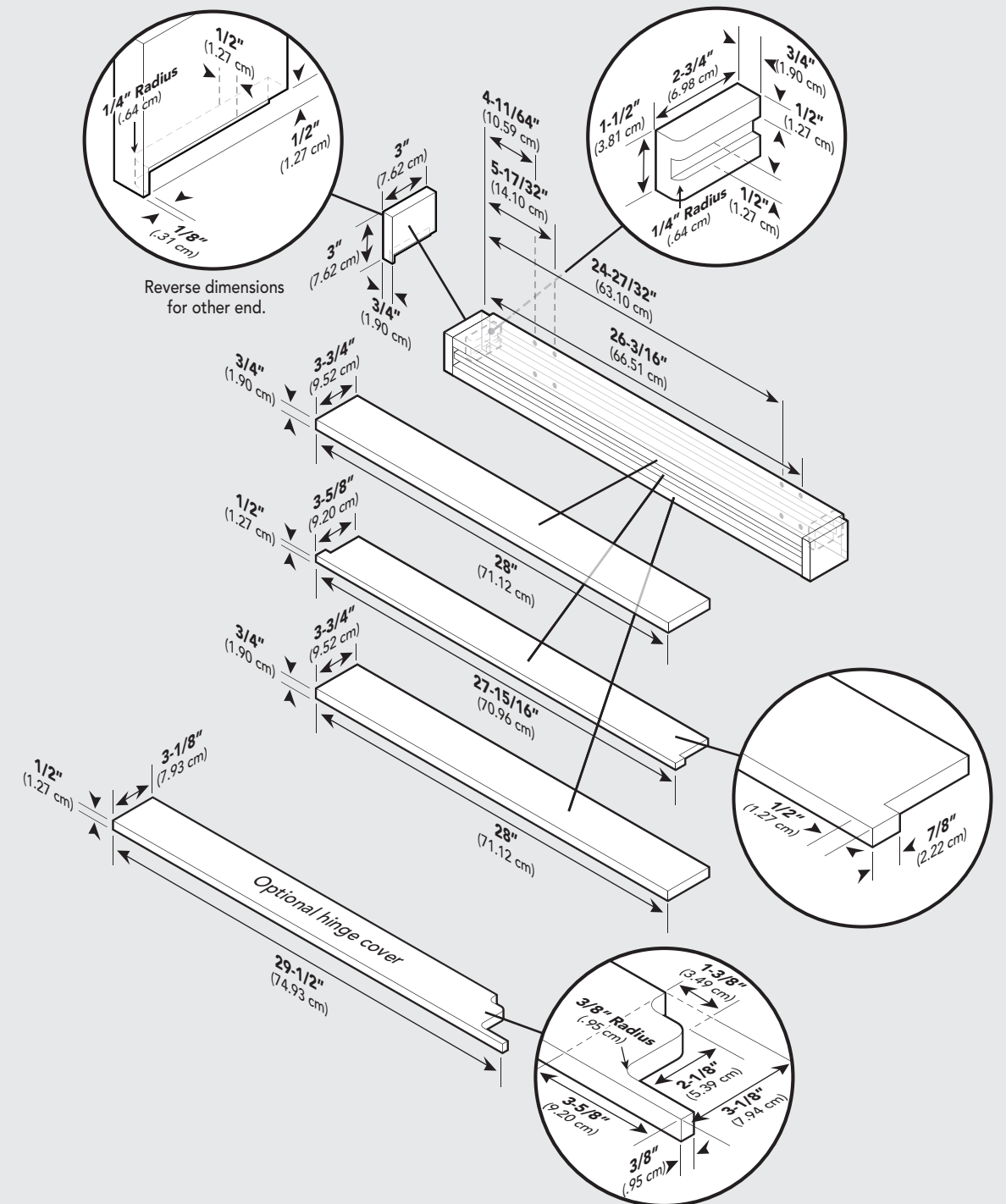
36" Custom Panels



Note: Hardware placement can vary depending on single or dual installation.

Note: Panel overlays must be dry, solid, straight one piece panels. The use of multiple panel pieces to achieve the dimensions is not recommended.

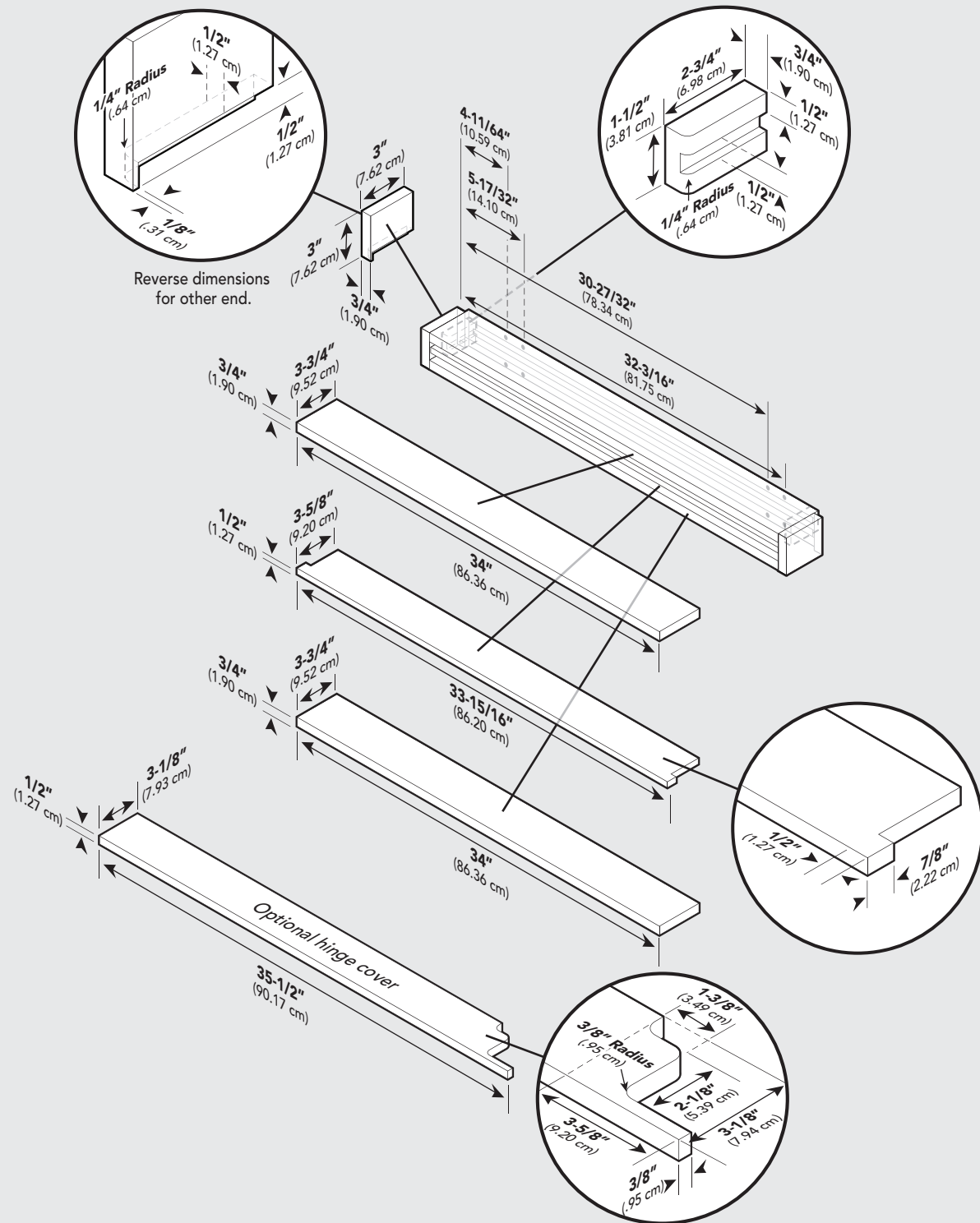
30" Custom Grille



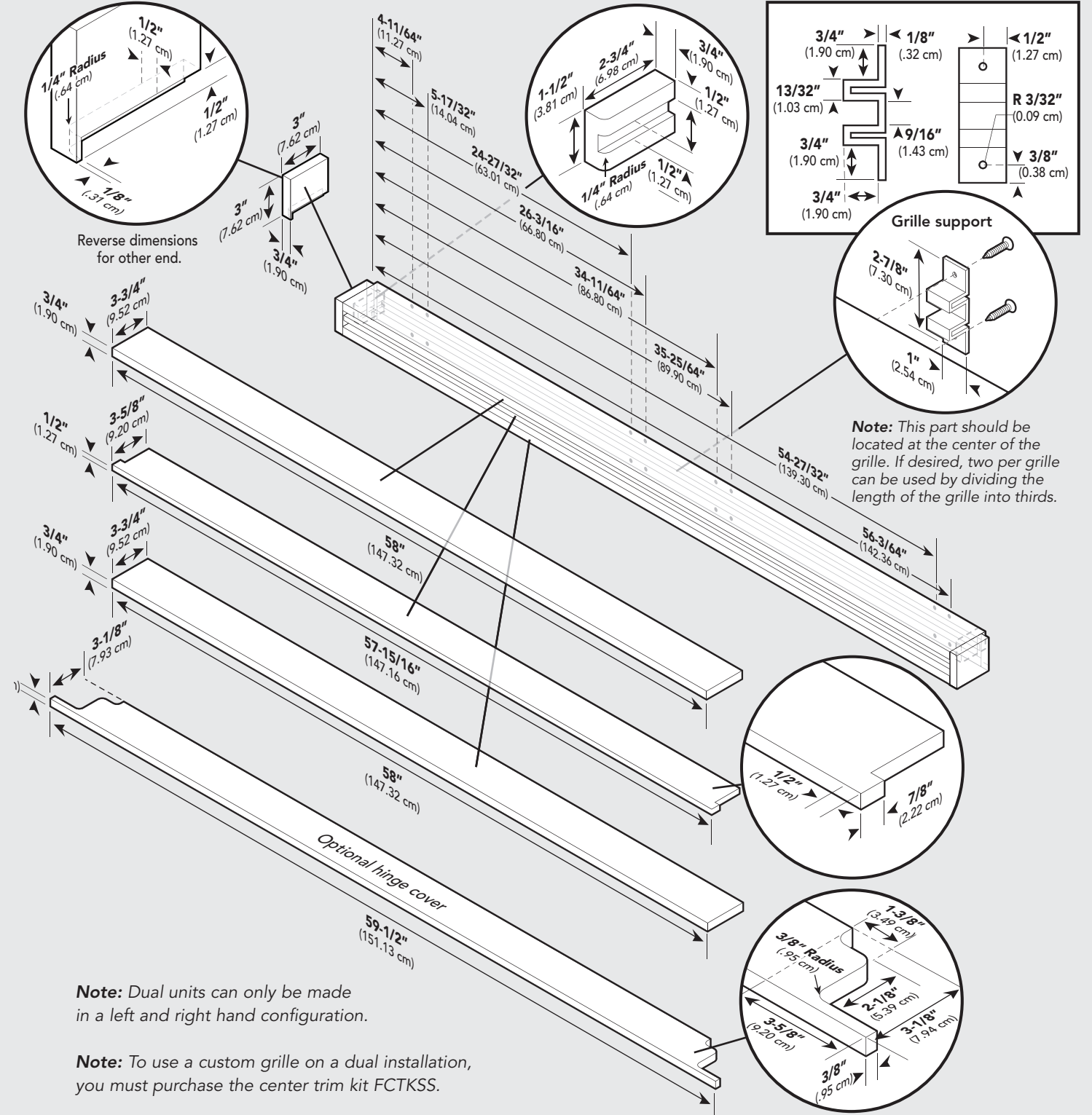
Custom Grille Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

36" Custom Grille



Dual 30" Custom Grille

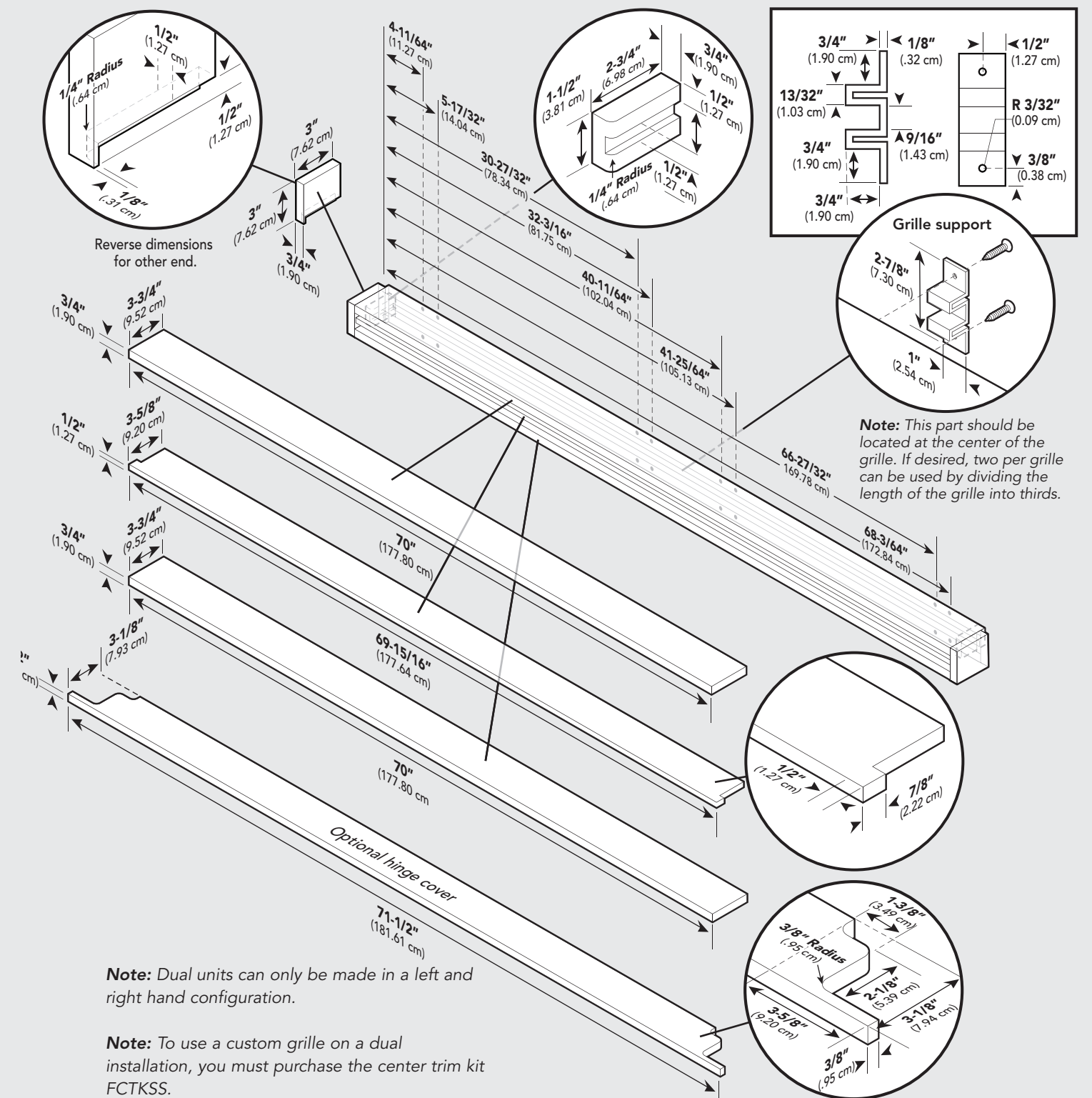
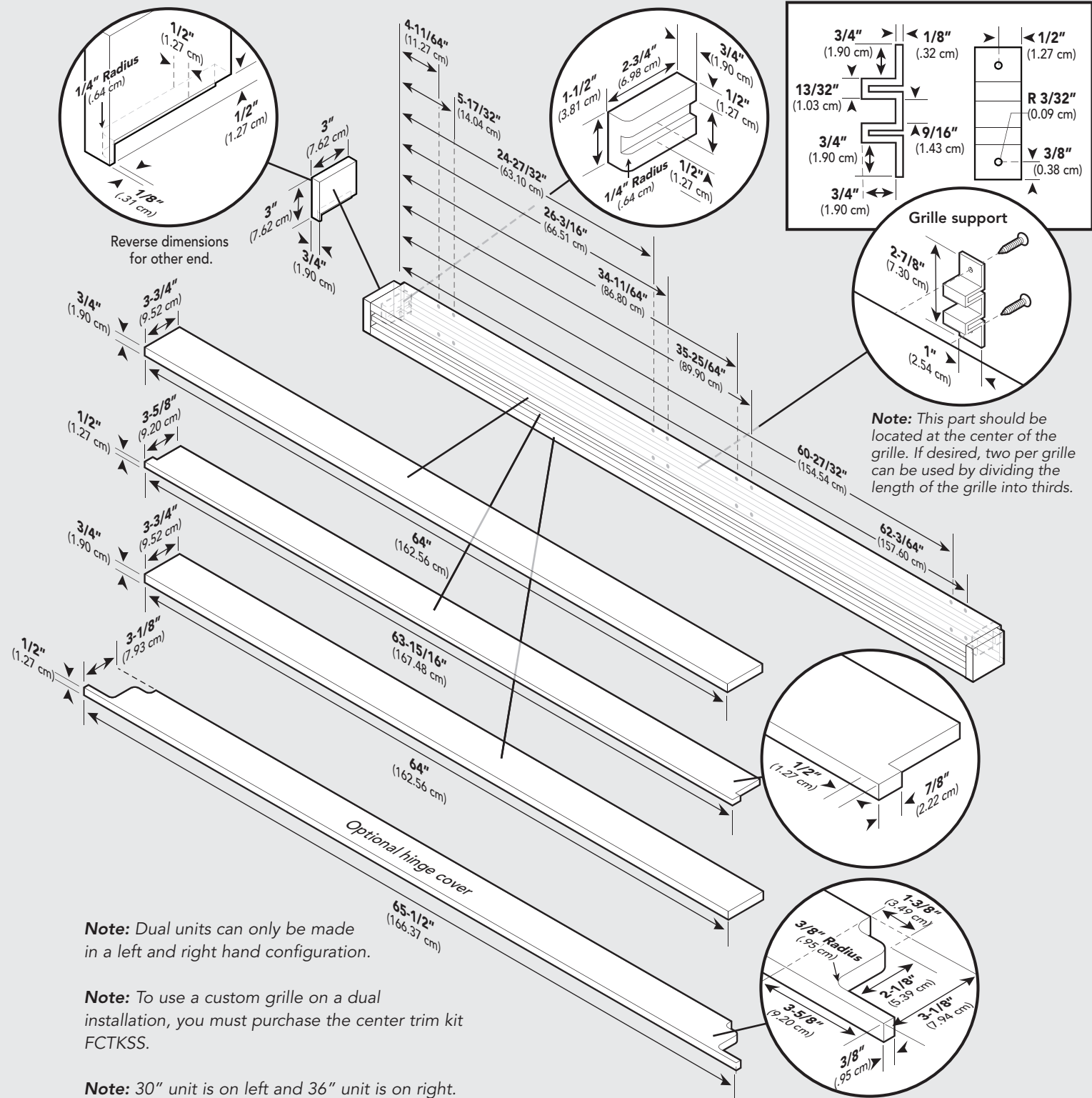


Custom Grille Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

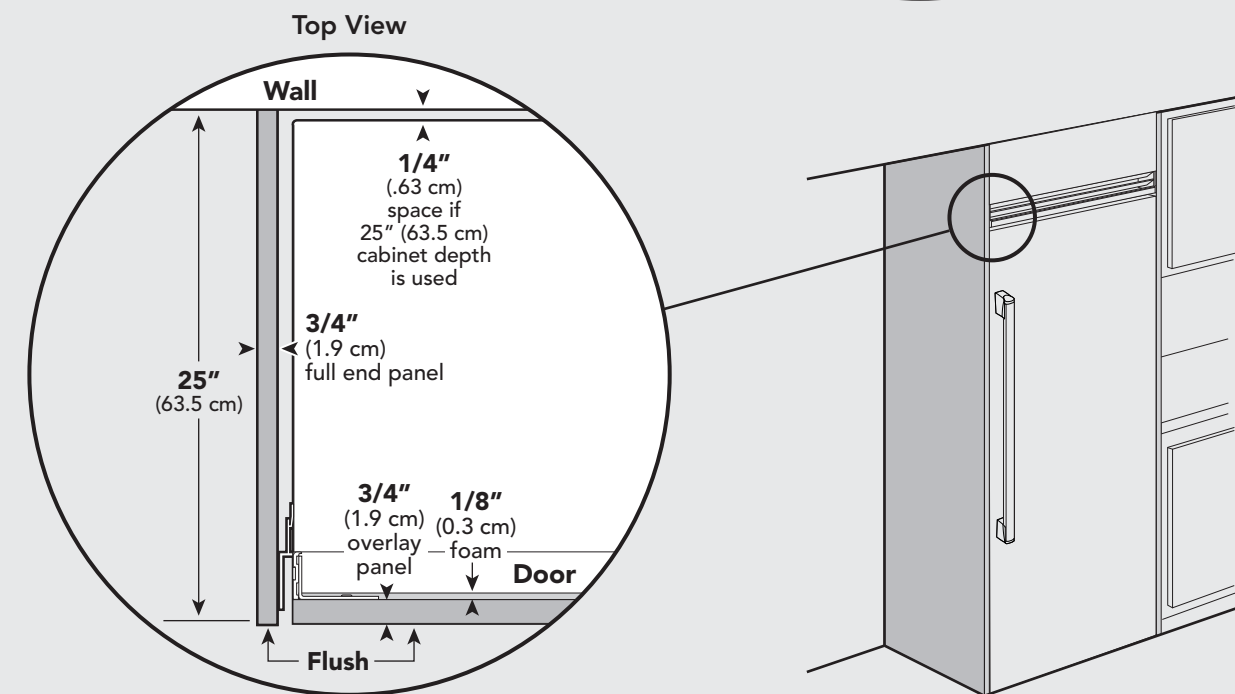
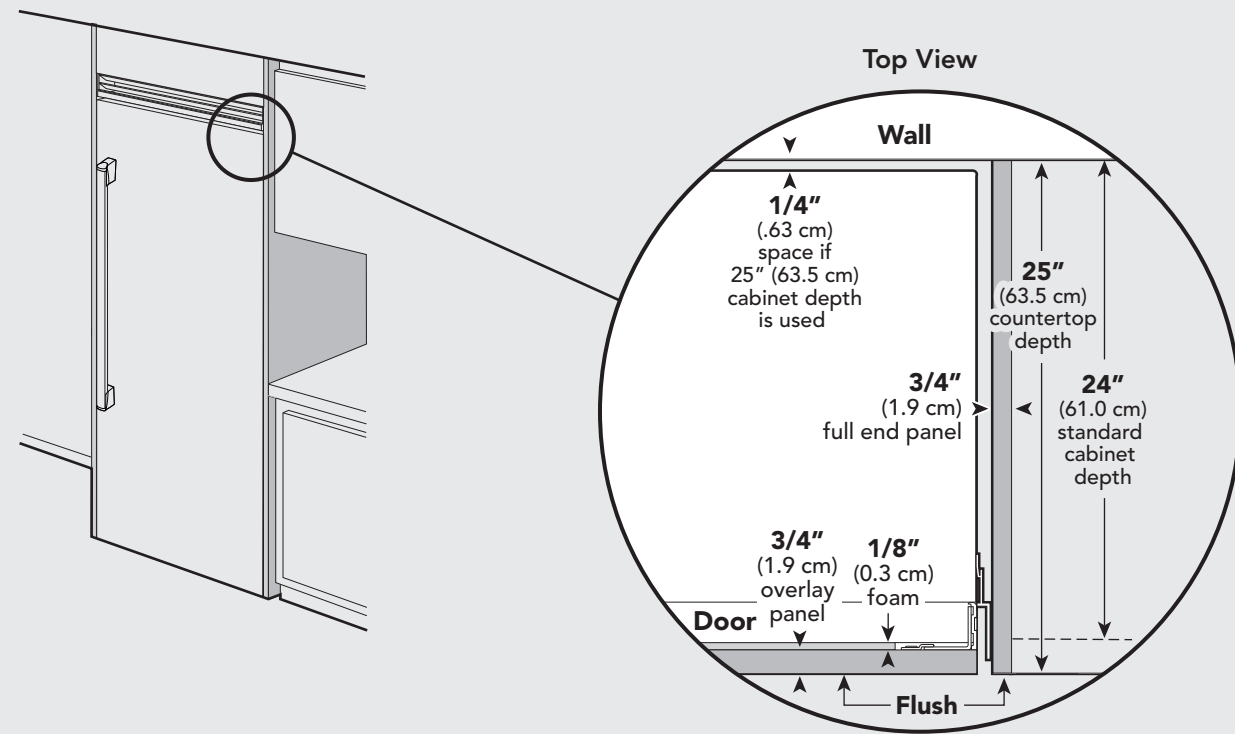
Dual 30" & 36" Custom Grille

Dual 36" Custom Grille



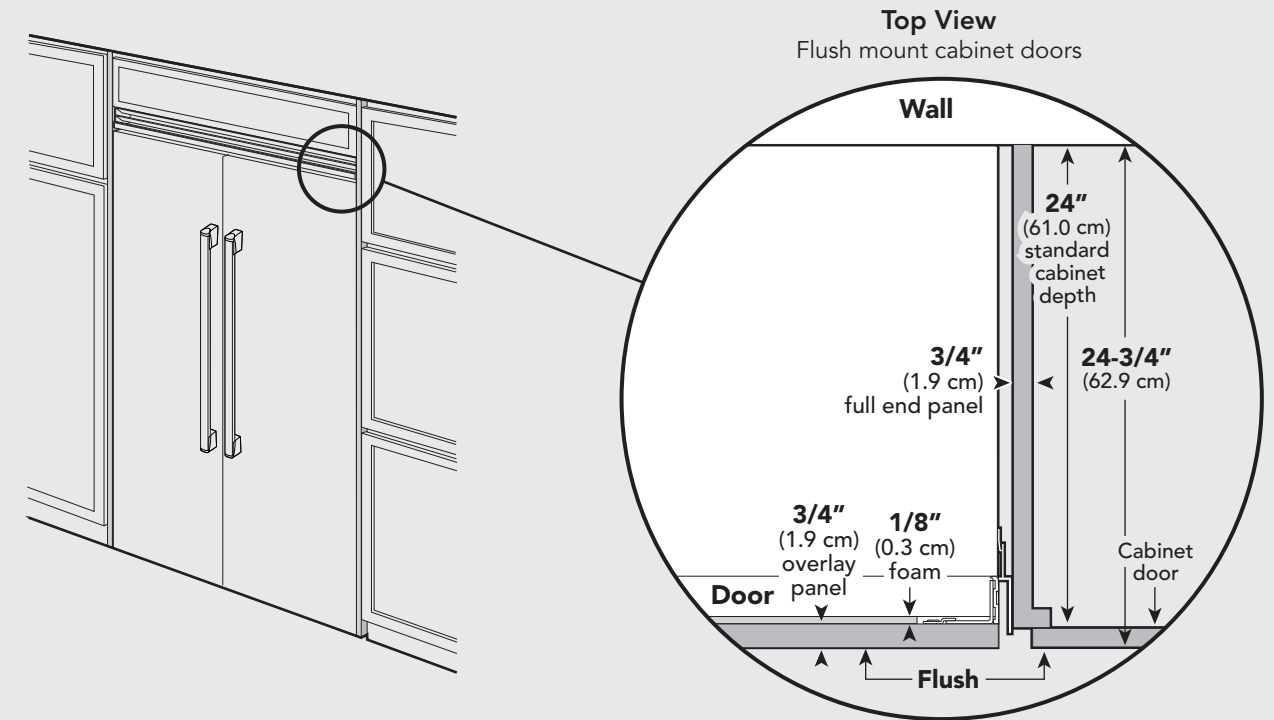
Cabinet Information

Custom panel models, (with 3/4" [1.9 cm], thick panels and custom handles locally supplied), fit flush in 25" (63.5 cm) deep (countertop depth) cabinet openings with no protrusion into room except custom handles

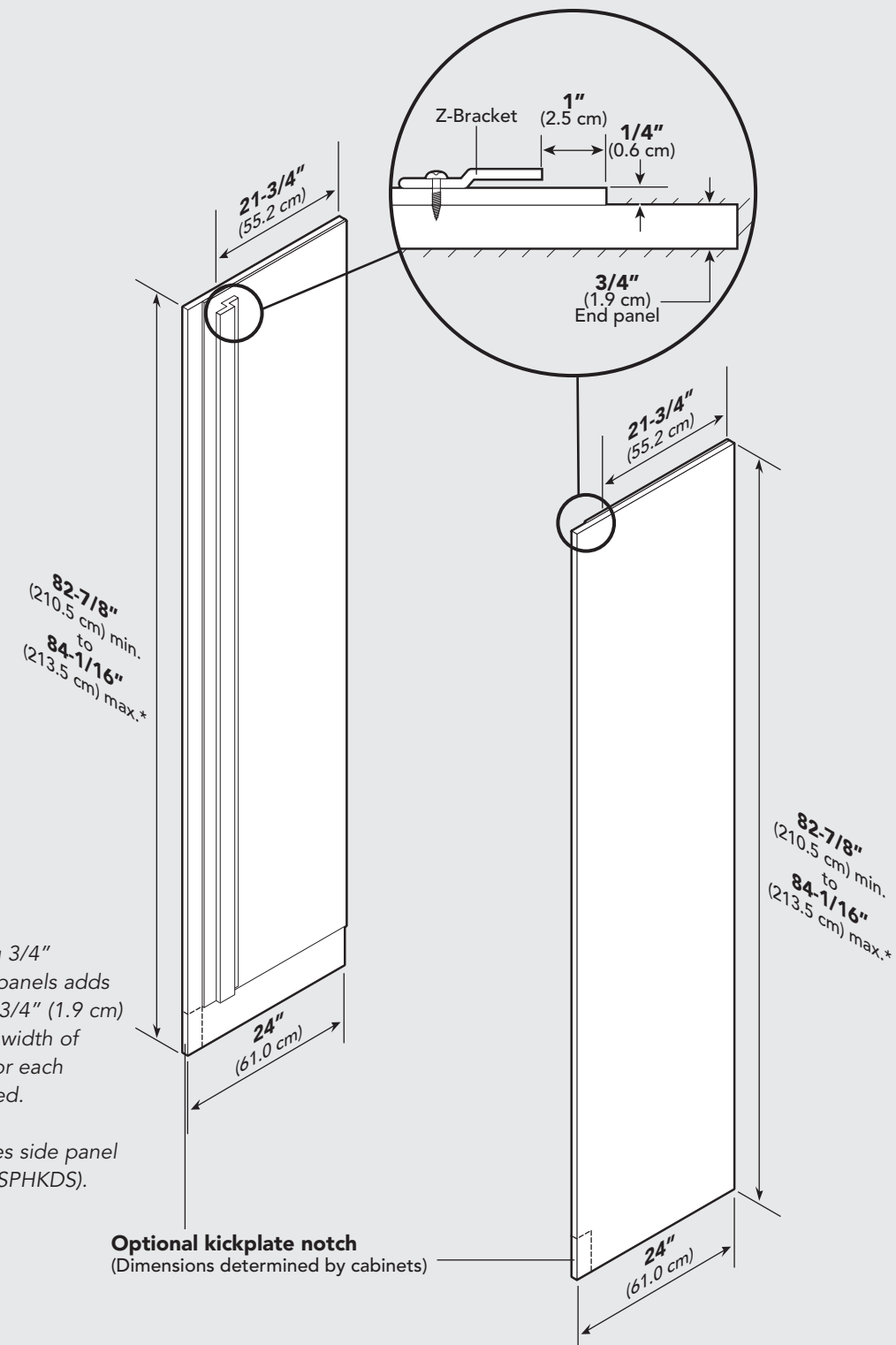


Cabinet Information

Custom panel models can be installed in standard 24" (61.0 cm) deep openings. However, the door faces and top ventilation grille will protrude 3/4" (1.9 cm) into the room. This is ideal for alignment with full overlay cabinet doors.



Custom Side Panel Dimensions



***Note:** Depending on how high leveling feet are raised, and cabinet enclosure height.

Custom Panel General Information

Custom finishing options

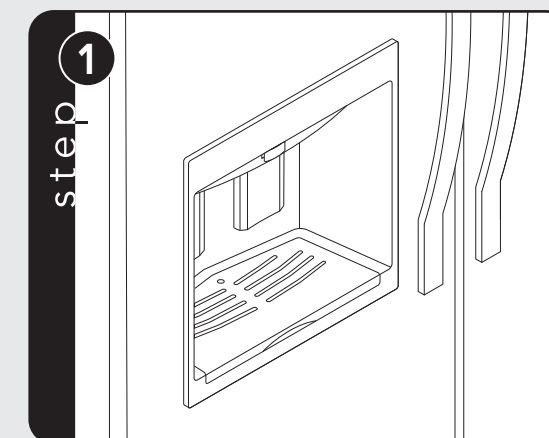
- All installations must allow for the refrigerator and freezer door to open a minimum of 90°.
- For side wall or corner installation, allow for a standard 3" (7.6 cm) cabinet filler to assure door(s) opens 90°.

Note: If a custom handle is used, a wider filler may be necessary.

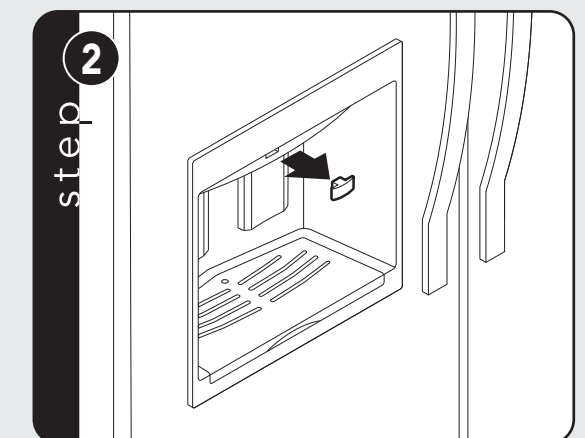
- Panel thickness must not exceed 1" (2.5 cm) on hinge side. Thicker panels will interfere with door swing and clearance.

Ice and Water Dispenser Bezel Removal (if required)

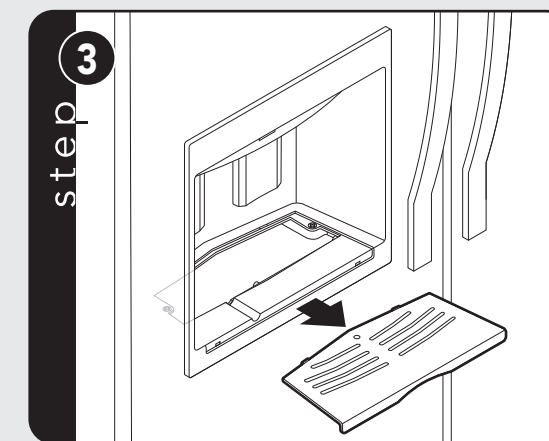
Note: Designer model shown.



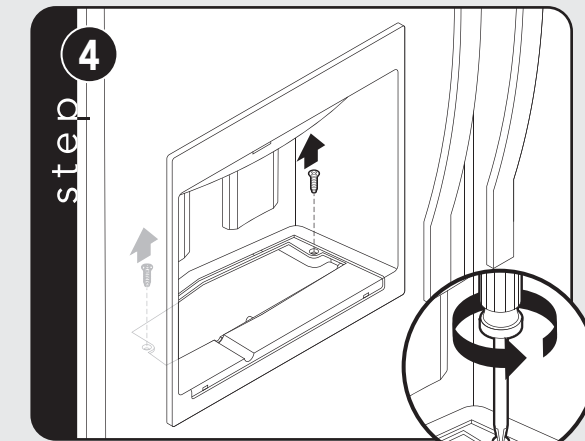
Remove packaging material surrounding bezel.



Grasping the sliding lever, pull away from bezel.



Remove spill tray from lower part of bezel exposing 2 screws.



Remove screws.

General Information

Area Requirements

Verify the following:

- Unit can fit into residence and can be moved around corners and through doorways.
- Floors can support unit's weight plus food weight (approximately 1200 pounds [540 kg] per unit).
- Rear wall is solid and is able to support two horizontally mounted 2 x 4s (included) bolted to two wall studs. The 2 x 4 board bolt heads must be flush with 2 x 4 to prevent obstruction.
- Remove anything attached to rear or side walls that can obstruct unit installation.
- Cutout dimensions are accurate.
- Electrical outlet is in correct location.
- Water line is in correct location.
- **DO NOT** install a refrigeration unit near a heat source, nor in a location where the surrounding temperature will fall below 60° F (16° C).

Electrical Requirements

It is the customer's responsibility to:

- Contact a qualified electrical installer.
- Assure that the electrical installation is adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or Canadian Electrical Code C22.1-1998 and C22.2 No. 0-M91 (or latest edition), and all local

codes and ordinances. A 115 volt, 60-Hz, 15 amp, fused, electrical supply is required. It is required that a separate circuit serving only this appliance be provided. This appliance is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong, grounding-type wall receptacle. **DO NOT use an extension cord.**

If codes permit a separate grounding wire to be used, it is recommended that a qualified electrician determine that the grounding path is adequate.

DO NOT ground to a gas line. Check with a qualified electrician if you are not sure if the appliance is properly grounded. **DO NOT** have a fuse in the neutral or grounding circuit.

Anti-Tip Requirements

The anti-tip boards should be fastened into position prior to moving the unit into the opening.

Note: *Additional mounting boards may be required if the unit does not touch the back wall of the enclosure. To prevent unit from tipping forward, it must be secured in place with a solid soffit or wood block.*

General Information

Water Supply Requirements

⚠ WARNING

To avoid serious illness or death, **DO NOT** use unit where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.

Use only 1/4" (6 mm) copper tubing for water line. DO NOT install copper tubing in area where temperatures drop below 35° F (1.7° C). Before attaching copper tubing to the unit, flush at least 2 quarts (1.9 L) of water through the copper tubing and into a bucket to remove any particles in the water line.

- **Viking Range Corporation is not responsible for property damage due to improper installation or water connection.**
- Connect 1/4" (6 mm) flexible copper tubing to household plumbing in compliance with local codes and ordinances.
- Length of copper tubing must reach from water supply connection to the unit connection with an additional length to facilitate moving the unit out of enclosure for cleaning or service. Tubing should be soft instead of rigid and ends should be free of burrs.

- Copper tubing route must be above 35° F (1.7° C) to prevent water line from freezing.
- **DO NOT use plastic water lines from the household plumbing to the water inlet valve connection on the refrigeration unit.**
- **DO NOT** use the self-piercing feature of a saddle valve. The hole made by the piercing lance is too small for the water flow rate required by the ice maker.
- If saddle valve is not used, place a separate shut-off valve in an easily accessible location between water supply and the unit. **DO NOT** install shut-off valve behind the unit.
- The installation of Viking units with a reverse osmosis system is acceptable **as long as the water pressure remains within the allowable PSI as stated below.** It is important to note that with many reverse osmosis systems, the pressure starts off high, but then it decreases as the water level of the reverse osmosis storage area drops. This must be considered when checking the water pressure coming into the unit.
- Connect a vertical or horizontal 1/2" (1.2 cm) to 1-1/4" (3.2 cm) COLD water line near water area.
- Run water line through the floor, back, or side wall. Tubing should lay flat on floor underneath the unit. Clamp tubing to wall or floor.
- Water pressure must be greater than 20 psi and less than 120 psi on non-dispensers and greater than 35 psi and less than 120 psi on dispensers.

CUSTOM PANEL-REFRIGERATION

Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer

—FDRB5301/5361, FDFB5301/5361



Dimensions & Specifications

CUSTOM PANEL DIMENSIONS



FDRB5301



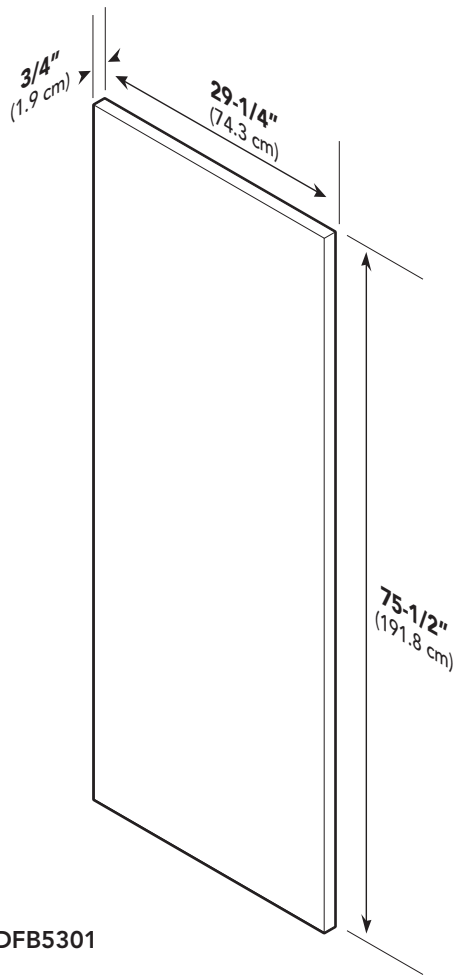
FDRB5361



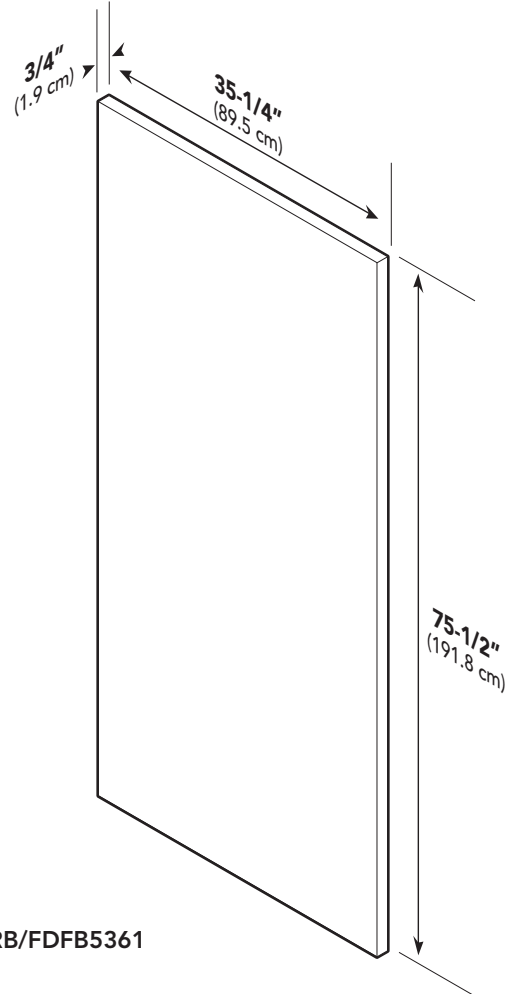
FDFB5301



FDFB5361



FDRB/FDFB5301



FDRB/FDFB5361

Note: Panel overlays must be dry, solid, straight one piece panels. The use of multiple panel pieces to achieve the dimensions is not recommended.

	FDRB5301	FDRB5361	FDFB5301	FDFB5361
Overall panel width	29-1/4" (74.3 cm)	35-1/4" (89.5 cm)	29-1/4" (74.3 cm)	35-1/4" (89.5 cm)
Overall panel height	75-1/2" (191.8 cm)			
Overall panel depth	3/4" (1.9 cm)*			
Maximum panel weight	50 lbs. (22.7 kg)	60 lbs. (27.2 kg)	50 lbs. (22.7 kg)	60 lbs. (27.2 kg)

*Panel thickness must not exceed 1" (2.5 cm) on hinge side. Thicker panels will interfere with door swing and clearance.

CUSTOM PANEL-REFRIGERATION

Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer

—FDRB5301/5361, FDFB5301/5361



Dimensions & Specifications

CUSTOM SIDE PANEL DIMENSIONS



FDRB5301



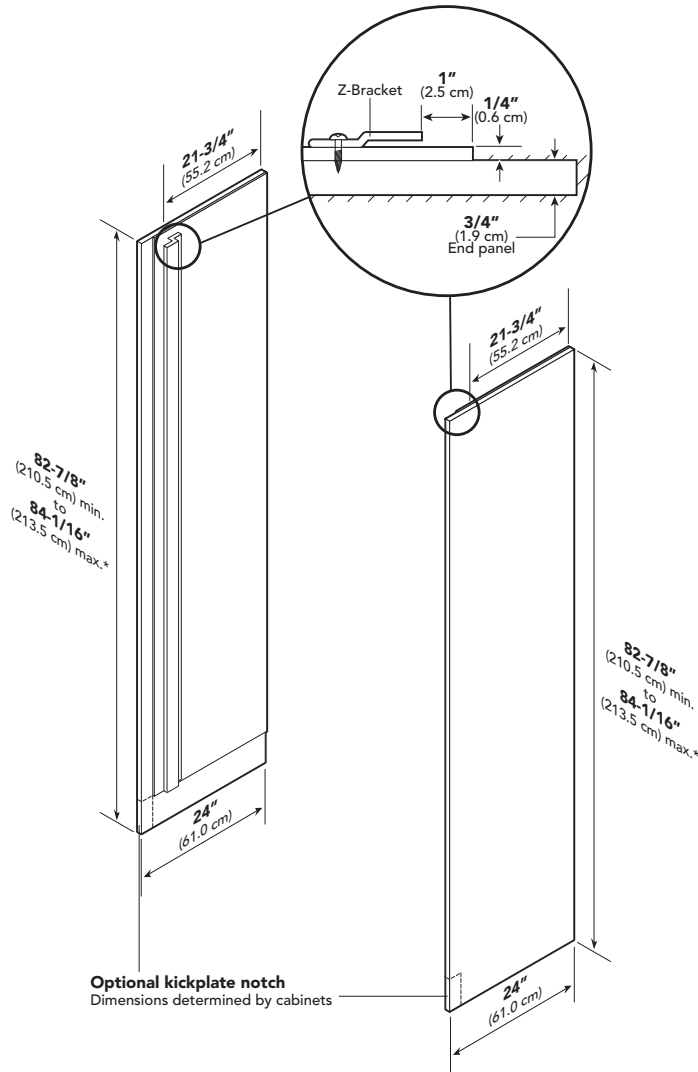
FDRB5361



FDFB5301



FDFB5361



Note: Adding a 3/4" (1.9 cm) side panel adds an additional 3/4" (1.9 cm) to the overall width of the product for each side panel. Requires side panel hardware kit (Kit model number – SPHKDS)

FDRB5301/FDRB5361/FDFB5301/FDRB5361	
Overall panel width	3/4" (1.9 cm)
Overall panel height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.*
Overall panel depth	24" (61.0 cm)

*Depending on how high leveling feet are raised and cabinet enclosure height.

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"W. All Refrigerator/All Freezer—FDRB5301, FDFB5301

Dimensions & Specifications

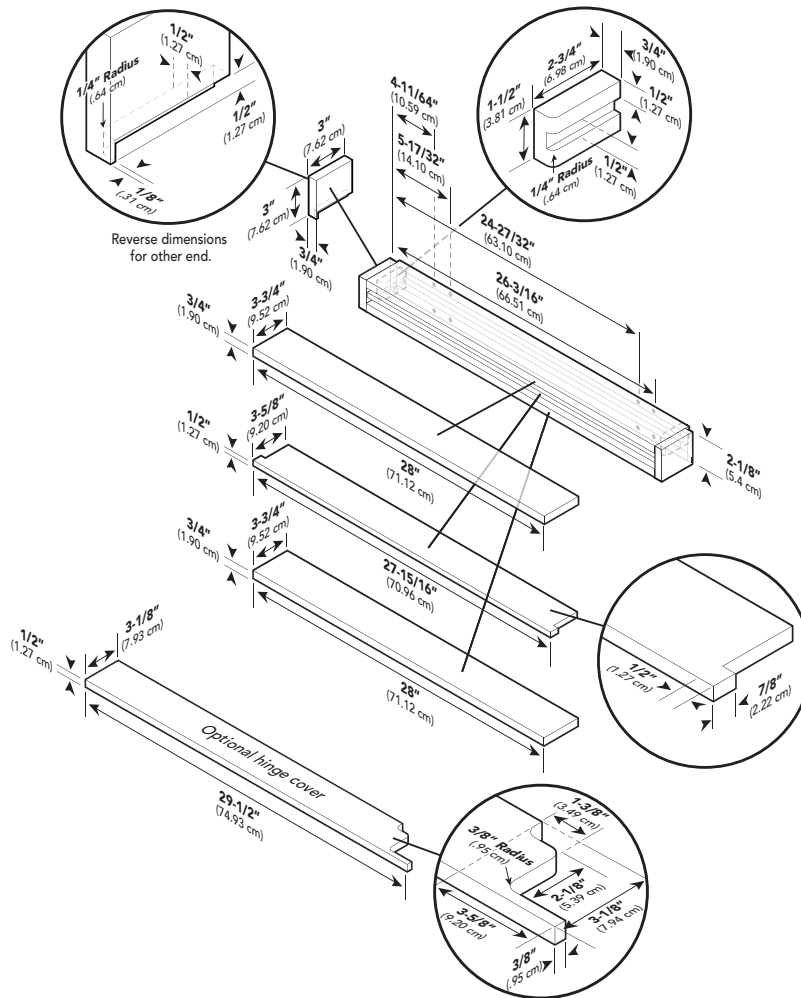
CUSTOM GRILLE DIMENSIONS



FDRB5301



FDFB5301



FDRB/FDFB5301	
Overall grille width	29-1/2" (74.9 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)



CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"W. All Refrigerator/All Freezer—FDRB5301, FDFB5301

Dimensions & Specifications

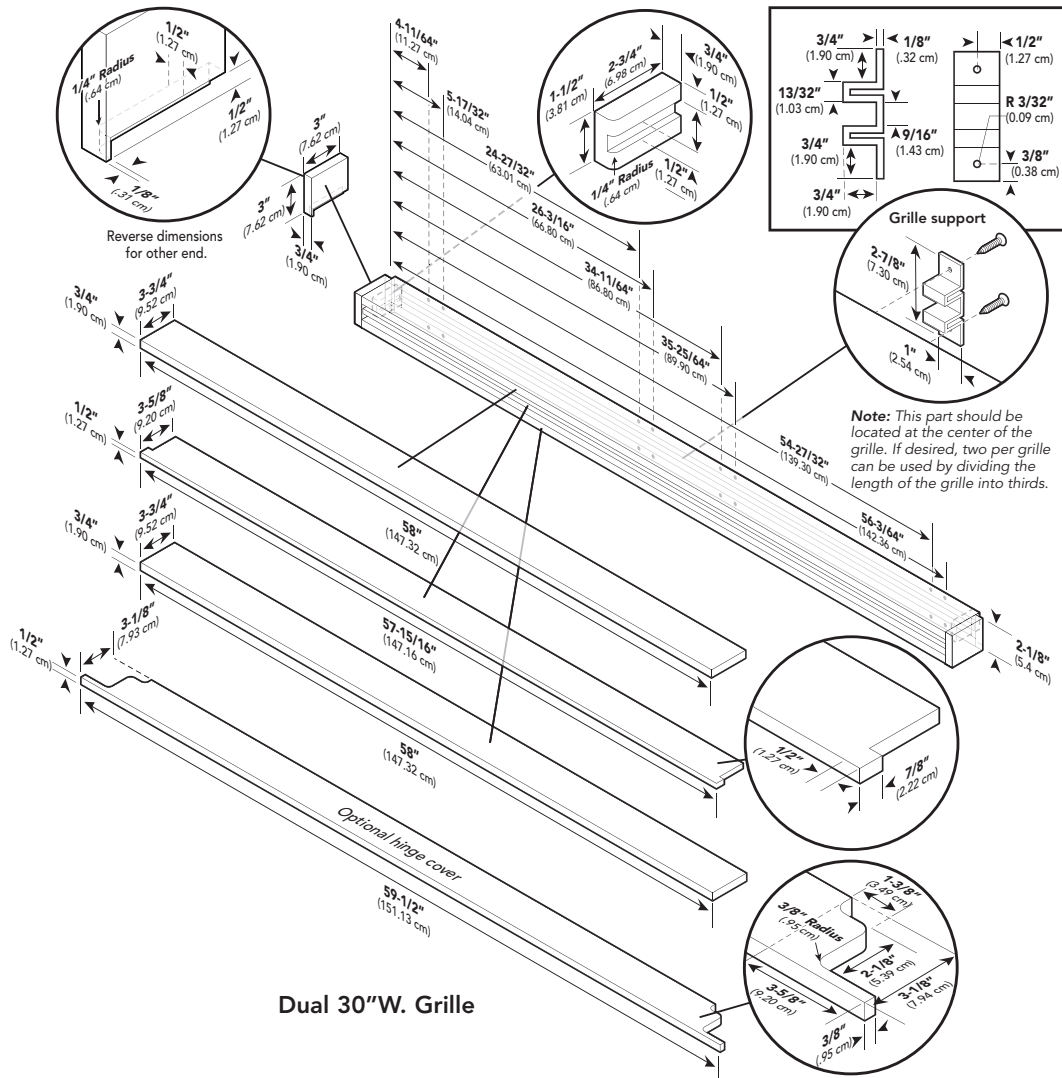
CUSTOM GRILLE DIMENSIONS – DUAL 30"W. ALL REFRIGERATOR/ALL FREEZER INSTALLATION



FDRB5301



FDFB5301



Note: Dual units can only be made in a left and right hand configuration. To use a custom 60"W. grille, you must purchase the center trim kit FCKSS.

FDRB5301/FDFB5301	
Overall grille width	59-1/2" (151.1 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 36"W. All Refrigerator/All Freezer—FDRB5361, FDFB5361

Dimensions & Specifications

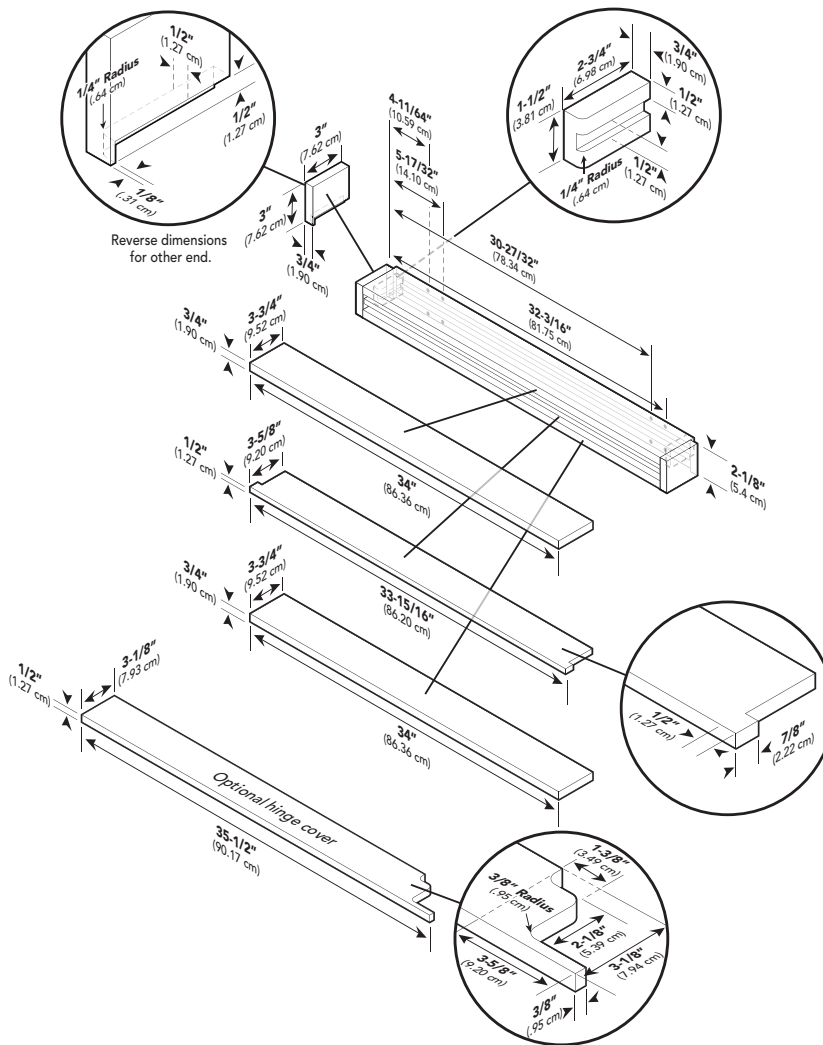
CUSTOM GRILLE DIMENSIONS



FDRB5361



FDFB5361



FDRB/FDFB5361	
Overall grille width	35-1/2" (90.1 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)



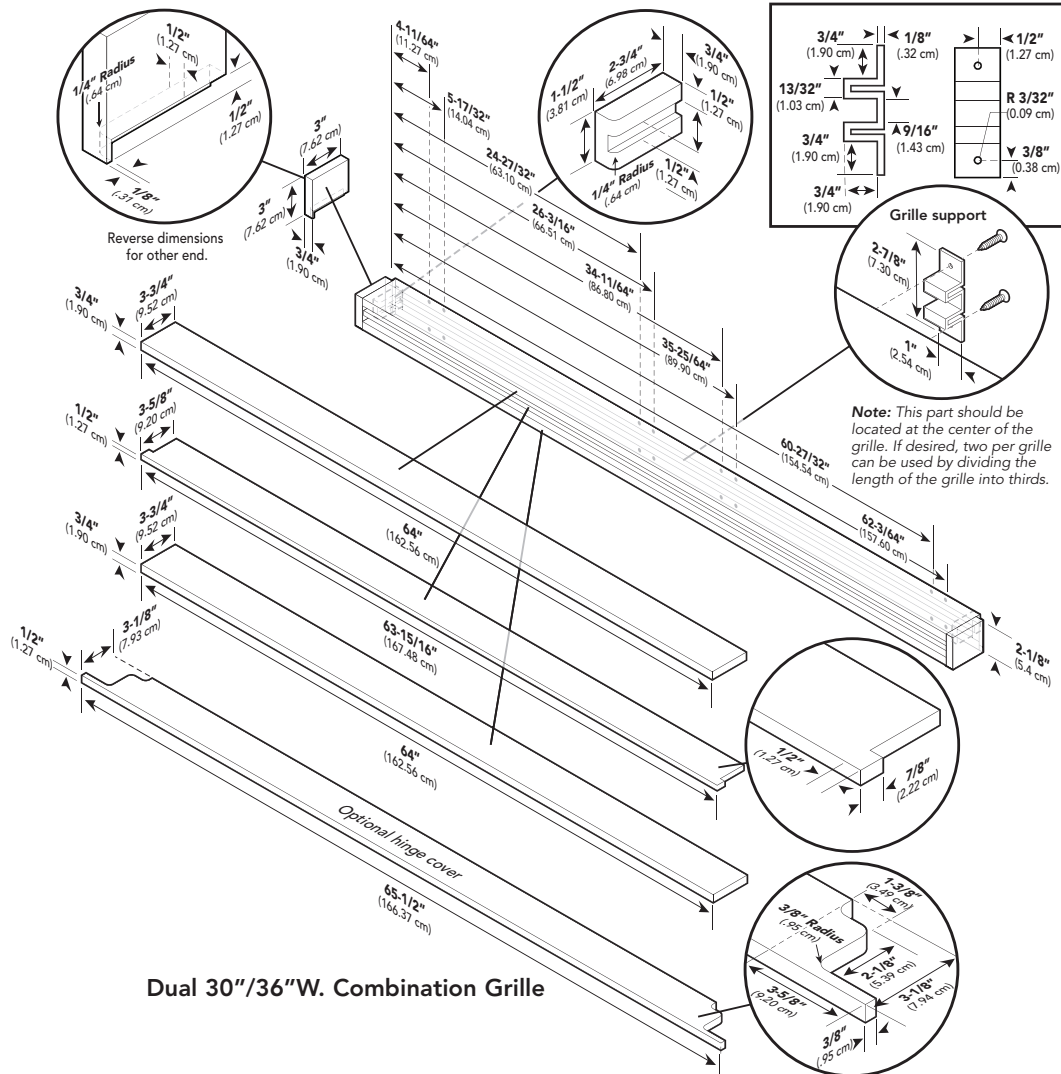
CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer
 —FDRB5301/5361, FDFB5301/5361—(1) 30" Unit & (1) 36" Unit

Dimensions & Specifications

CUSTOM GRILLE DIMENSIONS – DUAL ALL REFRIGERATOR/ALL FREEZER INSTALLATION



Dual 30"/36"W. Combination Grille

Note: Dual units can only be made in a left and right hand configuration. To use a custom 66"W. grille, you must purchase the center trim kit FCTKSS.

	FDRB5301	FDRB5361	FDFB5301	FDFB5361
Overall grille width			65-1/2" (166.4 cm)	
Overall grille height			3" (7.6 cm)	
Overall grille depth			3-3/4" (9.5 cm)	

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 36"W. All Refrigerator/All Freezer—FDRB5361, FDFB5361

Dimensions & Specifications

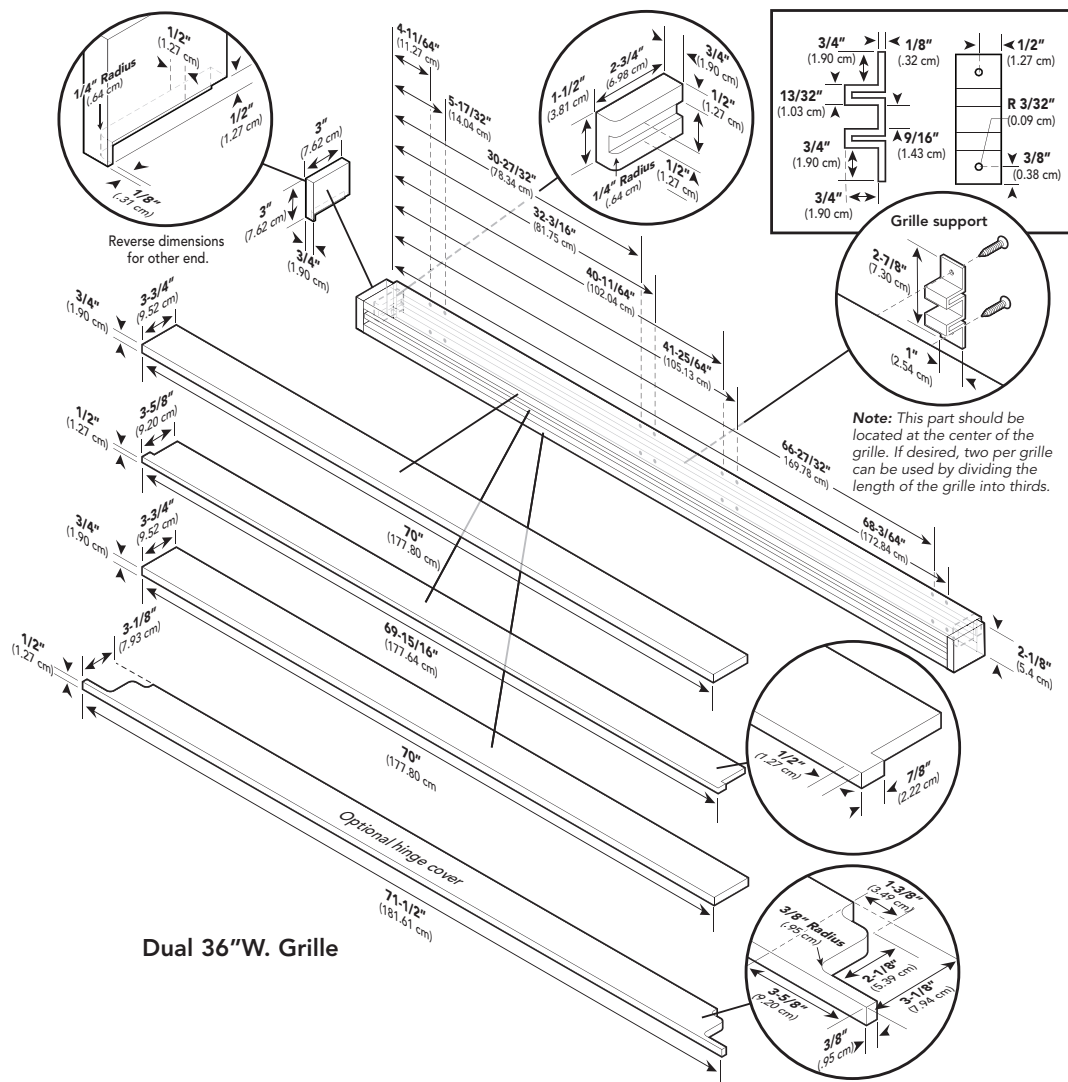
CUSTOM GRILLE DIMENSIONS – DUAL 36"W. ALL REFRIGERATOR/ALL FREEZER INSTALLATION



FDRB5361



FDFB5361



Dual 36"W. Grille

Note: Dual units can only be made in a left and right hand configuration. To use a custom 72"W. grille, you must purchase the center trim kit FCKSS.

FDRB5361/FDFB5361	
Overall grille width	71-1/2" (181.6 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)



COOKING



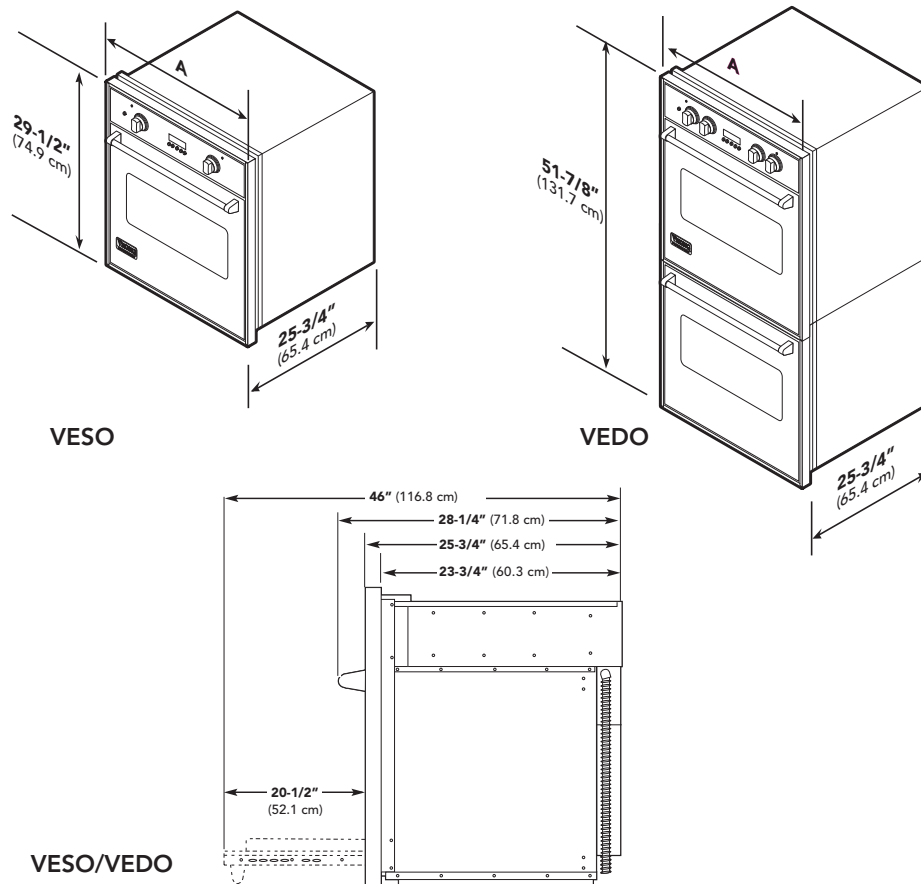
Professional Custom Select & Premiere Built-In Electric 27"/30"W. Single/Double Oven

Dimensions & Specifications

PRODUCT DIMENSIONS & DOOR SWING



VESO1272/1302 Professional Custom Select Single Oven VEDO1272/1302 Professional Custom Select Double Oven VESO5272/5302 Professional Custom Premiere Single Oven VEDO5272/5302 Professional Custom Premiere Double Oven



★ Please see Installation Notes and Accessories for important installation information, including TruGlide™ Full Extension Oven Racks.

★ ALL MODELS Star-K Kosher certification for use on the Jewish Sabbath or Jewish holidays

	VESO1272/5272	VEDO1272/5272	VESO1302/5302	VEDO1302/5302
Overall width (A)	26-1/2" (67.3 cm)	26-1/2" (67.3 cm)	29-1/2" (74.9 cm)	29-1/2" (74.9 cm)
Overall height (from bottom)	29-1/2" (74.9 cm)	51-7/8" (131.7 cm)	29-1/2" (74.9 cm)	51-7/8" (131.7 cm)
Overall depth (from rear)				
To edge of door		25-3/4" (65.4 cm)		
With door open		46" (116.8 cm)		
Interior (each oven)				
Width	22-5/16" (56.7 cm)	22-5/16" (56.7 cm)	25-5/16" (64.3 cm)	25-5/16" (64.3 cm)
Height			16-1/2" (41.9 cm)	
Depth (upper oven)			16-13/16" (42.7 cm)	
Approx. ship weight	258 lbs. (117.6 kg)/ 273 lbs. (123.8 kg)	384 lbs. (174.2 kg)/ 409 lbs. (185.5 kg)	278 lbs. (126.1 kg)/ 293 lbs. (132.9 kg)	424 lbs. (192.3kg)/ 449 lbs. (203.7 kg)





Professional Custom Select & Premiere Built-In Electric 27"/30"W. Single/Double Oven

Installation Requirements

ACCESS REQUIREMENTS

UTILITY REQUIREMENTS



GAS

- Not applicable



ELECTRICAL

- Five-foot flexible steel conduit included. Equipped with No.10 ground wire in unit. Fuse separately.
 - o Four-wire with ground
 - o 240 – 208/120 V/60 Hz
 - o Required electrical connection
 - Singles—30
 - Doubles—50
 - o 50-amp electrical connection for doubles
- Max. amp usage—(240V/208V)
 - o Single—24.0/20.8
 - o Double—40.0/34.7



PLUMBING

Not applicable



VESO1272/1302
Professional Custom Select Single Oven



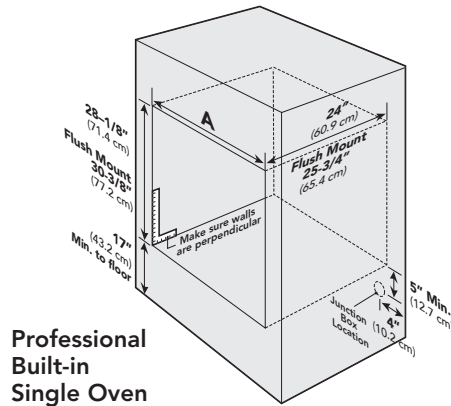
VEDO1272/1302
Professional Custom Select Double Oven



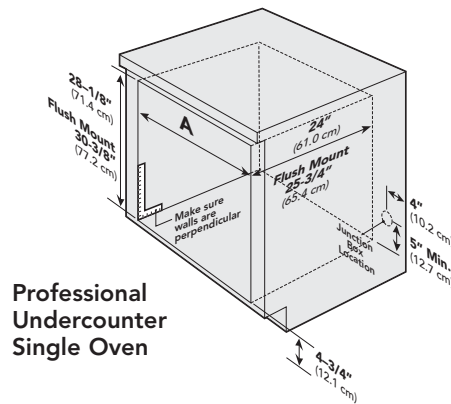
VESO5272/5302
Professional Custom Premiere Single Oven



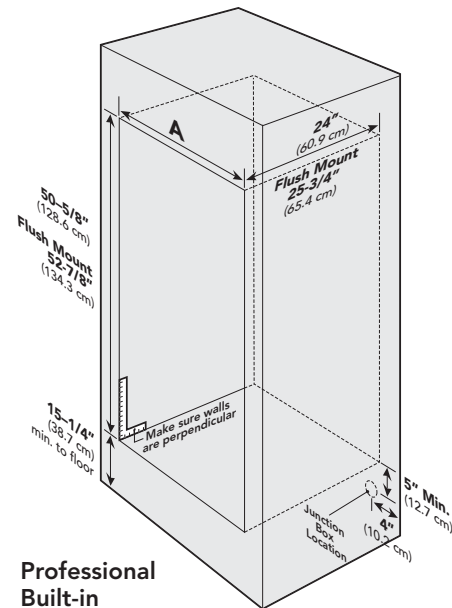
VEDO5272/5302
Professional Custom Premiere Double Oven



Professional Built-in Single Oven



Professional Undercounter Single Oven



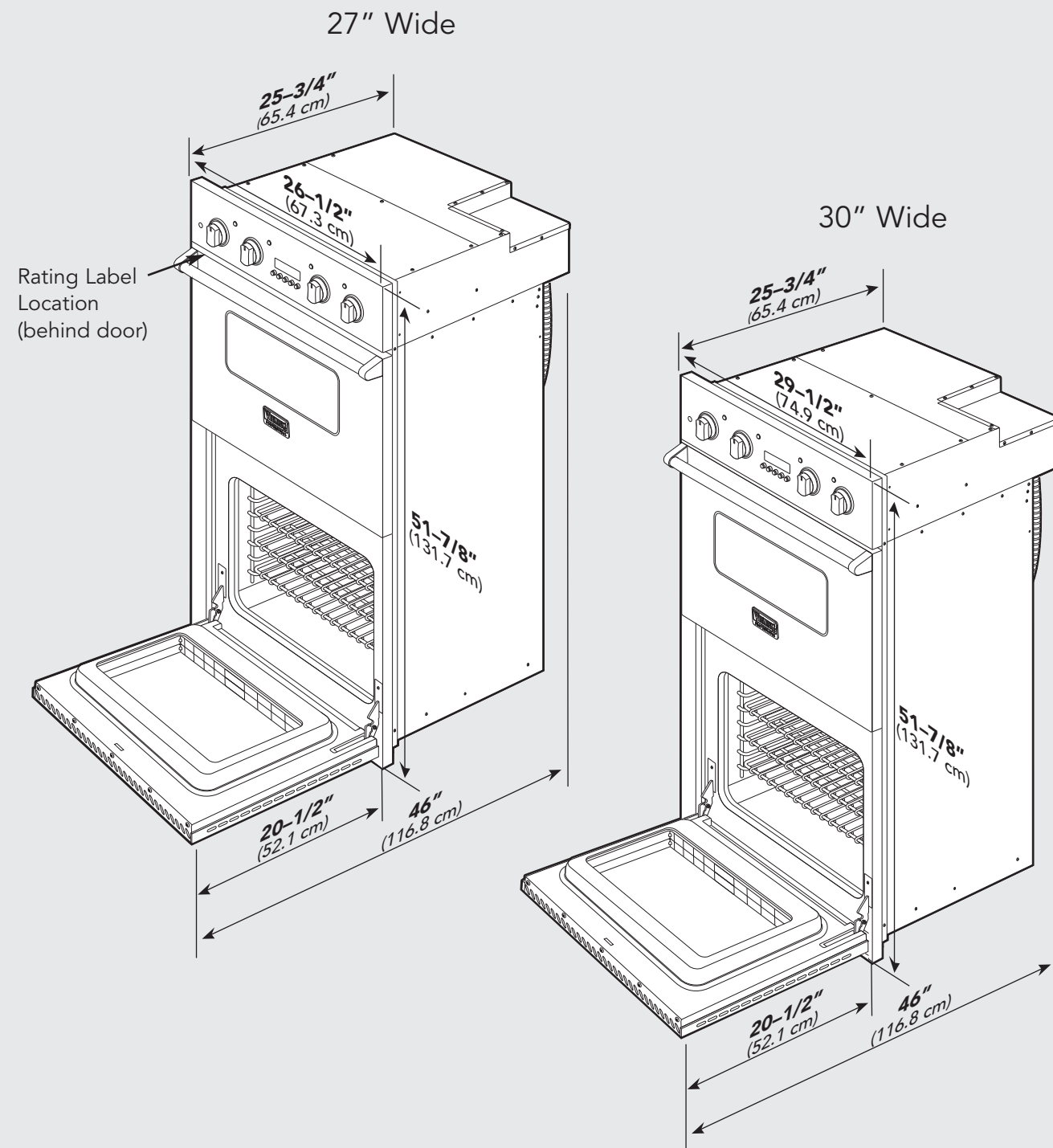
Professional Built-in Double Oven

	VESO1272/5272	VEDO1272/5272	VESO1302/5302	VEDO1302/5302
Cutout width (A)	Standard - 25-1/2" (64.8 cm)	Standard - 25-1/2" (64.8 cm)	Standard - 28-1/2" (72.4 cm)	Standard - 28-1/2" (72.4 cm)
	Flush Mount - 26-15/16" (68.4 cm)	Flush Mount - 26-15/16" (68.4 cm)	Flush Mount - 29-15/16" (76.0 cm)	Flush Mount - 29-15/16" (76.0 cm)
Cutout height (from bottom)	28-1/8" (71.4 cm)	50-5/8" (128.6 cm)	28-1/8" (71.4 cm)	50-5/8" (128.6 cm)
	Flush Mount - 30-3/8" (77.2 cm)	Flush Mount - 52-7/8" (134.3 cm)	Flush Mount - 30-3/8" (77.2 cm)	Flush Mount - 52-7/8" (134.3 cm)
Cutout depth	Standard - 24" (60.9 cm)			
	Flush Mount - 25-3/4" (65.4 cm)			



Dimensions—Double Oven

(Professional Series—Mechanical and Touch Control Models)



Specifications & Electrical Requirements

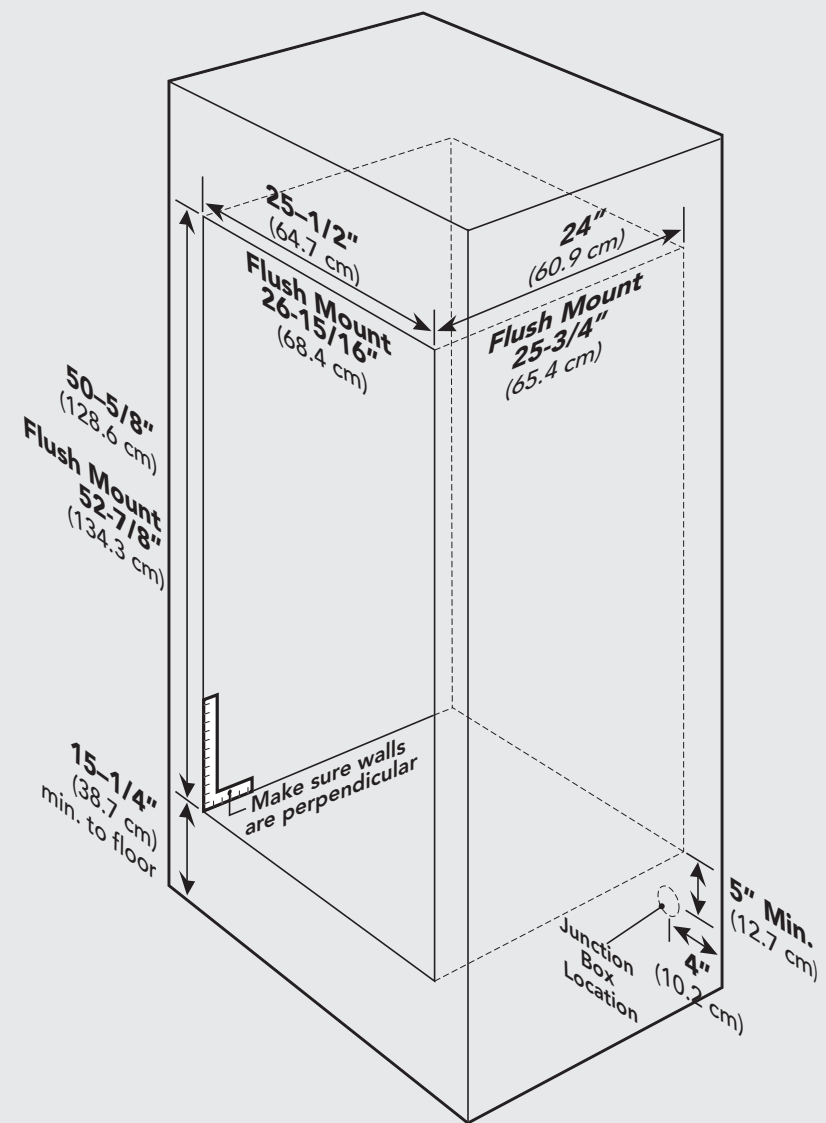
Professional Double Oven		
Description	VEDO1272/VEDO5272 - 27" Wide	VEDO1302(T)/VEDO5302(T)/ - 30" Wide
Overall Width	26-1/2" (67.3 cm)	29-1/2" (74.9 cm)
Overall Height	51-7/8" (131.7 cm)	
Overall Depth	to edge of door—25-3/4" (65.4 cm) with door open—46" (116.8 cm)	
Cutout Width	Standard—25-1/2" (64.8 cm) Flush Mount—26-15/16" (68.4 cm)	Standard—28-1/2" (72.4 cm) Flush Mount—29-15/16" (76.0 cm)
Cutout Height	Standard—50-5/8" (128.6 cm) Flush Mount—52-7/8" (134.3 cm)	
Cutout Depth	Standard—24" (60.9 cm) Flush Mount—25-3/4" (65.4 cm)	
Electrical Requirements	4-wire ground, 240VAC, 50 amp electrical connection Unit is equipped with No.10 ground wire in conduit. Should be fused separately.	
Maximum Amp Usage	40.0 amps—240 VAC 34.7 amps—208 VAC	
Oven Interior Width—both ovens	22-5/16" (56.7 cm)	25-5/16" (64.3 cm)
Oven Interior Height—both ovens	16-1/2" (41.9 cm)	
Oven Interior Depth	Upper Oven: 16-13/16" (42.7 cm) - AHAM 19-1/2" (49.5 cm) - Overall Lower Oven - VEDO1272/VEDO1302(T): 18-1/2" (46.9 cm) - AHAM 19-1/2" (49.5 cm) - Overall Lower Oven - VEDO5272/VEDO5302/VEDO5302T: 16-13/16" (42.7 cm) - AHAM 19-1/2" (49.5 cm) - Overall	
Oven Volume (measured to AHAM standard)*	Upper Oven: 3.6 cu. ft. Lower Oven: VEDO1272: 4.0 cu. ft. VEDO5272: 3.6 cu. ft.	Upper Oven: 4.1 cu. ft. Lower Oven: VEDO1302(T): 4.5 cu. ft. VEDO5302/VEDO5302T: 4.1 cu. ft.
Oven Volume (Overall)	Both Ovens: 4.1 cu. ft.	Both Ovens: 4.7 cu. ft.
Approximate Shipping Weight	360 lbs. (163 kg)	402 lbs. (182 kg)

*The AHAM Standard for measuring oven capacity subtracts the door plug and convection baffle dimension from the total oven volume.

Cutout Dimensions–Double Oven

(Professional Series–Mechanical and Touch Control Models)

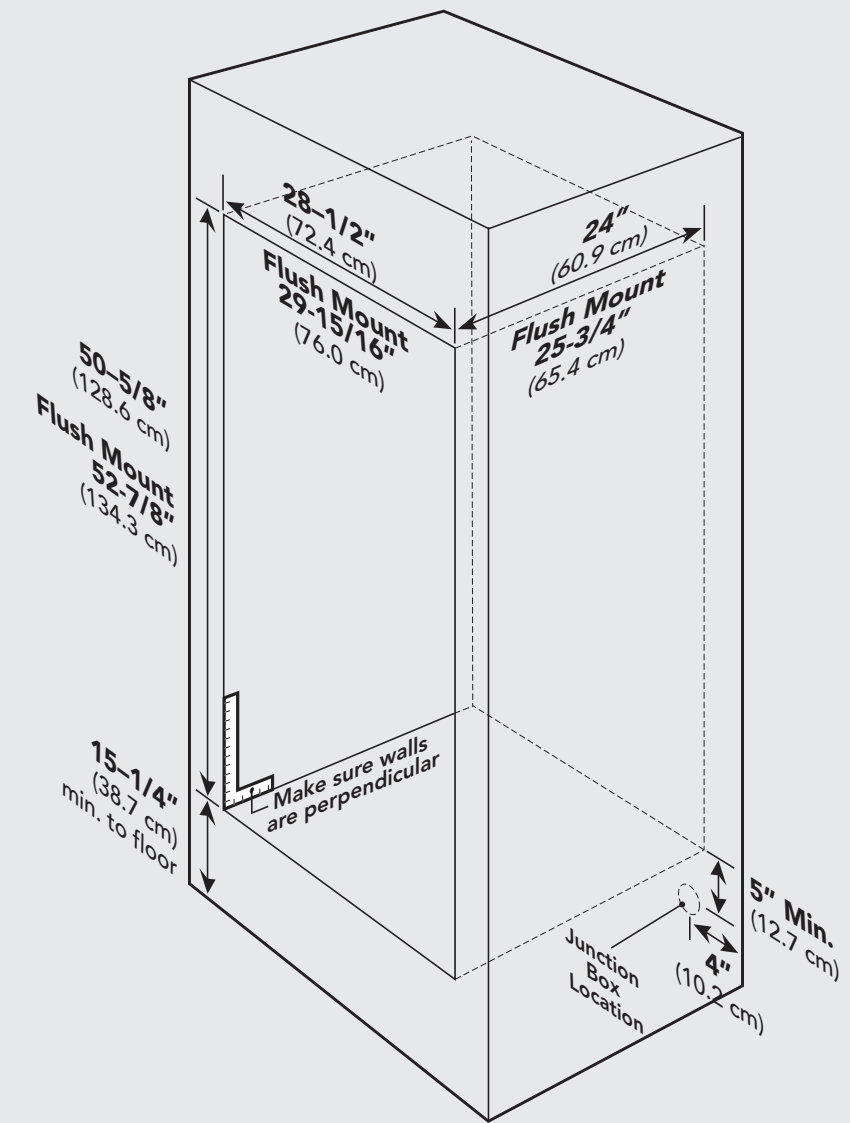
27" Wide Built-In



Cutout Dimensions–Double Oven

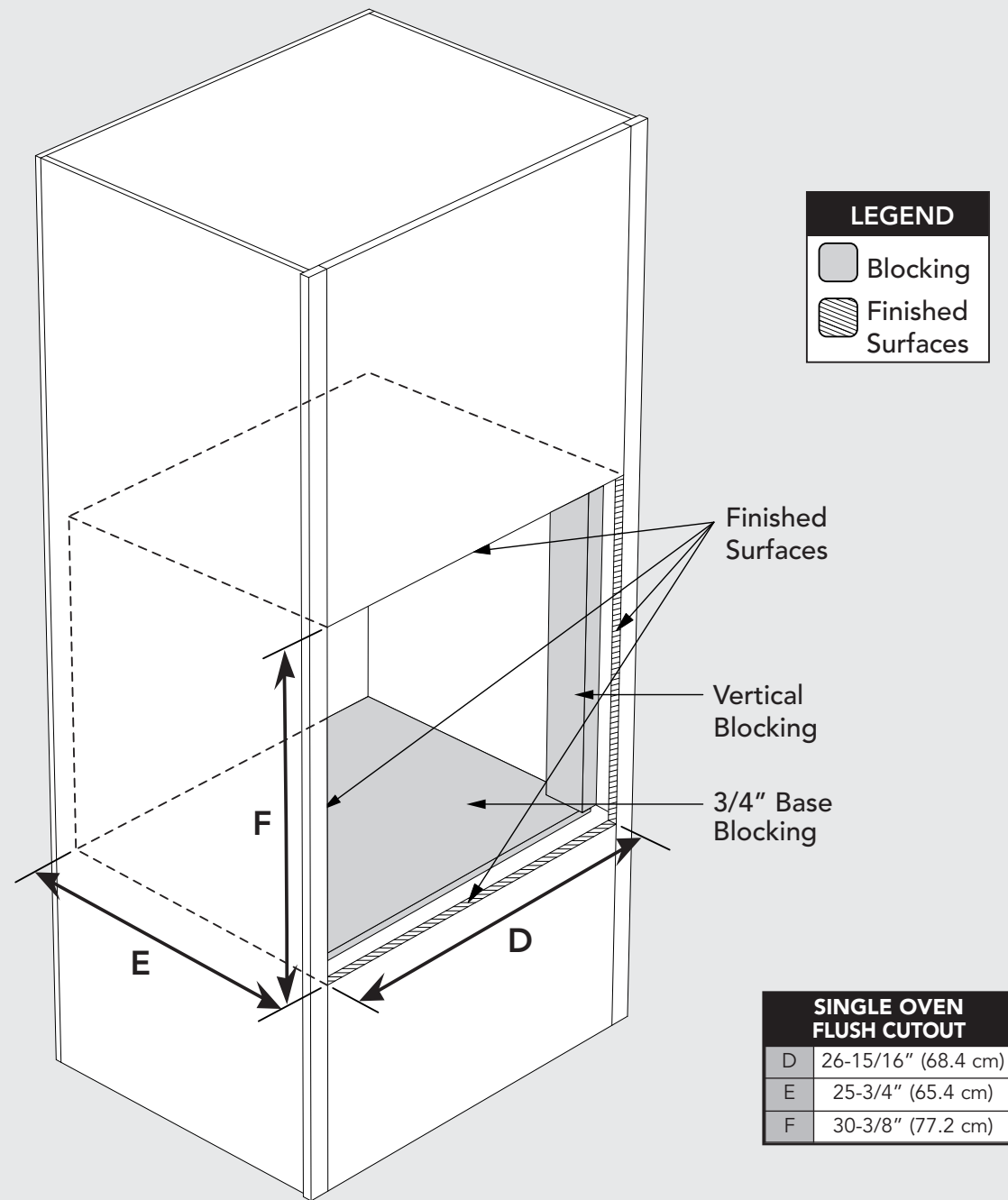
(Professional Series–Mechanical and Touch Control Models)

30" Wide Built-In



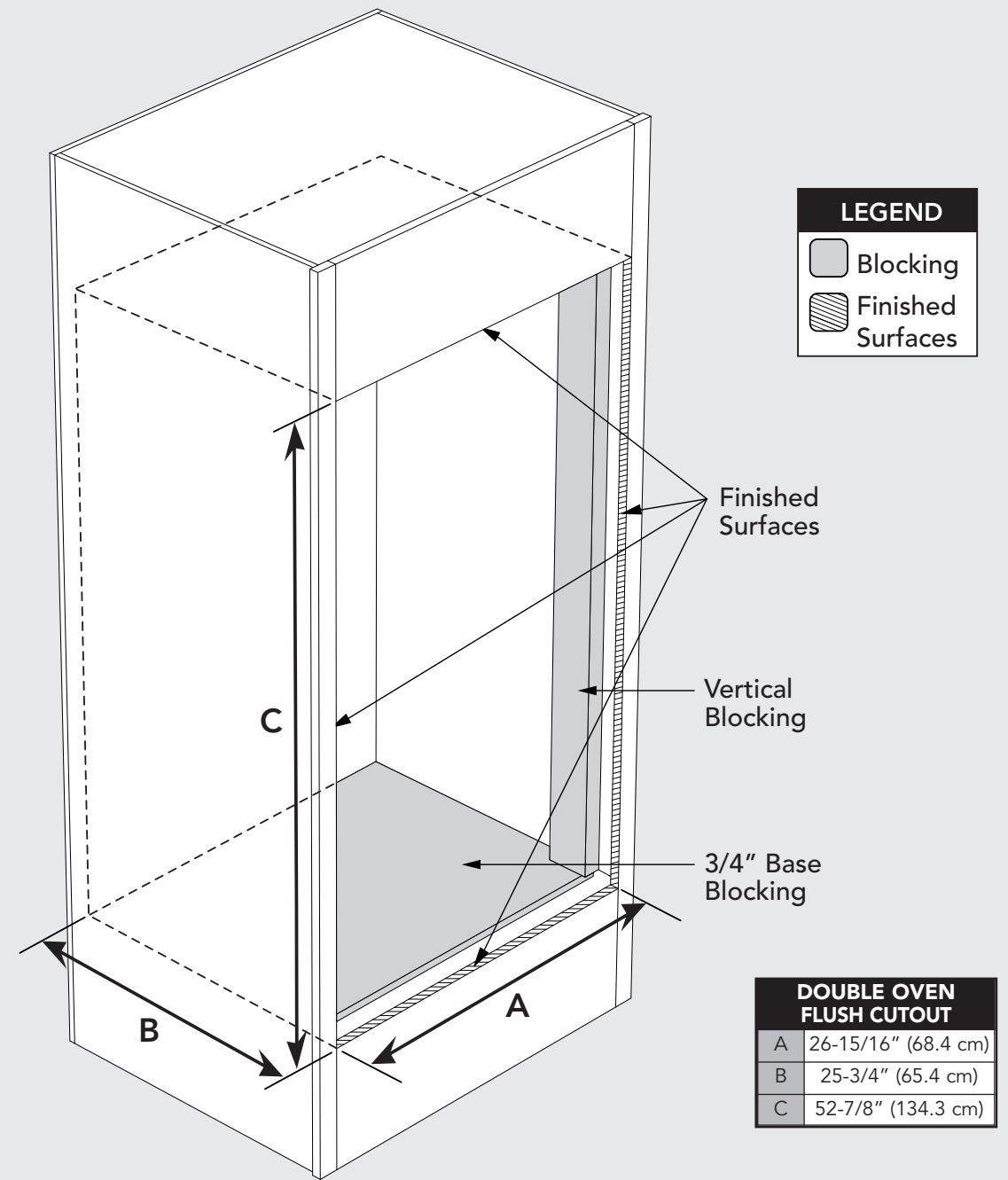
Note: A minimum of 2" (5.1 cm) spacing above and below the oven to any adjacent items is required for ventilation purposes.

Dimensions (27" Single Oven flush mount installation)



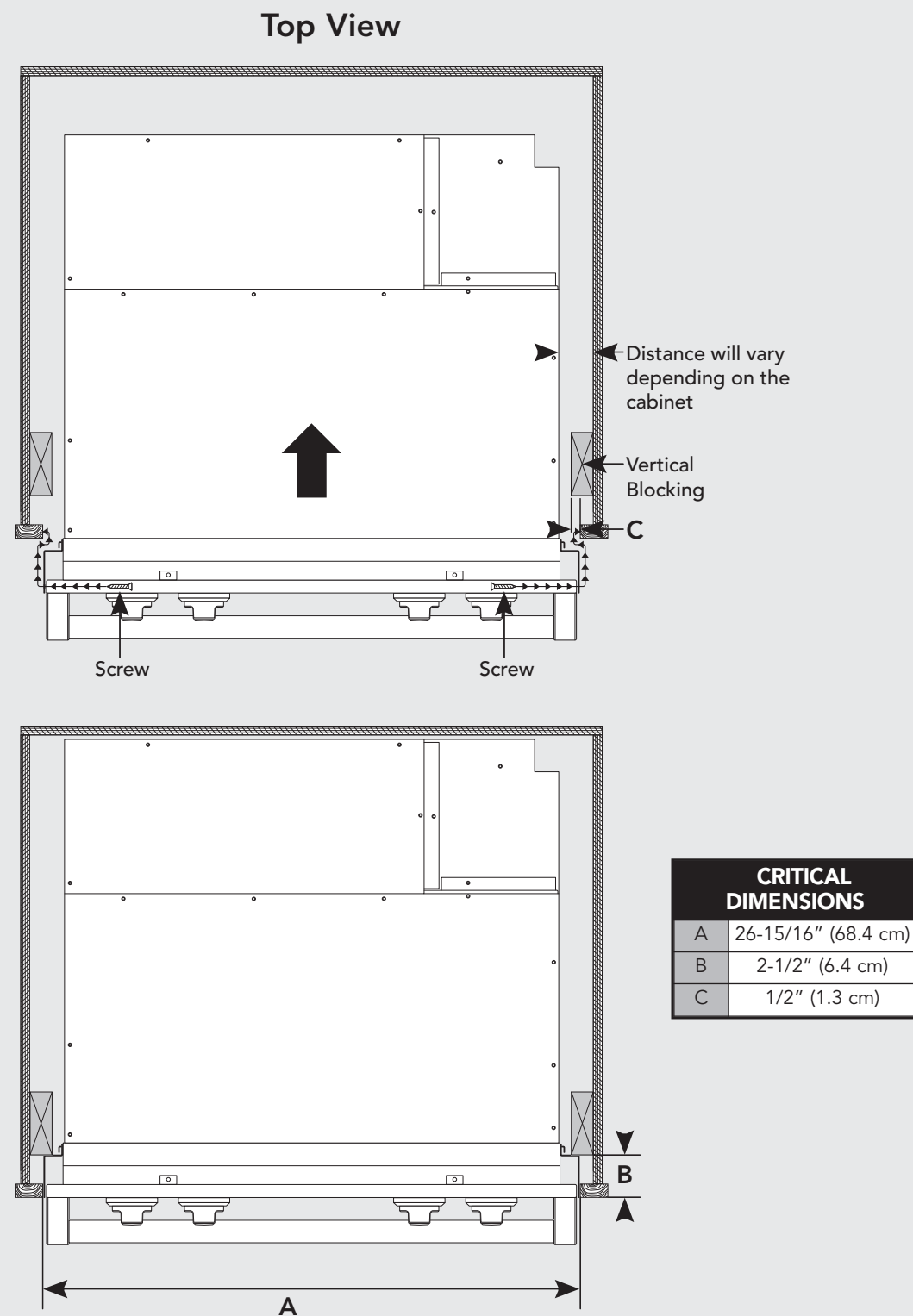
Note: To install the professional custom oven in a flush mount application the flush mount accessory kit is required.

Dimensions (27" Double Oven flush mount installation)

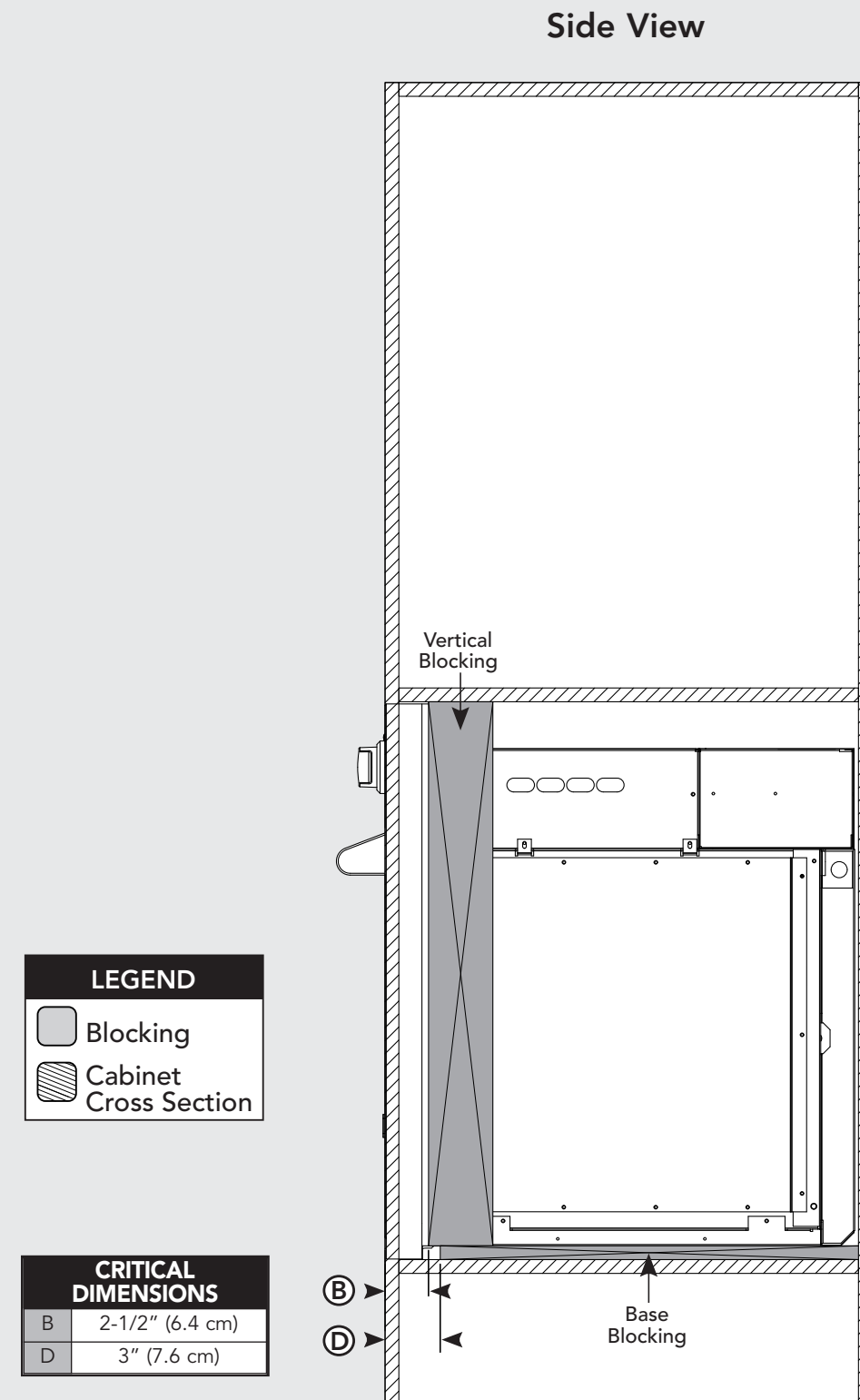


Note: To install the professional custom oven in a flush mount application the flush mount accessory kit is required.

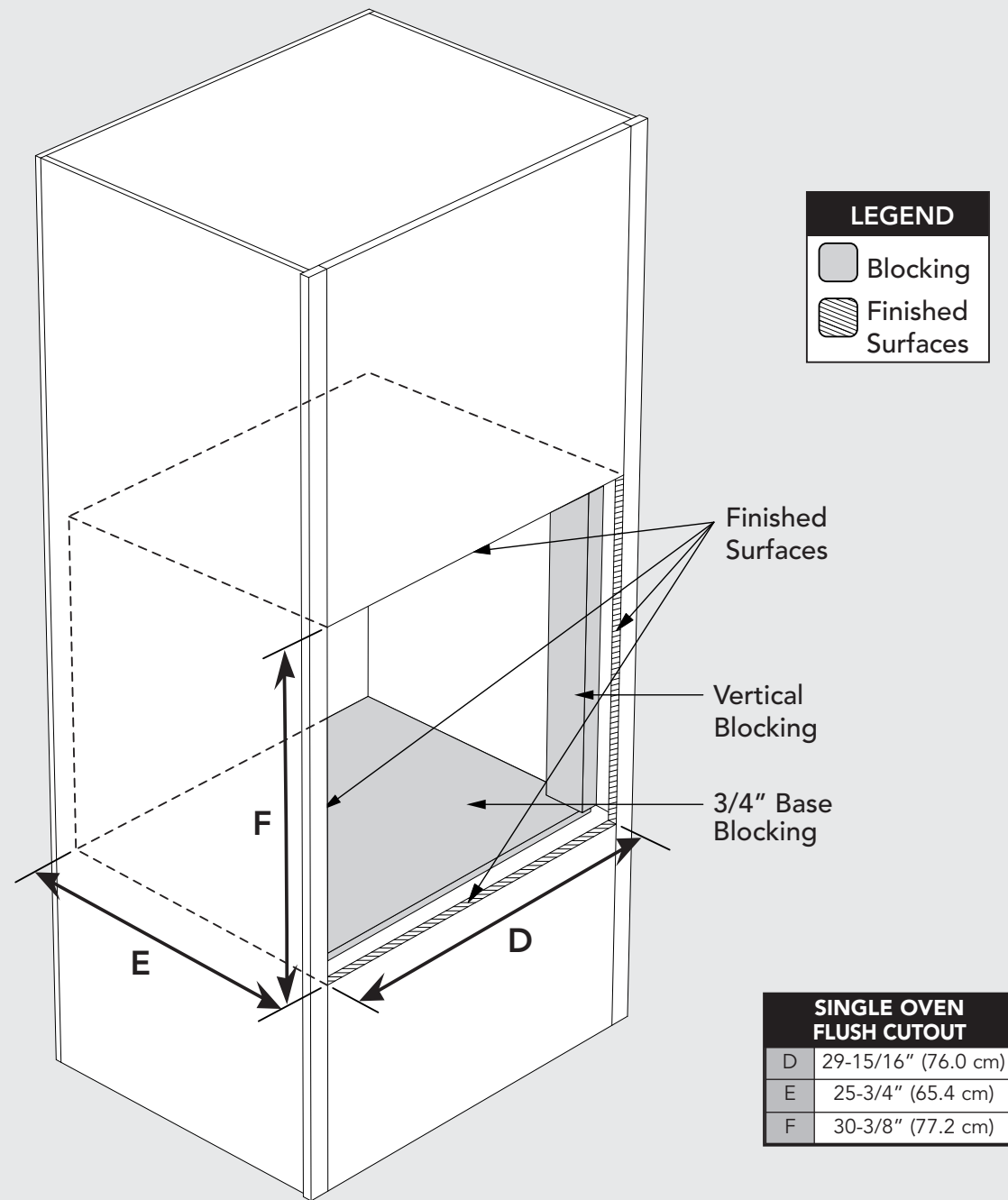
Dimensions (27" Flush mount installation)



Dimensions (27" Flush mount installation)

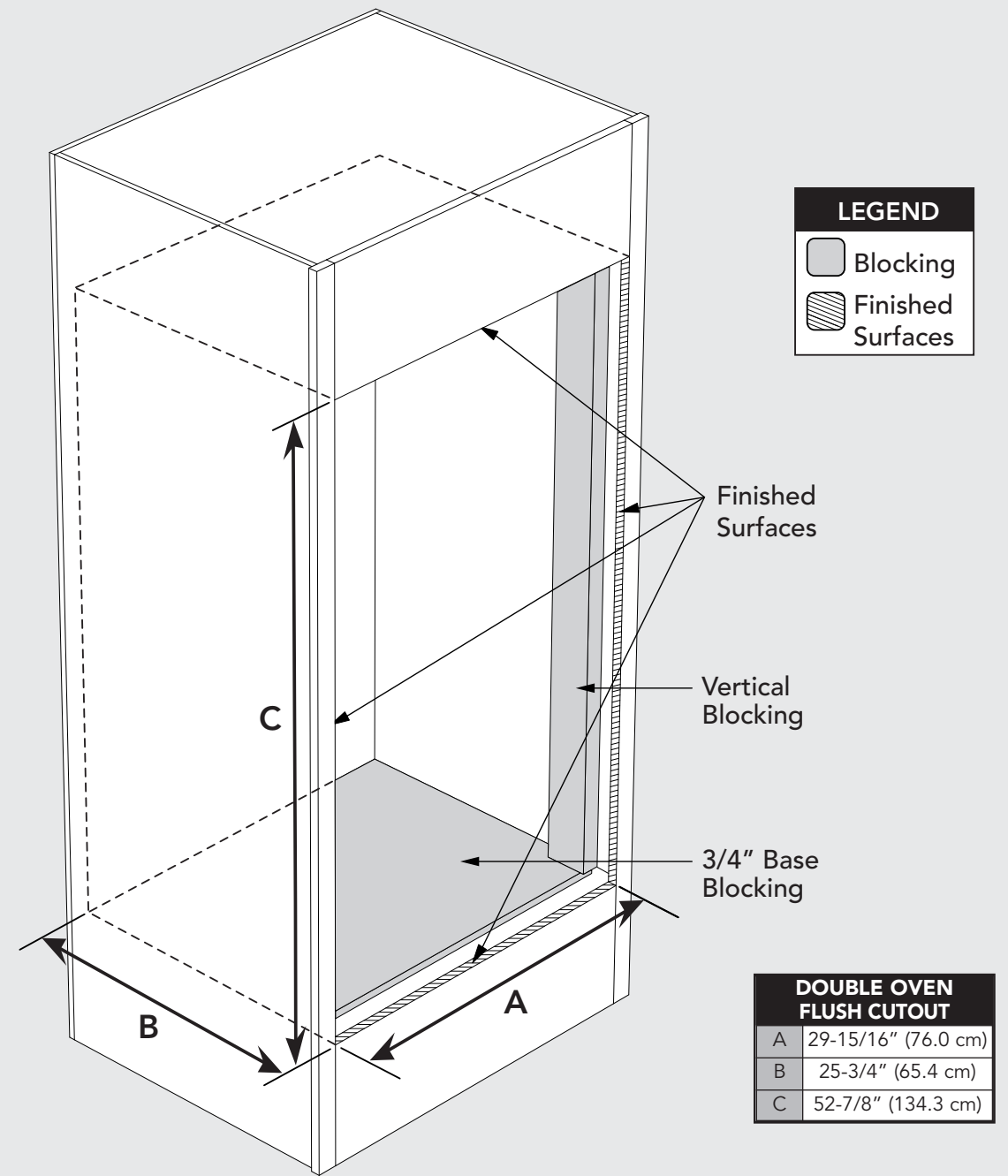


Dimensions (30" Single Oven flush mount installation)



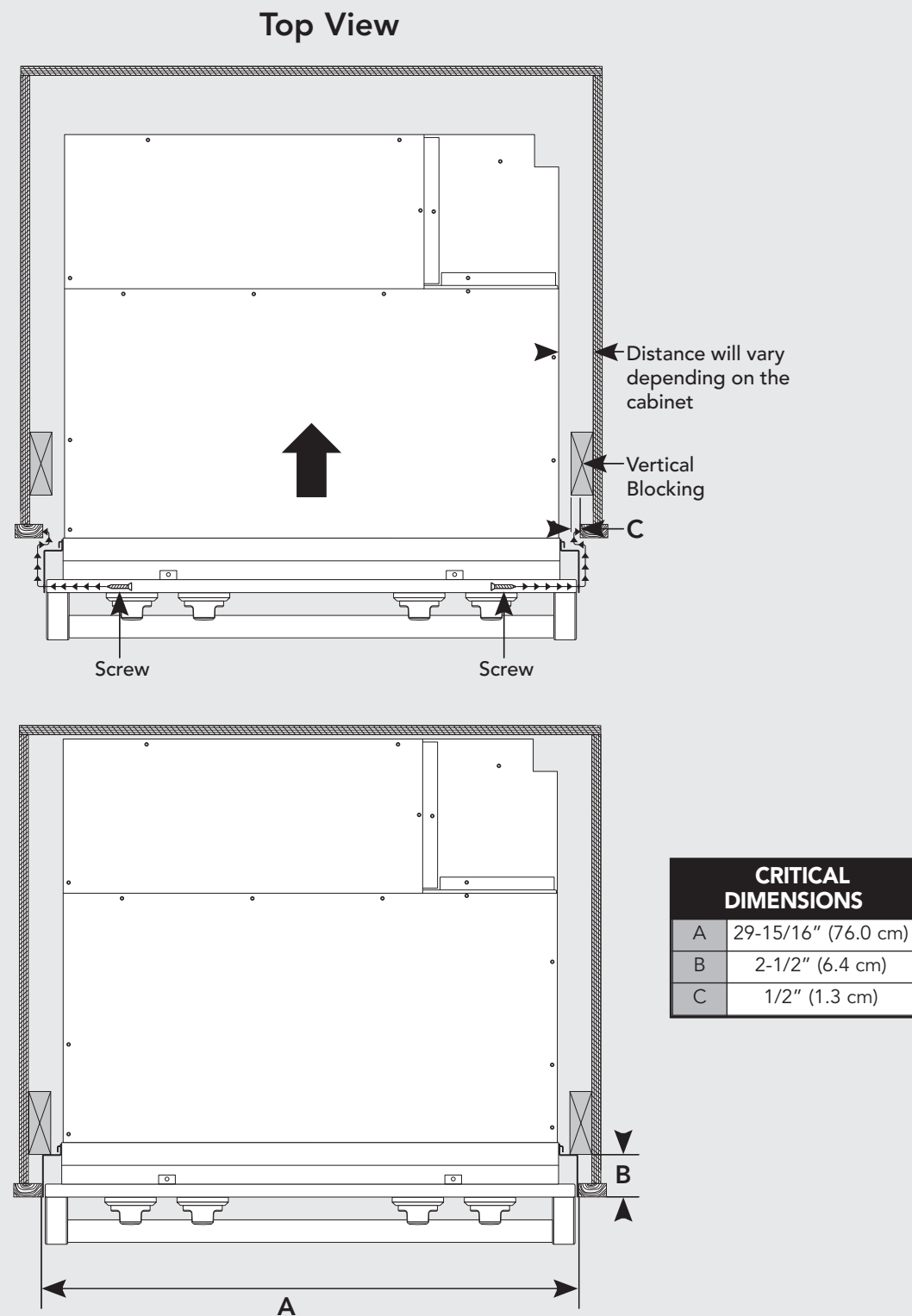
Note: To install the professional custom oven in a flush mount application the flush mount accessory kit is required.

Dimensions (30" Double Oven flush mount installation)

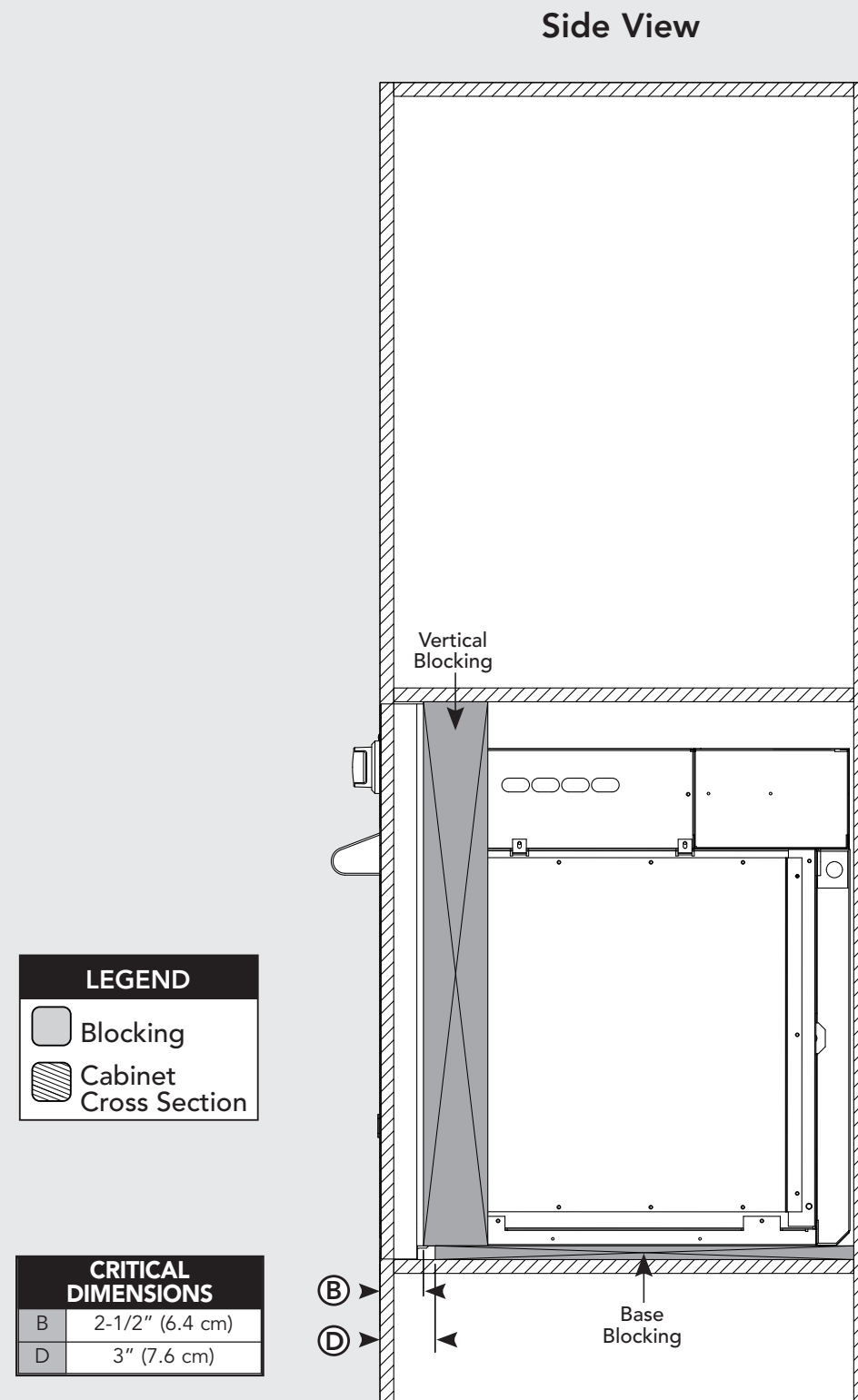


Note: To install the professional custom oven in a flush mount application the flush mount accessory kit is required.

Dimensions (30" Flush mount installation)



Dimensions (30" Flush mount installation)



General Information

- All openings in the wall behind the appliance or in the floor under the appliance should be sealed.
- Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors.
- Disconnect the electrical supply prior to servicing or cleaning.
- When removing the appliance for cleaning or service, disconnect AC power supply and carefully remove the appliance by pulling forward.
- **CAUTION:** The oven is heavy – use care when handling!
- Electrical requirements are listed in the product specifications under the electrical requirements section.
- Products are anchored to the pallet using metal straps that are screwed to the bottom of the product and the pallet.
- DO NOT remove protective packaging until you are ready to perform the installation.
- To remove the packaging, first remove the staples located at the bottom perimeter of the corrugated cover.
- Remove the corrugated cover by lifting it off the product and remove the inner-packing.
- Detach the product from the metal anchor strip by removing the attachment screw.
- DO NOT remove the protective wrapping from the product control panel until the product is installed.

⚠ CAUTION

Avoid any damage to oven vents. The vents need to be unobstructed and open to provide proper airflow for optimal oven performance.

⚠ CAUTION

The cooling fan should be operating when the unit is in operation. If you notice the cooling fan is not operating or you observe unusual or excessive noise coming from the cooling fan, contact a Viking Authorized Service Center before continuing operation. Failure to do so can result in damage to the oven or surrounding cabinets.

Recommendations for Unpacking

- Products are shipped on pallets with foam footings and corrugated inner-packing and exterior hoods.

Recommendations for Moving

- The appliance is heavy – use extreme care when handling!
- **WARNING: DO NOT** use the handle or oven door to lift the oven. Remove door before installation to ensure that it is not used to lift the unit. **Do not lift or carry the door by the handle.**
- Only proper equipment should be used to move products.
- ALWAYS take steps to protect flooring at the installation location when moving products.

Installation

Site Preparation

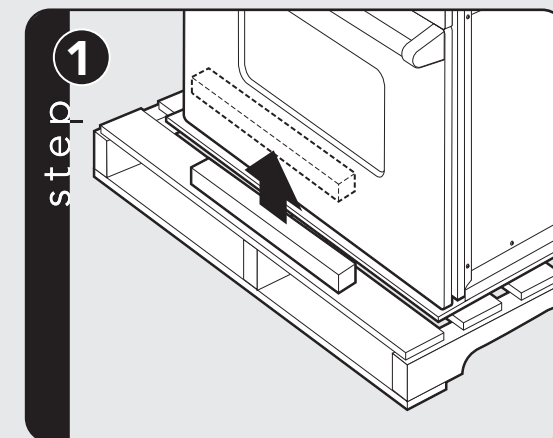
Note: It is recommended that a thorough site inspection be conducted PRIOR to unpacking and moving this appliance.

- **WARNING: DO NOT** use the handle or oven door to lift the oven. Remove door before installation to ensure that it is not used to lift the unit. Make sure pins are inserted into hinges before removing door to prevent personal injury to hands and/or fingers. **Do not lift or carry the door by the handle.**
- Confirm available access to adequate power – see electrical requirements.
 - Single oven units require a 30 amp circuit
 - Double oven units require a 50 amp circuit

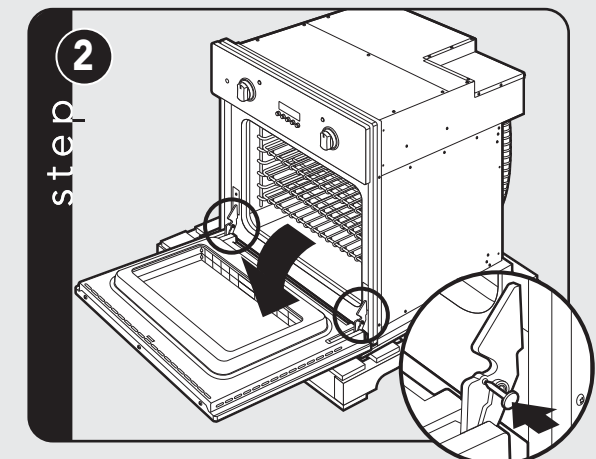
Note: A minimum of 2" spacing above and below the oven to any adjacent items is required for ventilation purposes.

- It is recommended that 3/4" or larger material be utilized to create a support platform for this appliance.
- **BE SURE** that support for this appliance is perpendicular to the front facing of the wall or cabinet before you perform the installation.
- Use of a hydraulic lift is recommended for the installation of double oven units.
- All openings in the wall behind the appliance or in the floor under the appliance should be sealed.
- Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors.
- **WARNING: DO NOT USE AN EXTENSION CORD WITH THIS APPLIANCE. SUCH USE MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER PERSONAL INJURY.**

Installation Procedure



Remove wooden brace on front of pallet.



Open door completely. Place pin in pin hole.

Viking Undercounter/Freestanding Beverage Centers

Features

- Electronic controls with digital temperature readout
 - Temperature can be adjusted from 36 to 48 degrees F (2.2-8.9 degrees C); factory set at 42 degrees F (5.6 degrees C)
 - Can be displayed in either Fahrenheit or Celsius
- 5.3 cubic feet of storage on 24"W. models; 3.0 cubic feet of storage on 15"W. models
- One full extension adjustable wire shelf
 - 75-lb. capacity
 - 24"W. model accommodates 54 12-oz. cans
 - 15"W. model accommodates 21 12-oz. cans
- Removable and adjustable
- Two full extension adjustable wine shelves
 - 24"W. model accommodates 16 bottles
 - 15"W. model accommodates 8 bottles
 - Shelves can be removed and adjusted to store large bottles
- Dual pane and argon filled Low 'E' energy efficient glass doors
- LED display lighting

Construction and Design

- Forced air cooling system
- Powerful 700 BTU compressor
- Stainless steel interior
- Stainless steel exterior cabinet
- Tru-Flush™ design allows beverage center to fit flush into 24" deep installation cutout
- Undercounter or freestanding installation
- Self-closing door
- Super quiet 32-39 db sound rating
- Black kickplate
- Adjustable leveling legs

Models

- VBCI1240G – 24"W. Professional Beverage Center w/glass door (R/L)
- FBCI1240G – 24"W. Custom Panel Beverage Center w/glass door (R/L)
- VBCI1150G – 15"W. Professional Beverage Center w/glass door (R/L)
- FBCI1150G – 15"W. Custom Panel Beverage Center w/glass door (R/L)

Finish and Design Options

- VBCI models available in Stainless Steel (SS only) only
- FBCI models accept custom panels

Optional Accessories

- Professional handle kit for custom front models – PHK30SS



VBCI1240G

Warranty Highlights

- Three-year full – covers complete unit
 - Six-year full – sealed system
 - Lifetime limited – stainless steel exterior
 - 12-year limited – sealed system
 - Ninety-day limited – cosmetic parts such as glass, painted items, and decorative items
- * Warranty valid on Viking products shipped within the United States and Canada



Basic Specifications

Description	15"W. UNDERCOUNTER/FREESTANDING BEVERAGE CENTER	24"W. UNDERCOUNTER/FREESTANDING BEVERAGE CENTER
	VBCI/FBCI1150	VBCI/FBCI1240
Overall Width	14 7/8" (37.8 cm)	23 7/8" (60.6 cm)
Overall Height	34 1/4" (87.0 cm)	34 1/4" (87.0 cm)
Overall Depth from Rear	Without door panel: 23 5/16" (59.2 cm) To front of door panel: 24 1/16" (61.1 cm) To front of handle: 26 9/16" (67.5 cm)	
Cutout Width	15" (38.1 cm)	24" (61.0 cm)
Cutout Height	34 1/2"-35 1/2" (87.6-90.2 cm)	
Cutout Depth	24" (61.0 cm)	
Electrical Requirements	115V/60 Hz; 15 amp dedicated circuit; 5' power cord attached to product	
Maximum Amp Usage	3.0 amps	
Maximum Storage Capacity	5.3 cu. ft./16 wine bottles	3.0 cu. ft./8 wine bottles
Approximate Shipping Weight	175 lbs. (79 kg)	215 lbs. (98 kg)

Please do not prepare installation from brochure data only. See installation instructions for important clearance/installation information.



Viking Range Corporation
111 Front Street
Greenwood, Mississippi 38930 USA

(662) 455-1200

For product information, call 1-888-VIKING1 (845-4641),
or visit the Viking Web site at vikingrange.com



All models with standard equipment are design-certified for residential installation.

© 2011, Viking Range Corporation.

To receive the most current specification sheets, visit Dimension Express at www.dexpress.com or call from your fax machine at (925)284-3558. Enter code #8051 for Viking Products. This will send you information on how to use the system and the corresponding model code numbers. Dimension Express customer support can be reached by email at: support@dexpress.com.

Proper Disposal (of old refrigeration unit)

⚠ DANGER

RISK OF CHILD ENTRAPMENT

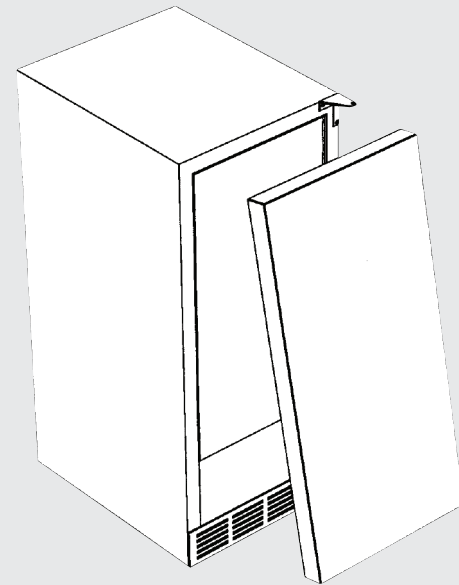
Before You Throw Away Your Old Refrigeration Unit:

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

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

IMPORTANT: Now that you have a new refrigeration unit, it is extremely important that you dispose of your old appliance in a way that minimizes the possibility that children will find it. There have been many cases in years past of children crawling inside junked and abandoned refrigeration units and becoming trapped or suffocated.

Contact your municipal waste disposal authority to find out the best and safest way to dispose of your old refrigeration unit.



⚠ DANGER

Altering, cutting of the power cord, or removal of the power cord, removal of power plug, or direct wiring can cause serious injury, fire and/or loss of property and/or life and will void the warranty.

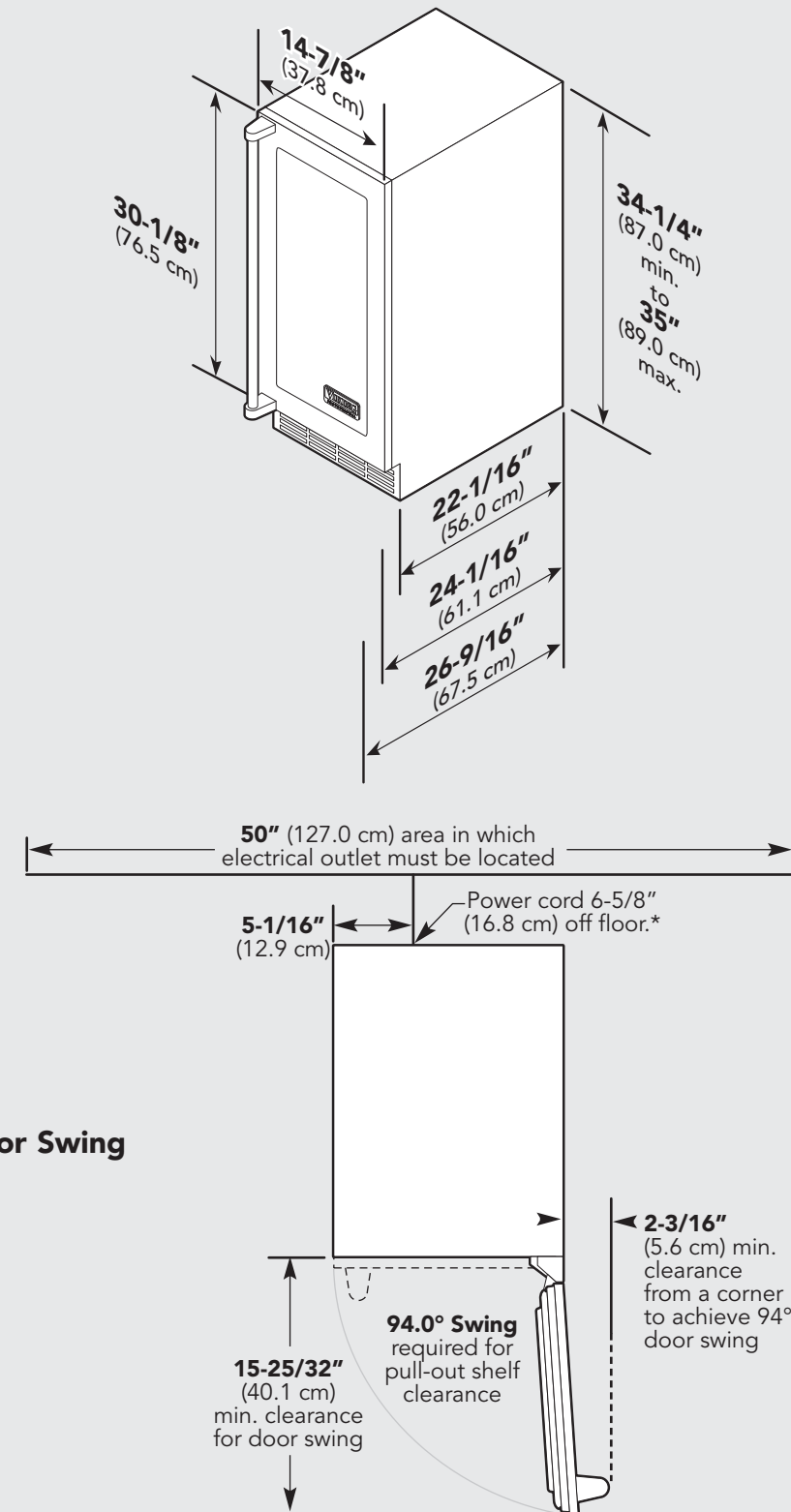
⚠ WARNING

- Never attempt to repair or perform maintenance on the unit until the electricity has been disconnected.
- The anti-tip kit must be installed on this unit before it is used. Never use the drawers, shelves or doors as steps or to support more than they were designed to support.

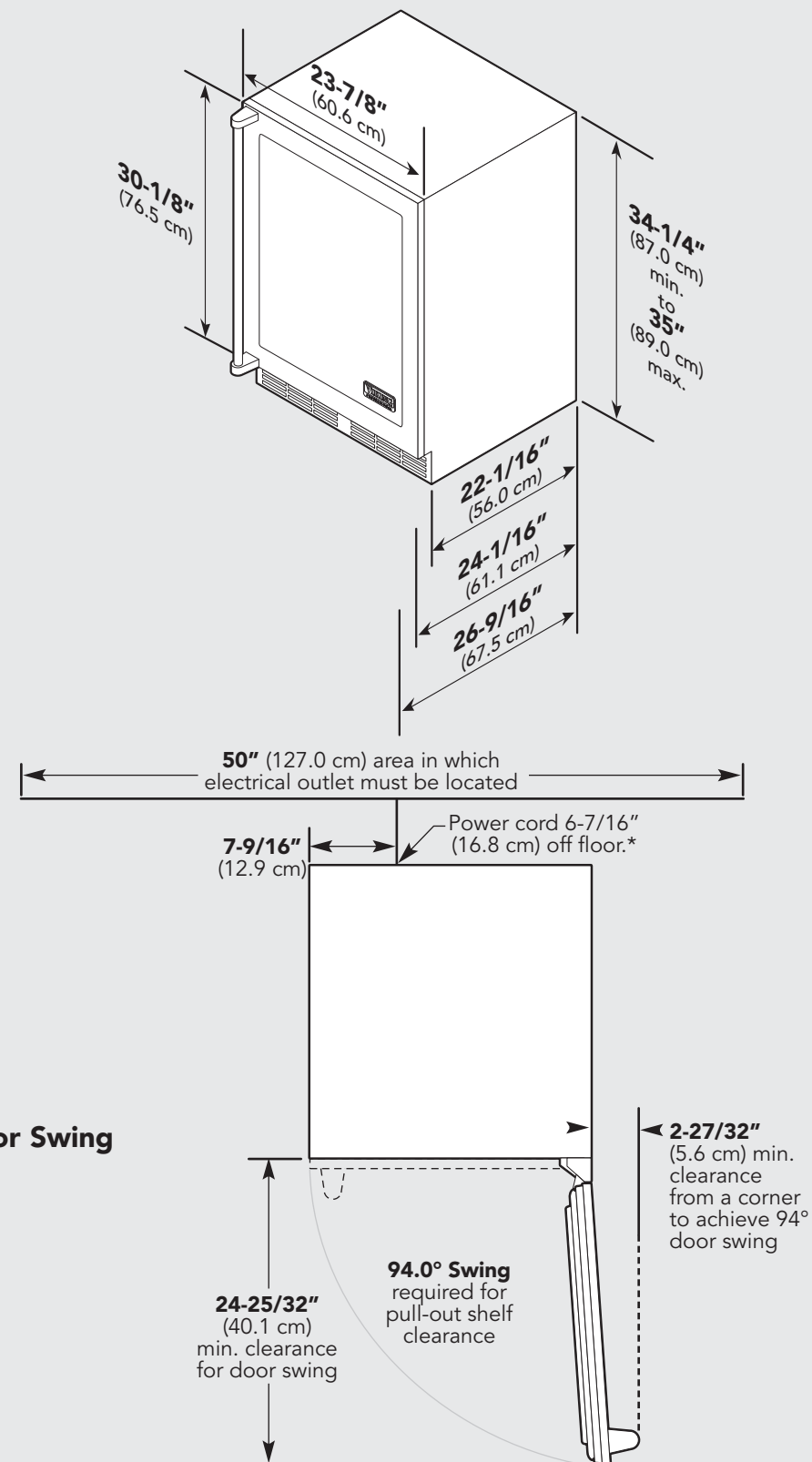
⚠ CAUTION

- Do not lift unit by drawer or door handles.
- Failure to clean the condenser every three months can cause the unit to malfunction. This could void the warranty.
- Never install the unit behind closed doors. Be sure front louvered kickplate is free of obstruction. Obstructing free airflow can cause unit to malfunction, and may void warranty.

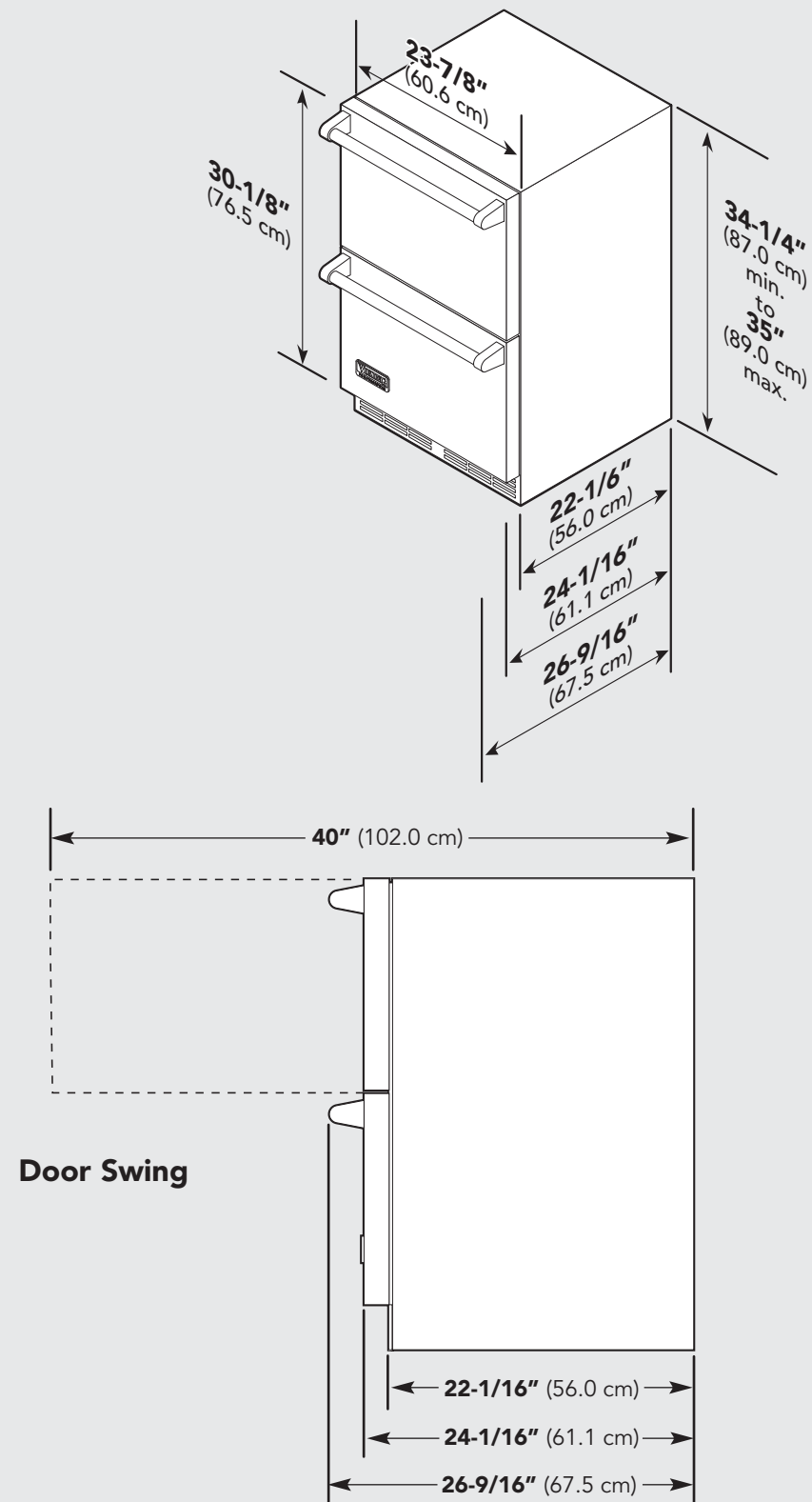
Dimensions (15"W. Professional)



Dimensions (24"W. Professional)



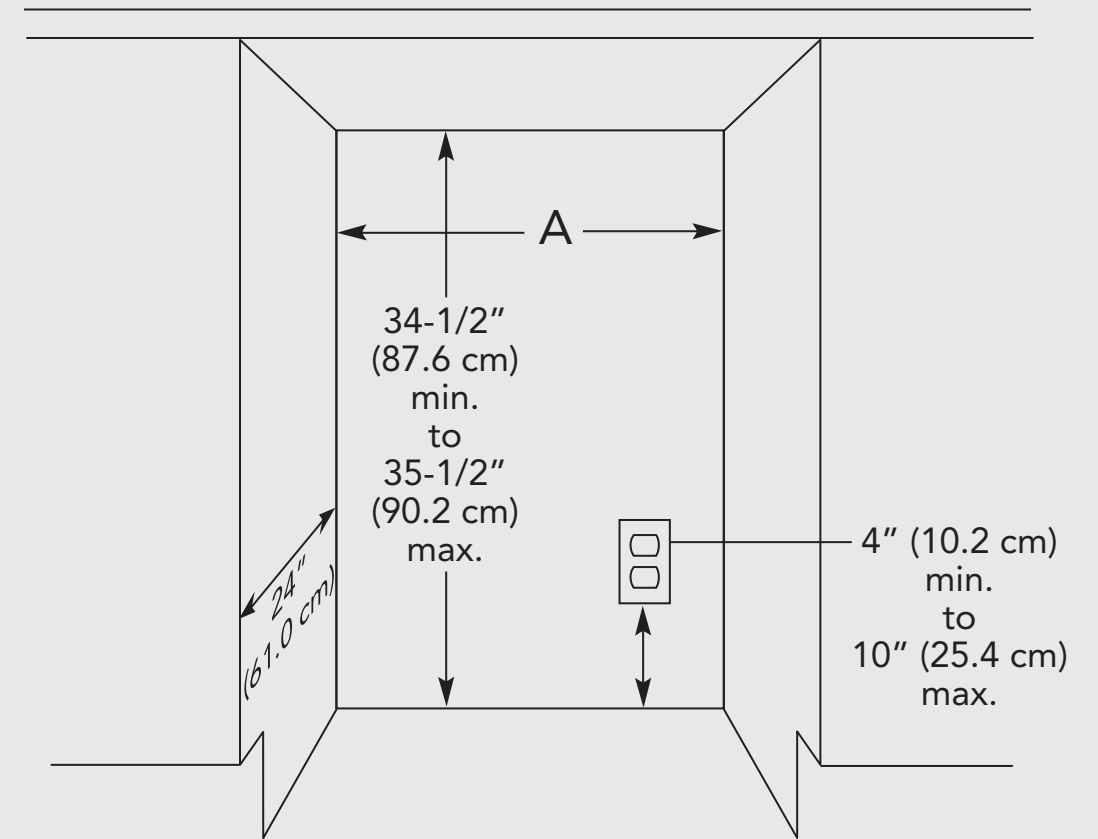
Dimensions (24"W. Professional)



Specifications

15"/24"W. Undercounter/Freestanding Refrigeration		
Description	15"	24"
Overall width	14-7/8" (37.8 cm)	23-7/8" (60.6 cm)
Overall height	34-1/4" (87.0 cm) min. to 35" (89.0 cm) max.	
Overall depth from rear cabinet (with door panel) (with door handle)	22-1/16" (56.0 cm) 24-1/16" (61.1 cm) 26-9/16" (67.5 cm)	
Cutout width	15" (38.1 cm)	24" (61.0 cm)
Cutout height	34-1/2" (87.6 cm) min. to 35-1/2" (90.2 cm) max.	
Cutout depth	24" (61.0 cm)	
Electrical requirements	115V/60 Hz, 15 amp dedicated circuit 5' 3-wire cord attached to product	
Maximum amp usage	3.0 amps	
Approximate shipping weight	175 lbs. (79.0 kg)	215 lbs. (98.0 kg)

Cutout Dimensions



A
15"W. Models - 15" (38.1 cm)
24"W. Models - 24" (61.0 cm)

General Information

Preparing the Area

Make sure that the opening area where the unit is to be installed is properly prepared. Ensure the space dimensions and electrical service are correct for the models to be installed.

⚠ CAUTION

If unit is being installed under a countertop, it is recommended that the countertop be supported by structure other than the refrigerated cabinet to prevent damage to the countertop.

IMPORTANT: For a door to operate properly, the door must open a minimum of 94°. Use a minimum 3-inch filler in corner installations to assure a 94° door opening. Allow 24" clearance in front of the unit for full door swing, shelf pull-out or drawer pull-out.

IMPORTANT: Make sure the floor under the unit is level with the surrounding finished floor. Protect a finished floor with plywood, cardboard or some other suitable material before moving the unit into place. Failure to do this may result in damage to the floor.

Floor must be level in area of installation. Leg levelers are used for fine-tune adjustment only and should not be used to compensate for floor differences exceeding 1/2 inch.

Preparing Electrical Connections

All electrical instructions assume that outlet is located 4 to 10 inches from the floor.

A 115 volt, 60Hz, 15 amp circuit breaker and electrical supply are required. A separate circuit is required for each unit installed.

Follow the National Electrical Code and local codes and ordinances when installing the receptacle.

All units come equipped with a NEMA 5-15P 90° plug with a minimum of 5-feet of cord extending beyond the rear of the cabinet. The electrical outlet must be flush with or recessed into the back wall.

IMPORTANT: Never use an extension cord to extend the power cord to the electrical receptacle.

⚠ DANGER

ELECTROCUTION HAZARD

Electrical grounding required. This appliance is equipped with a three prong (grounding) polarized plug for your protection against possible shock hazards.

Never remove the round grounding prong from the plug.

- Never use a two-prong grounding adapter.
- Never use extension cord to connect power to the unit.

Where a two-prong wall receptacle is encountered or a longer power cord is required, contact a qualified electrician to have it replaced in accordance with applicable electrical codes.

⚠ DANGER

Failure to comply with the above electrical guidelines may result in possible injury, death, fire or loss of property.

General Information

Unpacking and Moving Unit

⚠ CAUTION

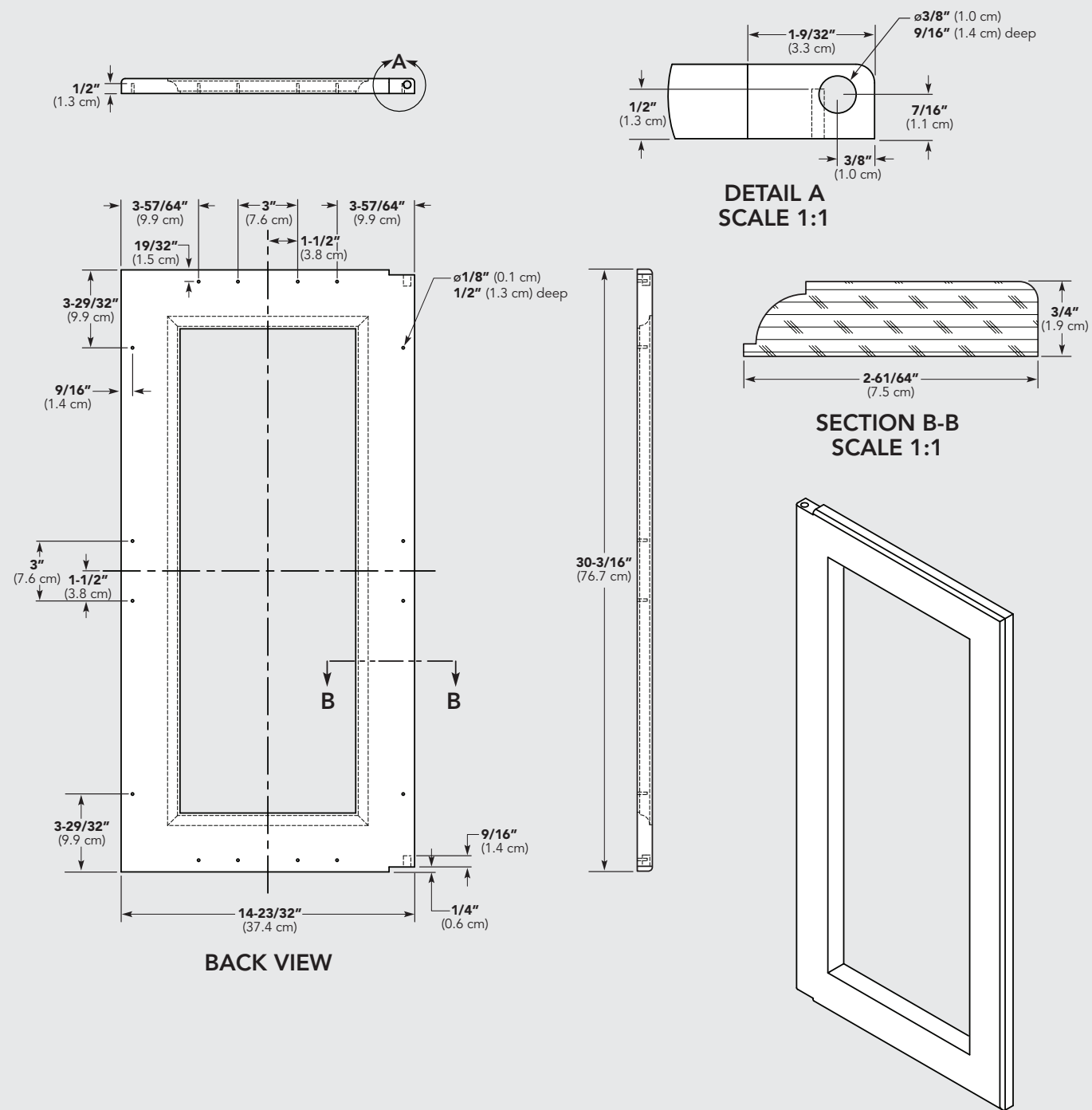
Do not cut cardboard sleeve covering the unit. Cutting may result in damage to the exterior of the cabinet.

1. Uncrate the unit outside on a flat level surface. Remove the cardboard sleeve by removing the banding holding the sleeve to the shipping base. Carefully lift the cardboard sleeve up over the top of the unit.
2. Carefully lift unit off base and onto a hand truck or dolly (this should be done with a minimum of two people; larger units may require additional help). Make sure unit is balanced on transporting device. Secure unit to transporting device using soft, flexible strapping. Protect unit surfaces with cloth material where strapping contacts unit.
3. Before moving unit, secure door to unit with tape so the door stays closed.
4. Carefully move unit to installation site and place in front of opening. Take care to protect floor surface with cardboard, rugs, etc.

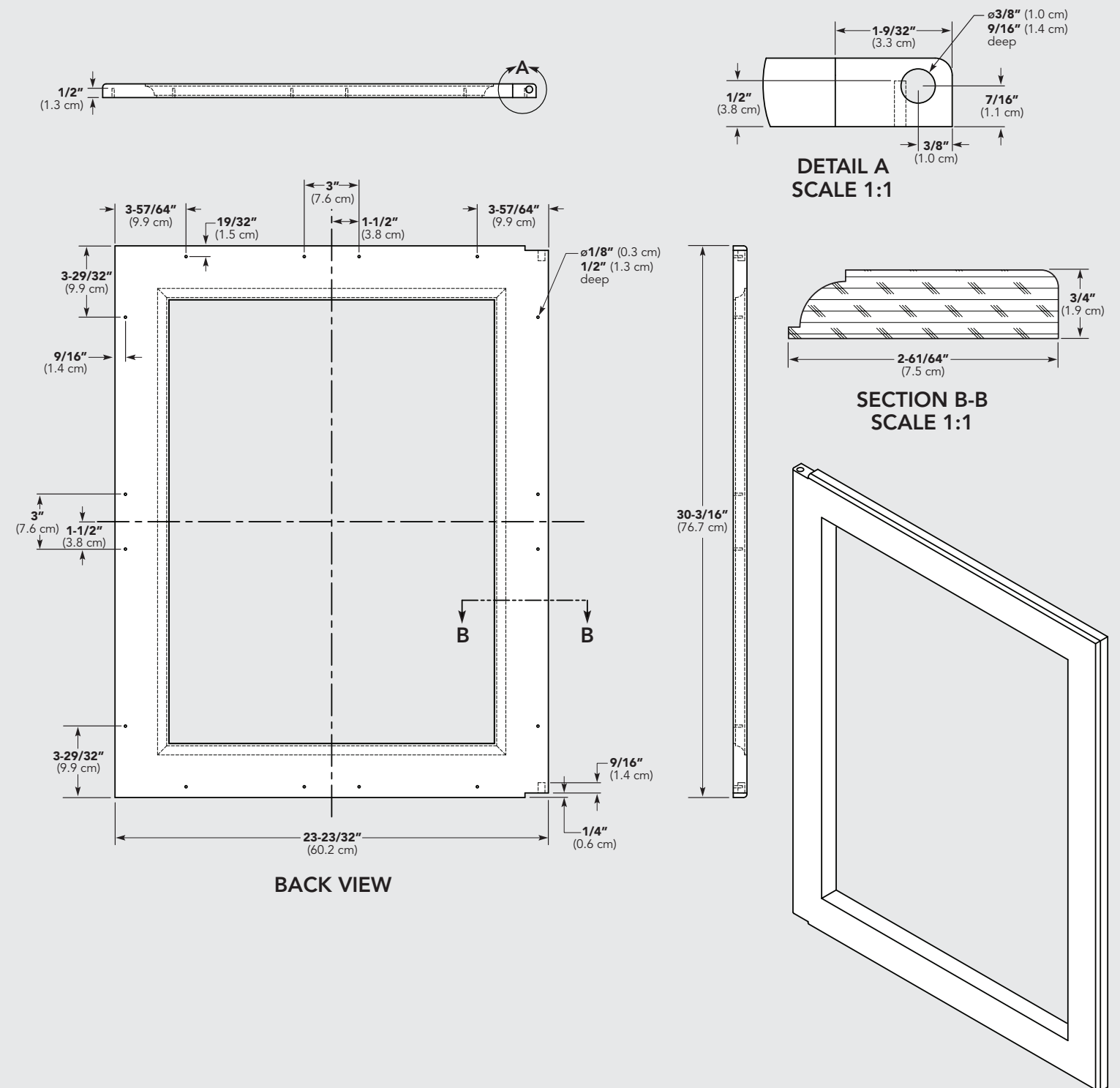
⚠ WARNING

A minimum of two people should lift the unit at the base to prevent possible personal injury.

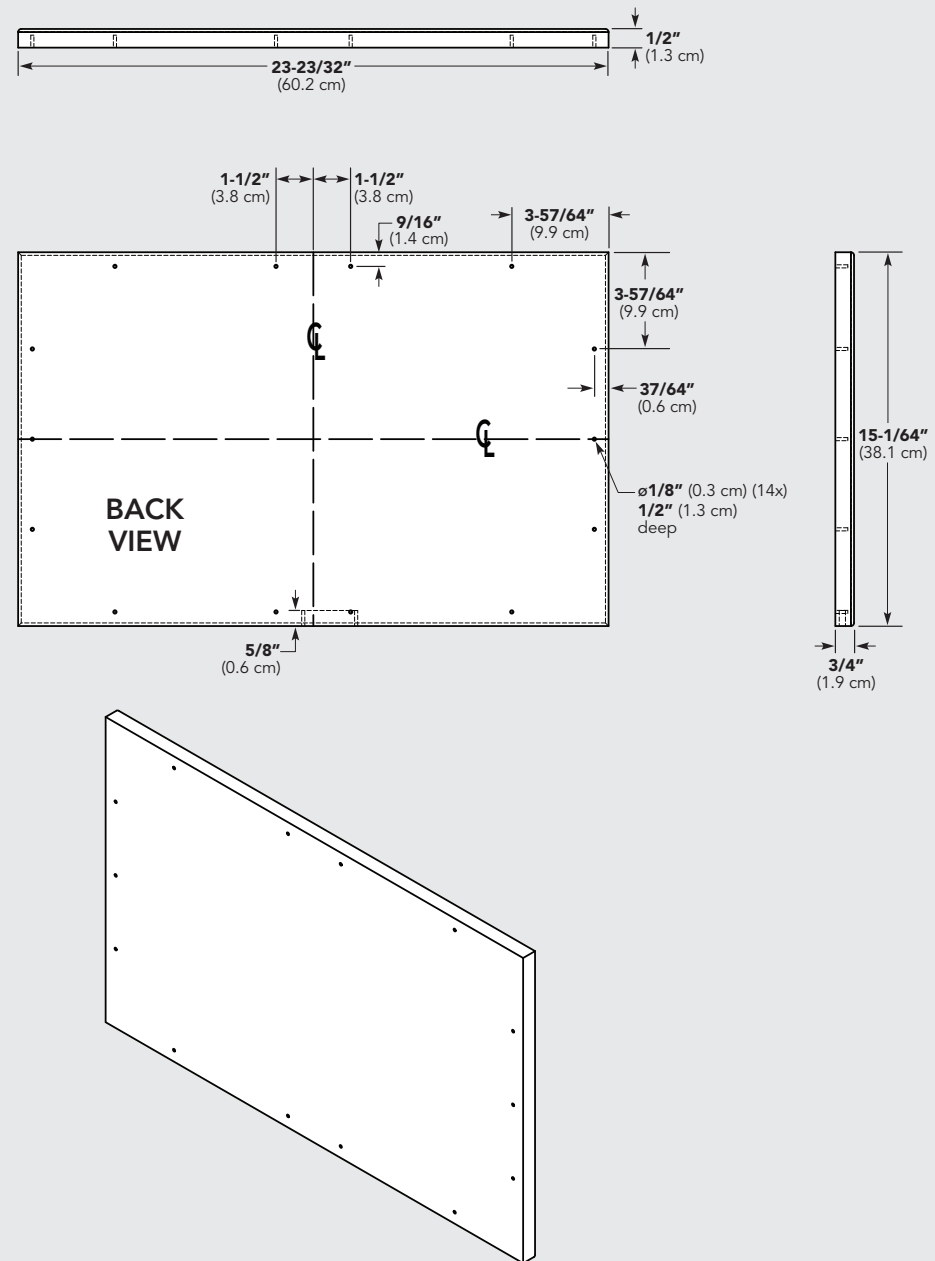
Custom Panel Dimensions (15"W. Model w/glass door)



Custom Panel Dimensions (24"W. Model w/glass door)



Custom Panel Dimensions (24"W. Refrigerated Drawers)



Custom Panel Handle Installation

⚠ CAUTION

Handle should be mounted to custom door panels only (not the door) to avoid damage to the factory door.

Handle must be attached to custom panel before attaching the custom panel to door.

1. Mark rear of panel with handle fastening locations.
2. Drill through custom panel at marked locations taking care not to damage panel.
3. Countersink screw heads so they are flush with backside of panel.
4. Attach handle.

Custom Panel Installation

A custom panel of wood or other material not exceeding 10 pounds can be attached to the door. Attachment is from the inside of the door. Holes are provided in the door for this purpose.

1. With the unit secured in position, open the door and make sure panel pre-drilled holes align with door frame holes.
2. Loosely attach four corners of the overlay panel to the door using #10 x 1" wood screws, installed through the door frame from the rear.
3. Check for overall wood overlay panel fit, position and function. Make minor adjustments as necessary. When panel is properly aligned, tighten mounting screws securely. Install the rest of the mounting screws and tighten securely.

⚠ CAUTION

Do not overtighten wood overlay attachment screws as this may damage factory supplied door frame.

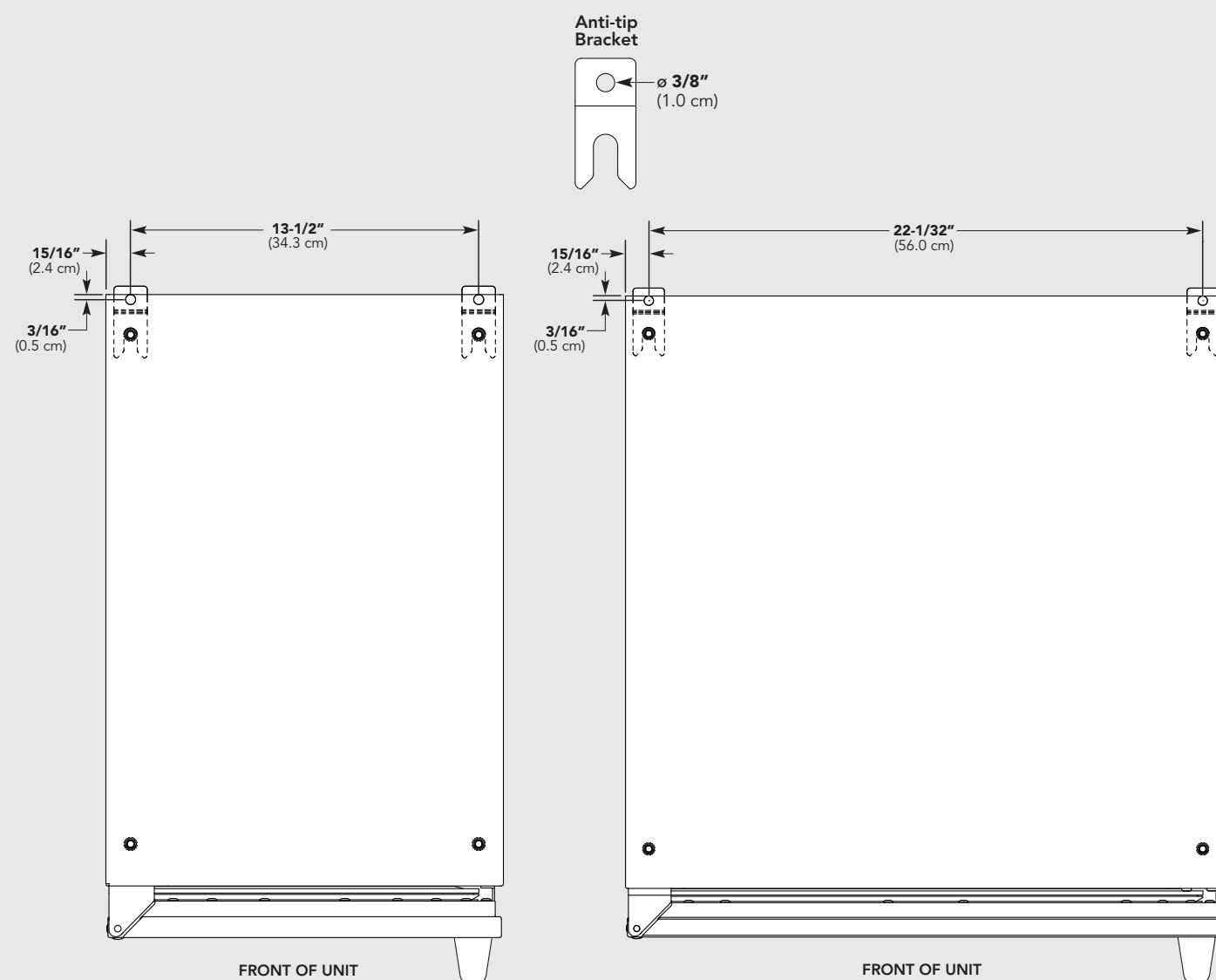
Anti-Tip Brackets

⚠ WARNING

Unit may tip forward if loaded racks/shelves are all pulled out at the same time. To prevent tipping and provide a stable installation, the unit must be secured in place with the anti-tip brackets provided with the unit. A set of metal anti-tip brackets are supplied with the unit. The anti-tip brackets, when properly installed should secure the rear legs and prevent the unit from tipping forward.

Some installation sites may require modification to provide a secure surface for attaching the brackets. Refer to the illustrations below for mounting bracket locations.

IMPORTANT: If installing on a concrete floor, concrete fasteners are required and not included with the anti-tip kit.



Installation

⚠ CAUTION

Any finished flooring should be protected with appropriate material to avoid damage from moving the unit.

If unit has been laid on its back or sides, place unit upright and allow minimum of 24 hours before connecting power. Re-install the doors by removing the upper pivot pin completely, sliding the door onto the lower pivot pin and re-installing the upper pivot pin and fastening tightly. Before moving the unit, make sure the door is secured to the cabinet (tape may be required to hold the doors closed).

1. Plug the unit into the 15 amp grounded outlet located in the installation opening. With power applied to the unit, check that the lighting and cooling function operate properly, then turn off power to the wall outlet at the circuit breaker.

⚠ WARNING

Shut off power to the wall outlet before installing into the opening.

2. Check that the following are level and square:
 - Front face and interior opening
 - Installation opening and floor surface
 - Countertop bottom front edge

IMPORTANT: Leveling legs should not be extended more than 3/4" from bottom of the cabinet.

IMPORTANT: The floor under the unit must be at the same level as the surrounding finished floor.

3. If all surfaces are level:
 - a. Measure from the floor to the bottom of the front edge of the countertop
 - b. Measure the rear of the unit cabinet from the floor to top of cabinet, at back corners
 - c. Adjust rear legs so B measurement equals A measurement. Using an adjustable wrench or pliers, turn legs counterclockwise to raise the unit or clockwise to lower the unit
4. Slide the cabinet into position, making sure the rear cabinet leveling legs slide under the anti-tip devices. Push the cabinet into the opening until the bottom front edge of the cabinet is flush with the surrounding cabinetry or the leveling legs are tight with the anti-tip devices.

IMPORTANT: The rear cabinet leveling legs must be engaged under the anti-tip brackets.

5. Shim the front of the unit so the front face is flush with surrounding cabinetry. Adjust the front legs to support the countertop at the shimmed height. Using an adjustable wrench or pliers, turn legs counterclockwise to raise the unit or clockwise to lower the unit. Countertop should be resting on top of the unit.

IMPORTANT: If countertop is not resting entirely on unit top, shim the countertop to prevent damage to the countertop.

⚠ CAUTION

To prevent damage to the countertop and unit underneath, do not place heavy objects on countertop directly above the unit.



REFRIGERATION

Quiet Cool™ Built-In 36" W. All Refrigerator



Standard Features & Accessories

All models include

- Capacity—22.8 cu. ft. (645 L)
 - 84"H./24"D.
- ProChill™ Temperature Management System
 - Variable-speed DC Overdrive™ Compressor is one of the quietest, most technologically advanced compressors available
 - Electronic controls with digital temperature readouts
 - Multi-channel airflow system and Odor Eliminator™ Evaporator removes odors and excess humidity
- **Exclusive** - Plasmacluster™ Ion Air Purifier
 - Eliminates airborne bacteria and mold spores
 - Removes odors
 - Enhances food preservation
 - Never needs replacing
- Adjustable Cold Zone™ drawer with precision ball-bearing glides
 - Separate temperature control can be set for produce or fresh meat storage
 - Quick chill option chills foods and beverages in minutes
- Adjustable Humidity Zone™ drawers with precision ball-bearing glides
 - Humidity can be set high for leafy greens or low for fruits and vegetables with skins
- Six adjustable tempered glass spillproof shelves (four half-width, two full-width)
- Two conveniently located deli drawers with full-extension precision ball-bearing glides
- Two in-the-door sealed dairy compartments with covers
- Five patented adjustable aluminum door bins with tempered glass fronts (two half-width, three full-width)
- Top-shelf provides quick chill-down area
- Super Clog-Resistant™ Condenser is maintenance-free under normal use
- Tru-Flush™ design allows all models to fit flush into 24" deep installation cutout
- Open door alarm sounds and glows to warn that door has been ajar for three minutes
- Adjustable door stops standard—90°, 110°, or 120° swing
- Sabbath Mode
- For installation of two units side-by-side, a separate grille kit accessory must be purchased
- Must be ordered right or left hinge. (As you face unit, RIGHT has hinge on right side and handle on left side; LEFT has hinge on left side and handle on right side.)

Model Options



VCRB5361
Professional

- FINISH DETAILS FOR VCRB MODEL**
- Stainless Steel (SS), Black (BK), White (WH), Apple Red (AR), Biscuit (BT), Burgundy (BU), Chocolate (CH), Cinnamon (CN), Cobalt Blue (CB), Cotton White (CW), Dijon (DJ), Graphite Gray (GG), Iridescent Blue (IB), Kettle Black (KB), Lemonade (LE), Mint Julep (MJ), Plum (PL), Racing Red (RR), Sage (SA), Sea Glass (SE), Stone Gray (SG), Taupe (TP), Viking Blue (VB), Wasabi (WS).
 - Finish codes designate door front. Stainless steel upper grille, side trim, and handle (with chrome-plated brackets); black lower kickplate.
 - Brass Accent Option (BR)—nameplate and handle endcaps. Brass components have a durable protective coating for maintenance-free normal use.



FDRB5361
Custom Panel

- FINISH DETAILS FOR FDRB MODEL**
- Handle not included—opt for custom handle, or purchase a Viking Professional Series handle kit (see **Installation Notes & Accessories**).
 - See **Custom Panels** section for more information and additional specifications.

ORDERING INSTRUCTIONS

First specify model number, followed by hinge preference ("R" for right or "L" for left), and then color code (VCRB5361**RSS**). If ordering optional brass accent, specify code at end (VCRB5361**RSSBR**).





REFRIGERATION

Quiet Cool™ Built-In 36" W. All Refrigerator



★ Please see Installation Notes & Accessories for important information, including panel, grille, trim, and handle kits.



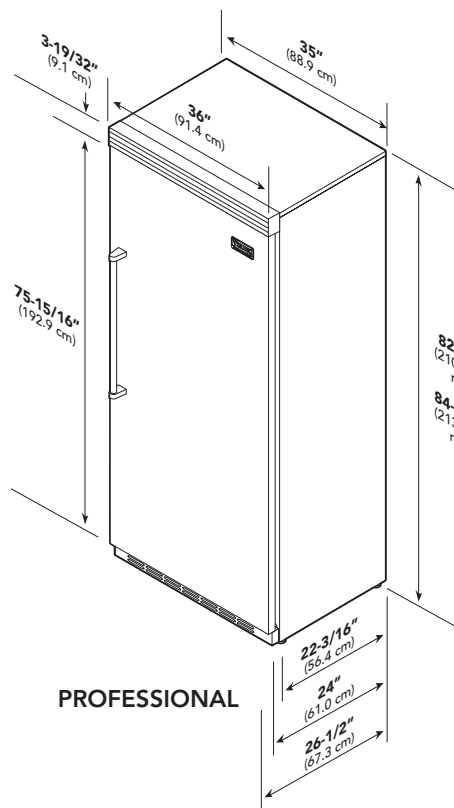
ALL MODELS
Star-K Kosher Certification for use on the Jewish Sabbath or Jewish holidays

Dimensions & Specifications

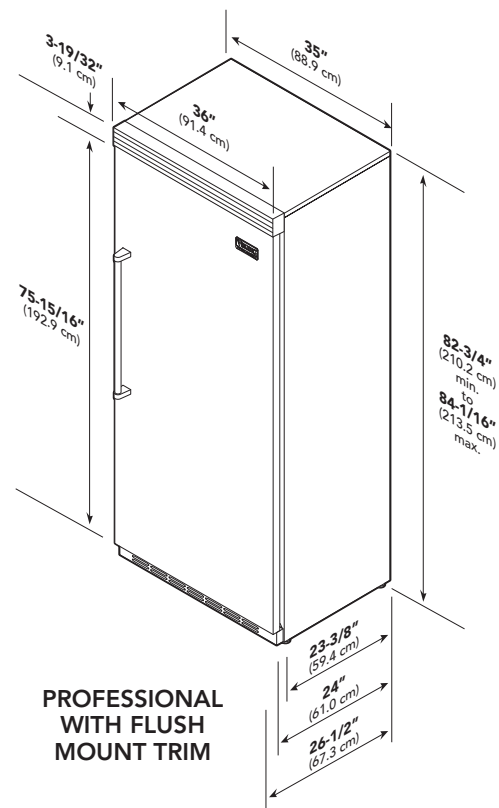
PRODUCT DIMENSIONS



VCRB5361 Professional



PROFESSIONAL



PROFESSIONAL WITH FLUSH MOUNT TRIM

	VCRB5361	VCRB5361/Flush Mount
Overall width	36" (91.5 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)		
To front edge of side trim	22-3/16" (56.4 cm)	23-3/8" (59.4 cm)
To front of top grille	24" (61.0 cm)	24" (61.0 cm)
To front of handle	26-1/2" (67.3 cm)	26-1/2" (67.3 cm)
Approx. ship weight	500 lbs. (227.3 kg)	





REFRIGERATION



Quiet Cool™ Built-In 36"W. All Refrigerator

Dimensions & Specifications

PRODUCT DIMENSIONS



FDRB5361
Custom Panel

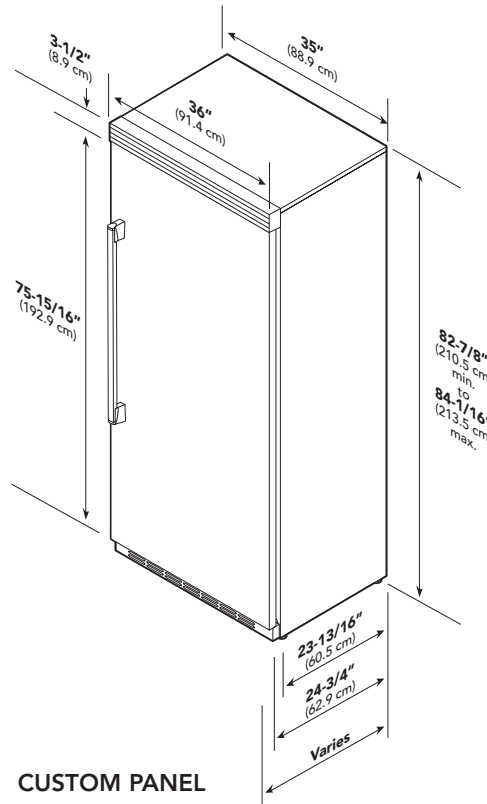
See **Custom Panels** section for more information and additional specifications.

★ Please see **Installation Notes & Accessories** for important information, including panel, grille, trim, and handle kits.



ALL MODELS

Star-K Kosher Certification for use on the Jewish Sabbath or Jewish holidays



CUSTOM PANEL

FDRB5361	
Overall width	36" (91.5 cm)
Overall height (from bottom)	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.
Overall depth (from rear)	
To front edge of side trim	23-13/16" (60.5 cm)
To front of top grille	24-3/4" (62.9 cm)
To front of handle	Varies
Approx. ship weight	500 lbs. (227.3 kg)





REFRIGERATION

Quiet Cool™ Built-In 36" W. All Refrigerator



Dimensions & Specifications

DOOR SWING

- Adjustable door stops standard—90°, 110°, or 120° swing

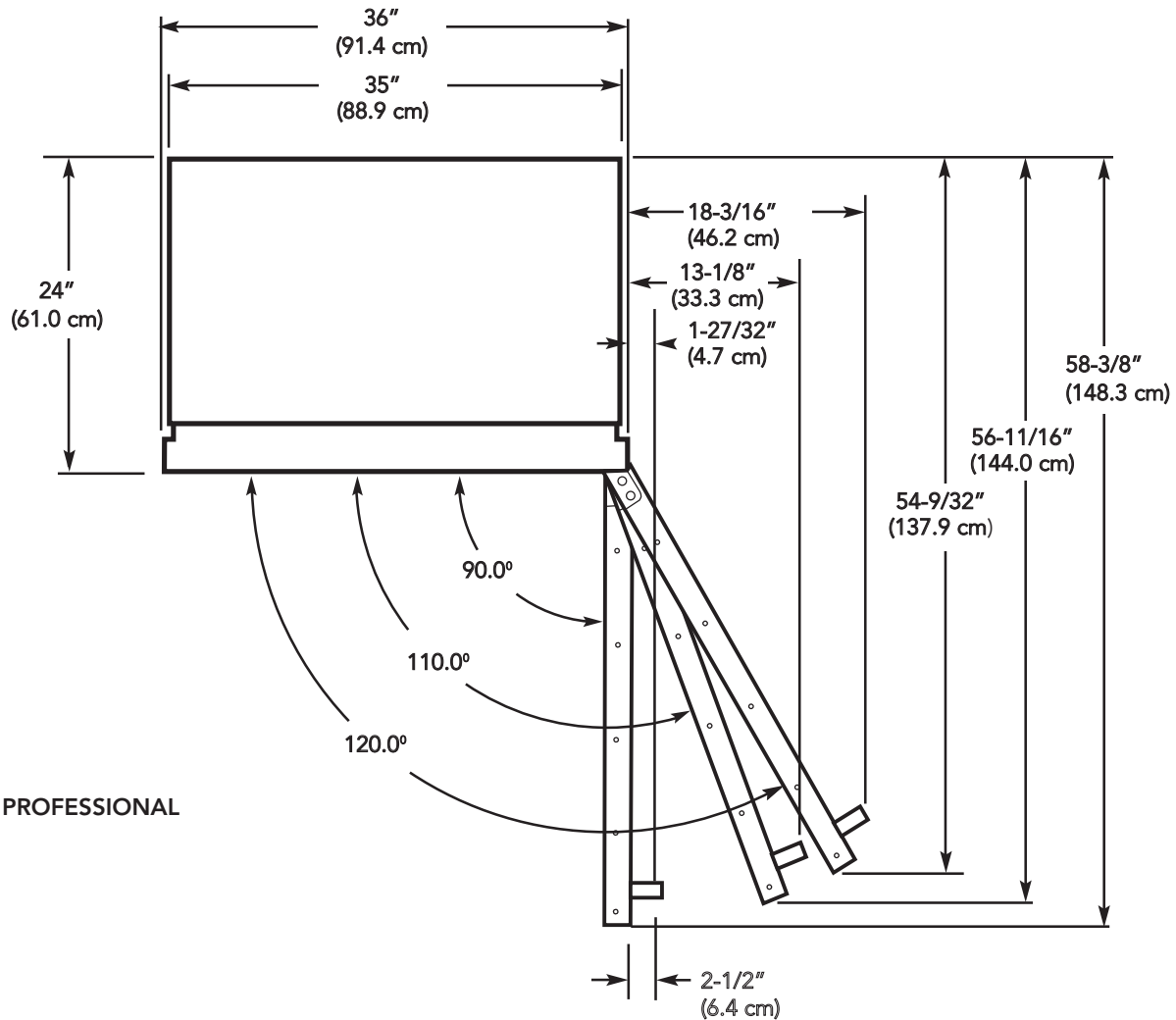


VCRB5361 Professional



FDRB5361 Custom Panel

See Custom Panels section for more information and additional specifications.



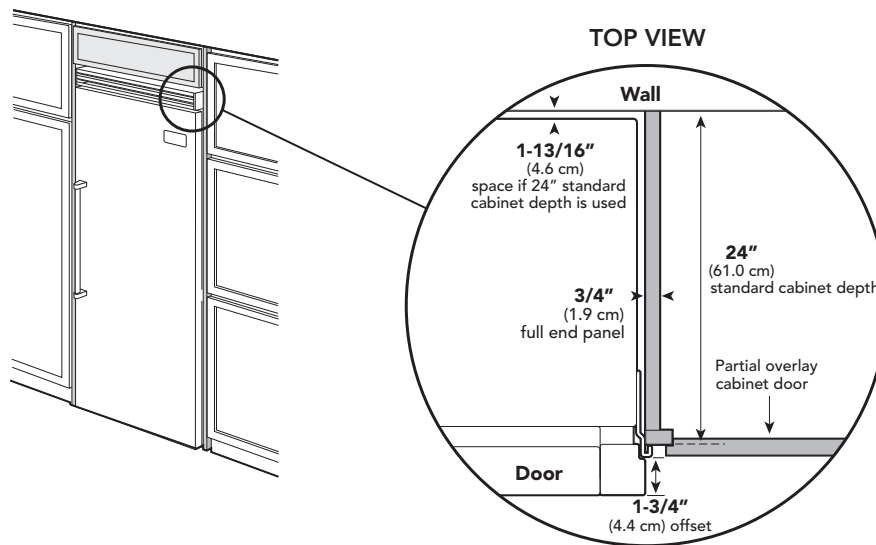
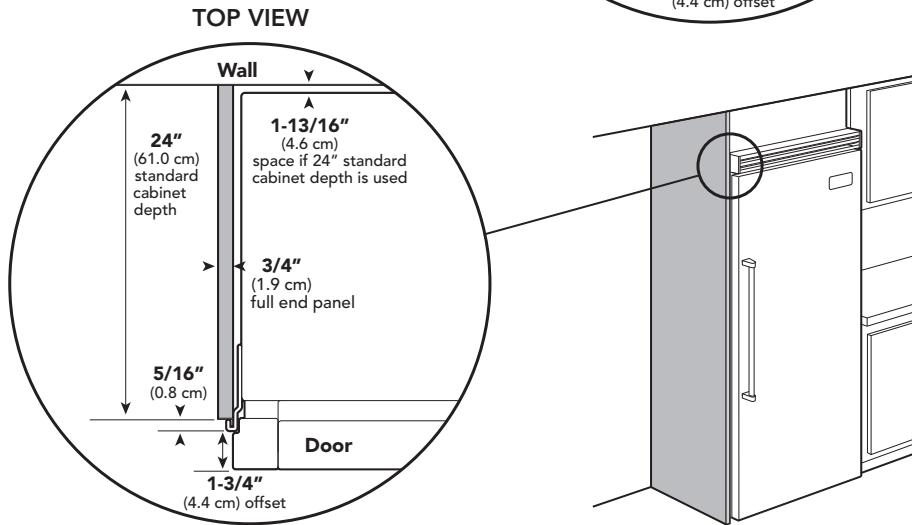
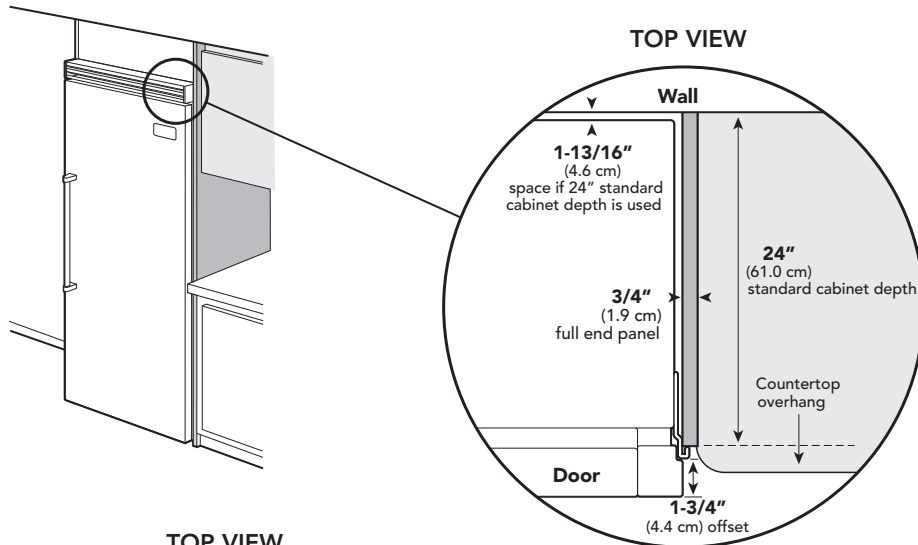


REFRIGERATION Quiet Cool™ Built-In 36"W. All Refrigerator



Dimensions & Specifications

CLEARANCE DIMENSIONS—PROFESSIONAL



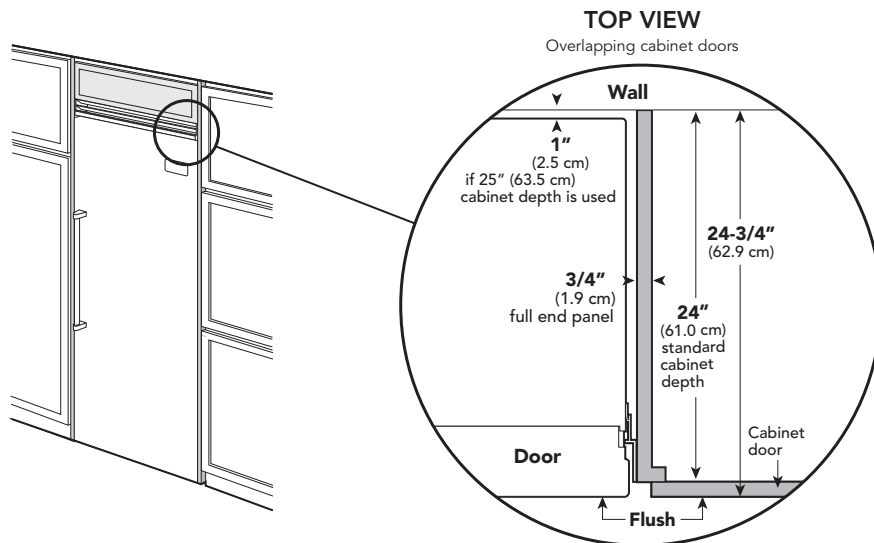
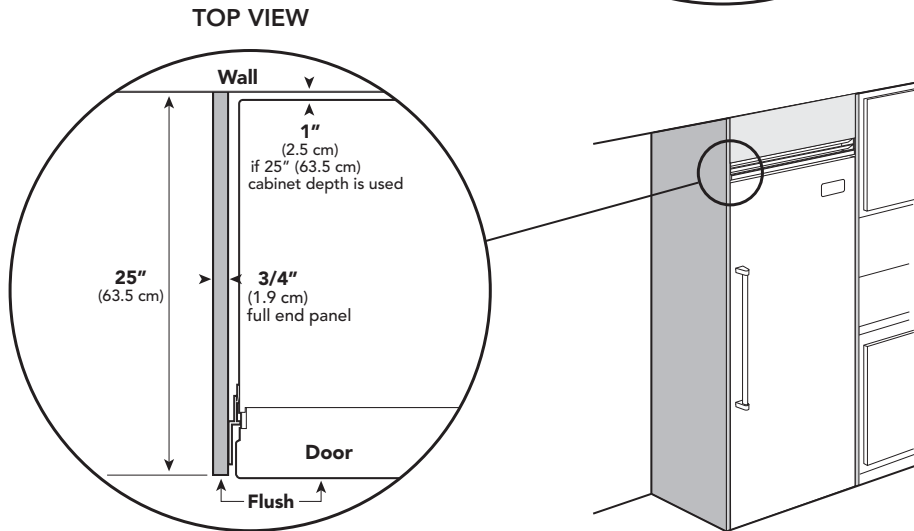
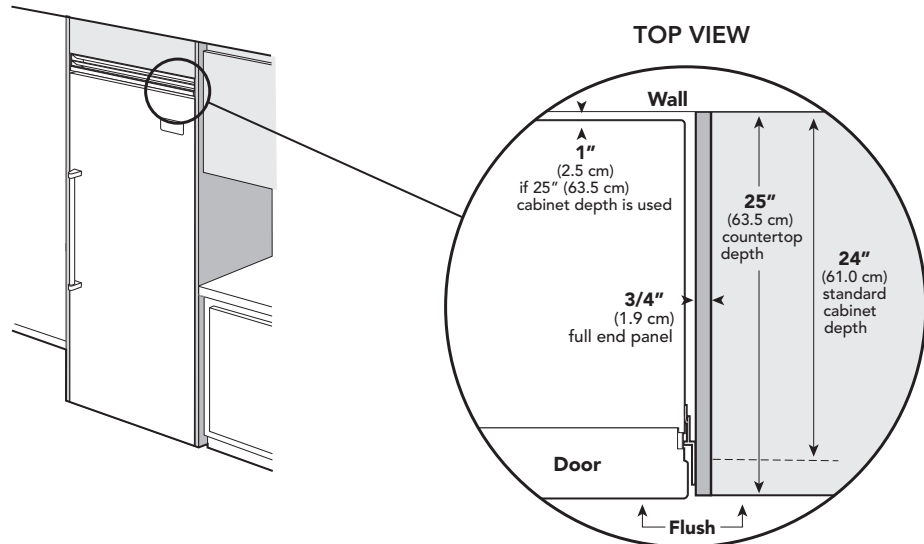


REFRIGERATION Quiet Cool™ Built-In 36"W. All Refrigerator



Dimensions & Specifications

CLEARANCE DIMENSIONS—PROFESSIONAL WITH FLUSH MOUNT TRIM





REFRIGERATION

Quiet Cool™ Built-In 36"W. All Refrigerator



UTILITY REQUIREMENTS



GAS
Not applicable



- ELECTRICAL**
- Three-wire cord with grounded three-prong plug attached to product
 - 115 VAC/60 Hz; 15 amp dedicated circuit
 - Maximum amp usage—6.5
 - Estimated energy usage—499 kWh/year



PLUMBING
Not applicable

Installation Requirements

ACCESS REQUIREMENTS – Single Installation

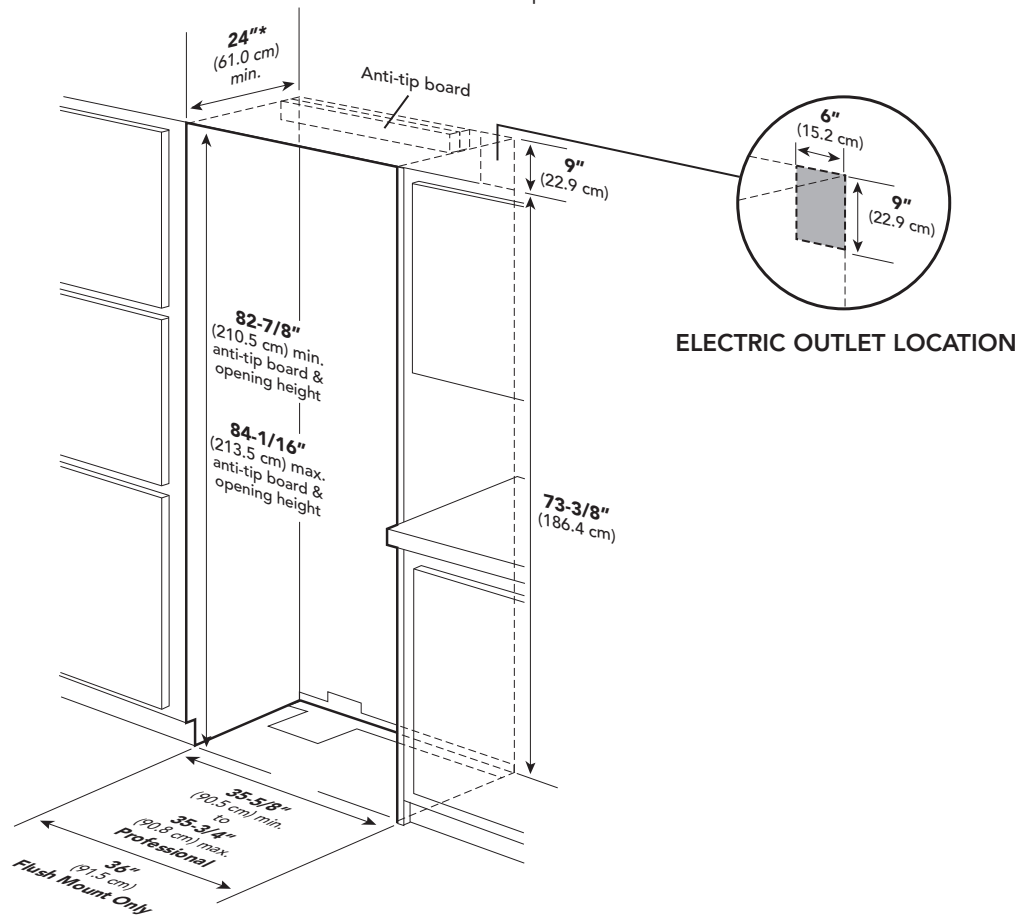


VCRB5361
Professional



FDRB5361
Custom Panel

See **Custom Panels** section for more information and additional specifications.



*Custom panel models fit flush in 25"-deep (63.5 cm) cabinet openings. They can be installed in standard 24"-deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

	VCRB5361	VCRB5361/Flush Mount	FDRB5361
Cutout width	35-5/8" (90.5 cm) min. to 35-3/4" (90.8 cm) max.	36" (91.5 cm)	36" (91.5 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.*		





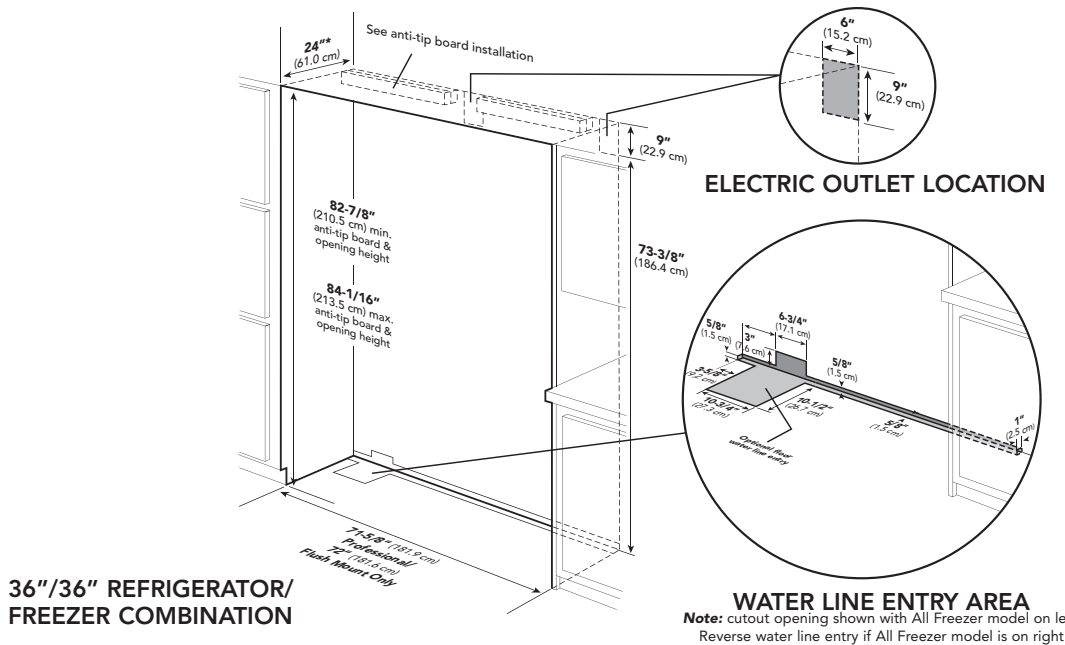
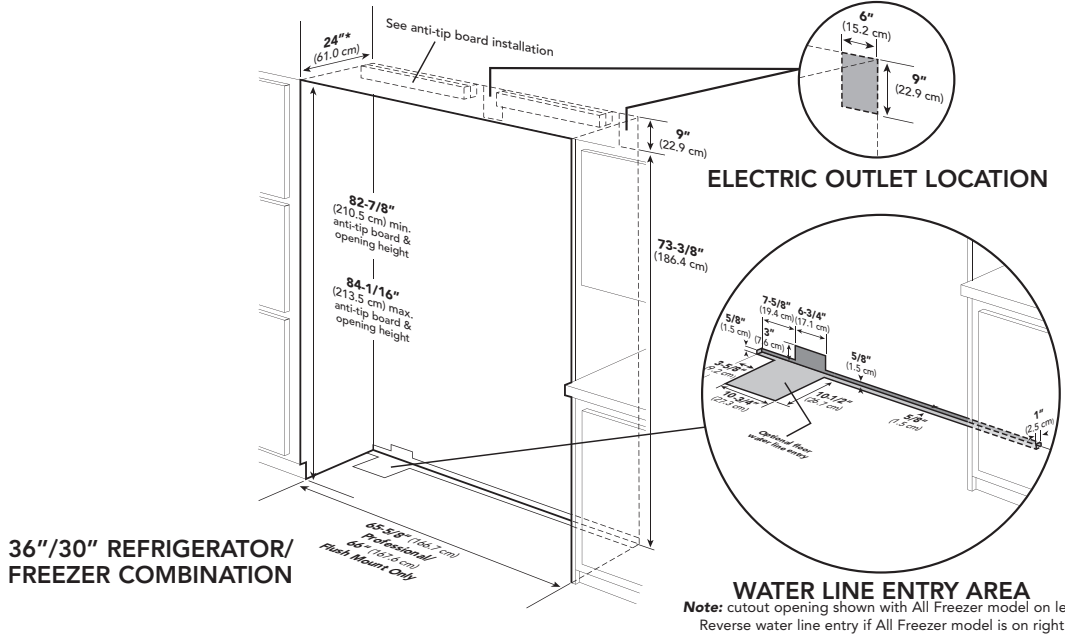
REFRIGERATION

Quiet Cool™ Built-In 36"W. All Refrigerator



Installation Requirements

ACCESS REQUIREMENTS – Dual Installation



*Custom panel models fit flush in 25"-deep (63.5 cm) cabinet openings. They can be installed in standard 24"-deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

	VCRB5361/VCFB5301	VCRB5361/VCFB5301 Flush Mount	FDRB5361/FDFB5301
Cutout width	65-5/8" (166.7 cm)	66" (167.6 cm)	66" (167.6 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.*		

	VCRB5361/VCFB5361	VCRB5361/VCFB5361 Flush Mount	FDRB5361/FDFB5361
Cutout width	71-5/8" (181.9 cm)	72" (182.9 cm)	72" (182.9 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.*		





REFRIGERATION

Quiet Cool™ Built-In 36"W. All Refrigerator



★ Installation Notes & Accessories

Side Panel Kits

- Stainless Steel (SS)
- Panels provide finished, freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
PSSPL2	Professional side panel left - Standard Mount	45 (20.2)
PSSPR2	Professional side panel right - Standard Mount	45 (20.2)
DSSPL2	Designer side panel left - Flush Mount	45 (20.2)
DSSPR2	Designer side panel right - Flush Mount	45 (20.2)

Side Panel Hardware Kit

- For use with custom panel built-in refrigerator/freezers
- Hardware allows installation of custom side panels
- Kit includes brackets, screws, and installation instructions to mount panels on left and right side

Model	Description	Approx. ship wt. lbs. (kg)
SPHKDS	Side panel hardware	3 (1.4)

Top Panel Kit

- Stainless Steel (SS)
- Panel provides finished, freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
TOP-36	36"W. top panel	22 (10.0)

Top Grille Kits

- Stainless Steel (SS)
- 66"W. top grille kit—for use with installation of one 36"W. and one 30"W. all refrigerators/all freezers side-by-side
- 72"W. top grille kit—for use with installation of two 36"W. all refrigerators/all freezers side-by-side
- Grille creates a single unit look
- Kit includes one full-length grille, center cabinet trim connector, and all installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
DDGK66-SS	66"W. grille (for two VCRB/VCFB/FDRB/FDFB units)	23 (10.4)
DDGK72-SS	72"W. grille (for two VCRB/VCFB/FDRB/FDFB units)	25 (11.3)

Center Trim Kit

- Stainless Steel (SS)
- Kit includes cabinet trim connector to install two custom panel units with wood top grille

Model	Description	Approx. ship wt. lbs. (kg)
FCTK-SS	Center trim	5 (2.3)





REFRIGERATION

Quiet Cool™ Built-In 36"W. All Refrigerator



Handle Kits

- For use with custom panel refrigerators
- For use on locally supplied custom panels
- Handles allow refrigerator/freezers with custom panels to coordinate with other Professional products
- Kit includes handle(s) and installation hardware

Model	Description	Approx. ship wt. lbs. (kg)
PHK28-SS	Professional one handle (Stainless Steel)	7 (3.2)
PHKDFSB5-SS	Professional two handles Stainless Steel	10 (4.5)

Compliance Information



WARRANTY SUMMARY*

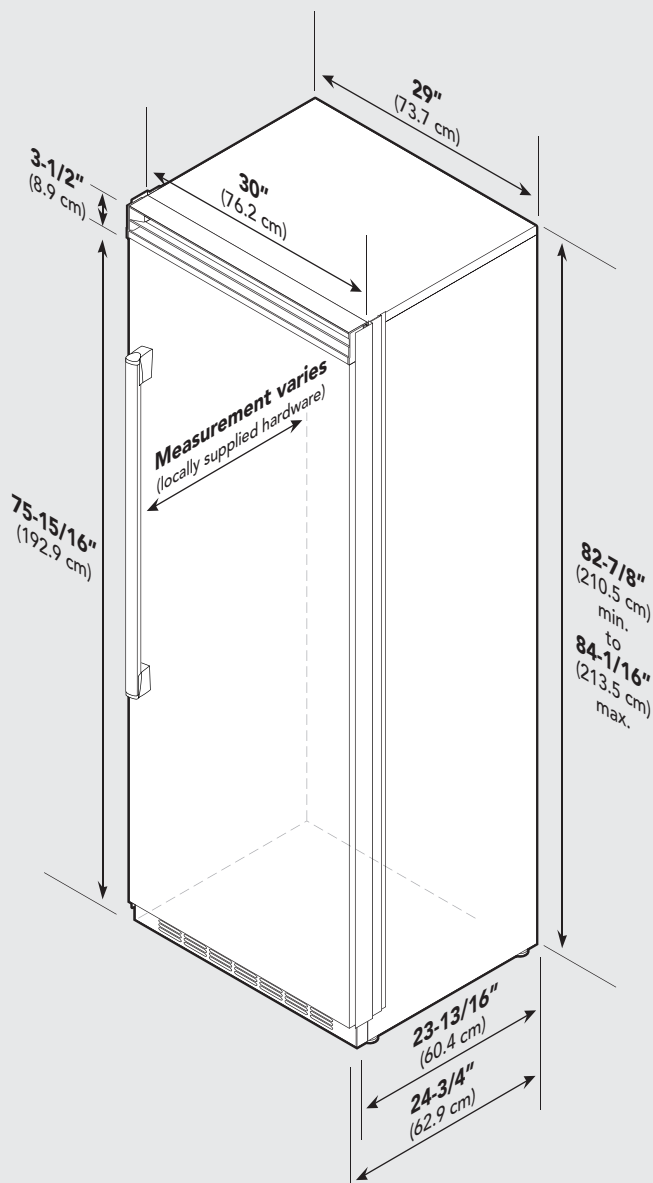
- Three-year full warranty—complete unit
- Six-year full warranty—sealed refrigeration system
- Twelve-year limited warranty—sealed refrigeration system (includes compressor, condenser, dryer/strainer, evaporator, and connecting tubing)
- Ninety-day limited warranty—cosmetic parts such as glass, painted, and decorative items

* For complete warranty see *Use & Care Guide*. Warranty valid on Viking products shipped within the United States and Canada.

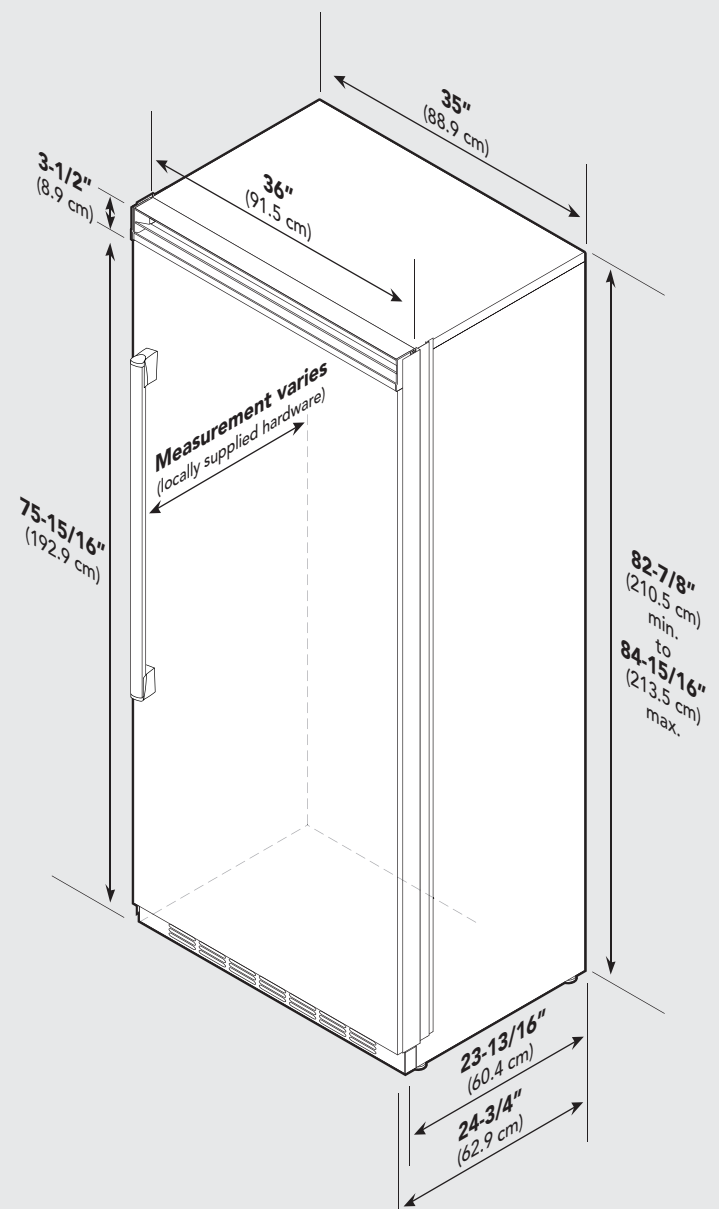


Dimensions (All Refrigerator/Freezer)

30" All Refrigerator/Freezer



36" All Refrigerator/Freezer



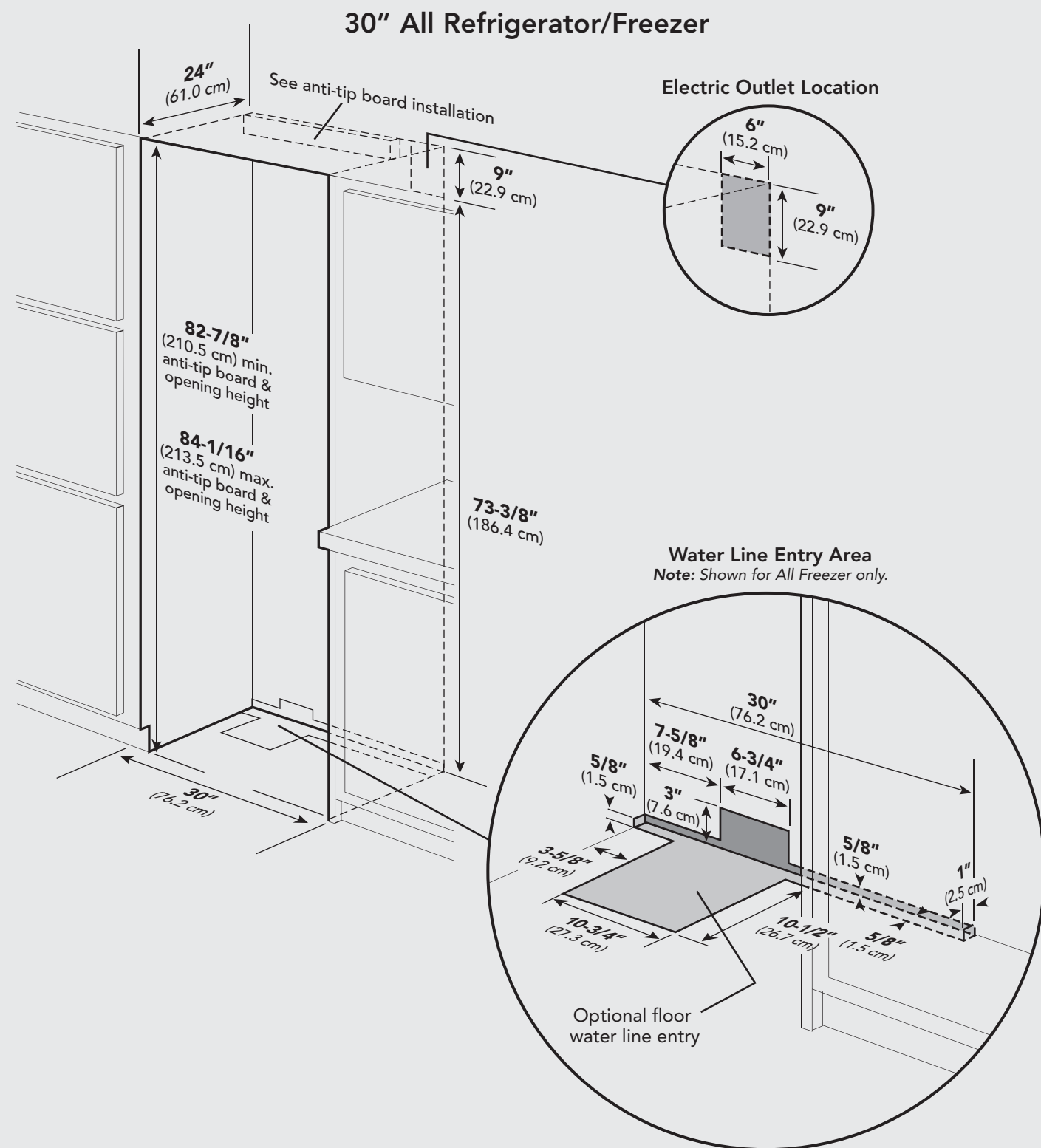
Specifications (All Refrigerator/Freezer)

30" All Refrigerator/Freezer		
Description	DFFB530	DFRB530
Overall width	30" (76.2 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)	
Cutout width	30" (76.2 cm)	
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	
Electrical requirements	115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product	
Maximum amp usage	9.9 amps	
Inlet water requirements	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi	N/A
Overall interior dimensions total capacity	15.9 cu. ft. (450 liters)	18.2 cu. ft. (516 liters)
Maximum panel weight	50 lbs. (22.7 kg)	
Approximate shipping weight	425 lbs. (193.2 kg)	

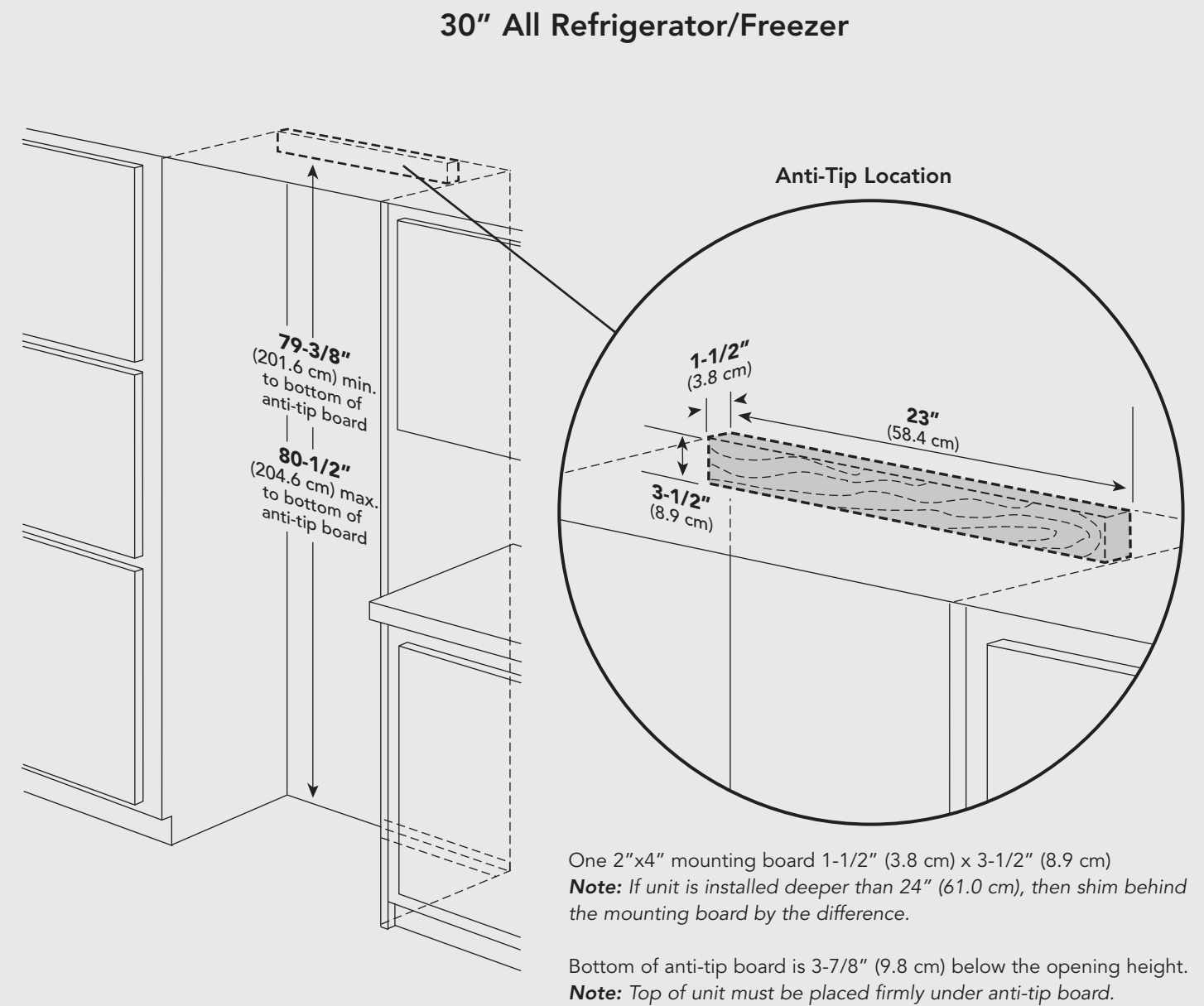
36" All Refrigerator/Freezer		
Description	DFFB536	DFRB536
Overall width	36" (91.5 cm)	
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.	
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)	
Cutout width	36" (91.5 cm)	
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.	
Cutout depth	24" (61.0 cm) min.*	
Electrical requirements	115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product	
Maximum amp usage	9.9 amps	
Inlet water requirements	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi	N/A
Overall interior dimensions total capacity	19.1 cu. ft. (541 liters)	22.8 cu. ft. (646 liters)
Maximum panel weight	60 lbs. (27.2 kg)	
Approximate shipping weight	500 lbs. (227.3 kg)	

*Note: Custom panel models fit flush in 25" (63.5 cm) deep cabinet openings. They can be installed in standard 24" (61.0 cm) deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

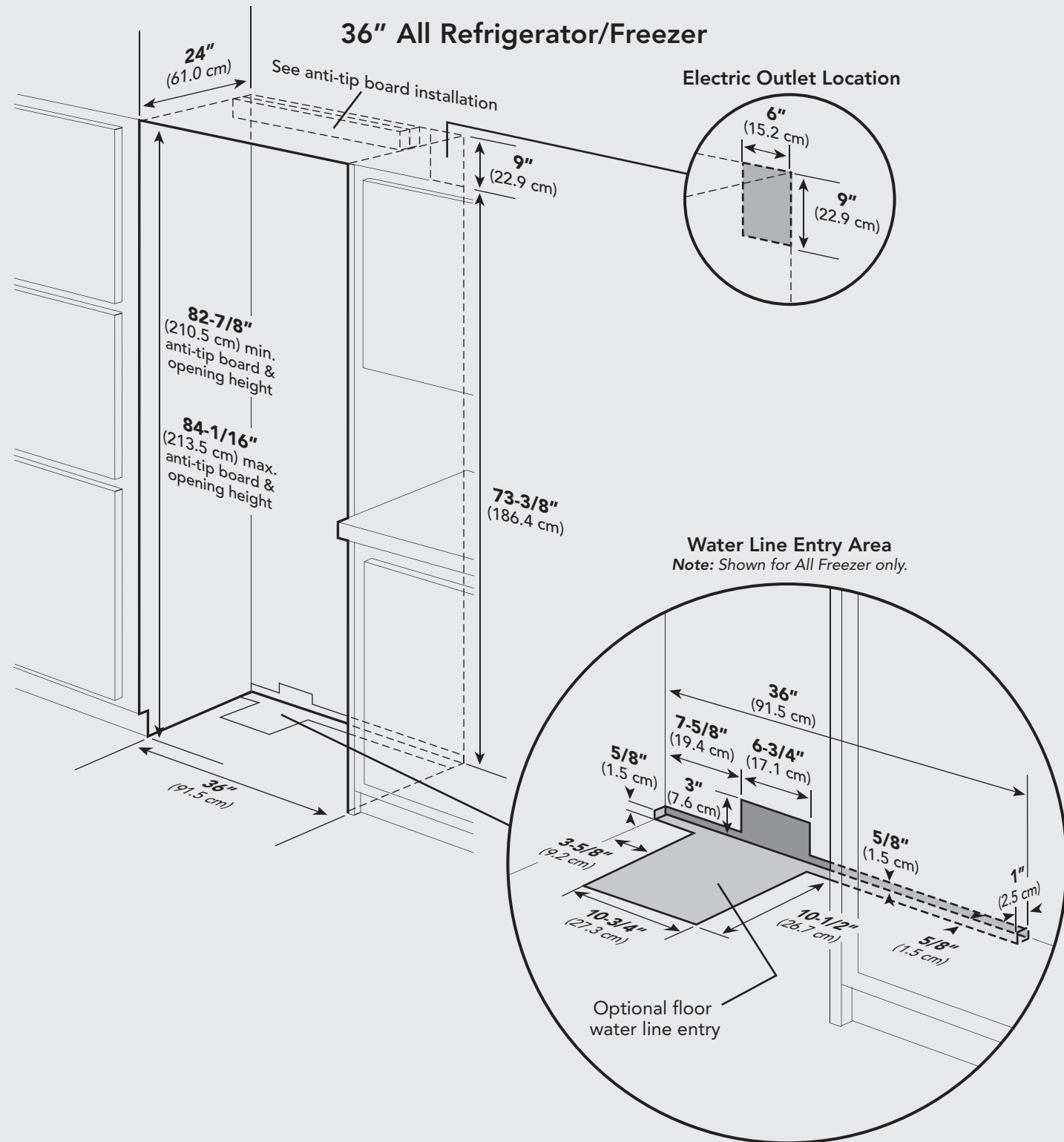
Cutout Dimensions (All Refrigerator/Freezer)



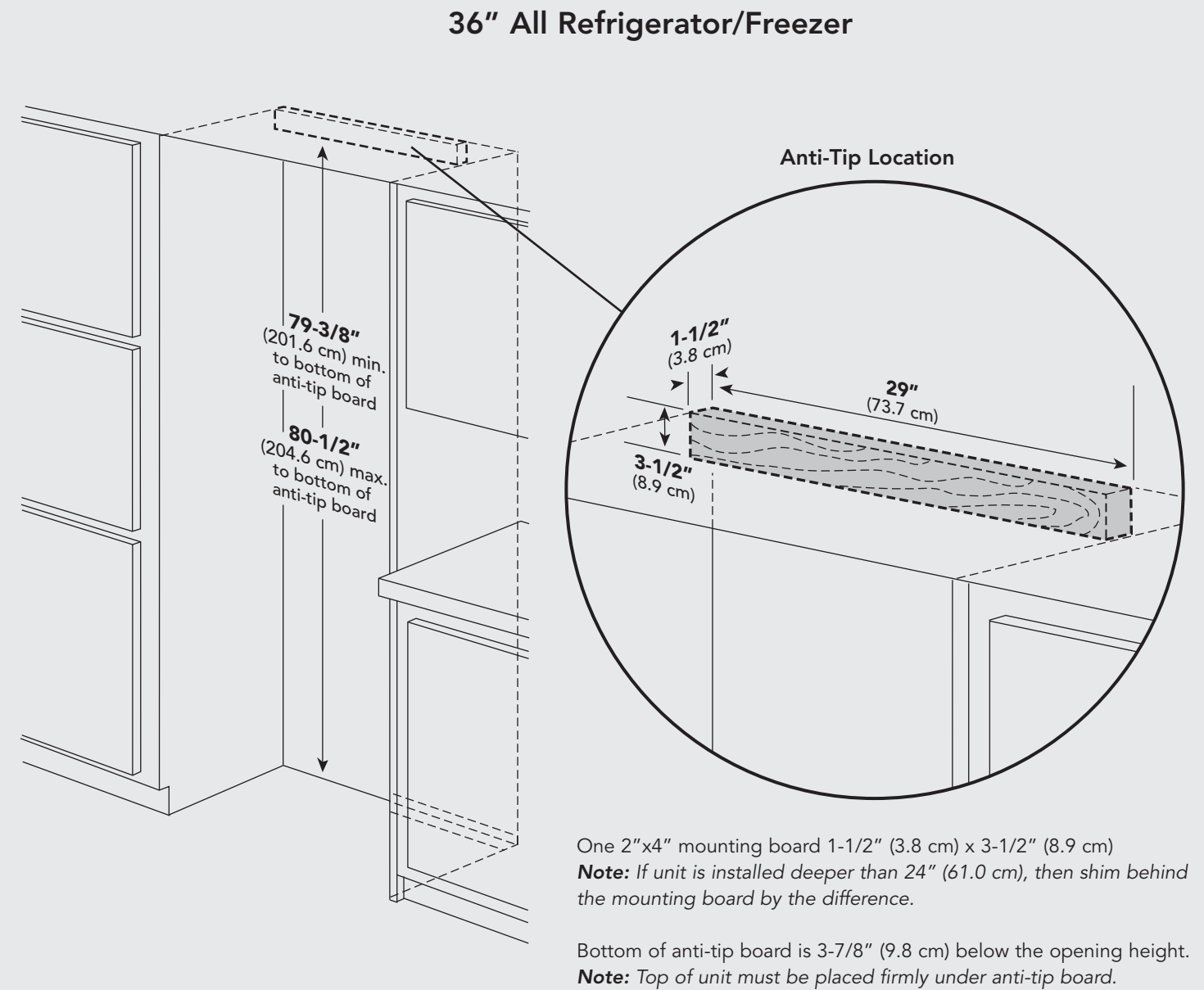
Anti-Tip Dimensions (All Refrigerator/Freezer)



Cutout Dimensions (All Refrigerator/Freezer)

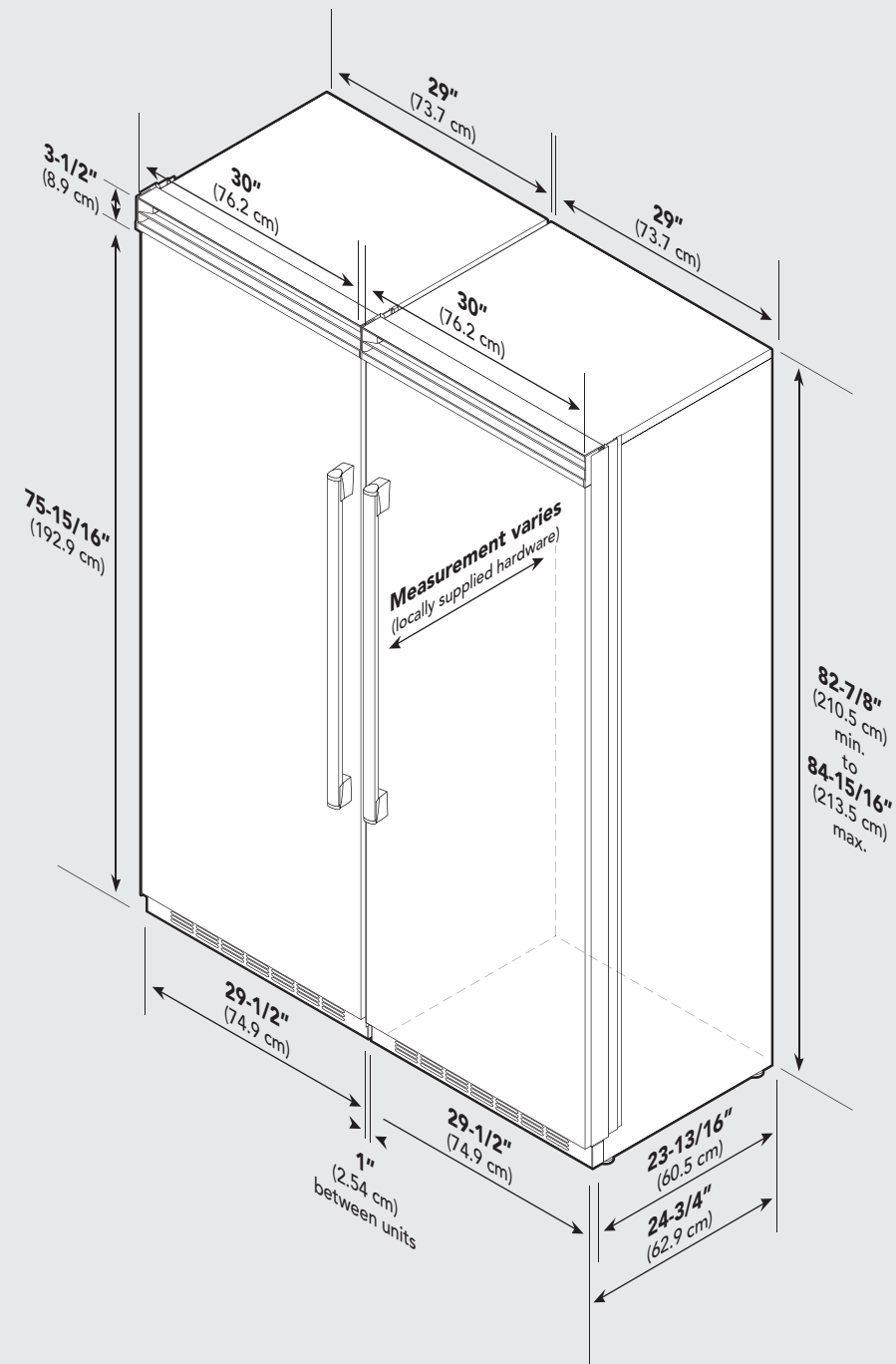


Anti-Tip Dimensions (All Refrigerator/Freezer)



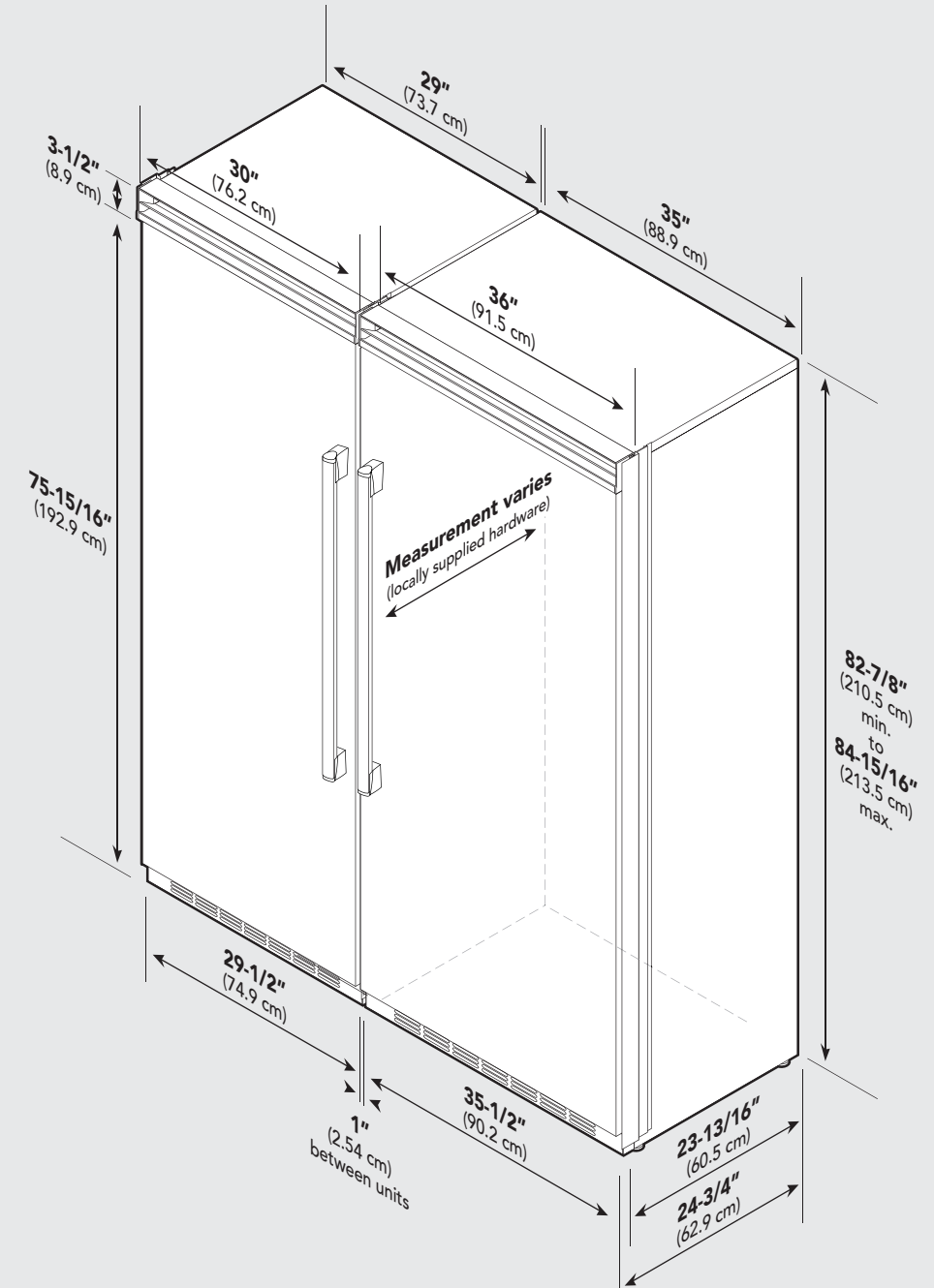
Dimensions (All Refrigerator/Freezer)

Dual 30" All Refrigerator/Freezer

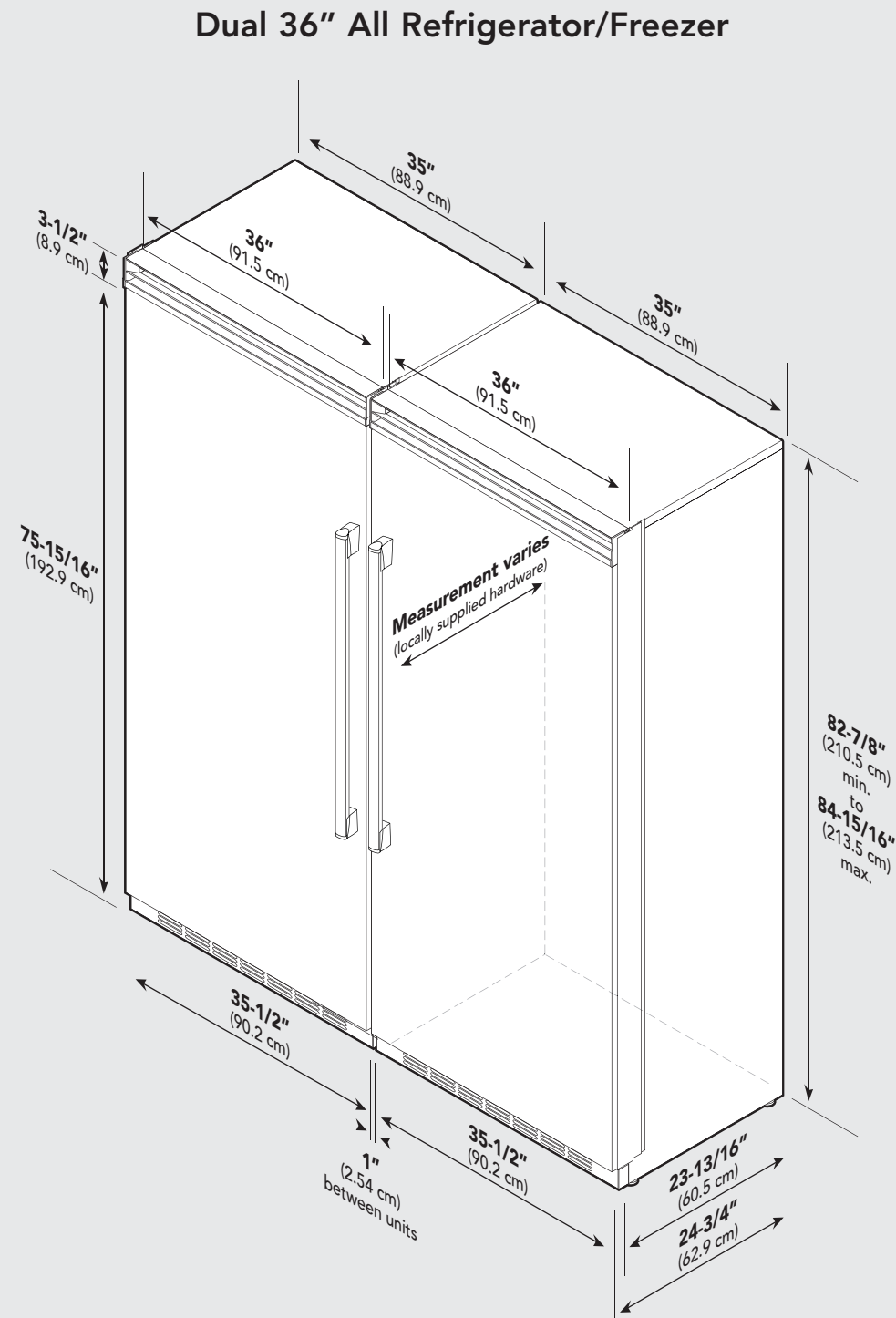


Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



Dimensions (All Refrigerator/Freezer)



Specifications (All Refrigerator/Freezer)

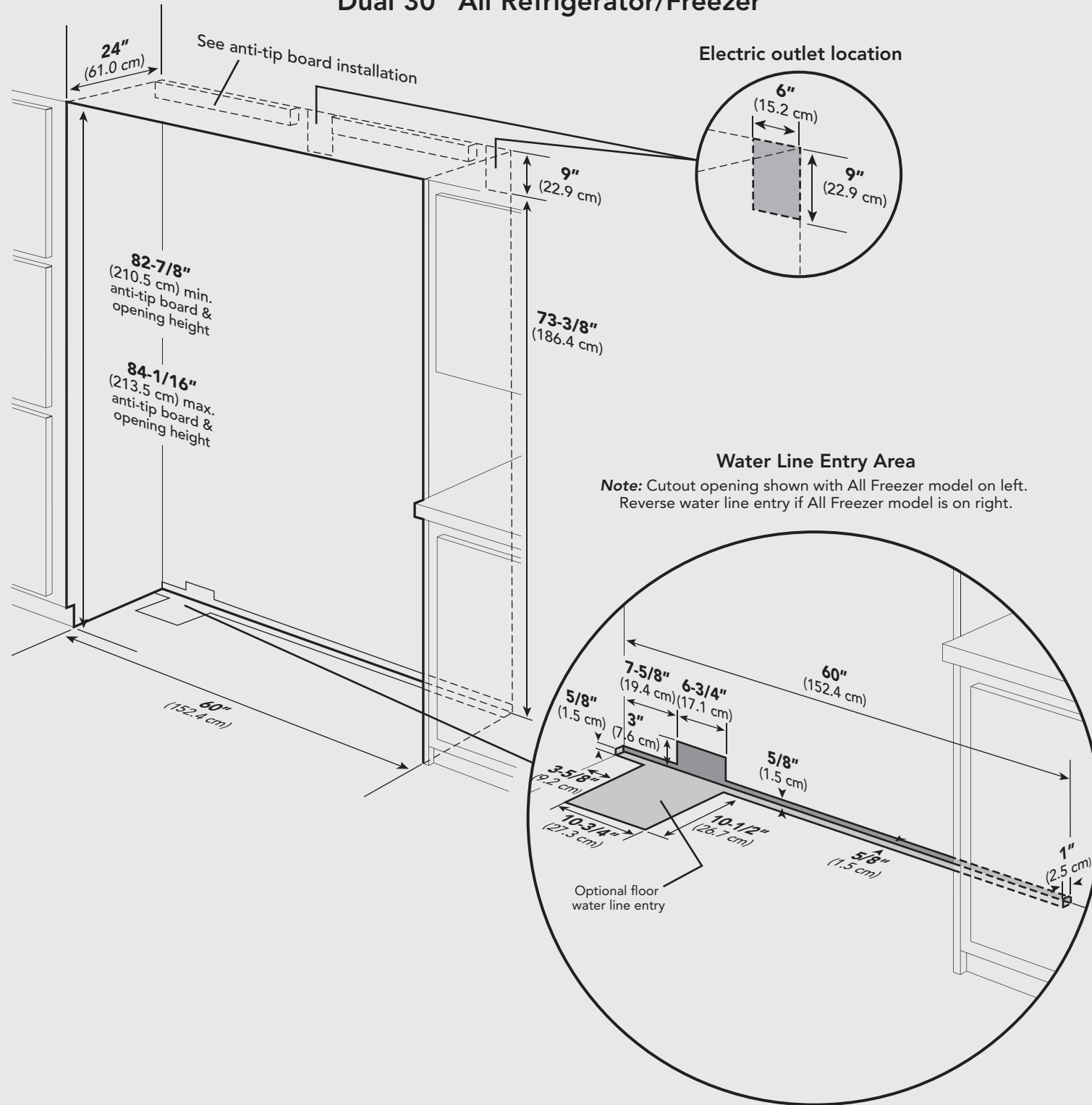
Dual All Refrigerator/Freezer*			
Description	(2) 30" Units	(1) 36" & (1) 30" Unit	(2) 36" Units
Overall width	60" (152.4 cm)	66" (167.6 cm)	72" (182.9 cm)
Overall height (from bottom)	82-3/4" (210.2 cm) min. to 84-1/16" (213.5 cm) max.		
Overall depth (from rear)	To front edge of side trim: 23-13/16" (60.5 cm) To front of top grille: 24-3/4" (62.9 cm) To front edge of door trim: 24" (61.0 cm)		
Cutout width	60" (152.4 cm)	66" (167.6 cm)	72" (182.9 cm)
Cutout height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.		
Cutout depth	24" (61.0 cm) min.**		
Electrical requirements	(2) 115 volt, 60 Hz, 15 amp dedicated circuit; 3-wire cord with grounded 3-prong plug attached to product		
Maximum amp usage	9.9 amps per unit		
Inlet water requirements (All Freezer only)	1/4" copper tubing inlet waterline; minimum 20 psi; maximum 120 psi		
Overall interior dimensions	30" freezer: 15.9 cu. ft. (450 liters) 30" refrigerator: 18.2 cu. ft. (516 liters) 36" freezer: 19.1 cu. ft. (541 liters) 36" refrigerator: 22.8 cu. ft. (646 liters)		
Maximum panel weight	30" freezer or refrigerator: 50 lbs. (22.7 kg) 36" freezer or refrigerator: 60 lbs. (27.2 kg)		
Approximate shipping weight	30" freezer or refrigerator: 425 lbs. (193.2 kg) 36" freezer or refrigerator: 500 lbs. (227.3 kg)		

*For installation of two units side-by-side, a separate grille kit accessory must be purchased.

**Note: Custom panel models fit flush in 25" (63.5 cm) deep cabinet openings. They can be installed in standard 24" (61.0 cm) deep openings. The door faces and top grille will protrude 3/4" (1.9 cm) into the room.

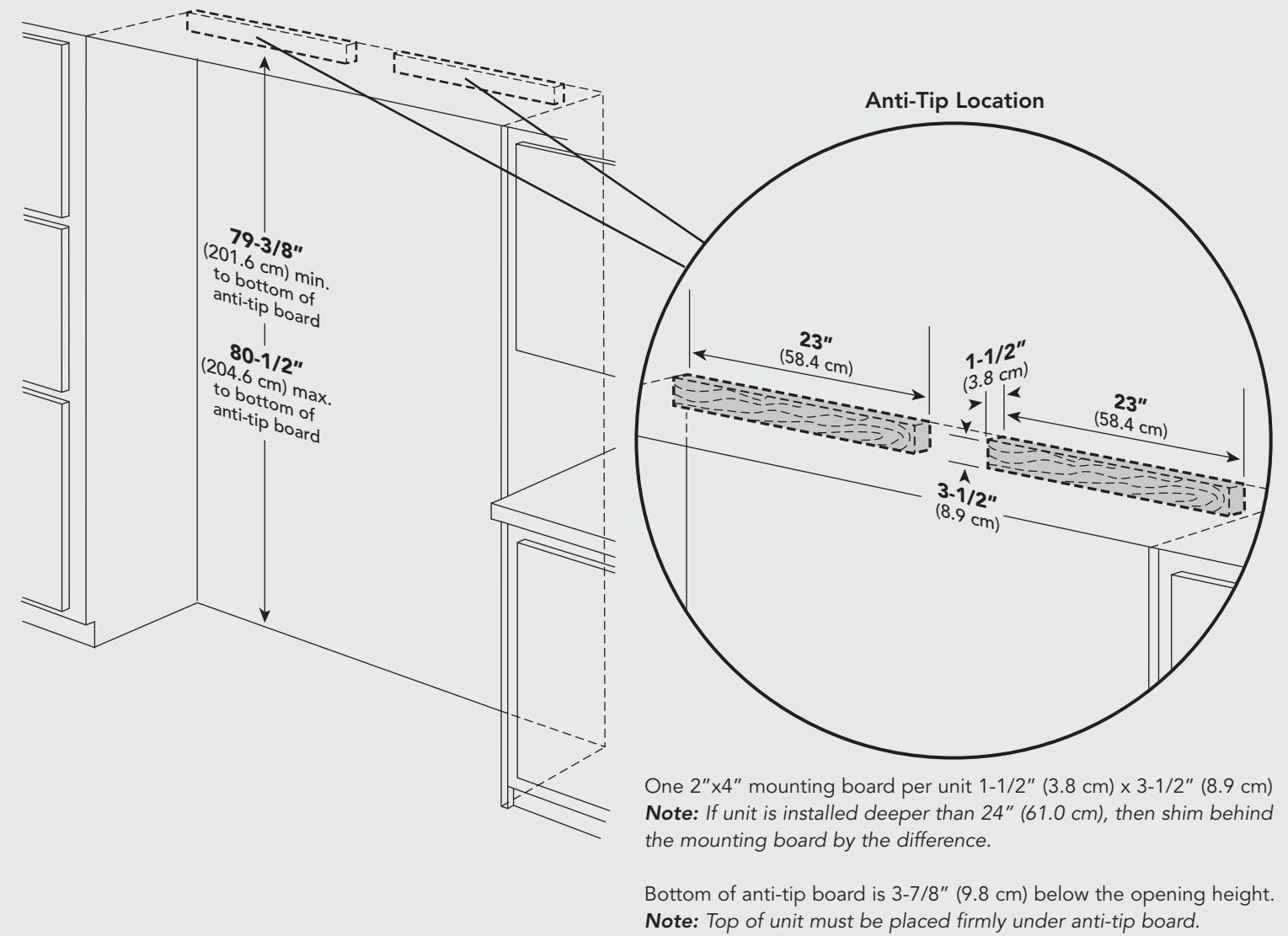
Cutout Dimensions (All Refrigerator/Freezer)

Dual 30" All Refrigerator/Freezer



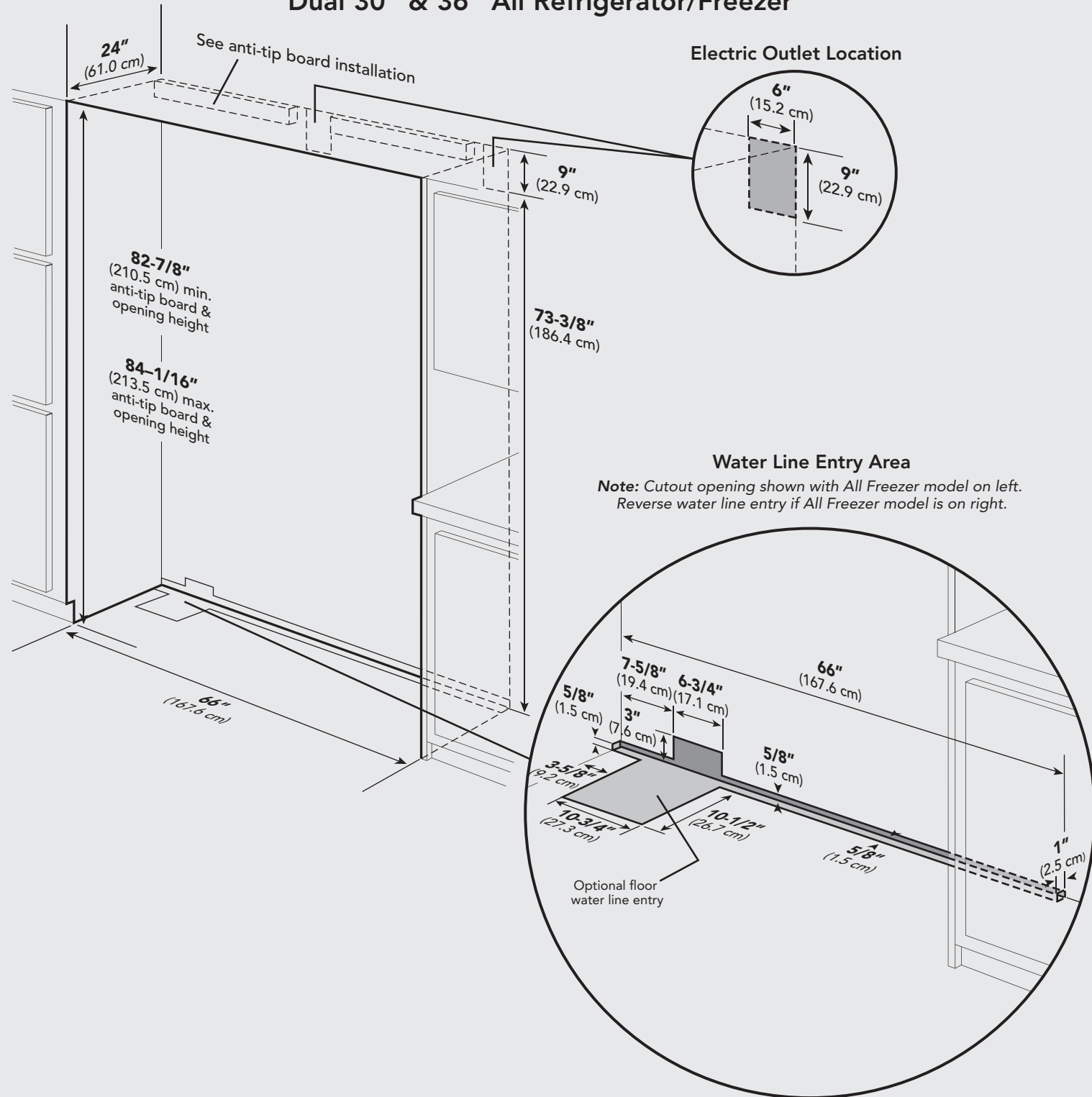
Anti-Tip Dimensions (All Refrigerator/Freezer)

Dual 30" All Refrigerator/Freezer



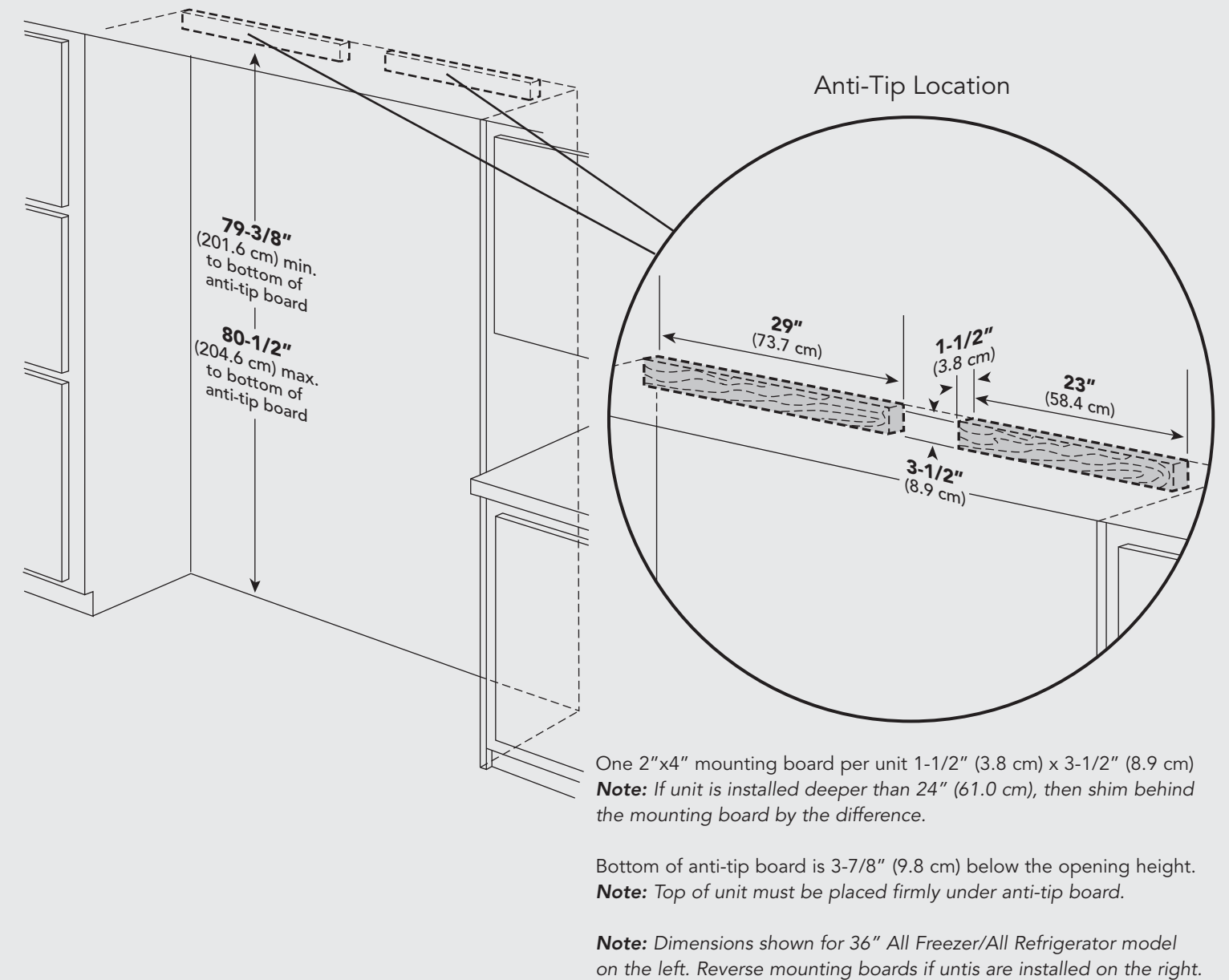
Cutout Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



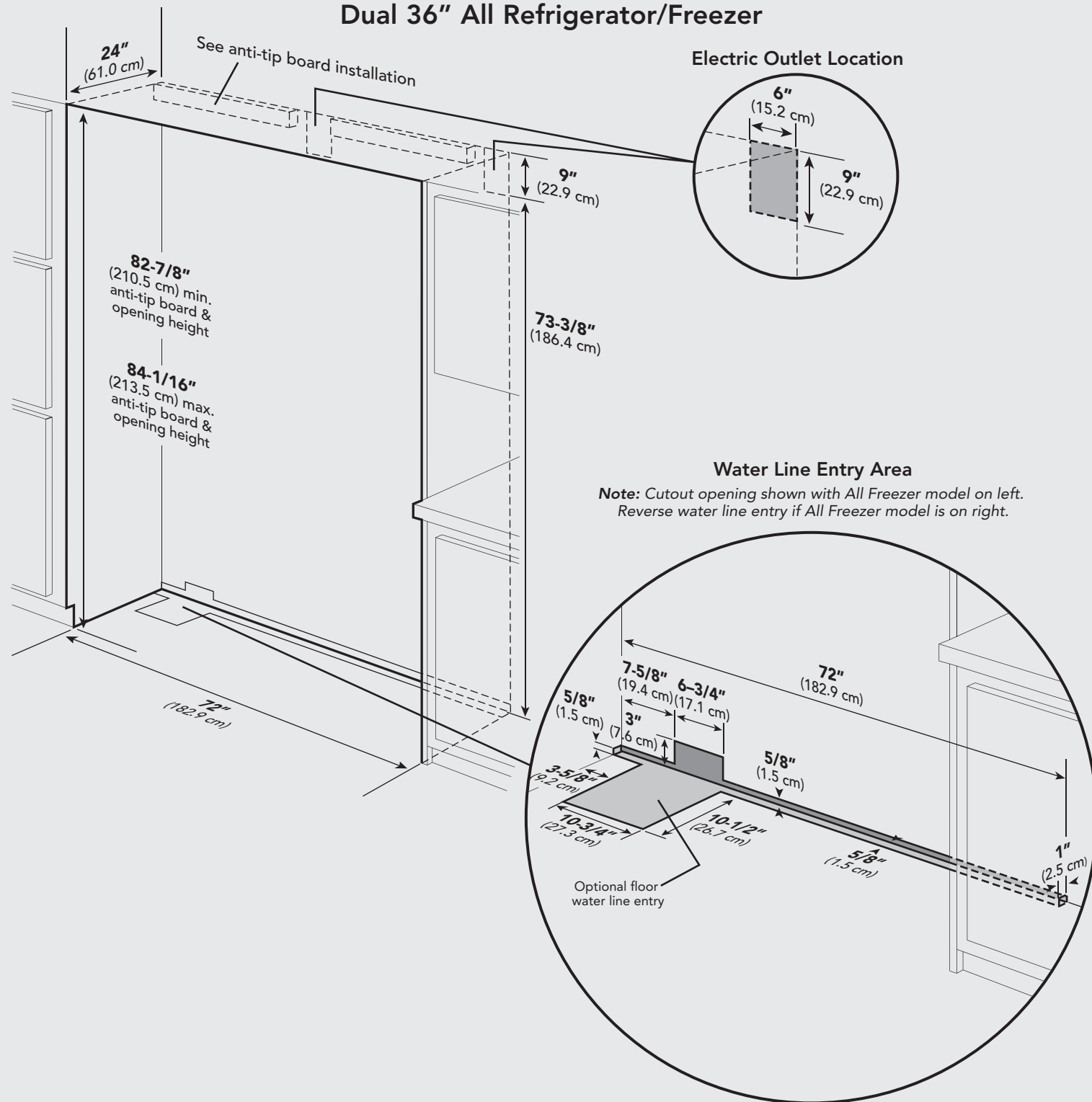
Anti-Tip Dimensions (All Refrigerator/Freezer)

Dual 30" & 36" All Refrigerator/Freezer



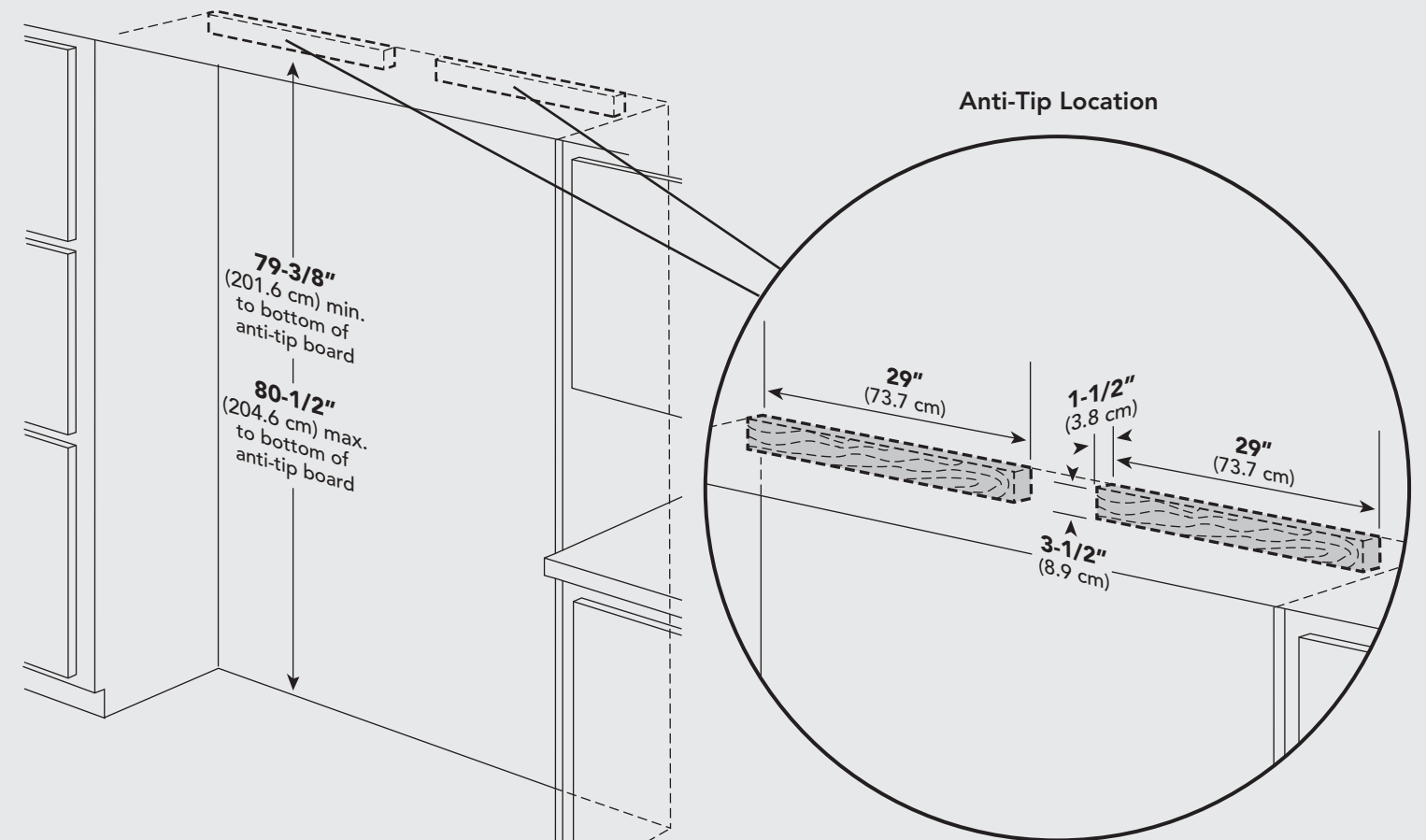
Cutout Dimensions (All Refrigerator/Freezer)

Dual 36" All Refrigerator/Freezer



Anti-Tip Dimensions (All Refrigerator/Freezer)

Dual 36" All Refrigerator/Freezer



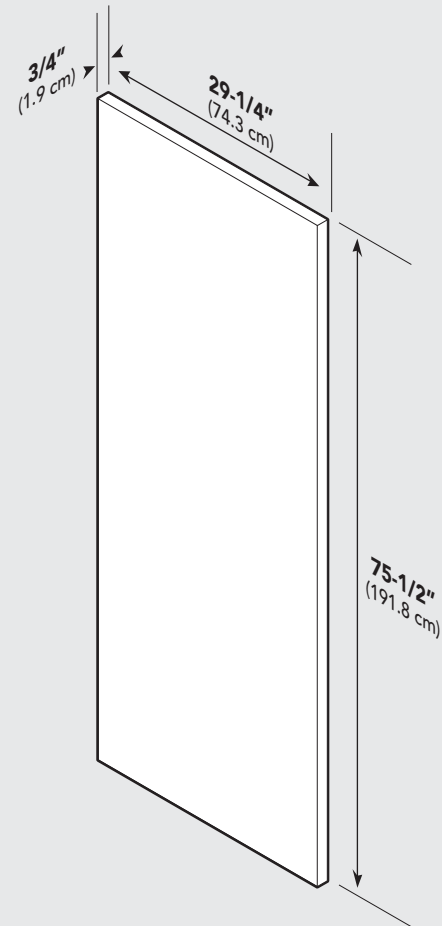
One 2"x4" mounting board per unit 1-1/2" (3.8 cm) x 3-1/2" (8.9 cm)
Note: If unit is installed deeper than 24" (61.0 cm), then shim behind the mounting board by the difference.

Bottom of anti-tip board is 3-7/8" (9.8 cm) below the opening height.
Note: Top of unit must be placed firmly under anti-tip board.

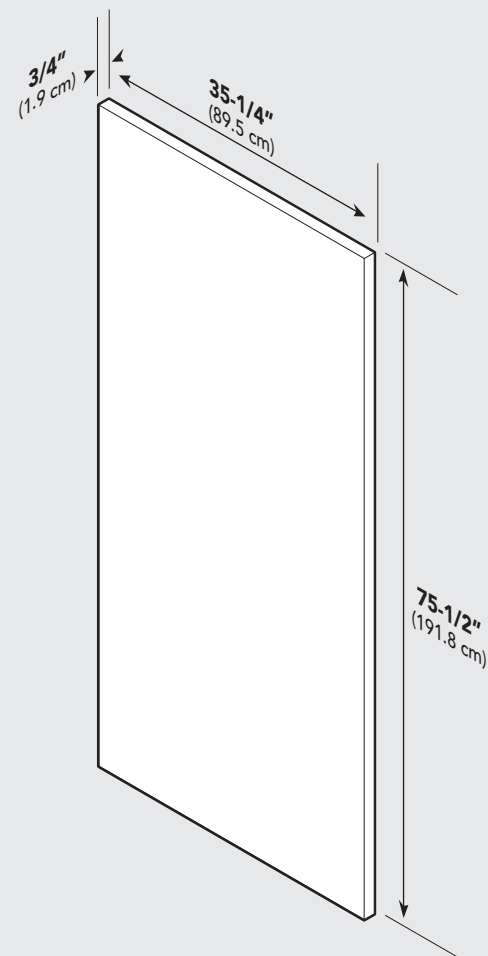
Overlay Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

30" Custom Panels



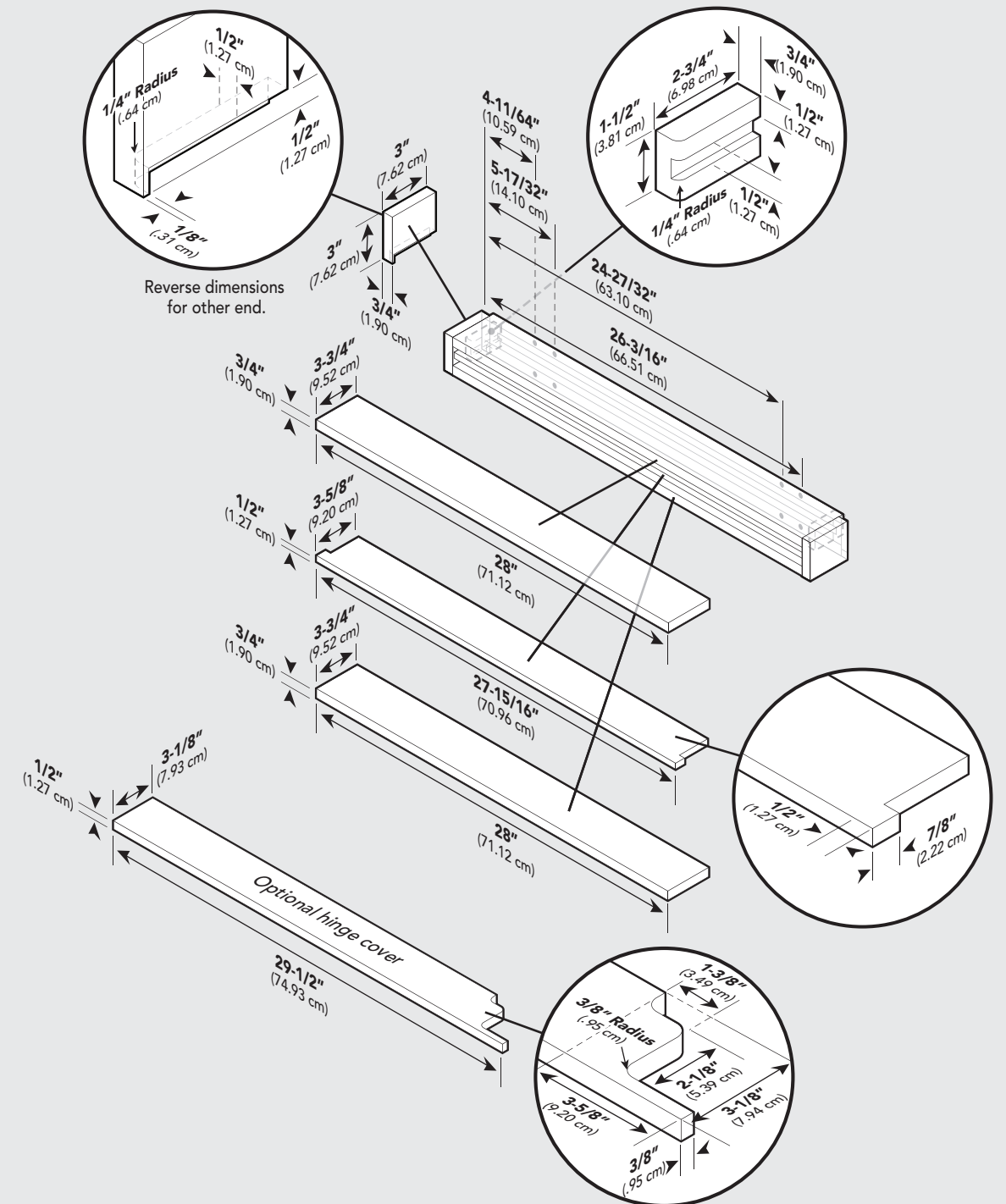
36" Custom Panels



Note: Hardware placement can vary depending on single or dual installation.

Note: Panel overlays must be dry, solid, straight one piece panels. The use of multiple panel pieces to achieve the dimensions is not recommended.

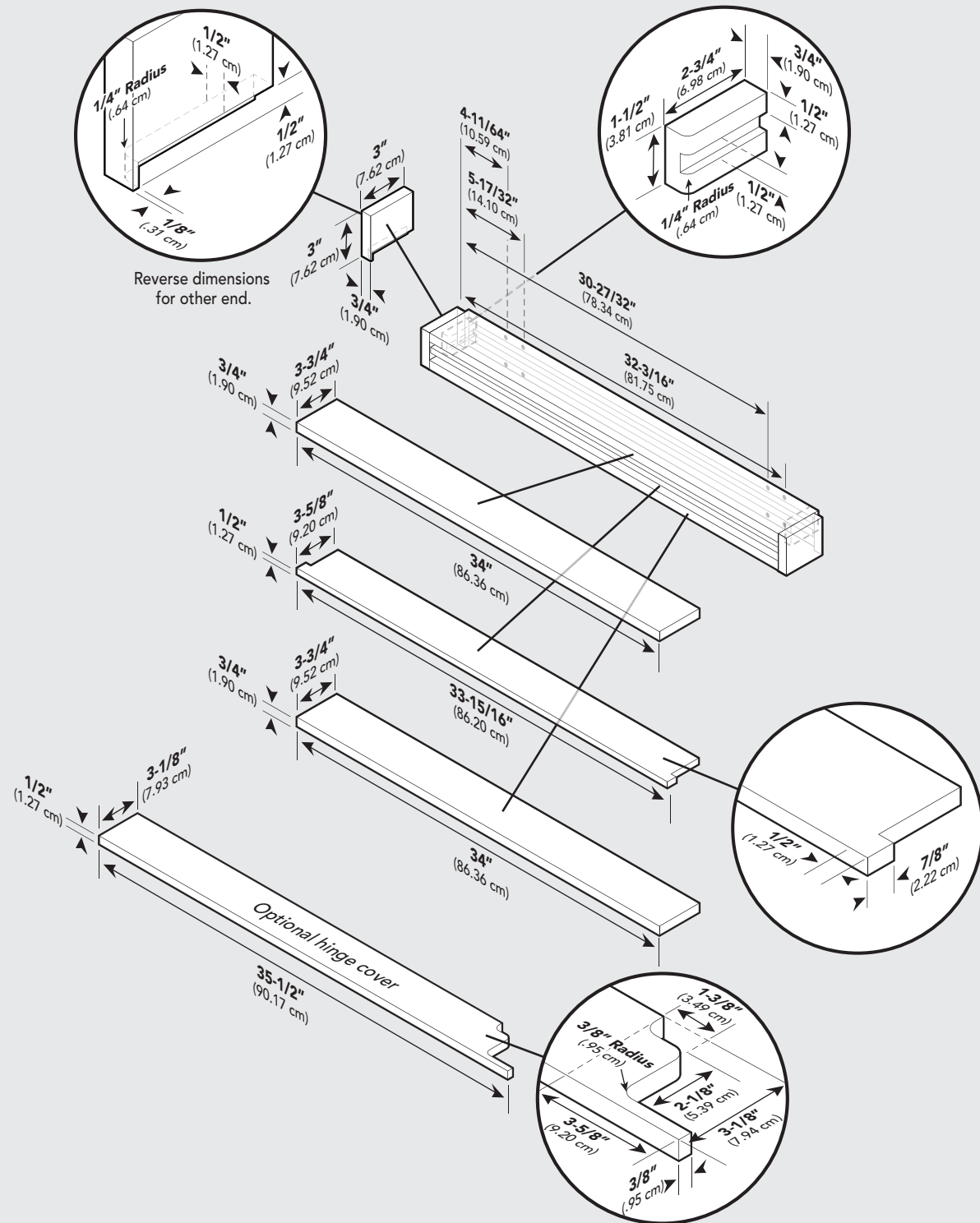
30" Custom Grille



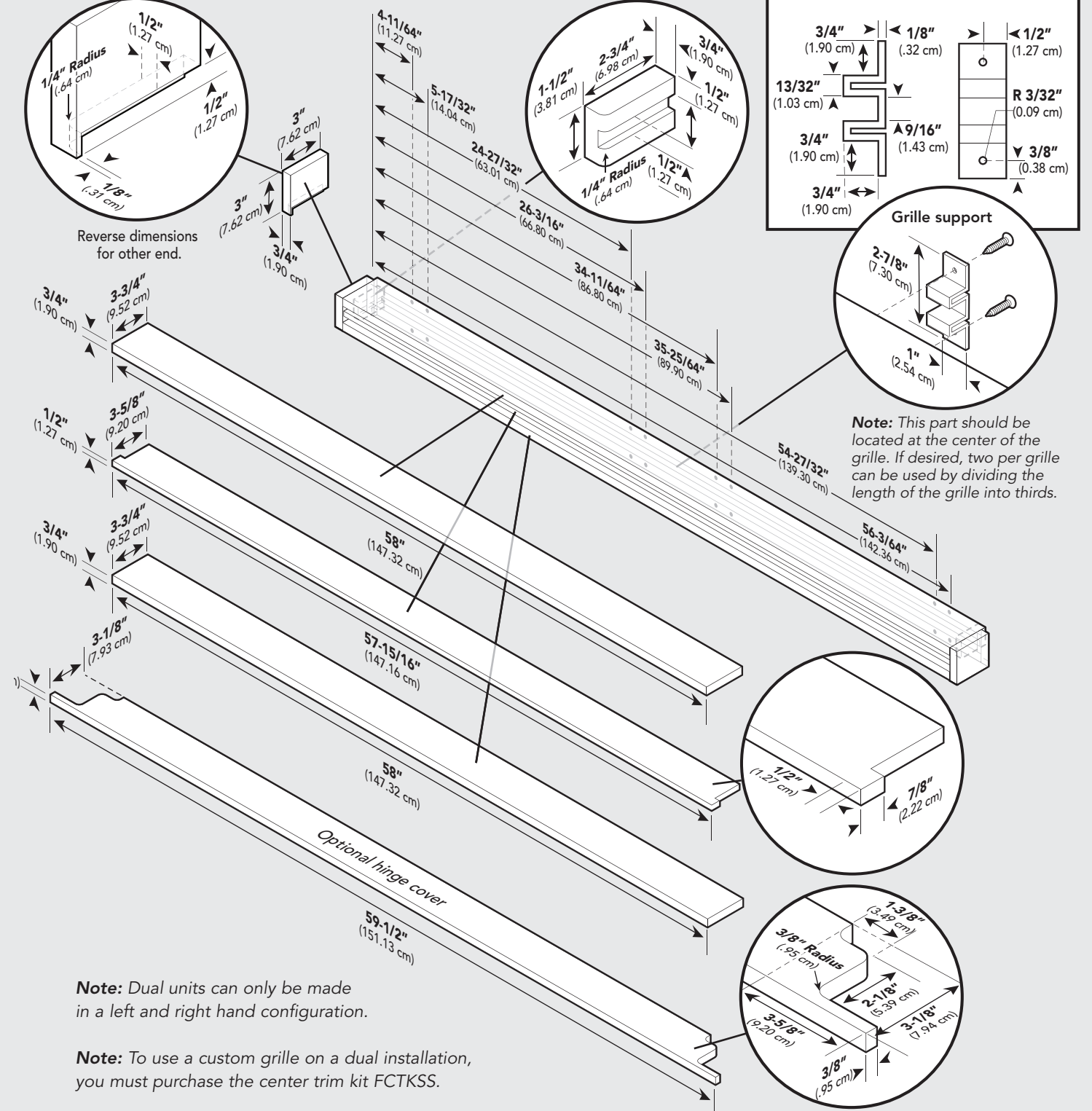
Custom Grille Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

36" Custom Grille



Dual 30" Custom Grille

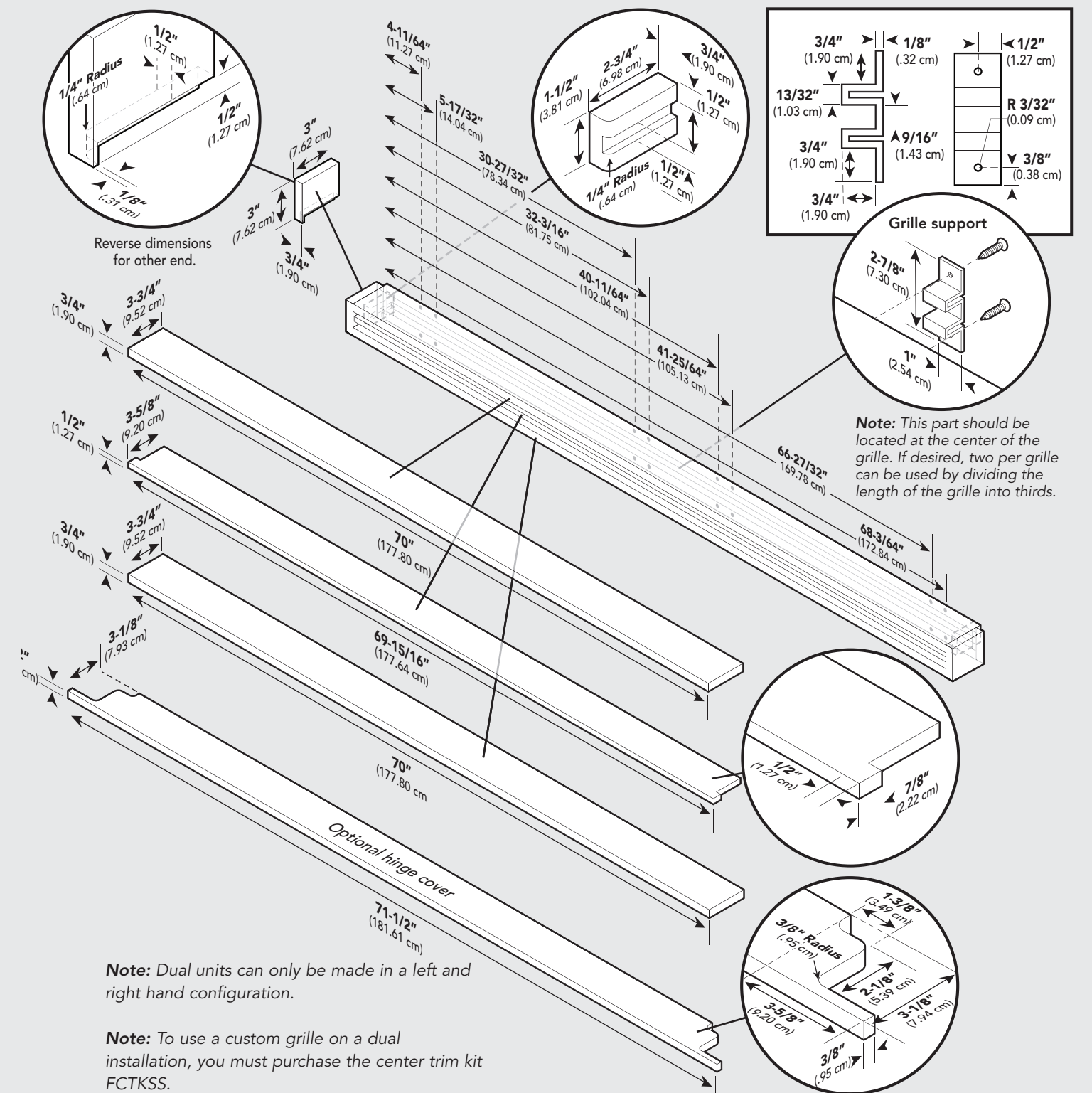
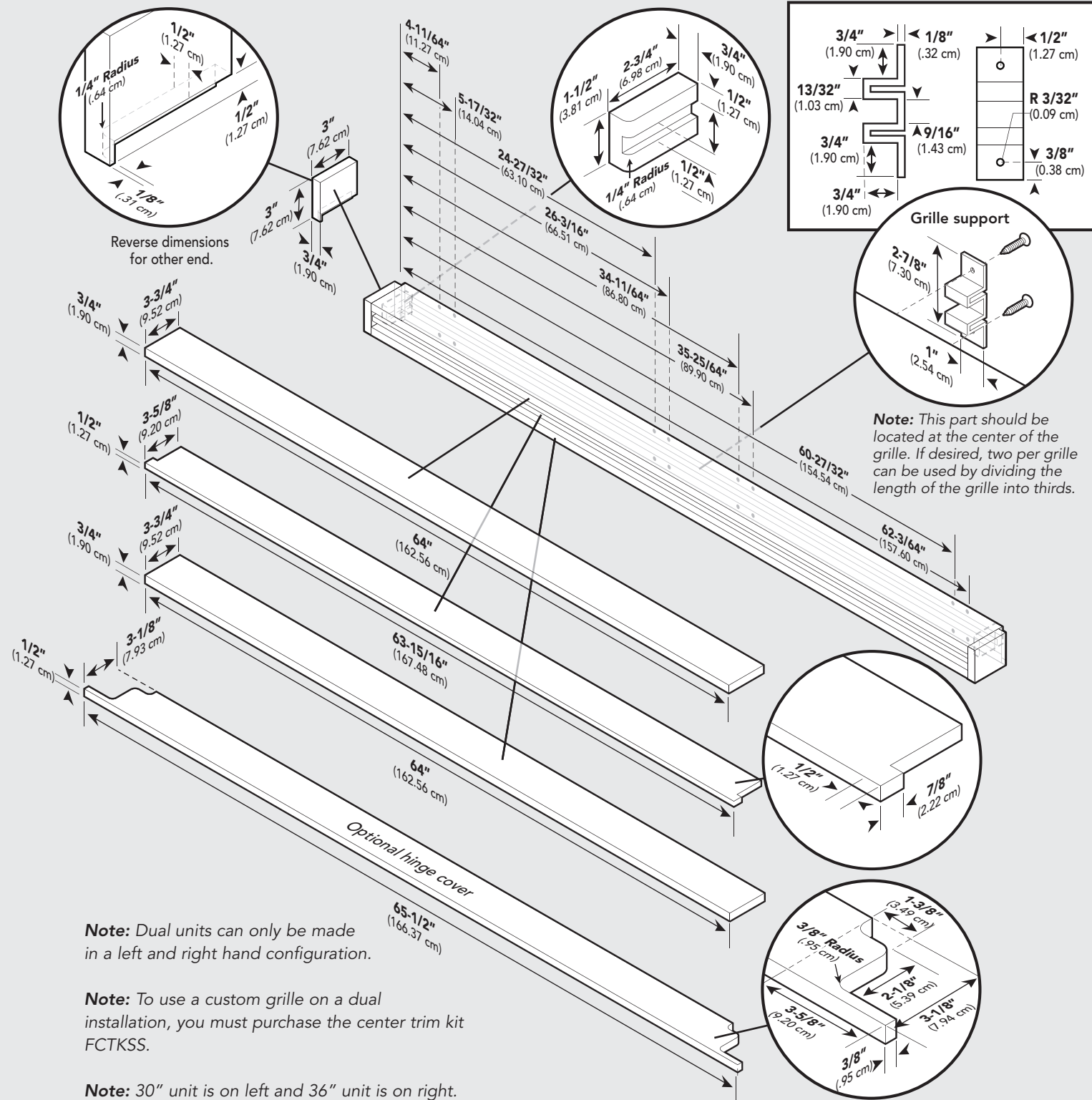


Custom Grille Dimensions (All Refrigerator/Freezer)

Custom Grille Dimensions (All Refrigerator/Freezer)

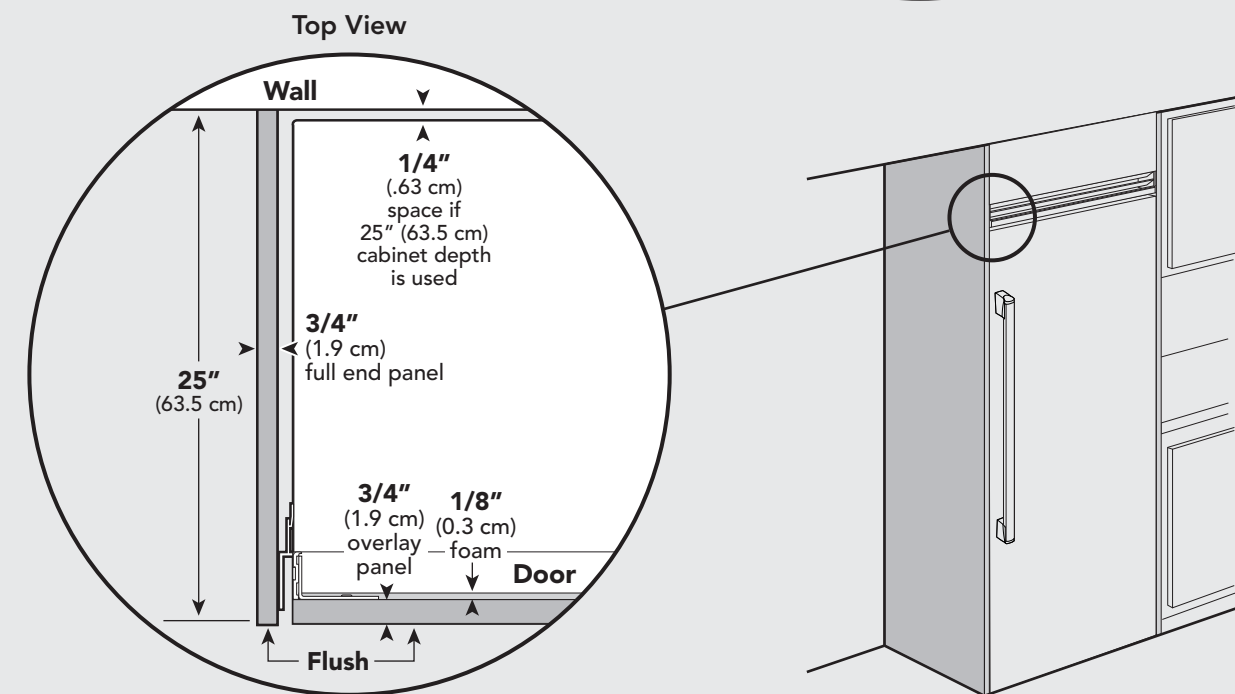
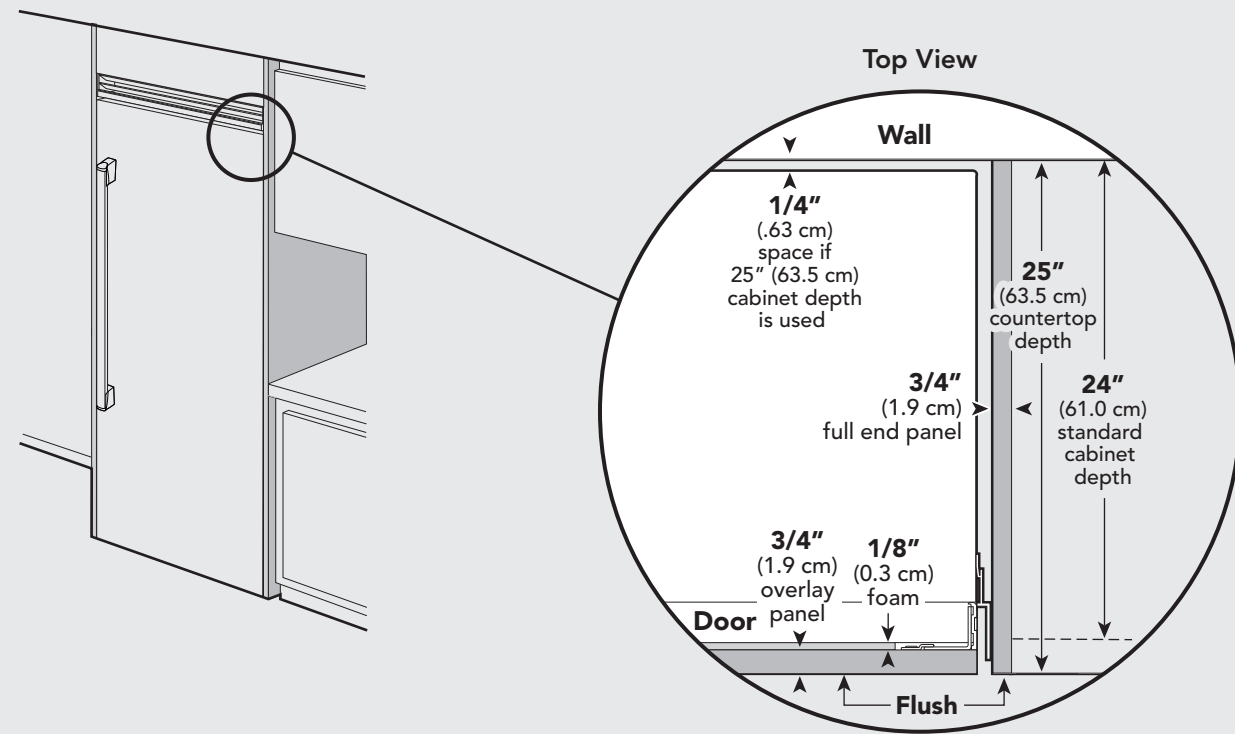
Dual 30" & 36" Custom Grille

Dual 36" Custom Grille



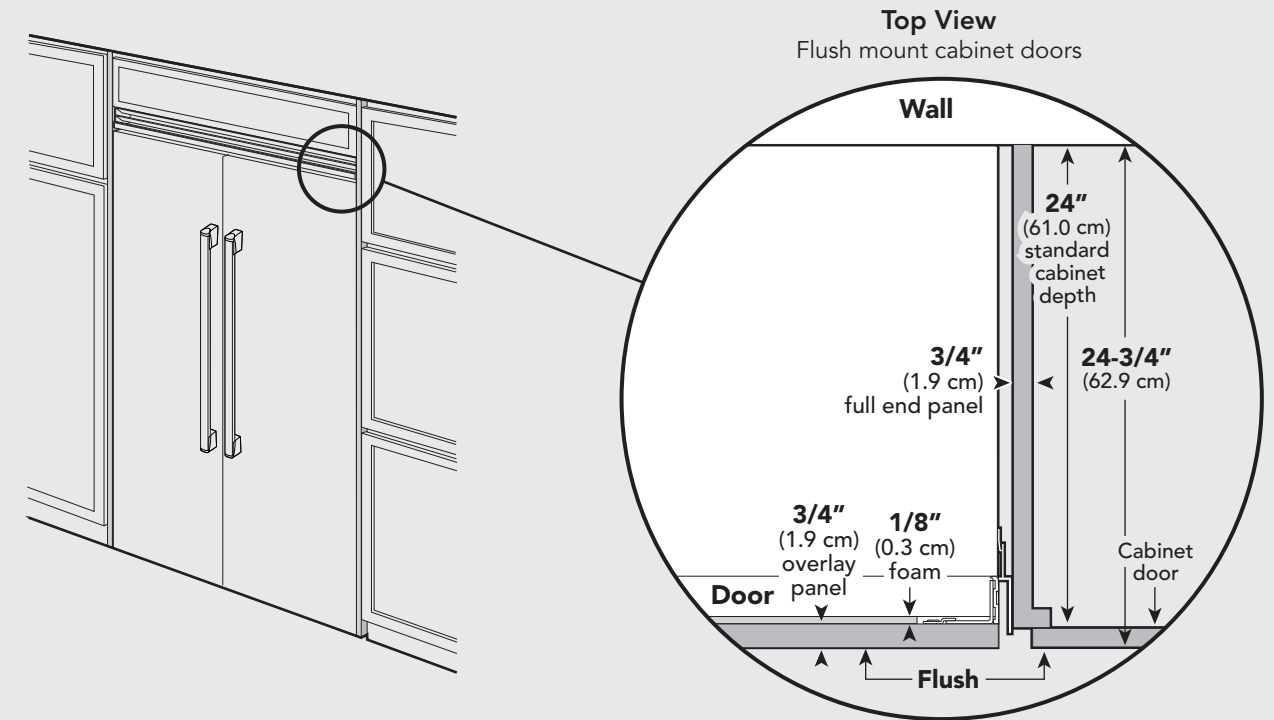
Cabinet Information

Custom panel models, (with 3/4" [1.9 cm], thick panels and custom handles locally supplied), fit flush in 25" (63.5 cm) deep (countertop depth) cabinet openings with no protrusion into room except custom handles

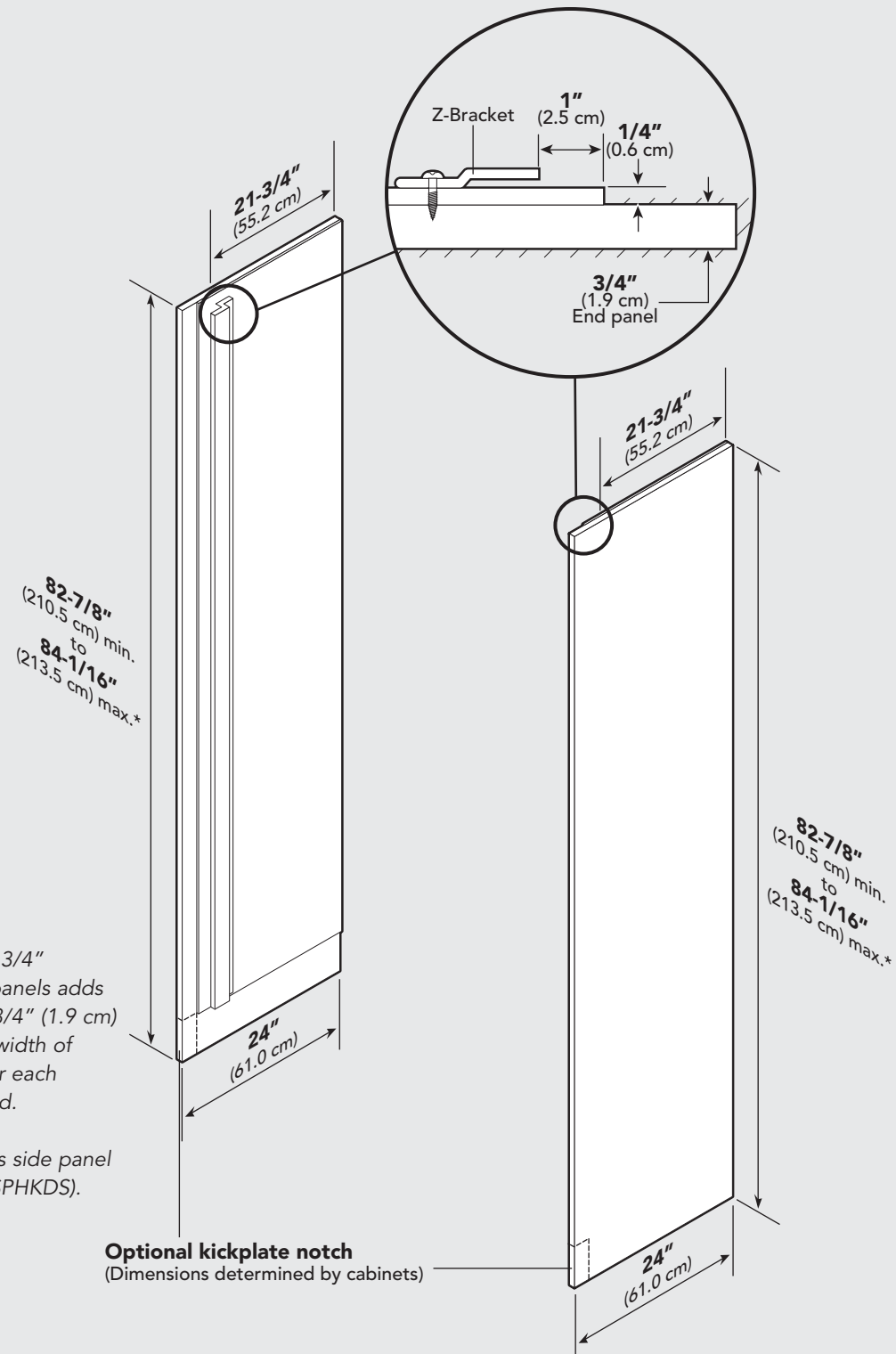


Cabinet Information

Custom panel models can be installed in standard 24" (61.0 cm) deep openings. However, the door faces and top ventilation grille will protrude 3/4" (1.9 cm) into the room. This is ideal for alignment with full overlay cabinet doors.



Custom Side Panel Dimensions



***Note:** Depending on how high leveling feet are raised, and cabinet enclosure height.

Custom Panel General Information

Custom finishing options

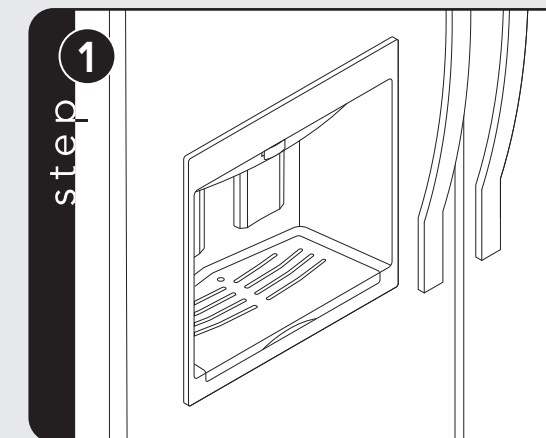
- All installations must allow for the refrigerator and freezer door to open a minimum of 90°.
- For side wall or corner installation, allow for a standard 3" (7.6 cm) cabinet filler to assure door(s) opens 90°.

Note: If a custom handle is used, a wider filler may be necessary.

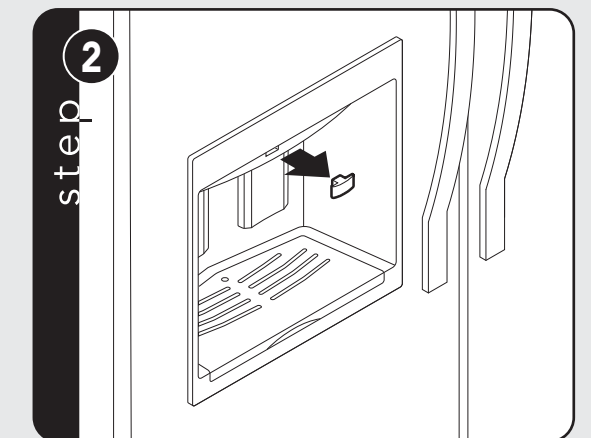
- Panel thickness must not exceed 1" (2.5 cm) on hinge side. Thicker panels will interfere with door swing and clearance.

Ice and Water Dispenser Bezel Removal (if required)

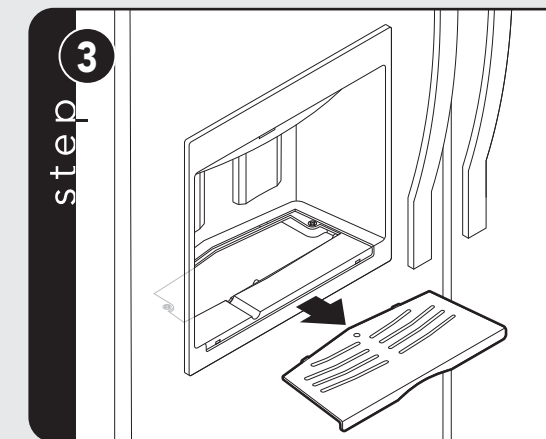
Note: Designer model shown.



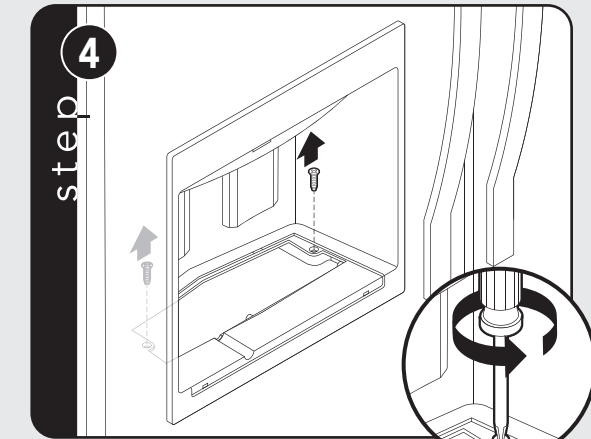
Remove packaging material surrounding bezel.



Grasping the sliding lever, pull away from bezel.



Remove spill tray from lower part of bezel exposing 2 screws.



Remove screws.

General Information

Area Requirements

Verify the following:

- Unit can fit into residence and can be moved around corners and through doorways.
- Floors can support unit's weight plus food weight (approximately 1200 pounds [540 kg] per unit).
- Rear wall is solid and is able to support two horizontally mounted 2 x 4s (included) bolted to two wall studs. The 2 x 4 board bolt heads must be flush with 2 x 4 to prevent obstruction.
- Remove anything attached to rear or side walls that can obstruct unit installation.
- Cutout dimensions are accurate.
- Electrical outlet is in correct location.
- Water line is in correct location.
- **DO NOT** install a refrigeration unit near a heat source, nor in a location where the surrounding temperature will fall below 60° F (16° C).

Electrical Requirements

It is the customer's responsibility to:

- Contact a qualified electrical installer.
- Assure that the electrical installation is adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or Canadian Electrical Code C22.1-1998 and C22.2 No. 0-M91 (or latest edition), and all local

codes and ordinances. A 115 volt, 60-Hz, 15 amp, fused, electrical supply is required. It is required that a separate circuit serving only this appliance be provided. This appliance is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong, grounding-type wall receptacle. **DO NOT use an extension cord.**

If codes permit a separate grounding wire to be used, it is recommended that a qualified electrician determine that the grounding path is adequate.

DO NOT ground to a gas line. Check with a qualified electrician if you are not sure if the appliance is properly grounded. **DO NOT** have a fuse in the neutral or grounding circuit.

Anti-Tip Requirements

The anti-tip boards should be fastened into position prior to moving the unit into the opening.

Note: *Additional mounting boards may be required if the unit does not touch the back wall of the enclosure. To prevent unit from tipping forward, it must be secured in place with a solid soffit or wood block.*

General Information

Water Supply Requirements

⚠ WARNING

To avoid serious illness or death, **DO NOT** use unit where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.

Use only 1/4" (6 mm) copper tubing for water line. DO NOT install copper tubing in area where temperatures drop below 35° F (1.7° C). Before attaching copper tubing to the unit, flush at least 2 quarts (1.9 L) of water through the copper tubing and into a bucket to remove any particles in the water line.

- **Viking Range Corporation is not responsible for property damage due to improper installation or water connection.**
- Connect 1/4" (6 mm) flexible copper tubing to household plumbing in compliance with local codes and ordinances.
- Length of copper tubing must reach from water supply connection to the unit connection with an additional length to facilitate moving the unit out of enclosure for cleaning or service. Tubing should be soft instead of rigid and ends should be free of burrs.

- Copper tubing route must be above 35° F (1.7° C) to prevent water line from freezing.
- **DO NOT use plastic water lines from the household plumbing to the water inlet valve connection on the refrigeration unit.**
- **DO NOT** use the self-piercing feature of a saddle valve. The hole made by the piercing lance is too small for the water flow rate required by the ice maker.
- If saddle valve is not used, place a separate shut-off valve in an easily accessible location between water supply and the unit. **DO NOT** install shut-off valve behind the unit.
- The installation of Viking units with a reverse osmosis system is acceptable **as long as the water pressure remains within the allowable PSI as stated below.** It is important to note that with many reverse osmosis systems, the pressure starts off high, but then it decreases as the water level of the reverse osmosis storage area drops. This must be considered when checking the water pressure coming into the unit.
- Connect a vertical or horizontal 1/2" (1.2 cm) to 1-1/4" (3.2 cm) COLD water line near water area.
- Run water line through the floor, back, or side wall. Tubing should lay flat on floor underneath the unit. Clamp tubing to wall or floor.
- Water pressure must be greater than 20 psi and less than 120 psi on non-dispensers and greater than 35 psi and less than 120 psi on dispensers.

CUSTOM PANEL-REFRIGERATION

Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer

—FDRB5301/5361, FDFB5301/5361



Dimensions & Specifications

CUSTOM PANEL DIMENSIONS



FDRB5301



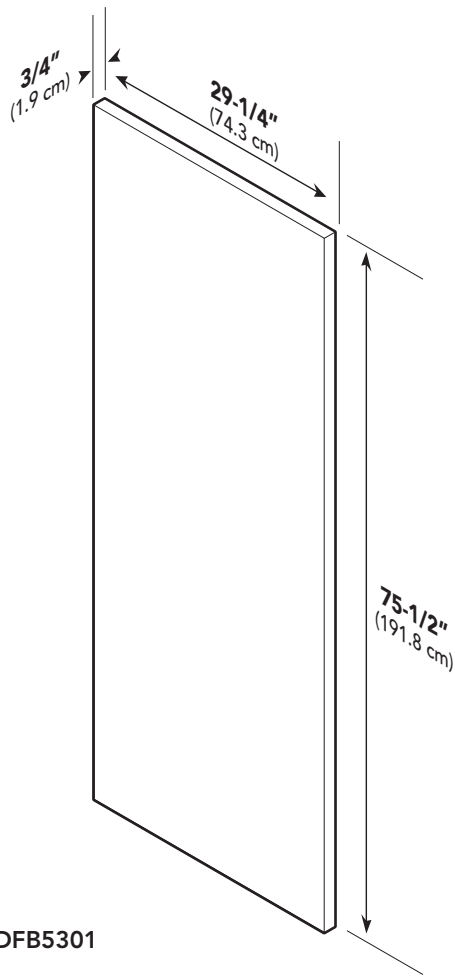
FDRB5361



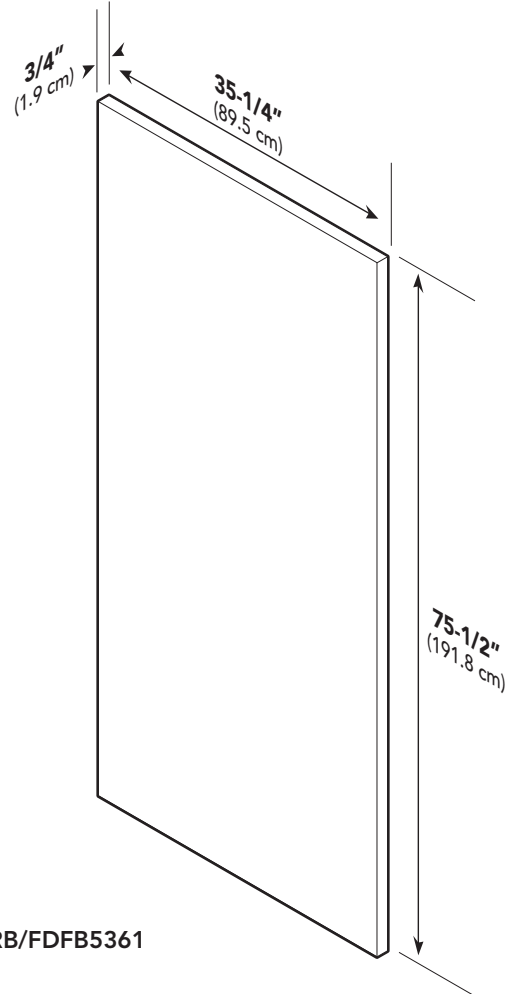
FDFB5301



FDFB5361



FDRB/FDFB5301



FDRB/FDFB5361

Note: Panel overlays must be dry, solid, straight one piece panels. The use of multiple panel pieces to achieve the dimensions is not recommended.

	FDRB5301	FDRB5361	FDFB5301	FDFB5361
Overall panel width	29-1/4" (74.3 cm)	35-1/4" (89.5 cm)	29-1/4" (74.3 cm)	35-1/4" (89.5 cm)
Overall panel height	75-1/2" (191.8 cm)			
Overall panel depth	3/4" (1.9 cm)*			
Maximum panel weight	50 lbs. (22.7 kg)	60 lbs. (27.2 kg)	50 lbs. (22.7 kg)	60 lbs. (27.2 kg)

*Panel thickness must not exceed 1" (2.5 cm) on hinge side. Thicker panels will interfere with door swing and clearance.



CUSTOM PANEL-REFRIGERATION

Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer

—FDRB5301/5361, FDFB5301/5361



Dimensions & Specifications

CUSTOM SIDE PANEL DIMENSIONS



FDRB5301



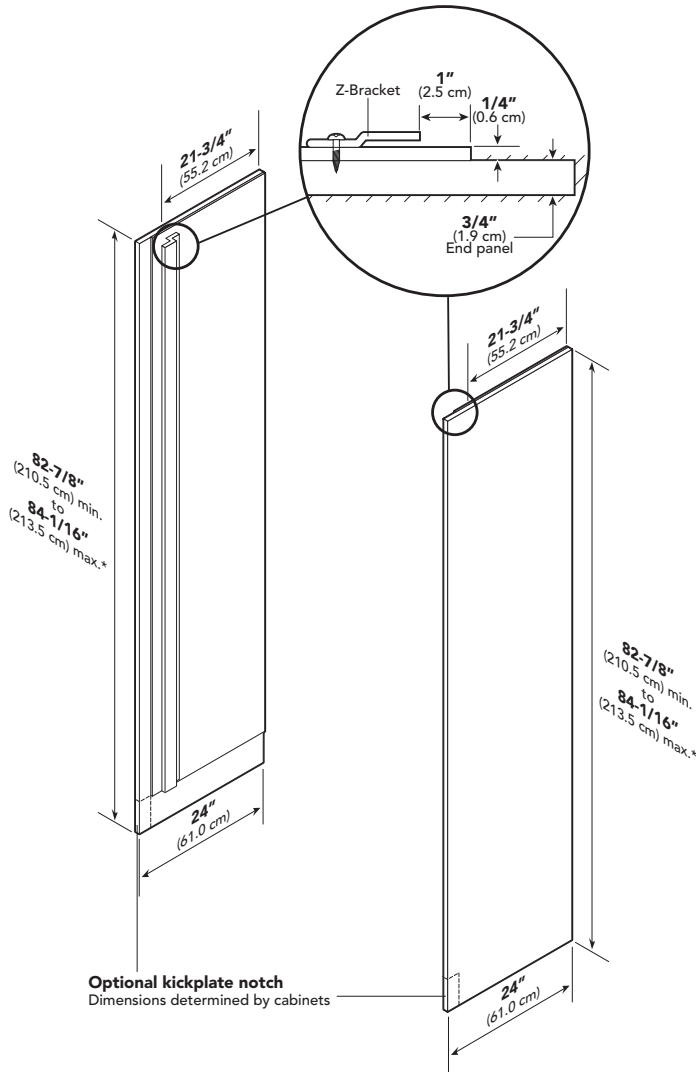
FDRB5361



FDFB5301



FDFB5361



Note: Adding a 3/4" (1.9 cm) side panel adds an additional 3/4" (1.9 cm) to the overall width of the product for each side panel. Requires side panel hardware kit (Kit model number – SPHKDS)

FDRB5301/FDRB5361/FDFB5301/FDRB5361

Overall panel width	3/4" (1.9 cm)
Overall panel height	82-7/8" (210.5 cm) min. to 84-1/16" (213.5 cm) max.*
Overall panel depth	24" (61.0 cm)

*Depending on how high leveling feet are raised and cabinet enclosure height.

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"W. All Refrigerator/All Freezer—FDRB5301, FDFB5301

Dimensions & Specifications

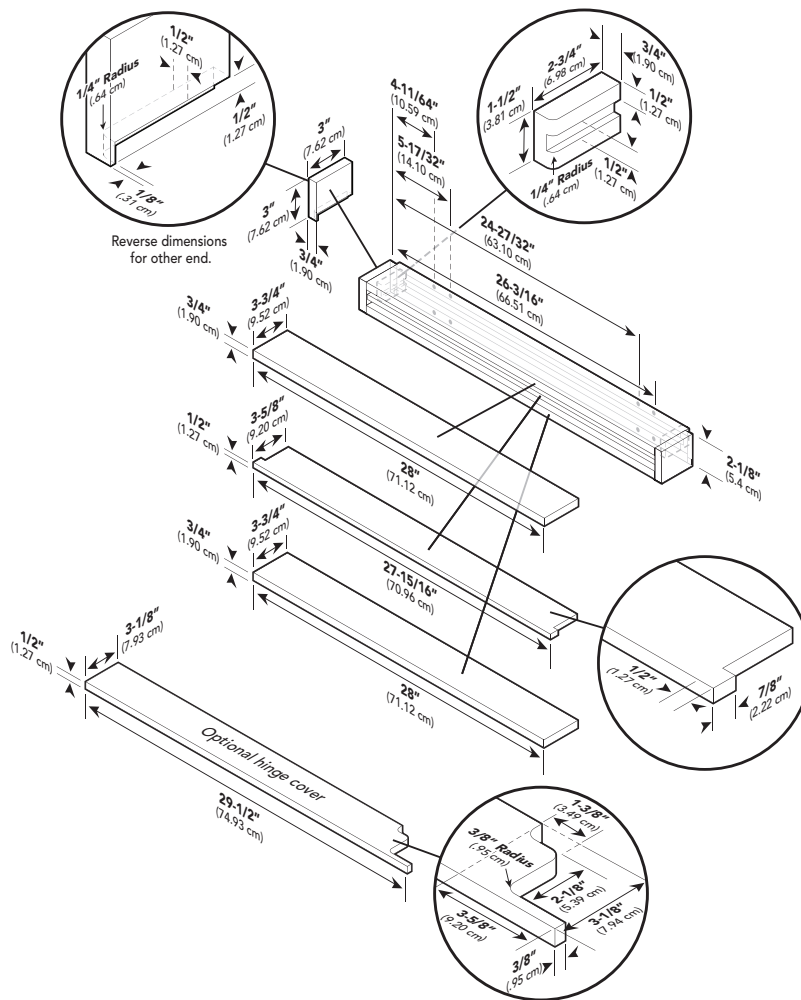
CUSTOM GRILLE DIMENSIONS



FDRB5301



FDFB5301



FDRB/FDFB5301	
Overall grille width	29-1/2" (74.9 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)



CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"W. All Refrigerator/All Freezer—FDRB5301, FDFB5301

Dimensions & Specifications

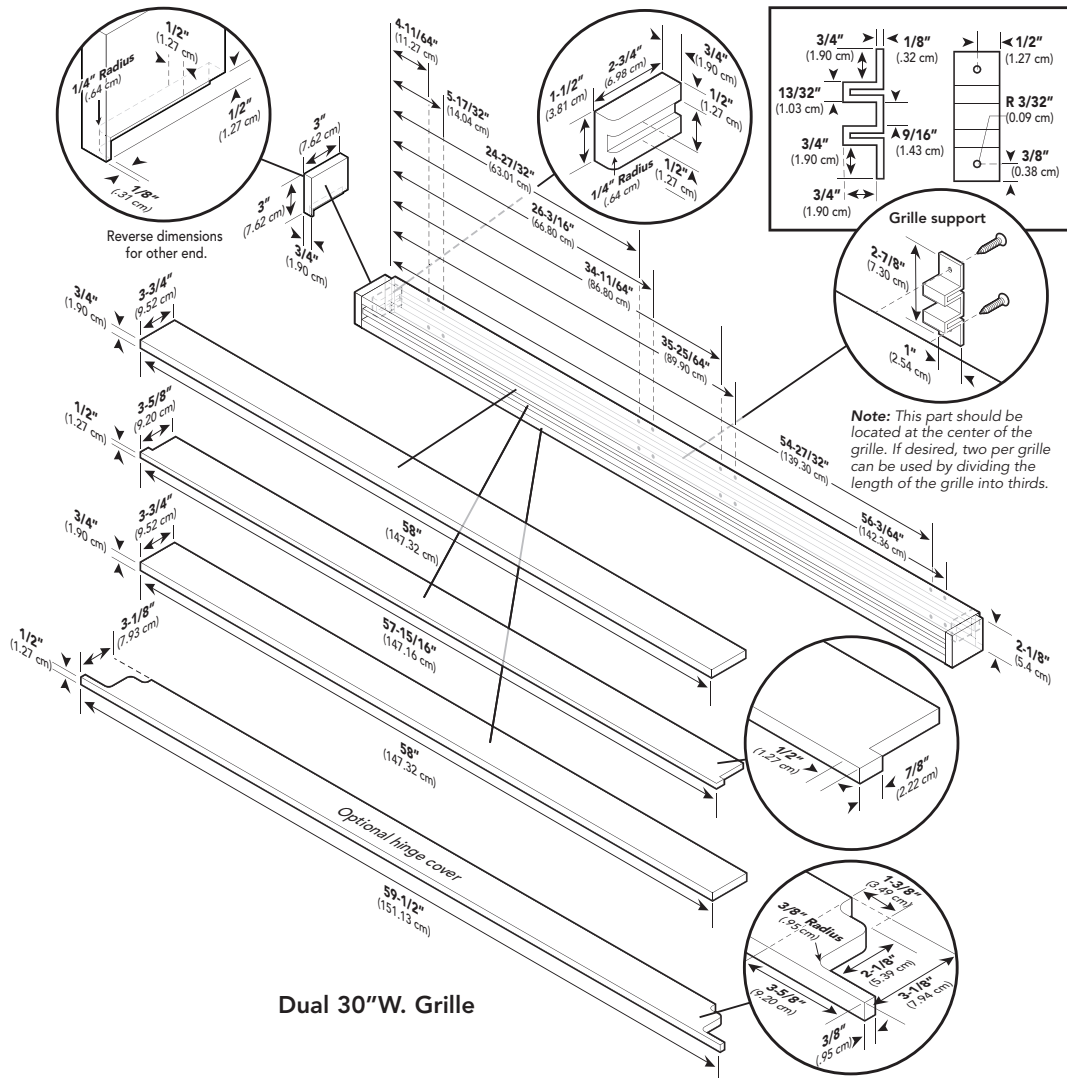
CUSTOM GRILLE DIMENSIONS – DUAL 30"W. ALL REFRIGERATOR/ALL FREEZER INSTALLATION



FDRB5301



FDFB5301



Note: Dual units can only be made in a left and right hand configuration. To use a custom 60"W. grille, you must purchase the center trim kit FCKSS.

FDRB5301/FDFB5301	
Overall grille width	59-1/2" (151.1 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 36"W. All Refrigerator/All Freezer—FDRB5361, FDFB5361

Dimensions & Specifications

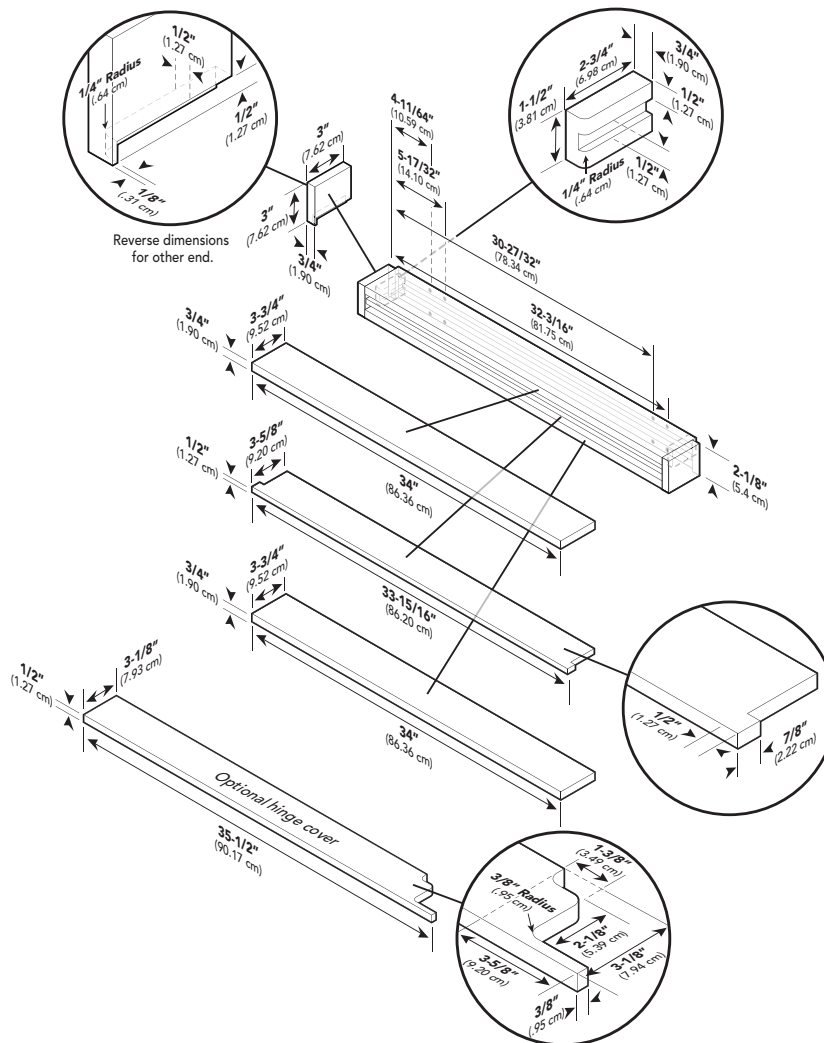
CUSTOM GRILLE DIMENSIONS



FDRB5361



FDFB5361



FDRB/FDFB5361	
Overall grille width	35-1/2" (90.1 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)



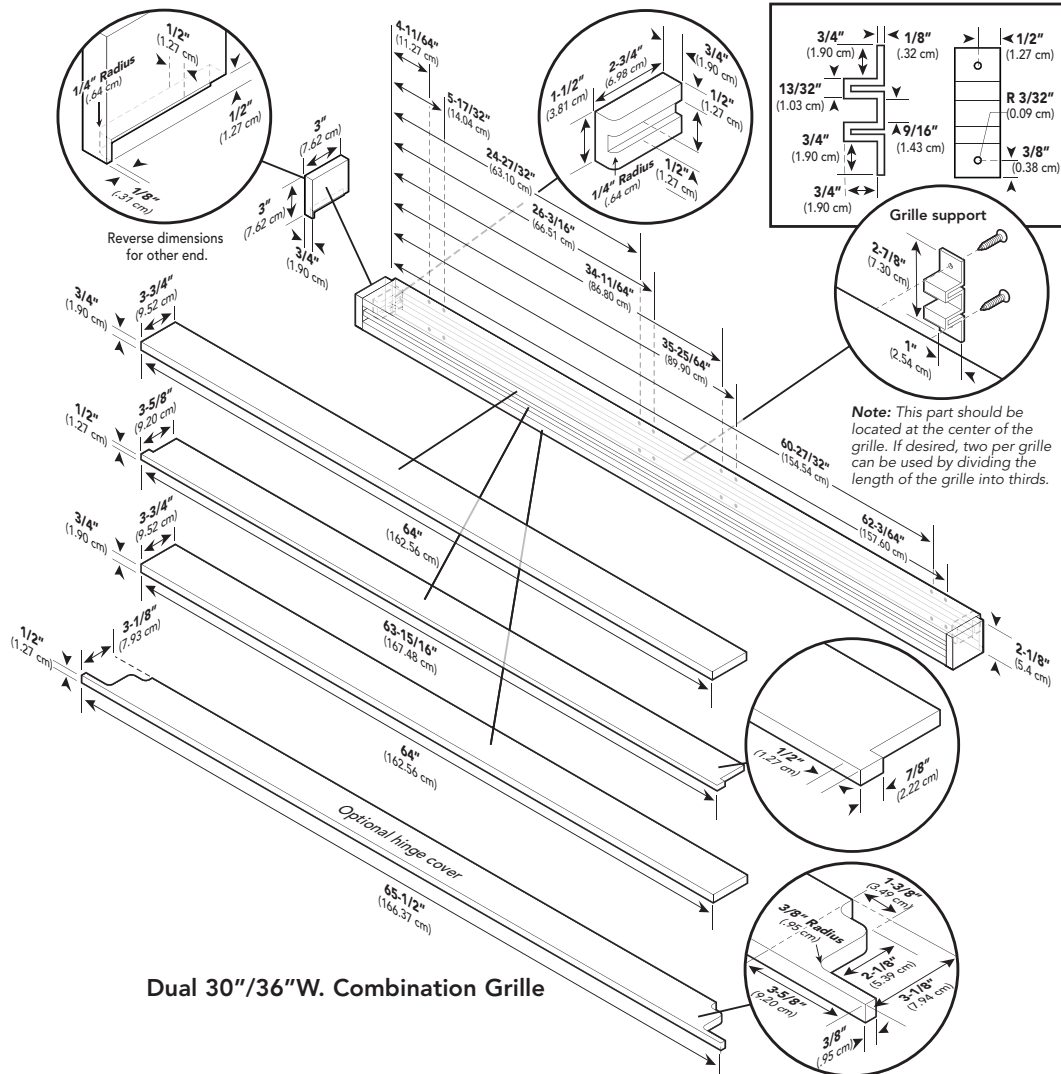
CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 30"/36"W. All Refrigerator/All Freezer —FDRB5301/5361, FDFB5301/5361—(1) 30" Unit & (1) 36" Unit

Dimensions & Specifications

CUSTOM GRILLE DIMENSIONS – DUAL ALL REFRIGERATOR/ALL FREEZER INSTALLATION



Dual 30"/36"W. Combination Grille

Note: Dual units can only be made in a left and right hand configuration. To use a custom 66"W. grille, you must purchase the center trim kit FCTKSS.

	FDRB5301	FDRB5361	FDFB5301	FDFB5361
Overall grille width			65-1/2" (166.4 cm)	
Overall grille height			3" (7.6 cm)	
Overall grille depth			3-3/4" (9.5 cm)	

CUSTOM PANEL-REFRIGERATION



Quiet Cool™ Built-In 36"W. All Refrigerator/All Freezer—FDRB5361, FDFB5361

Dimensions & Specifications

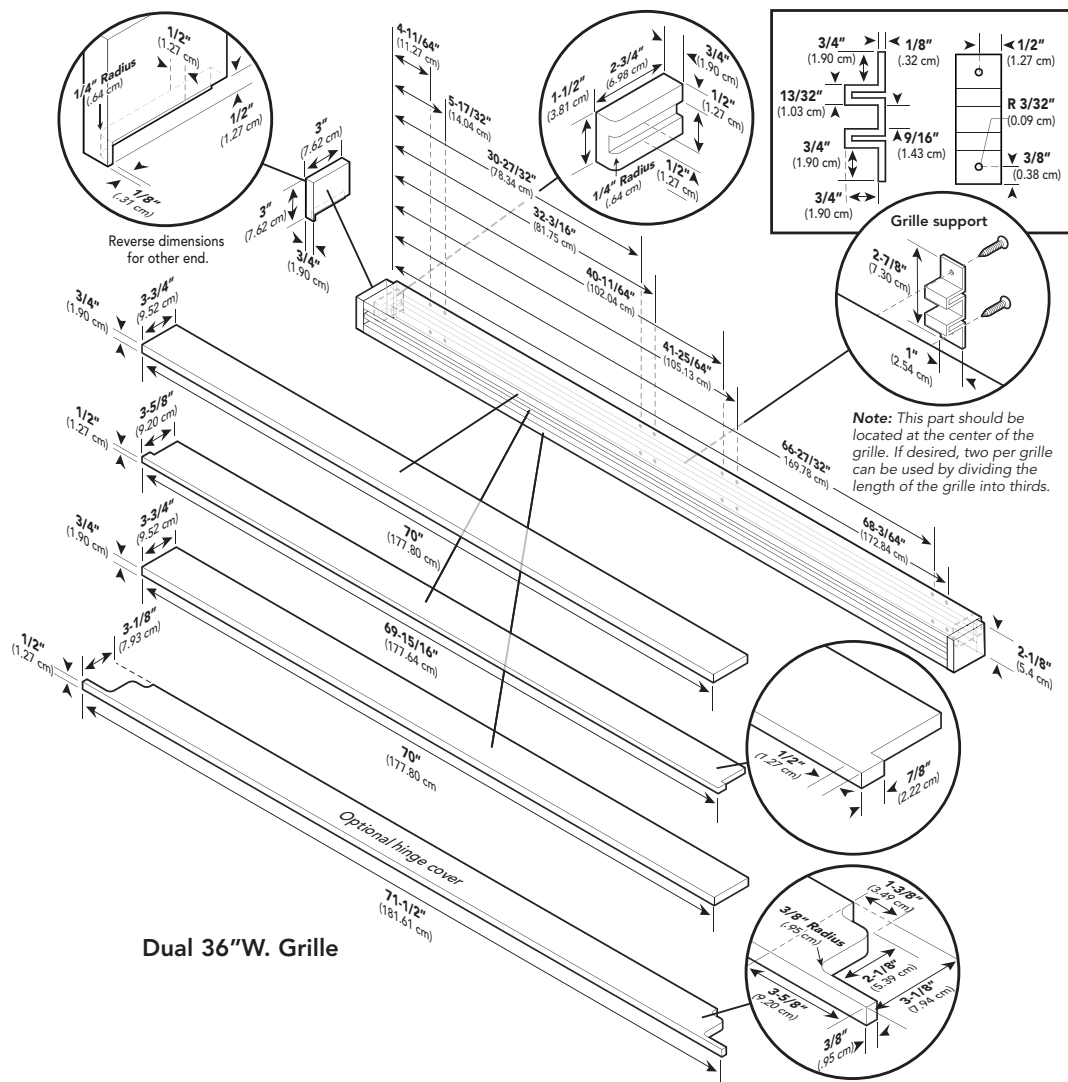
CUSTOM GRILLE DIMENSIONS – DUAL 36"W. ALL REFRIGERATOR/ALL FREEZER INSTALLATION



FDRB5361



FDFB5361



Dual 36"W. Grille

Note: Dual units can only be made in a left and right hand configuration. To use a custom 72"W. grille, you must purchase the center trim kit FCKSS.

FDRB5361/FDFB5361	
Overall grille width	71-1/2" (181.6 cm)
Overall grille height	3" (7.6 cm)
Overall grille depth	3-3/4" (9.5 cm)

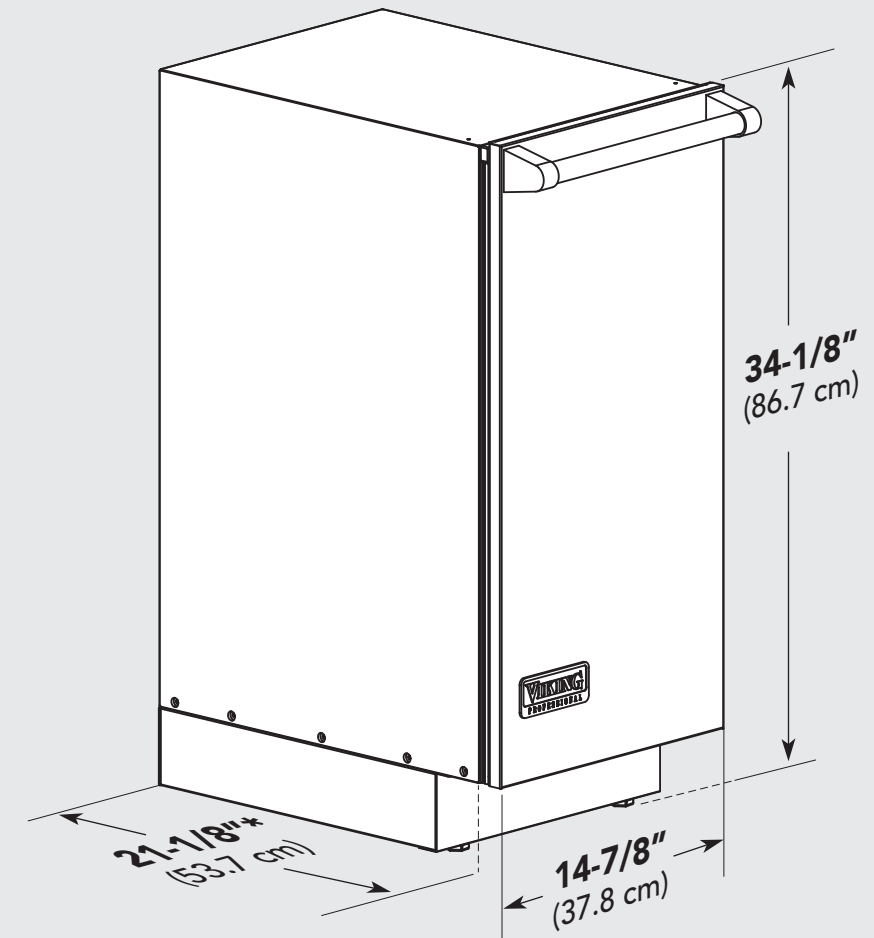
IMPORTANT—Please Read and Follow!

READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING COMPACTOR.

Basic precautions should always be taken when using an electrical appliance – including the following:

- Close supervision is necessary when any appliance is operated near children. **DO NOT** allow the appliance to be used as a toy, or to run unattended at any time. Turn key to “OFF” and remove it to lock the compactor. Store the key out of reach to prevent children or others from operating or tampering with the compactor.
- **DO NOT** push trash into compactor drawer with hands or feet. Trash might contain broken glass, sharp pieces of metal, etc., which would cause injury.
- **DO NOT** compact volatile material. Paint, oily rags, lighter fluid cans, and paint thinner cans could combust spontaneously and cause an explosion and/or fire.
- **DO NOT** compact aerosol cans or any other containers still holding toxic chemicals, insecticides, or combustible contents. Fumes may be released which are hazardous to health.
- **DO NOT** compact lighted cigarettes, cigars, or other hot or burning items.
- **DO NOT** overload the compactor.
- Be careful when removing and carrying bag. Broken glass or other sharp objects may pierce bag. **DO NOT** overload trash bag with heavy material such as glass.
- **DO NOT** operate this unit with an extension cord.
- Use only Viking approved accessories.
- **DO NOT** touch moving parts.
- **DO NOT** take this appliance apart. Incorrect reassembly can cause electrical shock when operated.
- **DO NOT** operate with a damaged power cord, plug, motor, or after damage of any kind. Have the compactor examined, and all repairs made, by an authorized serviceman.
- This compactor is FOR HOUSEHOLD USE **ONLY**. Use it only as described in this manual.
- Unplug the appliance from outlet before servicing.

Dimensions



***NOTE:** Not including handle.

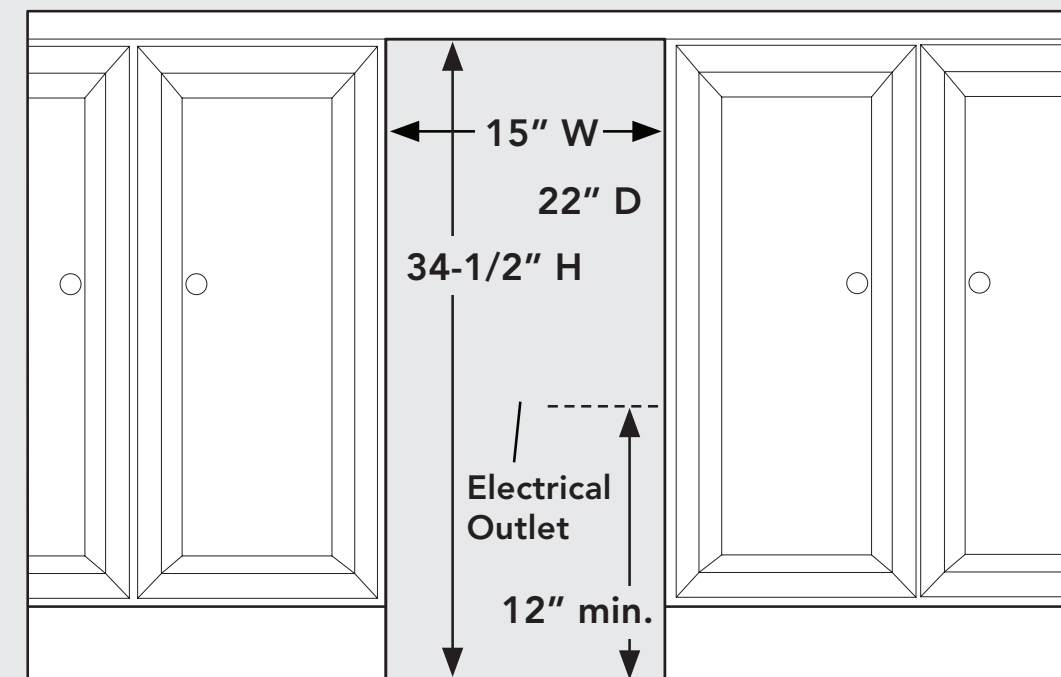
Specifications

Trash Compactor	
Description	FCU150
Overall width	14-7/8" (37.8 cm)
Overall height from floor	34 1/8" min. to 35 1/8" max.
Overall depth from rear	21-1/8" (53.7 cm) Does not include accessory door panel
Cutout width	15" (38.1 cm)
Cutout height	34-1/2" (87.6 cm) min.
Cutout depth	22" (55.9 cm)
Electrical requirements	5.0 amps, 120VAC/60 Hz; 6' (1.82 m) electrical cord 3 prong plug supplied with unit
Approximate shipping weight	165lbs. (75kg)

Cutout Dimensions

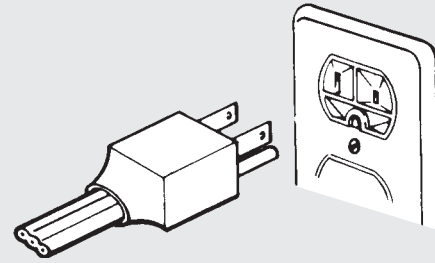
The compactor requires a minimum under-counter cutout opening 15" wide, 34½" high, and 22" deep.

Plan to provide an electrical outlet in the opening that meets all applicable electrical codes and requirements. See "Electrical Requirements" section on Page 8 for specific information.



Electrical Requirements

GROUNDING INSTRUCTIONS



Important: TO REDUCE THE RISK OF ELECTRIC SHOCK - Please read carefully.

FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED. The power cord on this appliance is equipped with a three-prong (grounding) plug which mates with a standard three-prong (grounded) receptacle as illustrated above.

If there is a two-prong outlet located where you will install the compactor, it is your responsibility to have it replaced with a properly grounded three-prong wall receptacle. No adapter shall be used with this product.

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD PLUG.

The GREEN (or GREEN & YELLOW) conductor in the cord is the grounding wire. Never connect the GREEN (or GREEN & YELLOW) wire to a live terminal.

A 120 volt, 60 Hz., A.C., 15 amp fused and grounded electrical supply is required (time-delay fuse or circuit breaker is recommended). It is recommended that a SEPARATE CIRCUIT serving only this appliance be provided.

DO NOT USE AN EXTENSION CORD WITH THIS APPLIANCE.

General Information

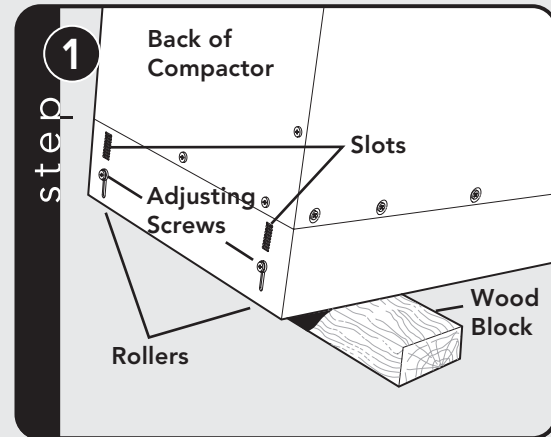
UNPACKING THE COMPACTOR

The trash compactor is shipped from the factory with packing material in the trash bucket and the ram in the down position. The ram will return to the up position once the cord is plugged into an electrical outlet. Open the trash bucket and remove the packing material.

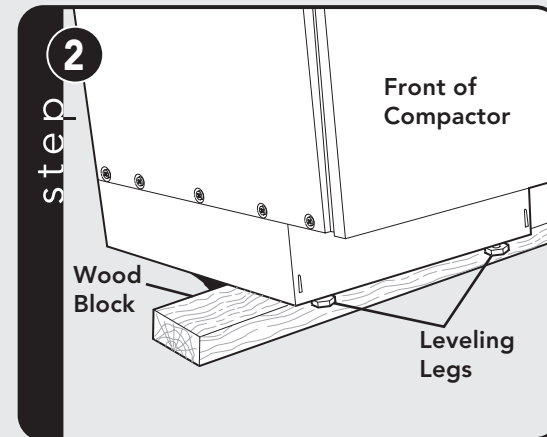
The compactor is only configured for built-in installations.

Your compactor has four adjustable levelers; (2) rollers in the rear and (2) legs in the front. They allow you to adjust for uneven floors and also trim the unit up to fit an under-counter installation.

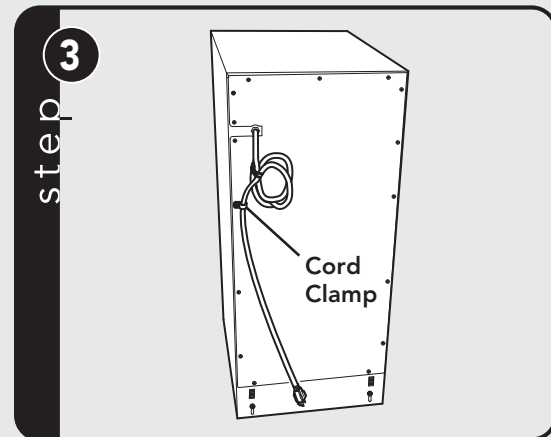
Installation



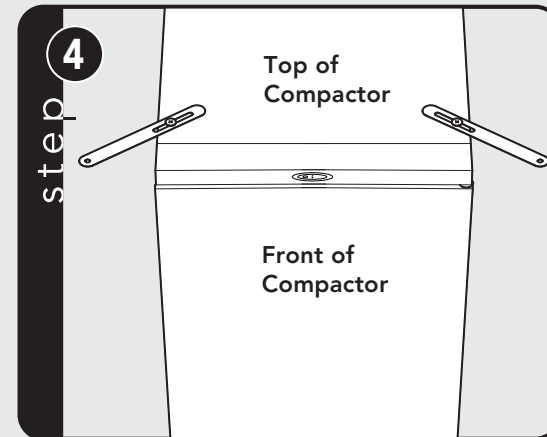
Tip the back of compactor up and onto a wood block. Loosen the adjusting screws only far enough to move the rollers to a higher or lower slot. Retighten the adjusting screws and remove the wood block.



Tip the front of compactor up and onto a wood block. Turn the leveling legs in or out to the desired position. Remove the wood block.



Use the cord clamp to prevent excess power cord from being pinched beneath the cabinet during installation or service.



Fasten the slotted end of the straps to the compactor using the holes in the top of the compactor cabinet as shown.

NOTE: When installing compactor under granite or solid-surface countertops, bend the mounting straps so they can be secured to the adjacent cabinetry.

Panel Installation and Dimensions

ACCESSORY DOOR PANEL (PTDP15)

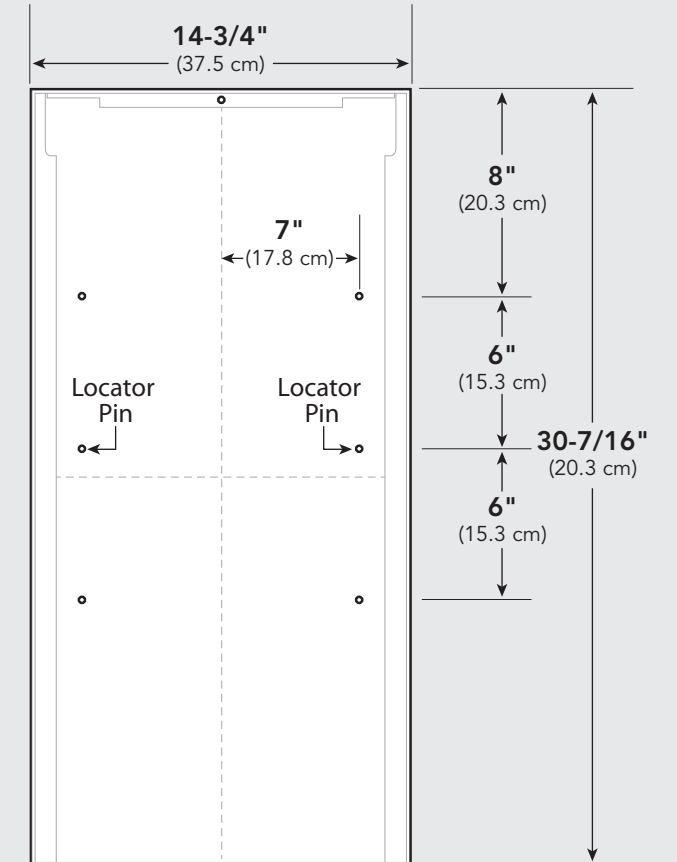
The following installation parts are supplied with PTDP15 door panels:

- Accessory door panel with foam insert (finish designates color)
- Foam insert
- 5 – #8 sheet metal screws

Accessory Door Panel Installation (PTDP15)

The PTDP15 panel will be held on by five screws (supplied in door panel packaging) and two screws with locator pins pre-attached (supplied on panels).

1. Remove all plastic covering on the stainless steel panel.
2. Place the panel onto the outside of the door, aligning it with the pre-drilled holes on the trash compactor door facing.
3. Insert the panel into the door by inserting the pre-attached locator pins into the middle screw hole (second hole from top on left and right-hand sides).
4. Install the five screws provided with packaging into their designated locations (two on left, two on right, and one at the top).



Panel Installation and Dimensions

ACCESSORY DOOR PANEL (PTDP18)

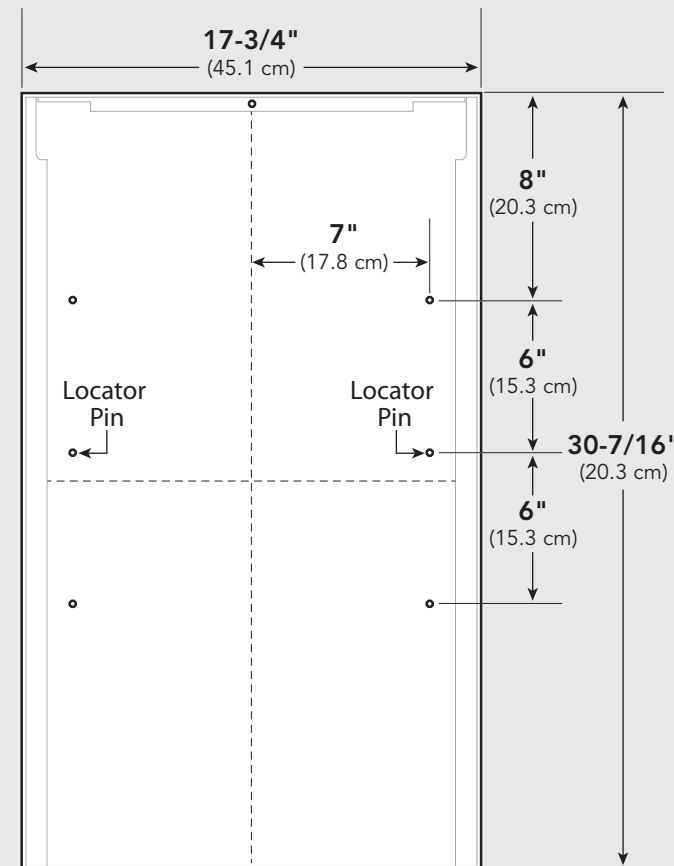
The following installation parts are supplied with PTDP18 door panels:

- Accessory door panel with foam insert (finish designates color)
- 2 – Accessory side trim pieces
- 13 – #8 Sheet metal screws

Accessory Door Panel Installation (PTDP18)

The PTDP18 panel will be held on by five screws (supplied in door panel packaging) and two screws with locator pins pre-attached (supplied on panels).

1. Remove all plastic covering on the stainless steel panel.
2. Place the panel onto the outside of the door, aligning it with the pre-drilled holes on the trash compactor door facing.
3. Insert the panel into the door by inserting the pre-attached locator pins into the middle screw hole (second hole from top on left and right-hand sides).
4. Install the five screws provided with packaging into their designated locations (two on left, two on right, and one at the top).
5. Before installing the trash compactor into its cutout, the side trim pieces must be attached to the unit on each side. Please refer to the template included in your packaging and insert four screws in the designated locations on the left and right sides of the unit. You will be drilling directly into the unit to attach the trim pieces.



Panel Installation and Dimensions

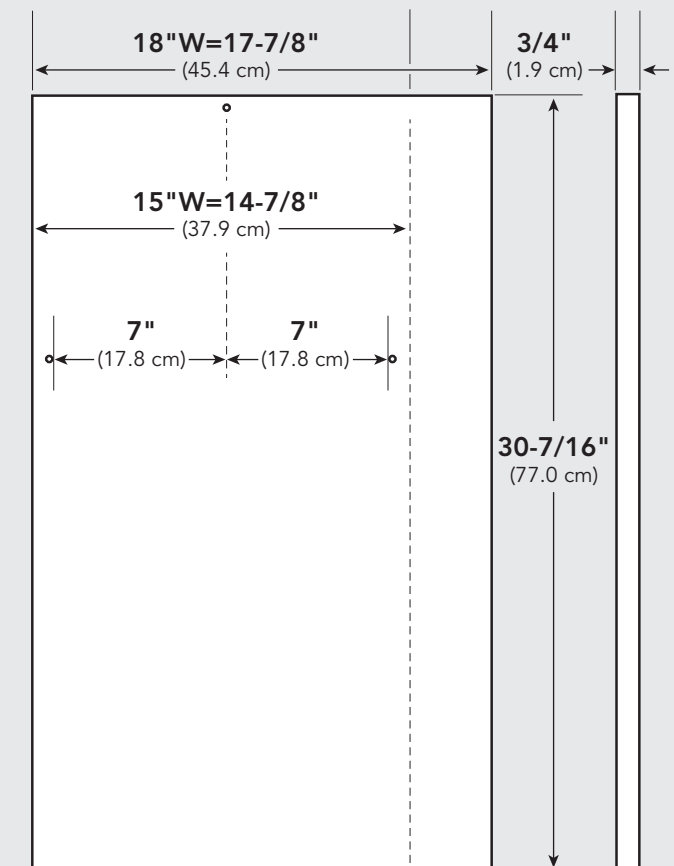
CUSTOM DOOR PANEL

A custom panel of wood or other material not exceeding 15 lbs. can be attached to the door.

To create and attach a custom panel:

- Panel width: 15"W. = 14-7/8" (37.9 cm); 18"W. = 17-7/8" (45.4 cm)
- Panel height: 30-5/16" (77.0 cm)
- Panel thickness: 3/4" (1.9 cm)

1. Purchase an accessory handle kit to match your cabinet hardware and install per handle instructions. Or you may purchase a Viking handle kit: For a 15"W. panel use Viking PHK14SS and for an 18"W. panel use PHK17SS. Drill pilot holes for wood screws. Use drill stop to prevent drilling through the panel.
3. Mount panel to door by using wood screws or supplied panel mounting screws.
4. Make sure the door opens and closes smoothly with the actuator entering and exiting the door interlock switch on the compactor.



SPECS / DIMENSIONS



T24IW50NSP 24" CUSTOM PANEL FREEDOM WINE PRESERVATION COLUMN

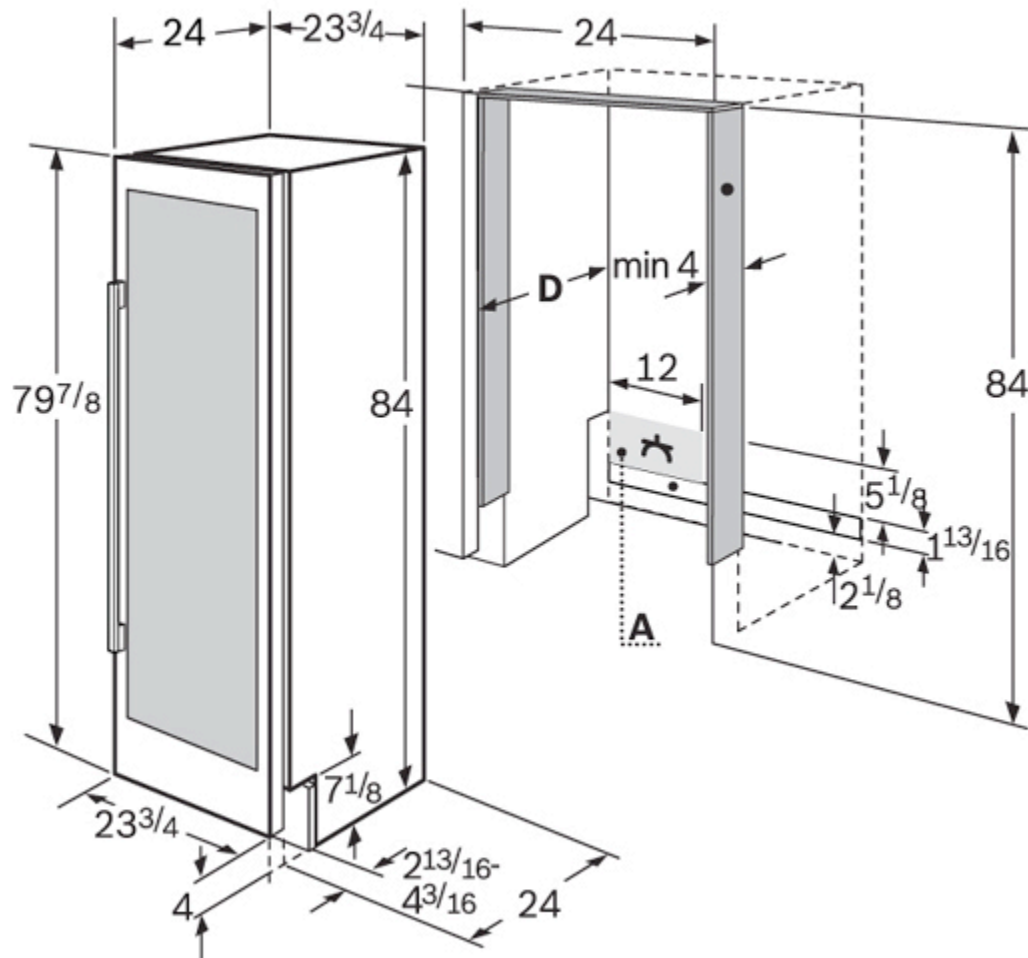
PRINT

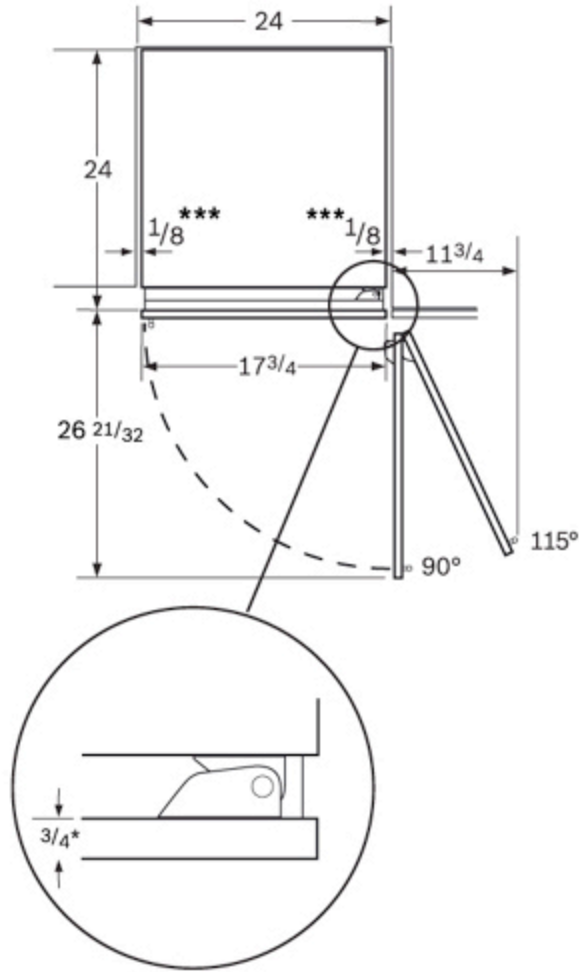
GENERAL INFORMATION

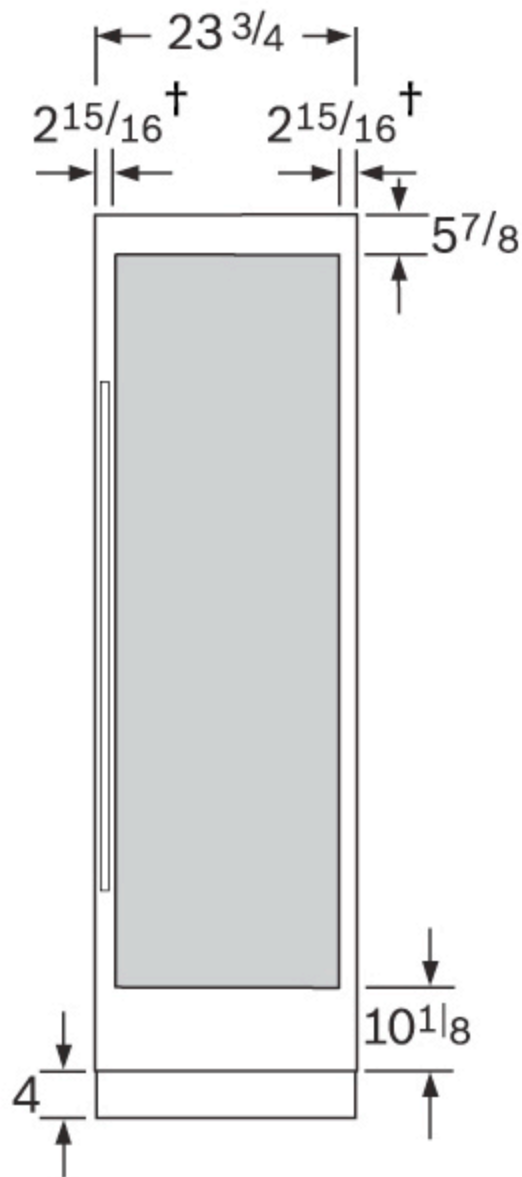
Configuration

Column

Diagrams







1) variable between $2 \frac{1}{2}$ and $3 \frac{1}{4}$

Click Here to View Features

A: Area for installation of power connection. D: Niche depth depending on kitchen design. For a flush installation, the depth needs to be at least 24 inches plus the thickness of the door panel. *Depends on the thickness of the furniture door. $\frac{3}{4}$ is relevant for the stainless steel door (special accessory). **Panel dimensions based on standard $\frac{1}{8}$ inch reveal and 4 inch toe kick. Custom panel dimensions may vary depending on kitchen reveals and toe kick. ***Required space for finger guard. †The width of the two lateral flanges of the frame-like door panel for wine coolers can vary between $2 \frac{1}{2}$ and $3 \frac{1}{4}$. However, $2 \frac{5}{16}$ is recommended.

NOTES: All height, width and depth dimensions are shown in inches. Please refer to the installation instructions prior to

installation.

All refrigerators are UL and CUL approved.

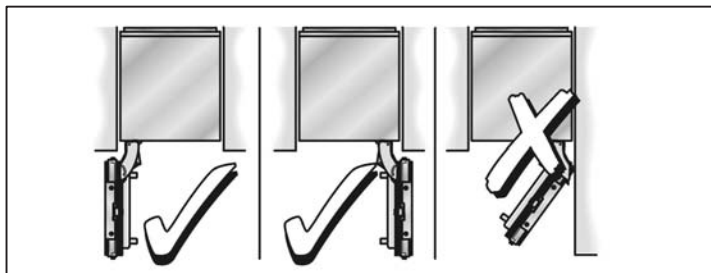


Installation options

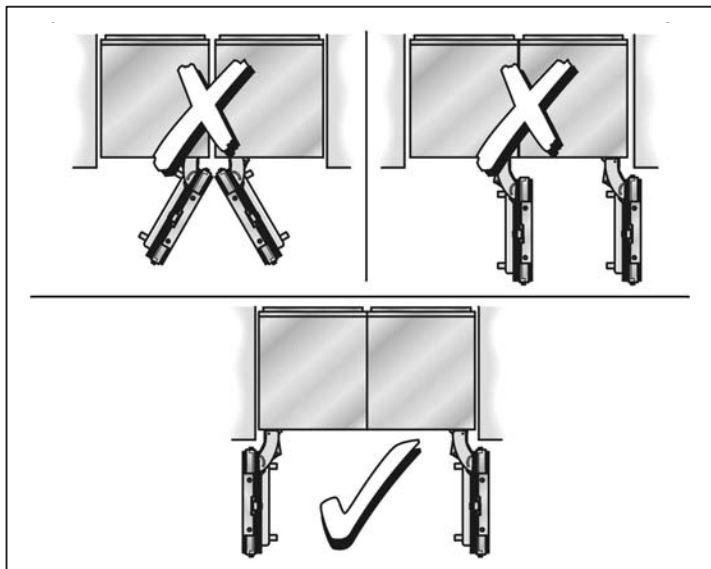
There are many different installation options.

These are limited only by the design of the kitchen and the function of the finger guard.

Individual unit



Side-by-Side

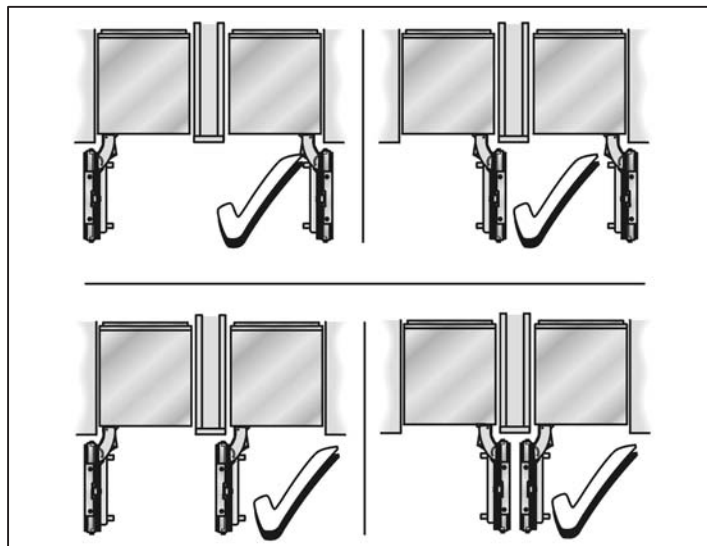


* Partition required!

i When 2 appliances are installed Side-by-Side, the **Basic Combination Side-by-Side Sealing kit** must be used to ensure a stable connection.

See the section on “Optional accessories” on page 17.

Individual appliances with partition



i Note

- When dimensioning the partition for model 4, note the thickness of the furniture fronts to prevent damage if the doors are opened at the same time.
- Use the **Extreme Combination Side-by-Side Heating kit** if the gap between the appliances is less than 6” (160 mm).
See the section on “Optional accessories” on page 17.
- Minimum thickness of the partition $\frac{5}{8}$ ” (16 mm).

At the end of the kitchen units

If one side of the appliance is visible, a side panel must be used.

The side panel must be connected firmly to the wall, the floor and overhead furniture/fixtures before the appliance is placed in the cavity.

The dimensions of the side panel are taken from the opposite cavity wall. During installation ensure that the cavity is square and the exact size.

Installation location



WARNING



Do not install the appliance:

- outdoors,
- in an environment with dripping water,
- in rooms which are at risk of frost.

Appliance is very heavy – for empty weight see the following table:

Refrigerator 24"	approx. 310 lbs / 140 kg
Refrigerator 30"	approx. 350 lbs / 158 kg
Freezer 18"	approx. 255 lbs / 115 kg*
Freezer 24"	approx. 300 lbs / 135 kg*
Freezer 30"	approx. 335 lbs / 150 kg*
Wine unit 18"	approx. 300 lbs / 135 kg
Wine unit 24"	approx. 360 lbs / 160 kg

(* without Water Dispenser)

Installation room

The appliance should be installed in a dry, ventilated room.

The ambient temperature should not drop below 55 °F (13 °C) or rise above 110 °F (43 °C), otherwise malfunctions may occur.

The installation location should not be exposed to direct sunlight and not placed near a heat source, such as an oven, radiator, etc. If installation next to a heat source is unavoidable, use a suitable insulating plate or observe the following minimum distances from the heat source:

- 1 1/4" (30 mm) from an electric cooker,
- 12" (300 mm) from an oil or solid-fuel cooker.

Installation cavity

It is important to observe the specified dimensions of the installation cavity for a trouble-free installation of the appliance and for the subsequent general view of the furniture front.

i In particular ensure that the cavity is square.

Squareness can be checked by suitable means, e.g. spirit level, diagonal measurements, etc.



The side walls of the cavity must be flush.

The minimum thickness of side walls and the top wall must be 5/8" (16 mm).

The minimum thickness of toe kick panel must be 1/2" (13 mm).

A thickness of 3/4" (19 mm) is recommended.

Furniture/fixtures

The new appliance is screwed securely to adjacent and overhead furniture/fixtures.

For this reason it is essential that all attachable furniture/fixtures are connected securely to the base or the wall by suitable means.

Base



WARNING



A fully-load appliance is very heavy – for the load-bearing capacity at least see the following table:

Refrigerator 24"	approx. 890 lbs / 400 kg
Refrigerator 30"	approx. 1110 lbs / 500 kg
Freezer 18"	approx. 560 lbs / 250 kg*
Freezer 24"	approx. 780 lbs / 350 kg*
Freezer 30"	approx. 950 lbs / 425 kg*
Wine unit 18"	approx. 550 lbs / 245 kg
Wine unit 24"	approx. 694 lbs / 310 kg

(* without Water Dispenser)

To ensure that the appliance is installed securely and functions properly, the base must be flat and level.

The base must be made of a hard, rigid material.

The installation area must be the same height as the rest of the room.

On account of the heavy weight of a fully loaded appliance, a load-bearing base is required. If in doubt, contact an architect or a building expert.

Connecting the power

⚠ **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.

The appliance comes with a 3-wire power supply cord, UL listed in the USA.

The appliance requires a 3-wire receptacle.

The receptacle must be installed by a licensed electrician only.

The receptacle must be fitted with a 10A fuse or higher. Please observe in this coherence the following table:

Appliance	Maximum load at one time
Refrigerator 24"	2 Ampere
Refrigerator 30"	2 Ampere
Freezer 18" (incl. IceMaker)	3.5 Ampere
Freezer 24" (incl. IceMaker)	4 Ampere
Freezer 30" (incl. IceMaker)	4.5 Ampere

Orient ground prong to the bottom as shown in the pictures.

For the installation position of the receptacle see "Installation dimensions", page 8.

Additional grounding procedure

Some local regulations may require a separate ground. In such cases, the required accessory ground wire, clamp and screw must be purchased separately.

Never ground the appliance to plastic plumbing lines, gas lines or water pipes.

Grounding instruction

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current.

⚠ **WARNING** ⚠

Improper connection of the equipment grounding conductor may result in electric shock. Have the appliance checked by a qualified electrician or service technician if you are in doubt as to whether the appliance has been properly grounded.

Connecting the water

A cold water connection is required for operation of the automatic ice maker. The water pressure must be between 25 and 120 p.s.i. (1.72–8.25 bar). The installation must comply with local plumbing regulations.

A separate shut-off valve must be installed for the appliance water connection.

The shut-off valve for the water connection must not be behind the appliance. It is recommended to place the shut-off valve directly next to the appliance (base unit) or in another easily accessible location.

When installing the water connection, observe the permitted installation areas for the pipe. For the permitted installation areas and dimensions see "Installation dimensions", page 8.

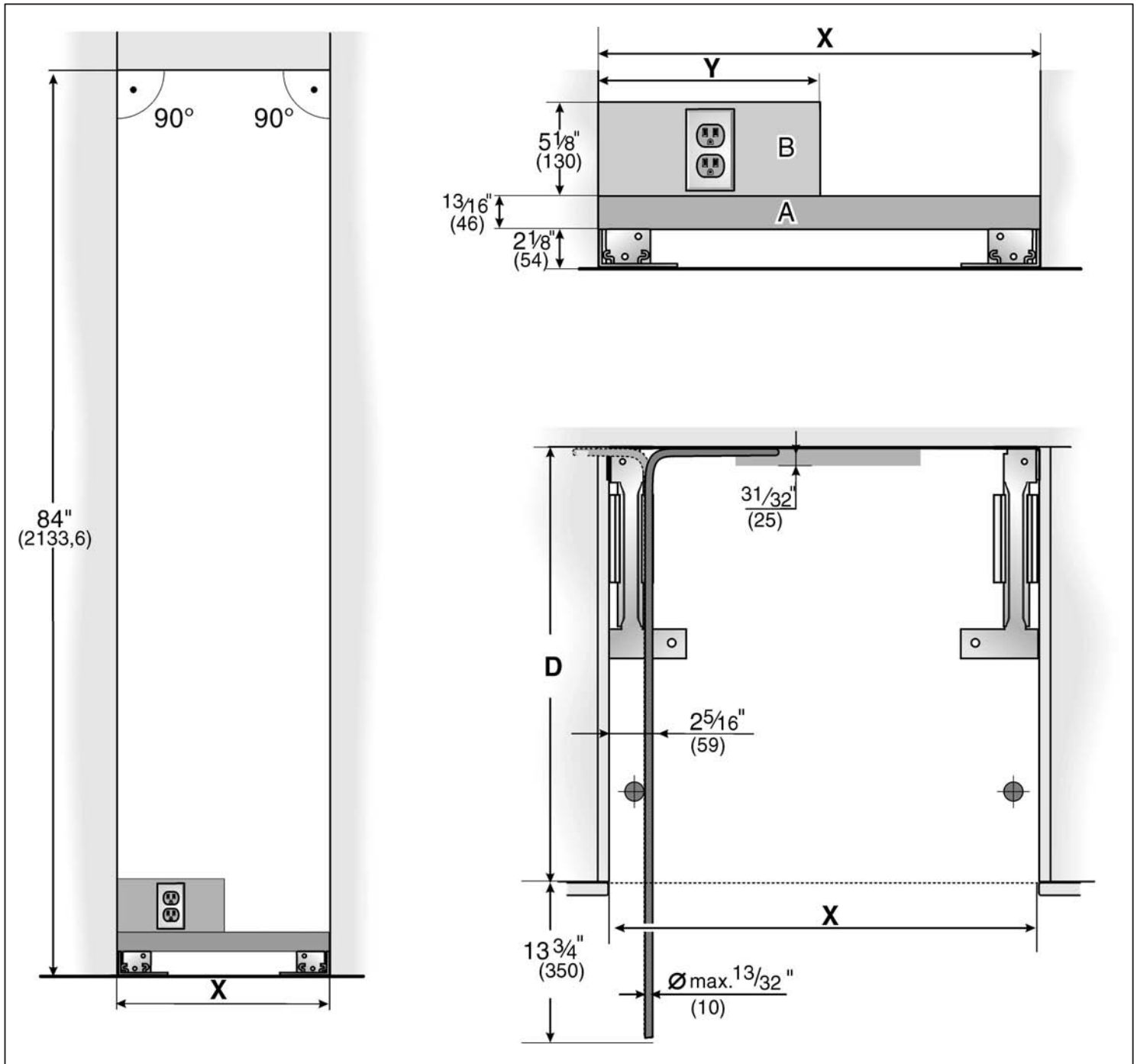
The supply pipe can be located at the side on the right (a), at the side on the left (b) or underneath (c).

Maximum outer diameter of the water pipe (without fittings): $1\frac{3}{32}$ " (10 mm).

Attach a separate shut-off valve for the water connection in a suitable, easily accessible location. Do not use a self-piercing valve!

Installation dimensions

Single installation



Legend:

- A Area for installation of the water connection
- B Area for installation of the power connection
- D Opening depth of niche, depending on kitchen design (see DESIGN GUIDE)
D = 24" (610 mm) minimum

NOTE: Cavity must be square.
Side wall of the cavity must be flush.

	Appliance		
	18"	24"	30"
X	18" (457 mm)	24" (610 mm)	30" (762 mm)
Y	9" (229 mm)	12" (305 mm)	15" (381 mm)

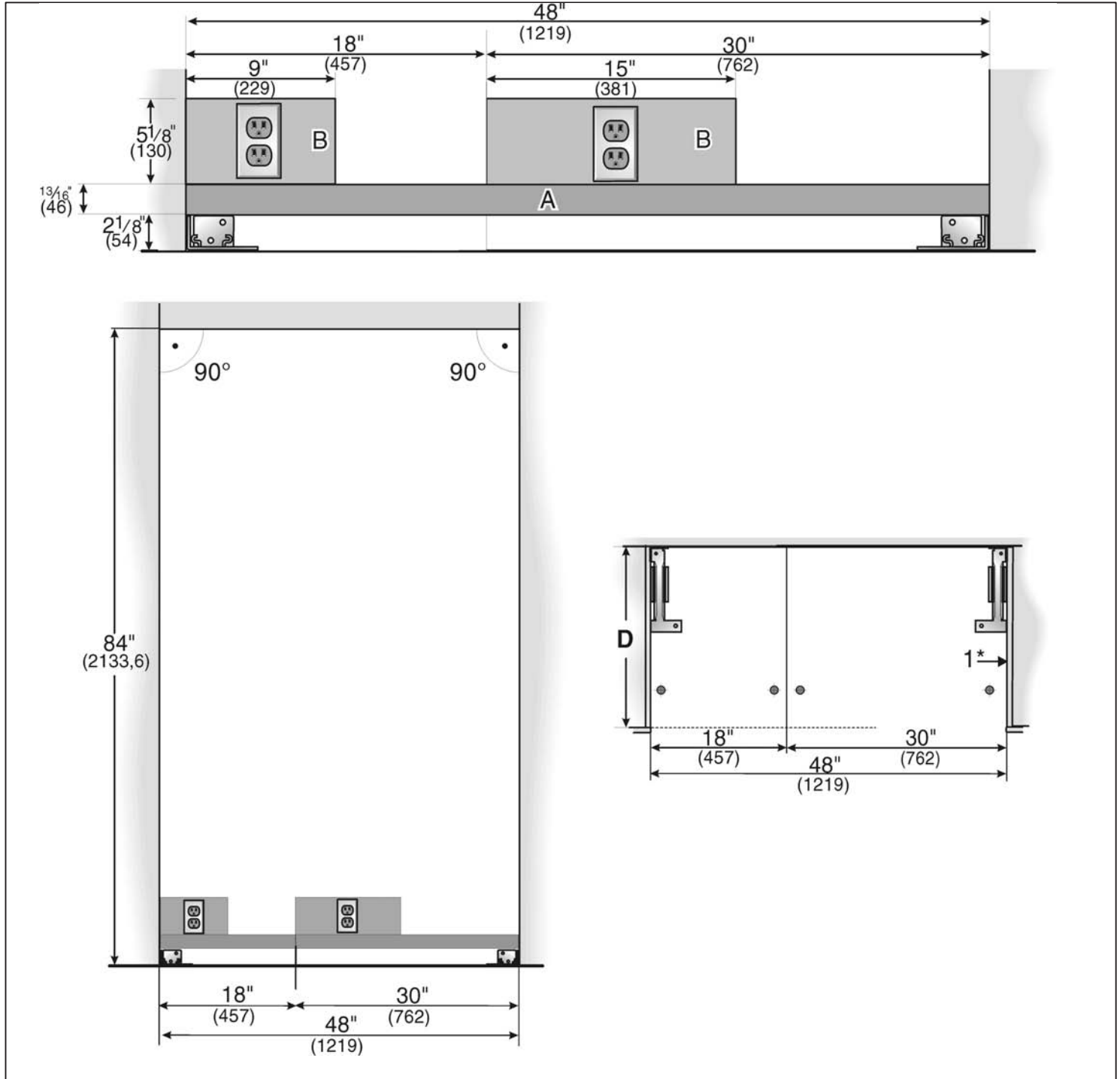
Side-by-Side installation

Example:

Freezer 18" / Refrigerator 30"

The cavity dimensions indicated above for the respective appliance apply to a Side-by-Side installation of two appliances.

The total width of the cavity results from the addition of the cavity widths indicated for the two appliances.



Legend:

- A Area for installation of the water connection
- B Area for installation of the power connection

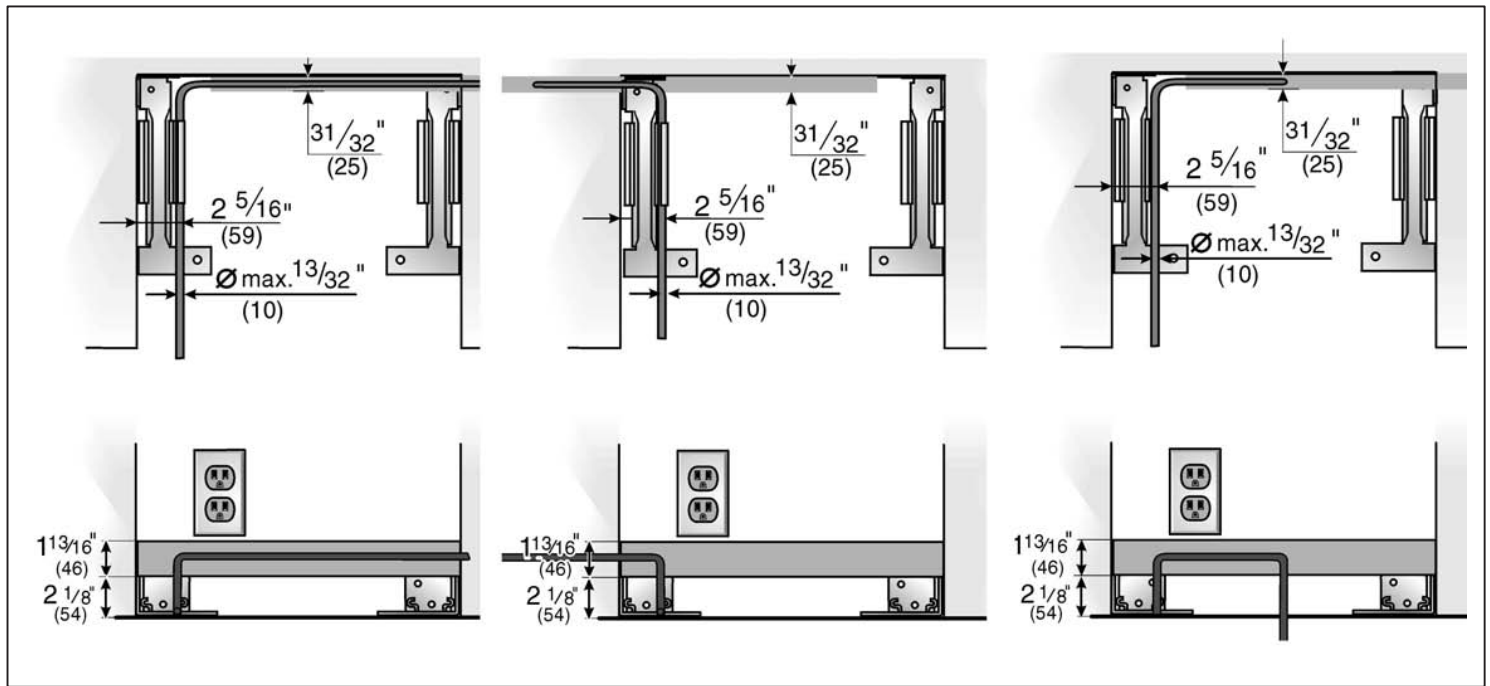
- D Opening depth of niche, depending on kitchen design (see DESIGN GUIDE)
D = 24" (610 mm) minimum

NOTE: Cavity must be square.
Side wall of the cavity must be flush.

Water connection

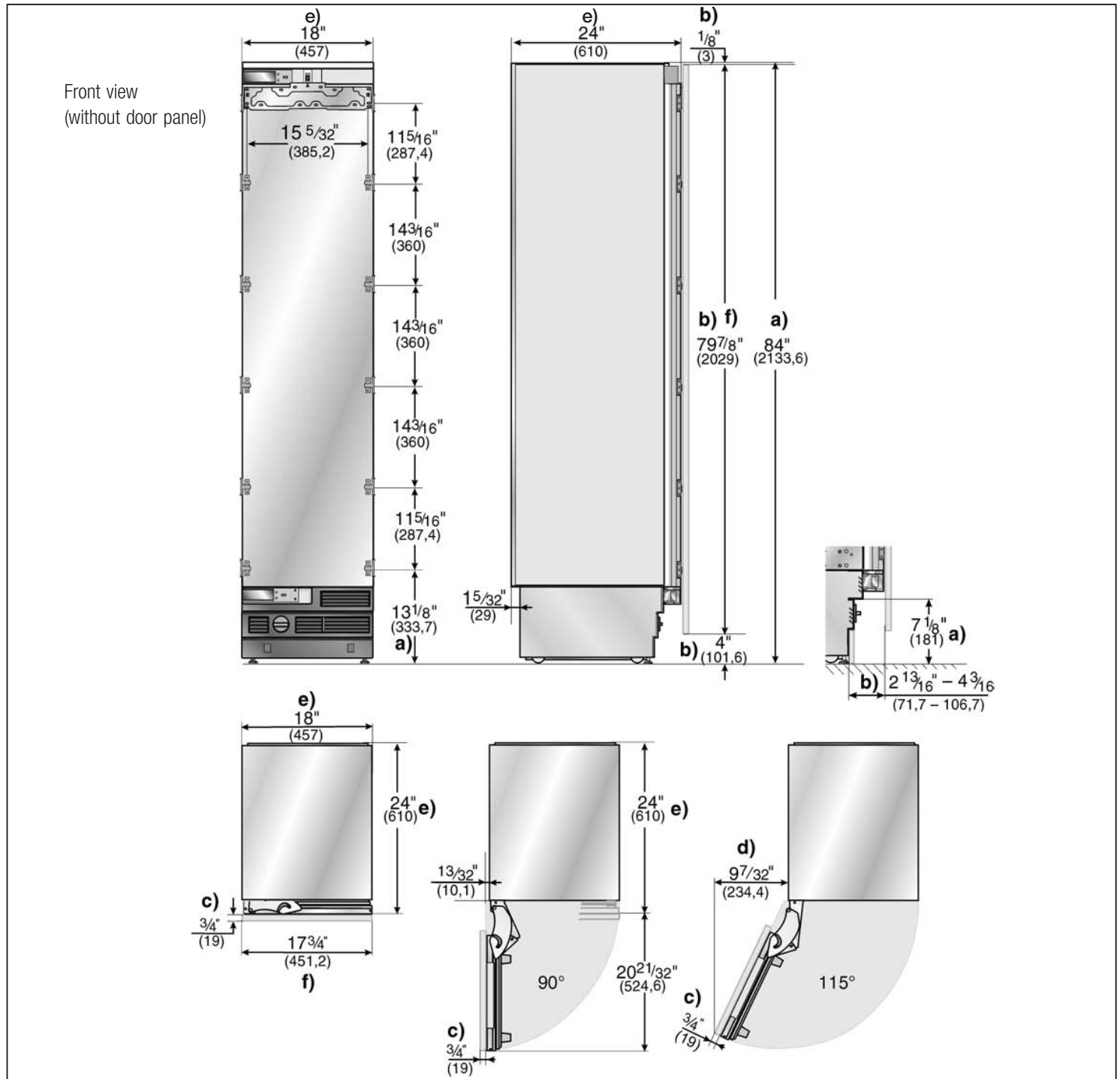
The supply pipe can be located

- a) at the side on the right,
- b) at the side on the left or
- c) underneath.



Appliance dimensions

1. 18" Appliance (Freezer/Freezer with Ice and Water dispenser)



Legend:

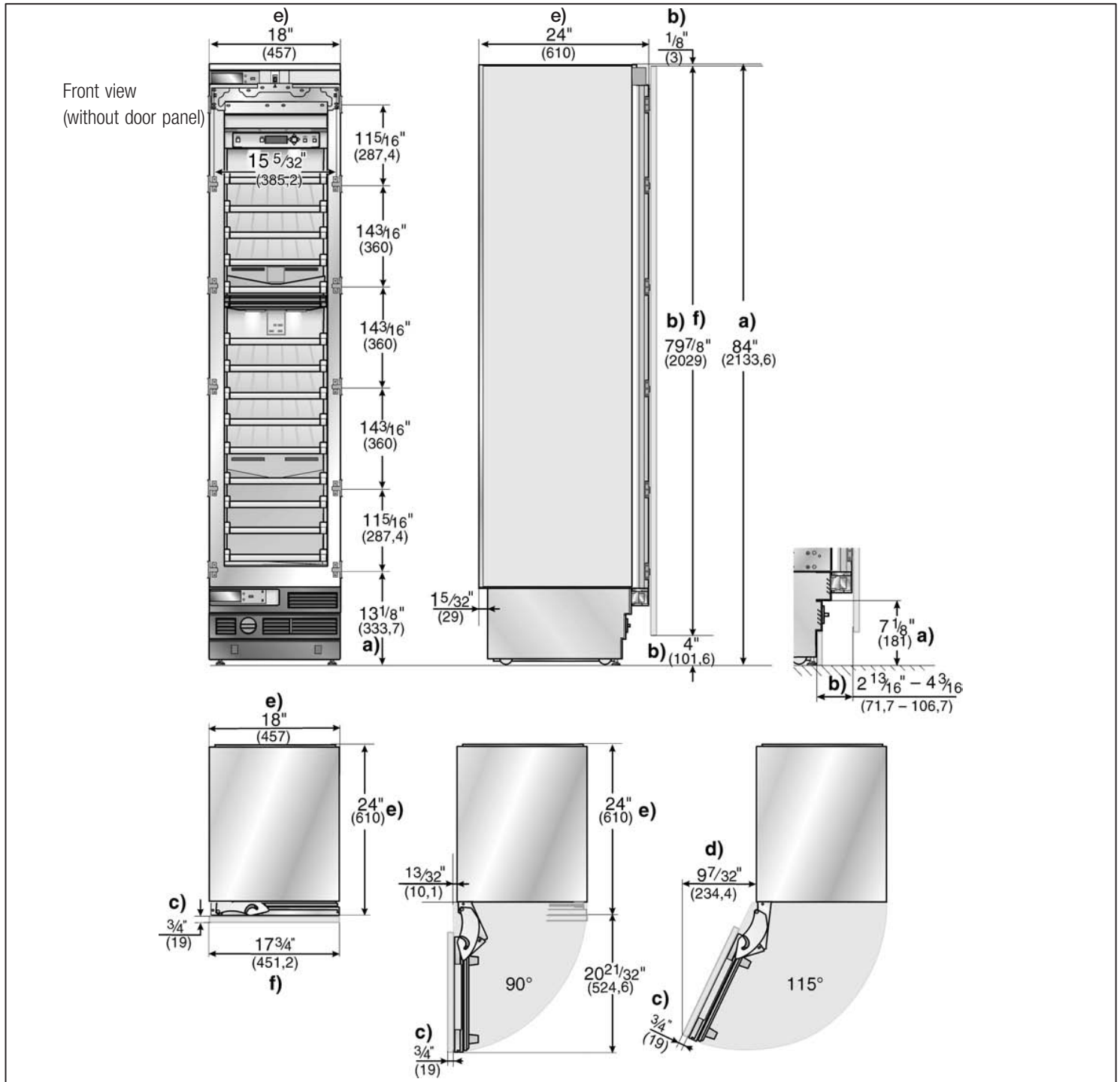
- a) Adjustment in levelling legs $+1\frac{3}{8}''$ (35 mm) / $-1\frac{1}{2}''$ (13 mm).
- b) Dimensions may vary.
- c) Thickness of door panel may vary.
- d) This dimension may vary depending on installation, panel thickness and kitchen hardware.

e) Unit dimensions

Note:

One design of the wooden panel displayed. For further information about the different styles check the DESIGN GUIDE.

2. 18" Appliance (Wine unit)



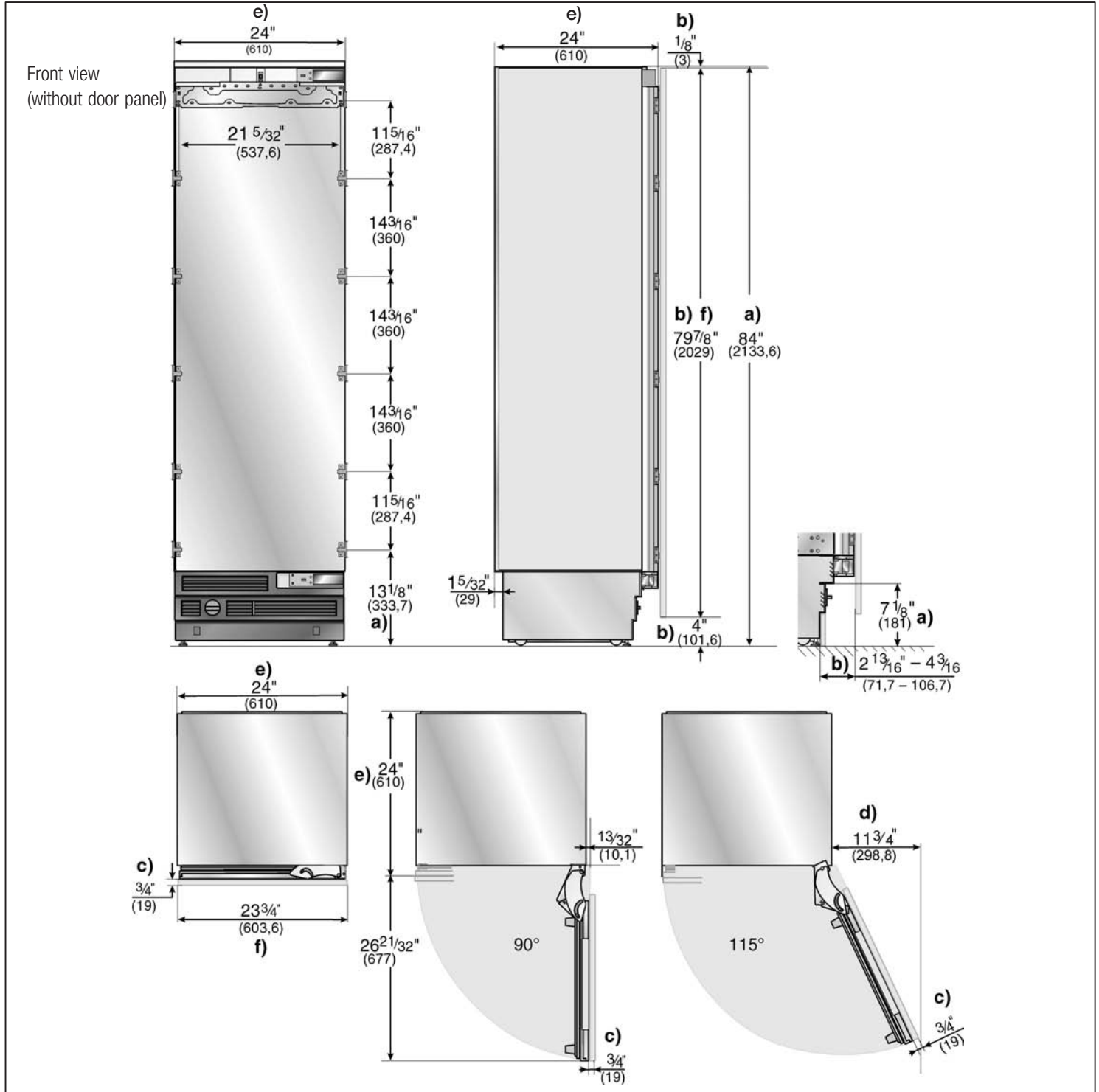
Legend:

- a) Adjustment in levelling legs +1 3/8" (35 mm) / -1/2" (13 mm).
- b) Dimensions may vary.
- c) Thickness of door panel may vary.
- d) This dimension may vary depending on installation, panel thickness and kitchen hardware.
- e) Unit dimensions

Note:

One design of the wooden panel displayed. For further information about the different styles check the DESIGN GUIDE.

3. 24" Appliance (Refrigerator/Freezer/Freezer with Ice and Water dispenser)



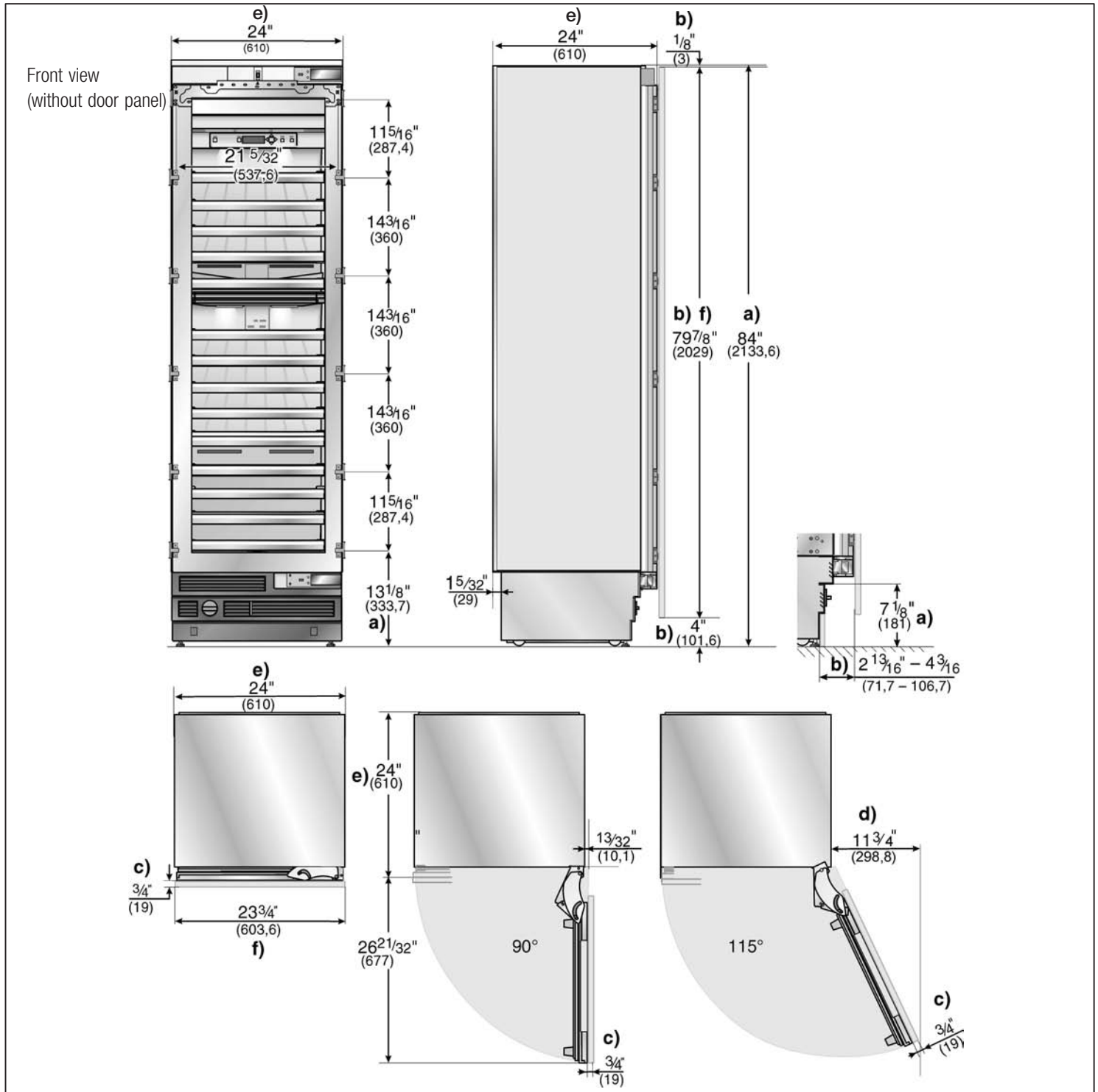
Legend:

- a) Adjustment in levelling legs +1 3/8" (35 mm) / -1/2" (13 mm).
- b) Dimensions may vary.
- c) Thickness of door panel may vary.
- d) This dimension may vary depending on installation, panel thickness and kitchen hardware.
- e) Unit dimensions

Note:

One design of the wooden panel displayed. For further information about the different styles check the DESIGN GUIDE.

4. 24" Appliance (Wine unit)



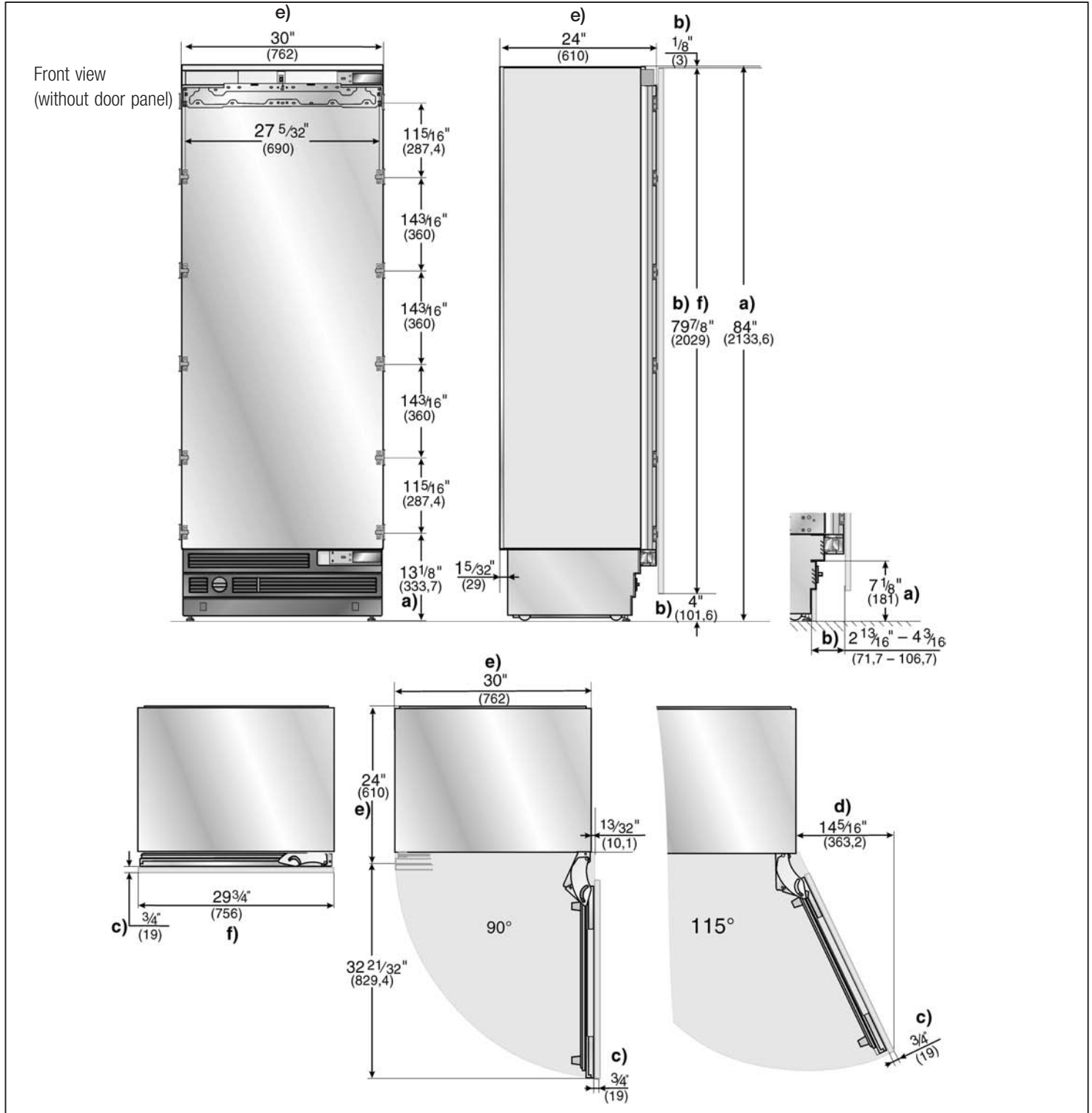
Legend:

- a) Adjustment in levelling legs +1 3/8" (35 mm) / -1/2" (13 mm).
- b) Dimensions may vary.
- c) Thickness of door panel may vary.
- d) This dimension may vary depending on installation, panel thickness and kitchen hardware.
- e) Unit dimensions

Note:

One design of the wooden panel displayed. For further information about the different styles check the DESIGN GUIDE.

5. 30" Appliance (Refrigerator/Freezer/Freezer with Ice and Water dispenser)



Legend:

- a) Adjustment in levelling legs +1 3/8" (35 mm) / -1/2" (13 mm).
- b) Dimensions may vary.
- c) Thickness of door panel may vary.
- d) This dimension may vary depending on installation, panel thickness and kitchen hardware.
- e) Unit dimensions

Note:

One design of the wooden panel displayed. For further information about the different styles check the DESIGN GUIDE.

Installation instructions

CAUTION

The following installation instructions describe the installation steps for various appliance types:

- Refrigerator units
- Freezer units
- Freezer units with ice maker
- Freezer units with ice-water dispenser
- Wine storage units

Therefore the diagrams may not be a true representation of your appliance.
Particular reference is made to special installation steps for individual appliance types.

1. Checking the installation cavity

CAUTION

To ensure a safe, trouble-free installation and an optimum overall view of the subsequent furniture front, thoroughly check that the installation cavity complies with the installation requirements.

Before starting the installation, check that the installation cavity complies with all requirements for a safe and trouble-free installation.

- Check the base.
Follow the instructions in the section on "Installation location" on page 7.
- Check the dimensions of the cavity.
- Check that the cavity is square.
- Check location of the socket.
Also follow the instructions in the section on "Connecting the power" on page 8 and in the section on "Installation dimensions" on page 9.
- Check location of the water connection.
(only for appliances with ice maker)
Also follow the instructions in the section on "Connecting the water" on page 8.
- Check attachment of the adjacent furniture/fixtures.
All furniture parts in the vicinity of the appliance must be connected securely to the wall.
- Check that adjacent furniture/fixtures do not collide (door opening angle).

2.. Transport of the appliance

CAUTION

The appliance is very heavy. Be careful, otherwise people who are helping may be injured or the appliance may be damaged.

- Transport the appliance to a suitable installation location with suitable means of transportation (trolley, lifting truck or hand-driven truck).
- Secure the appliance during transportation to prevent it from overturning.

The appliance is 2134 mm tall. If the appliance cannot be transported in an upright position due to the structural conditions, the appliance can be transported horizontally.

When erecting the appliance, observe the required minimum height at the installation location according to the following table:

Appliance width	Erection via appliance rear	Erection via appliance side panel
18" / 457 mm	86" / 2185 mm	85 ³ / ₄ " / 2180 mm
24" / 610 mm	86" / 2185 mm	87 ¹ / ₄ " / 2215 mm
30" / 762 mm	86" / 2185 mm	89" / 2260 mm
36" / 914 mm	86" / 2185 mm	91 ¹ / ₄ " / 2315 mm

18. Preparing the furniture doors

! IMPORTANT NOTE !

When performing any work on the furniture doors, always observe the following:

- Always screw into the best load-bearing material of the furniture door.
- Never screw into fillers, decorative strips or similar.
- Select a screw length which is always shorter than the thickness of the furniture front.
- To prevent damage, protect surfaces of the furniture doors during installation.

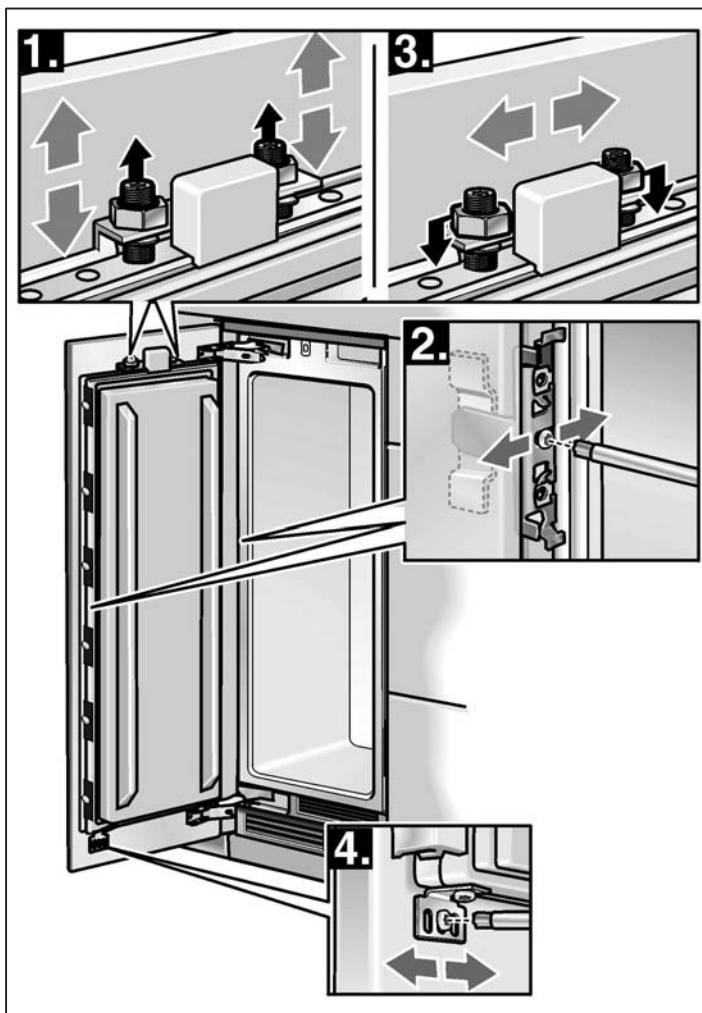
The total weight of the furniture front must not exceed the following values:

18"	37 lbs / 17 kg
24"	50 lbs / 23 kg
30"	64 lbs / 29 kg

The furniture fronts are attached to the appliance door by means of fitting parts on the appliance. These fitting parts allow the furniture door to be adjusted precisely and attached securely to the appliance.

Function of different parts:

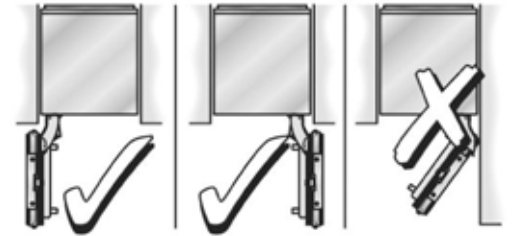
1. Double threaded bolt on the adjusting rail:
for vertical adjustment of the furniture door.
2. Side brackets:
for adjusting the depth of the furniture front.
3. Nuts on the double threaded bolt:
for securing the furniture front to prevent lateral movement.
4. Lower brackets:
for securing the furniture front to prevent lateral movement.



INSTALLATION OPTIONS

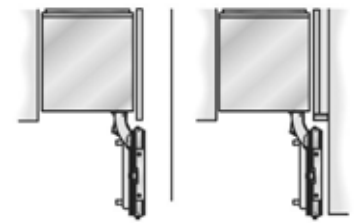
The FREEDOM COLLECTION offers you a variety of installation possibilities. In some instances, special accessories are required !

Individual column installations



At the end of a kitchen

Note: If one side of the appliance is visible, a decorative side panel must be used for covering it. This side panel must be properly affixed to the floor and room wall.



Side-by-Side installations (SxS)

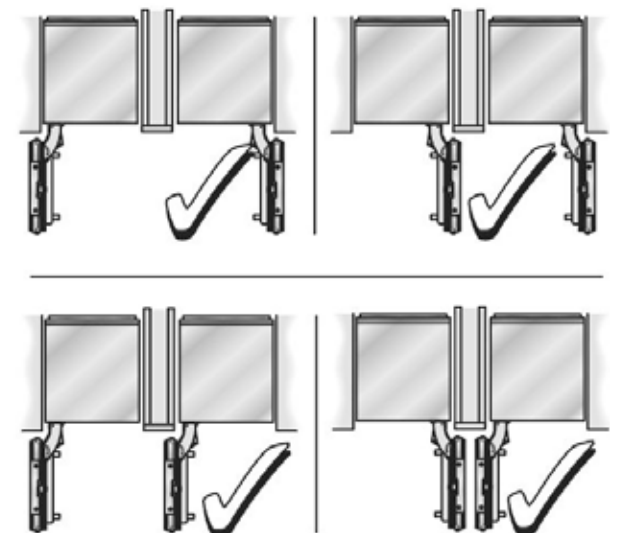
Note: The proper installation of any side-by-side two column combination requires a "sealing kit" (**BSEALKIT10**). It combines two individual units into a side-by-side unit.



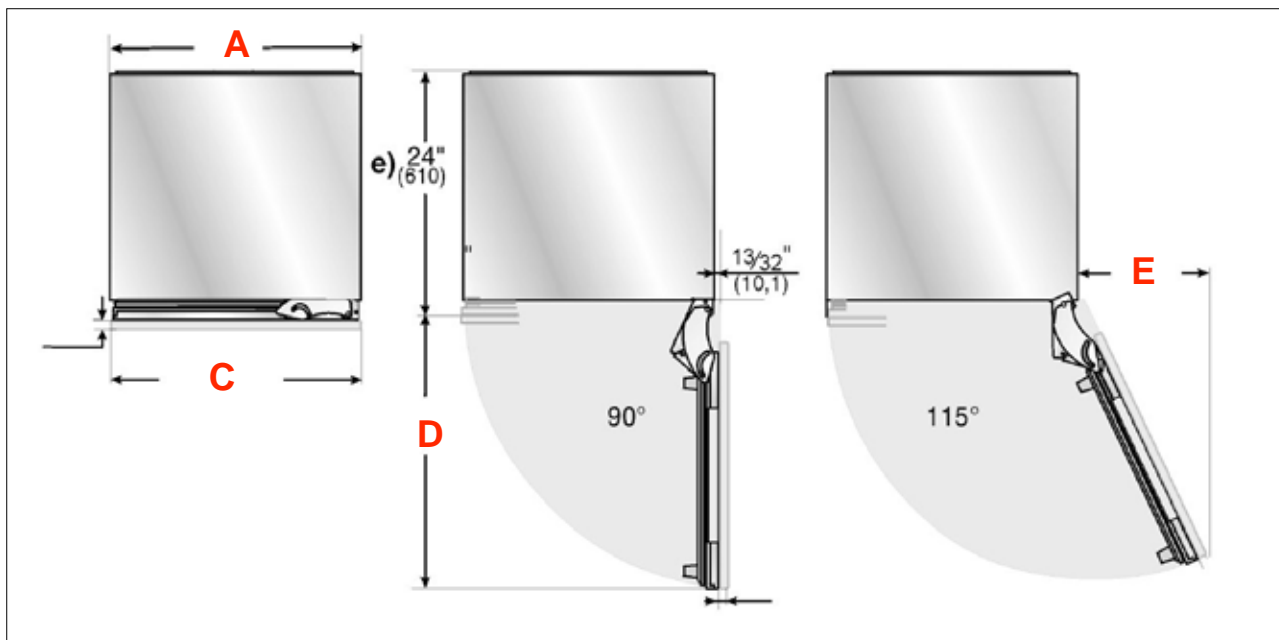
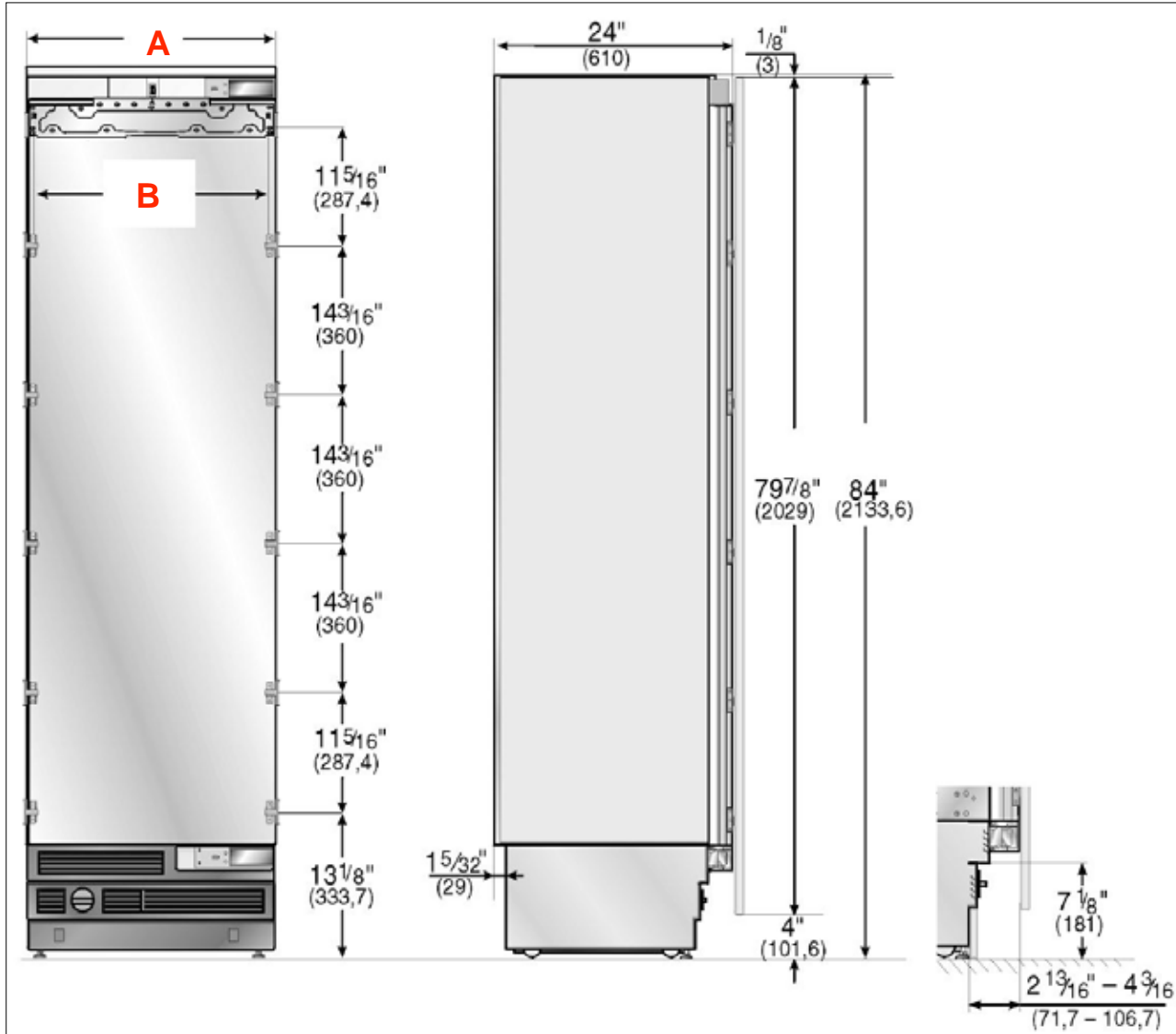
Multiple column installations with partition walls between

Note: If the thickness of a partition between two products is less than 6", then an „extreme combination kit“ (**XHEATKIT10**) is required. It must be installed on the right side wall of the left-side appliance.

(see chapter "accessories")



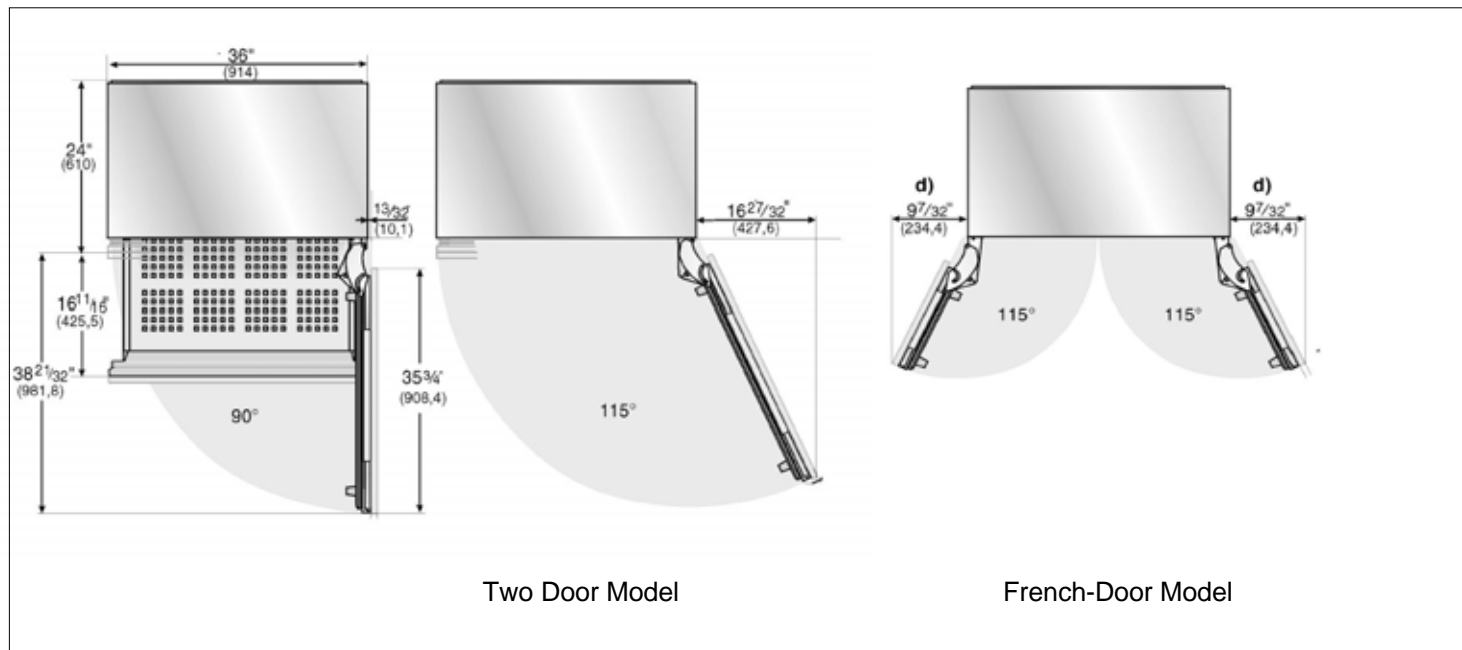
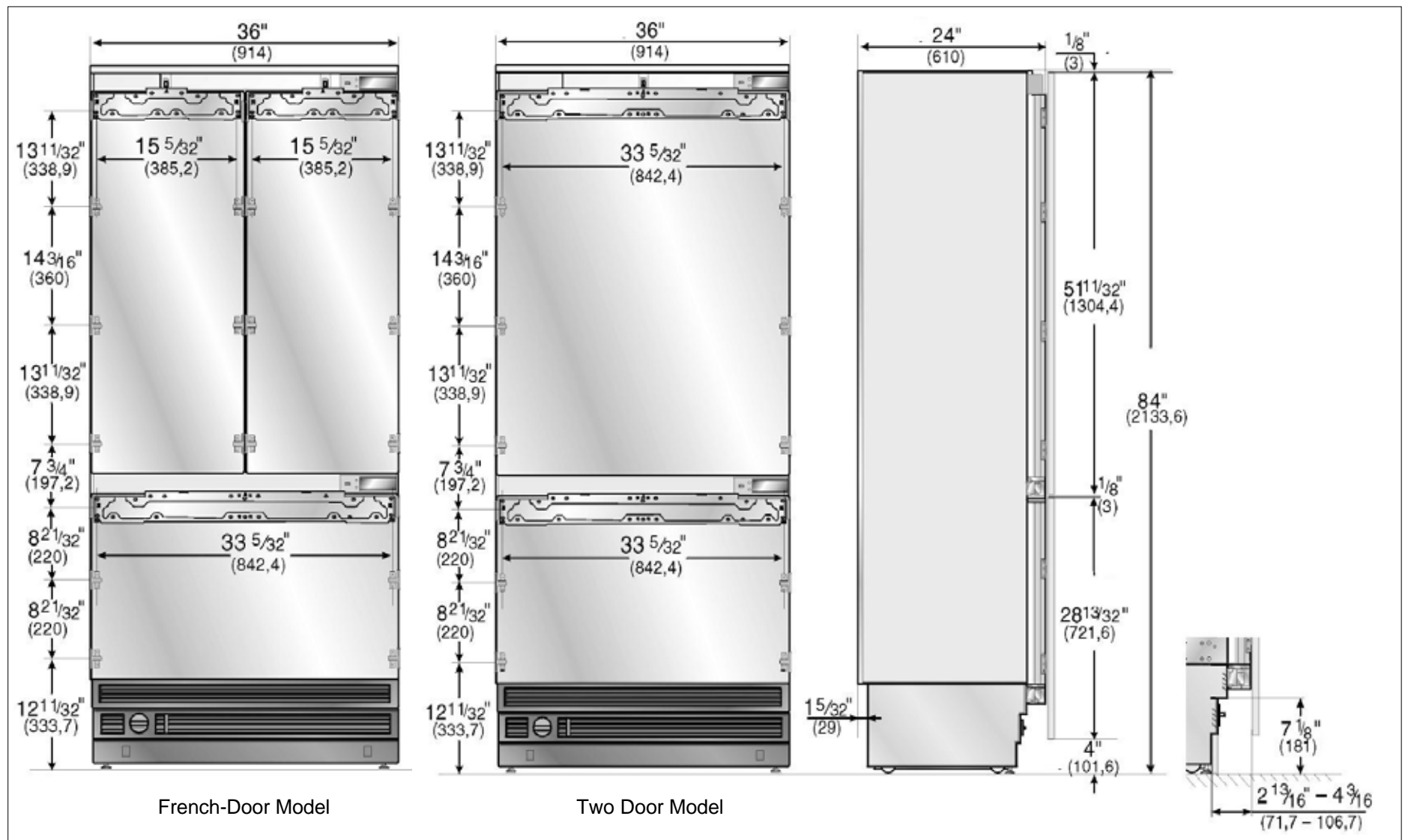
APPLIANCE DIMENSIONS (Single Door Models)



	A	B (*)	C	D	E
18" Models	18"	15 5/32"	17 3/4"	20 21/32"	9 7/32"
24" Models	24"	21 5/32"	23 3/4"	26 21/32"	11 3/4"
30" Models	30"	27 5/32"	29 3/4"	32 21/32"	14 5/16"

- Thickness of a stainless steel door panel is 3/4" (19mm)
- Thickness of custom made door panels may vary according to your planning preferences (3/4" to 1 1/2")
- Leveling legs can be adjusted +1 3/8" to - 1/2" (+35 to -13 mm). Shown is standard adjustment height.
- (*) Dimension "B" indicates width position of door panel fixation brackets, only.

APPLIANCE DIMENSIONS (36" Bottom Freezer Models)



- Thickness of a stainless steel door panel is 3/4" (19mm)
- Thickness of custom made door panels may vary according to your planning preferences (3/4" to 1 1/2")
- Leveling legs can be adjusted +1 3/8" to - 1/2" (+35 to -13 mm). Shown is standard adjustment height.

KITCHEN DESIGN – Basic Terms

To clarify the terms which are used in this quick reference, please refer to the following definitions:

CASE

This is the main body of a kitchen cabinet.

FACE FRAME

This is a decorative frame at the front of a kitchen cabinet and is typical for North America. Variations by manufacturer in kitchen design construction may purposely have a clearly visible **face frame** that is a part of the kitchen aesthetics. European design and styling of cabinets (frameless cabinetry) typically do not have a frame.

DOOR

The **kitchen cabinetry door panel** is the element of kitchen furniture largely defining the aesthetic design of a kitchen. It can have any conceivable look – from modern to traditional. In this quick reference a ¾" (19mm) thick door panel is presumed.

APPLIANCE DOOR PANEL

The FREEDOM COLLECTION refrigerators are intentionally designed to be equipped and delivered with custom made **appliance door panels** that perfectly match the end-user's installed kitchen cabinetry. Typically the normal appliance door panel thickness is expected to be ¾" (19mm). However, a thicker appliance door panel can be accommodated if such door panels are used on the end-user's kitchen cabinetry or in order to emulate the look of the visible face frame (addition to the door) on the refrigerator as well.

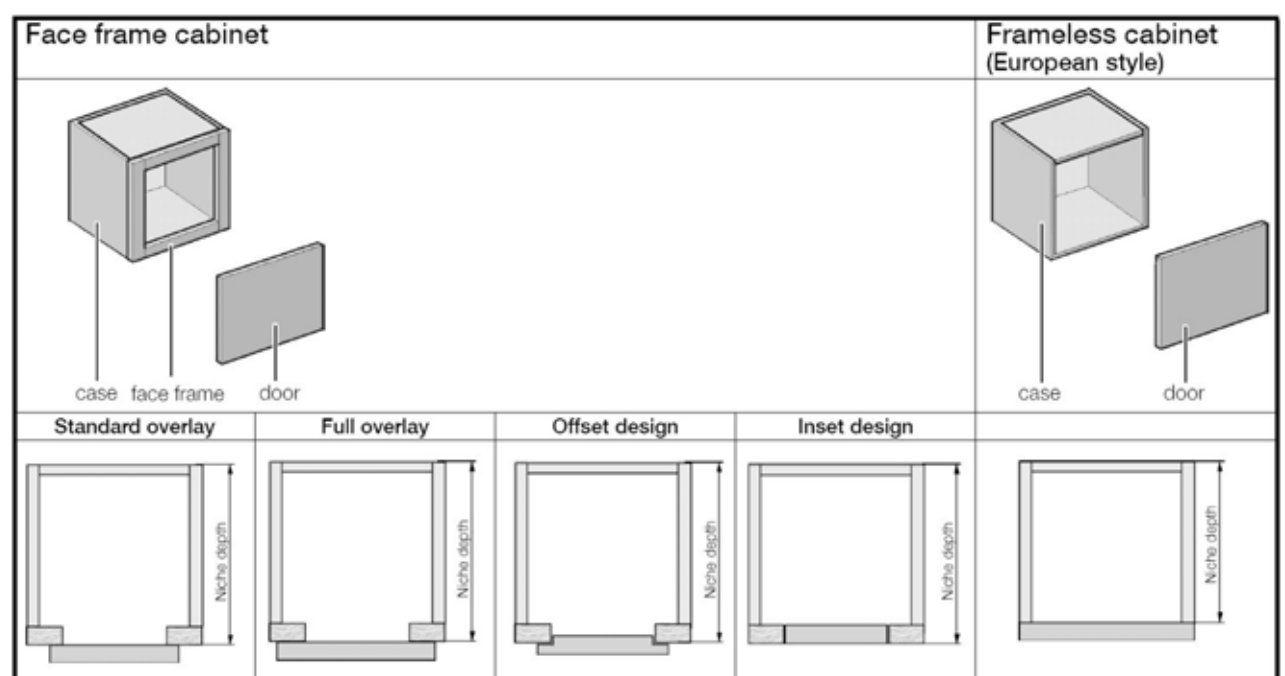
NICHE (Installation Cavity)

The niche is the cavity where a FREEDOM COLLECTION refrigerator is installed. The width of the niche (18",24",30",.....) is dependent on the appliance. The **niche depth** is equal to the depth of the kitchen cabinet (case+face frame). **It does NOT include the thickness of the cabinetry door panel.** For proper planning of the niche depth, please refer to the respective chapter on page 9 in this quick reference.

The main idea of the FREEDOM COLLECTION is, that you can simply replace any standard size kitchen cabinet with a refrigerator column. You can create a suitable niche by leaving a respective gap between two tall cabinets. Alternatively you may create an enclosure, that the appliance will fit into. However this is not the original design intent (basic idea).

When planning the installation niche, it is important that the side walls are completely flush! Please make sure that there is not any kind of face frame at the front of the niche. If, for some reason this is not the situation, please make sure that the depth of this face frame (furniture return) is more than 4" (100mm) so that the appliances can be properly secured.

Kitchen Cabinetry Illustration



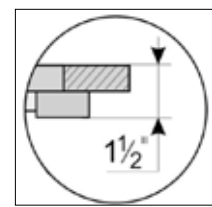
DEPTH OF INSTALLATION CAVITY (Niche depth)

As previously described, the required depth of the installation cavity is mainly dependent on the **kitchen design**. The FREEDOM COLLECTION refrigeration columns are designed for a niche depth of 24" (610mm). So, if the kitchen cabinet (case + face frame) is 24" deep, this should accommodate many standard installations.

Please be advised that additional depth may be required for kitchen designs intending the look of flush fascia across the cabinetry and the refrigerator door panel.

A) Standard Overlay Design

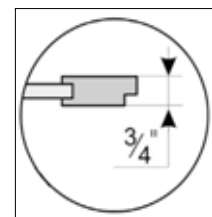
On a kitchen with standard overlay cabinetry, the face frame is also an important part of the design. If the same aesthetics are to be continued on the refrigerator, then not only the door cabinetry panel thickness (e.g. $\frac{3}{4}$ ") is included, additionally the face frame thickness must be emulated. Thereby the resulting thickness of the **appliance door panel** is $\frac{3}{4}$ " + $\frac{3}{4}$ " = 1 $\frac{1}{2}$ " (face frame emulation+door panel = custom appliance door panel). This cumulative thickness of the resulting custom appliance door panel requires added depth for the installation cavity. Example 24" + $\frac{3}{4}$ " = 24 $\frac{3}{4}$ " (recommended is 25").



appliance door panel (emulating a face frame)

B) Full Overlay Design

The above mentioned requirements are of course also valid for kitchens with full overlay design. However there are some chances to work with a niche depth of 24": For this, the small remaining visible area of the fully overlaid face frame has to be emulated within the standard **appliance door panel** thickness of $\frac{3}{4}$ ". This can be done by simply ignoring the visible area of the face frame on the refrigerator ("extended size" of the appliance door panel) or by emulating the face frame by creating a respective "nose" on the appliance door panel (see sketch).



appliance door panel with nose (emulating a face frame)

C) Offset Design, Inset Design (25" niche depth)

Here, the kitchen cabinetry door panels are NOT completely mounted on the cabinet, but partially or fully inserted into the face frame. Due to this, such offset or inset design kitchens do not gain sufficient installation depth by the door panel (please refer to illustration on page 8). If any **appliance door panel** (thickness e.g. $\frac{3}{4}$ ") is installed on the refrigerator, the complete depth dimension of the "paneled refrigerator" will be 24" + $\frac{3}{4}$ " = 24 $\frac{3}{4}$ " (629mm). The minimum depth of the niche is therefore also 24 $\frac{3}{4}$ " (recommended is 25").

D) European style kitchen cabinetry (24" niche depth)

If the kitchen design is based on European style cabinetry, there is no need to emulate the look of a face frame, as such a frame does not exist on any of the kitchen cabinets. Therefore a 24" (610mm) deep niche will always be sufficient.

24" Niche depth is sufficient for:

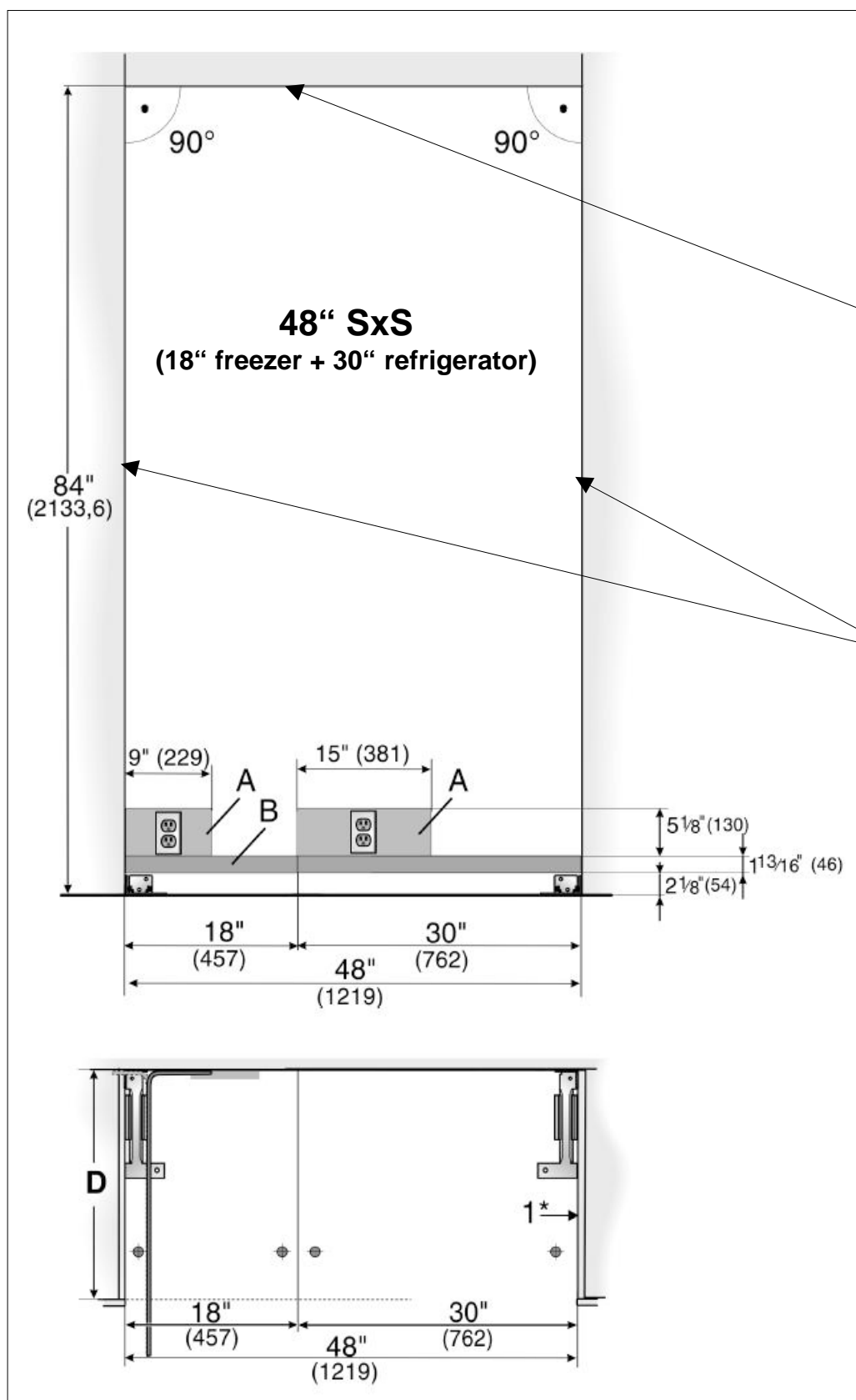
- frameless cabinetry kitchen design with any kind of appliance door panels
- standard overlay or full overlay kitchen design with appliance stainless steel door panels.
- full overlay kitchen design with appliance custom door panels with „extended size“ or with „nose“ (to emulate face frame look)

25" Niche depth is required for:

- standard or full overlay kitchen design with appliance door panels with thickness bigger than $\frac{3}{4}$ " (to emulate face frame look)
- offset or inset design kitchens with any kind of appliance door panels

CAVITY FOR SIDE-BY-SIDE INSTALLATIONS

The width dimension of a niche for side-by-side installations is defined by adding the dimensions of the two single columns. Below illustrates the dimensions of a classic 48"-SxS, with a 18" freezer unit on the left and a 30" refrigerator on the right.



! IMPORTANT !

It is strongly recommended the top panel boundary of the niche be of solid material (5/8" thickness). Make sure that the upper boundary is completely flush for a depth of at least 4".

! IMPORTANT !

Make sure that the side walls of the niche are completely flush !

If, for some reason, a separate niche cabinet is created, make sure that the furniture return area is at least 4" deep.

There is a wide range of combination possibilities, which always end up in simple niche dimensions. Some examples:

18" + 18" models = 36" niche
 24" + 18" models = 42" niche
 24" + 24" models = 48" niche
 30" + 18" models = 48" niche
 24" + 30" models = 54" niche
 30" + 30" models = 60" niche
 30" + 36" models = 66" niche
 36" + 36" models = 72" niche

You just have to make sure that the sockets for the power supply and the water line are located at the correct positions. Take the needed dimensions from the niche description of a single unit installation (as shown on page 10).

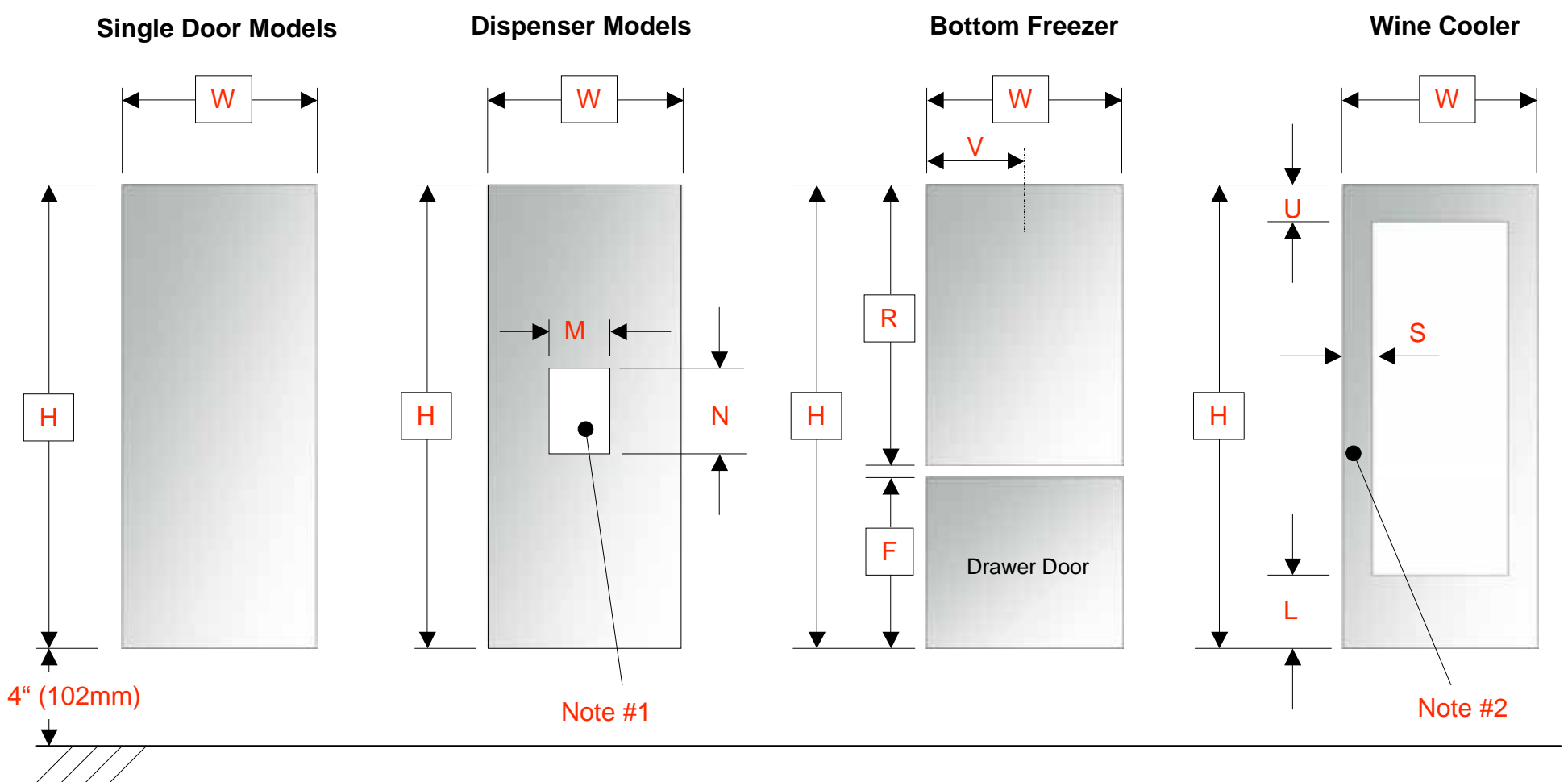
A: Area for installing the power connection

B: Area for running the water line. It is recommended the water-box be placed adjacent to the installation cavity, so that it can be accessed for service without uninstalling the appliance. If this is not possible, place the recessed water box adjacent to the power supply socket elevated at the heights as referenced in areas A+B.

APPLIANCE DOOR PANEL DIMENSIONS

IMPORTANT: The perfect size of the appliance door panels for the FREEDOM COLLECTION refrigerators is defined by the aesthetic design of the surrounding kitchen cabinetry. The toe kick height, the cabinet height and other relevant dimensions of the kitchen will predetermine the dimensions that are required to achieve the same look on the refrigerators. The following sketches illustrate the dimensions which are also used on the panels of the stainless steel models. They are designed for a toe-kick height of 4" (102mm), and a overall kitchen cabinet height of 84" (2134mm) with reveals of 1/8" (3mm) as this is a perfect compromise for a wide range of kitchen designs. As the custom appliance door panels will exceed the appliance door at upper and lower side, please make sure that also the rear side has a finished surface for a height of each 8" (205mm).

IMPORTANT: These sketches are NOT intended to be a replacement for careful planning. Attention to the specific design details of any kitchen is always a necessity !

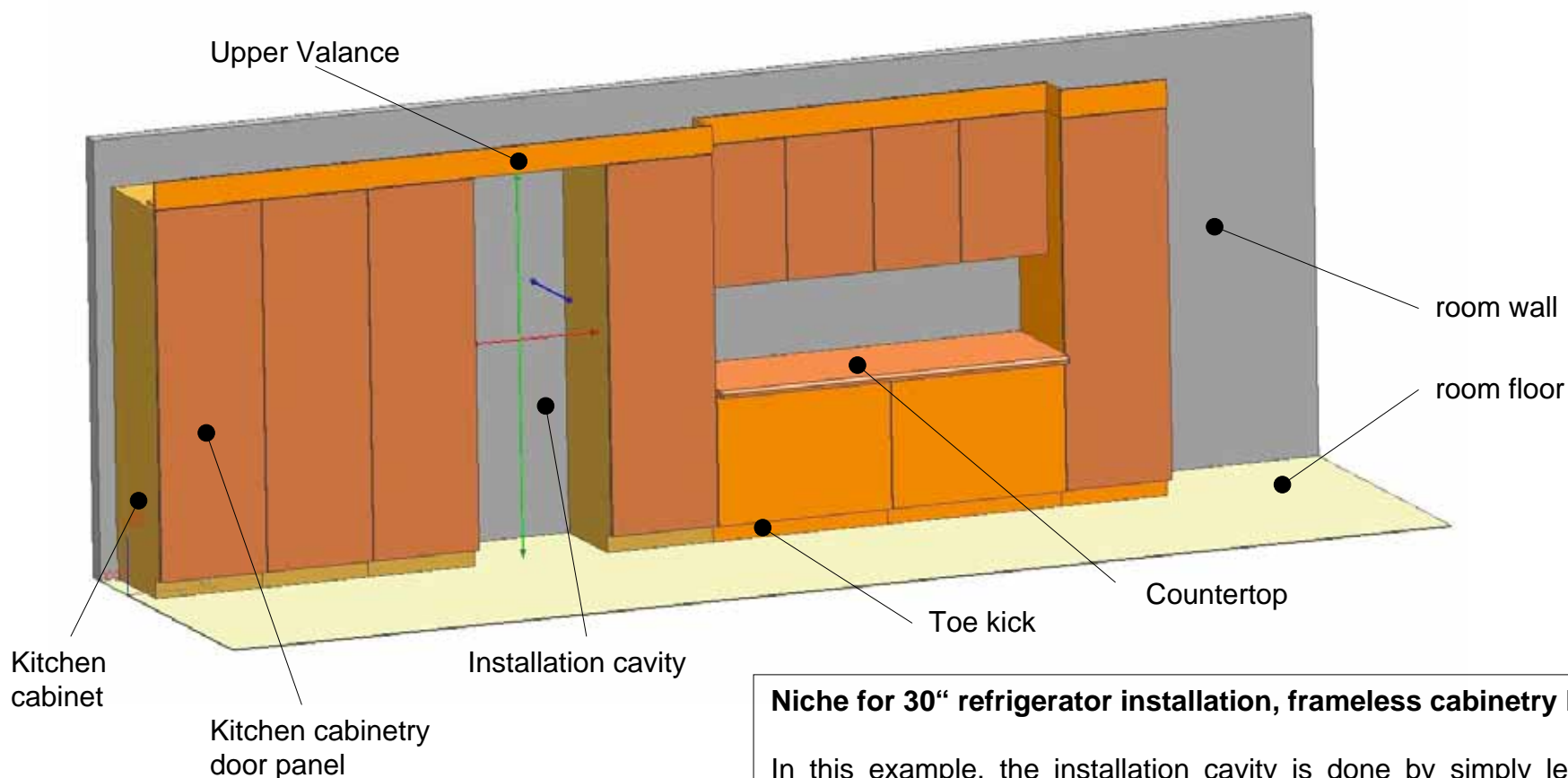


	H	W	V	R	F	M	N	U	L	S	max. weight
18" Single Door Models	79-7/8" (2029mm)	17-3/4" (451mm)	-	-	-	-	-	-	-	-	37 lbs (17kg)
24" Single Door Models	79-7/8" (2029mm)	23-3/4" (603mm)	-	-	-	-	-	-	-	-	50 lbs (23kg)
30" Single Door Models	79-7/8" (2029mm)	29-3/4" (756mm)	-	-	-	-	-	-	-	-	64 lbs (29kg)
18" Dispenser Model	79-7/8" (2029mm)	17-3/4" (451mm)	-	-	-	9-1/16" (230.5mm)	14-1/2" (368mm)	-	-	-	37 lbs (17kg)
24" Dispenser Model	79-7/8" (2029mm)	23-3/4" (603mm)	-	-	-	9-1/16" (230.5mm)	14-1/2" (368mm)	-	-	-	50 lbs (23kg)
36" Bottom Freezer Two-Door	79-7/8" (2029mm)	35-3/4" (908mm)	-	51-11/32 (1304mm)	-	-	-	-	-	-	55 lbs (25kg)
36" Bottom Freezer French Door	79-7/8" (2029mm)	35-3/4" (908mm)	17-3/4" (451mm)	51-11/32 (1304mm)	-	-	-	-	-	-	55 lbs (25kg)
36" Bottom Freezer Drawer	79-7/8" (2029mm)	35-3/4" (908mm)	-	-	28-13/32 (722mm)	-	-	-	-	-	22 lbs (10kg)
18" Wine Cooler	79-7/8" (2029mm)	17-3/4" (451mm)	-	-	-	-	-	5-7/8" (149mm)	10-1/8" (257mm)	2-15/16" (75mm)	37 lbs (17kg)
24" Wine Cooler	79-7/8" (2029mm)	23-3/4" (603mm)	-	-	-	-	-	5-7/8" (149mm)	10-1/8" (257mm)	2-15/16" (75mm)	50 lbs (23kg)

Note #1: The cut-out for the dispenser unit must be horizontally and vertically aligned (centered).

Note #2: The width of the two lateral flanges of the frame-like door panel for wine coolers can vary between 2 1/2" (65mm) and 3 1/4" (82mm). However 2-15/16" (75mm) is recommended.

PLANNING EXAMPLE #1 30"-Refrigerator in a kitchen with frameless cabinetry (3/4" front panel)

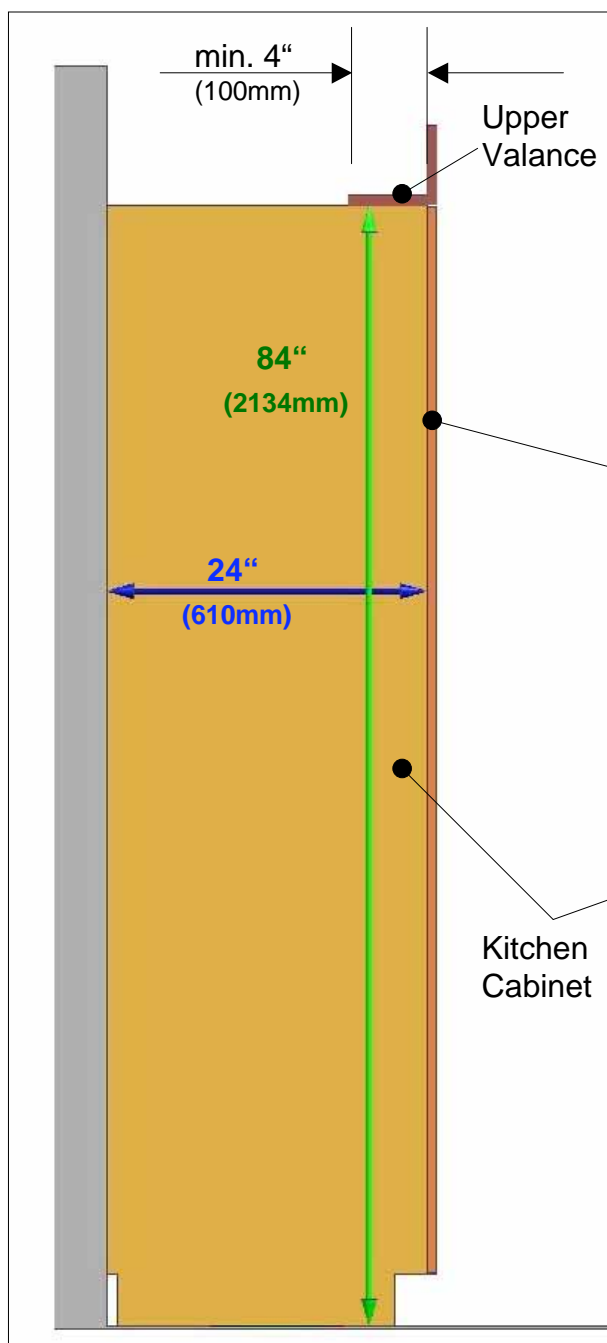


Niche for 30" refrigerator installation, frameless cabinetry kitchen:

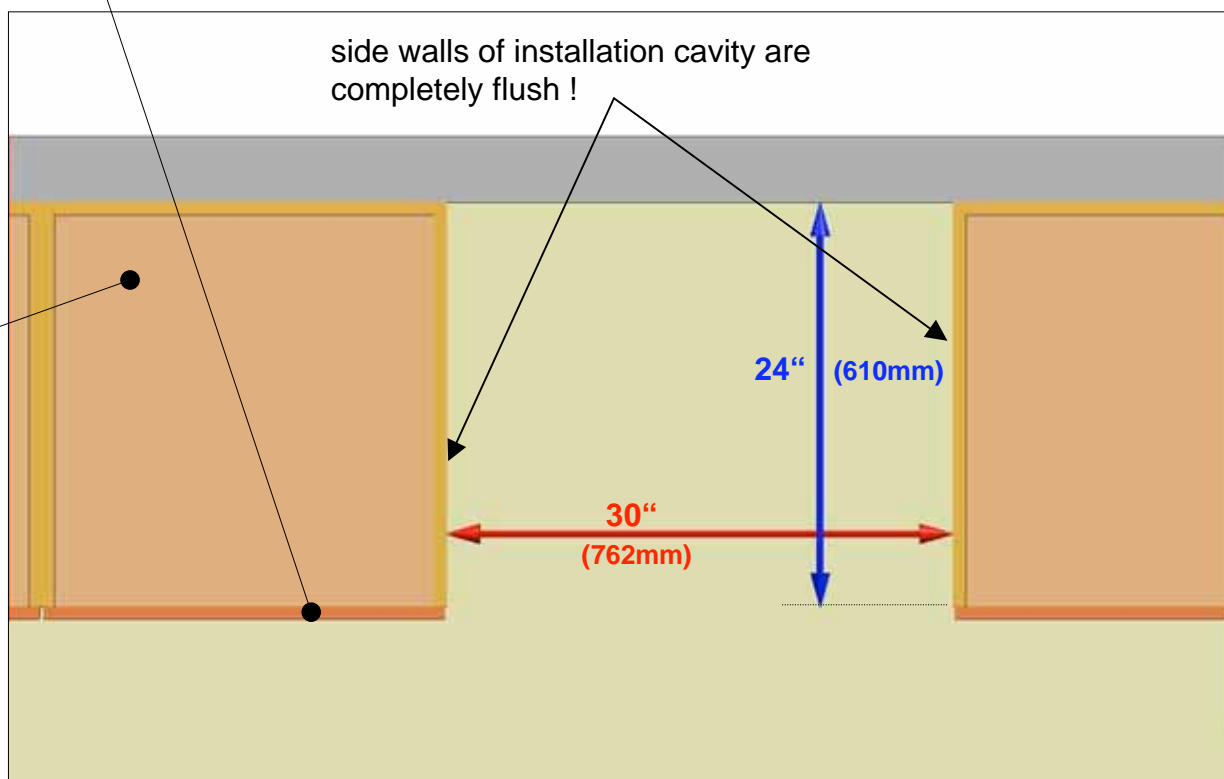
In this example, the installation cavity is done by simply leaving a gap between two kitchen cabinets (as recommended).

The appliance front panel will be identical in appearance and thickness to the kitchen cabinetry door panel (e.g. 3/4").

- side walls of installation cavity (niche) are completely flush
- upper boundary (valance) is at least 4" deep and from solid material
- niche width is exactly 30"
- niche depth (cabinet depth) is 24"

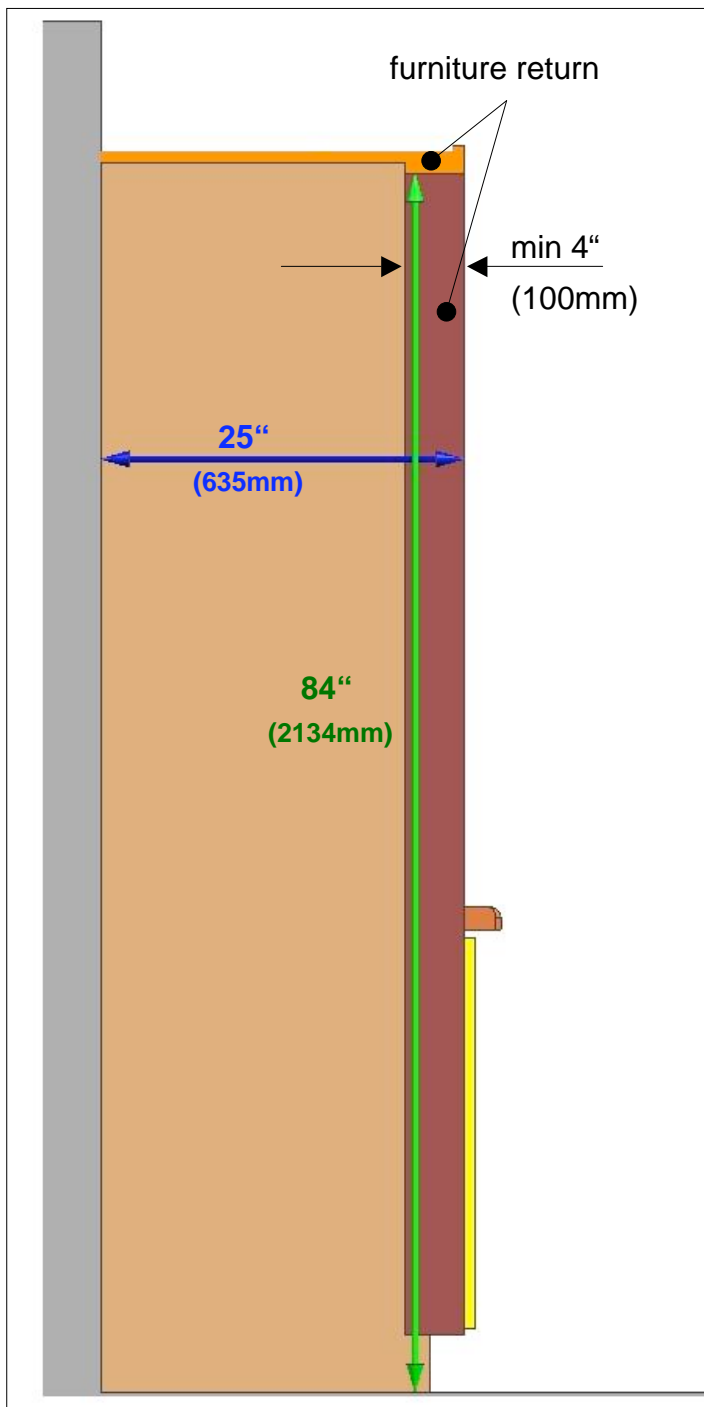
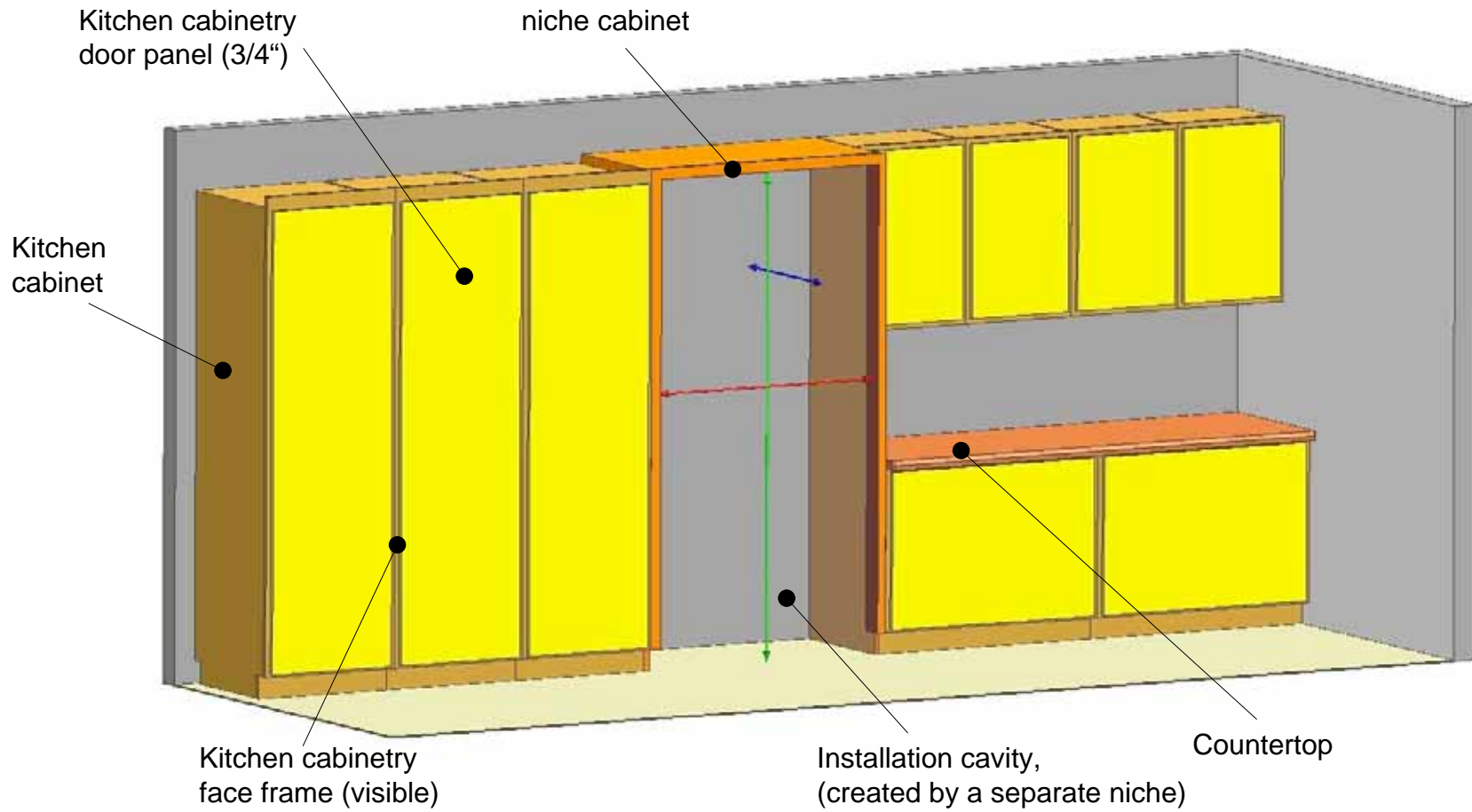


Installation Cavity (Vertical Section)



30" Installation Cavity (Horizontal Section)

PLANNING EXAMPLE #2 42"-Side-by-Side in a standard overlay kitchen and with separate niche

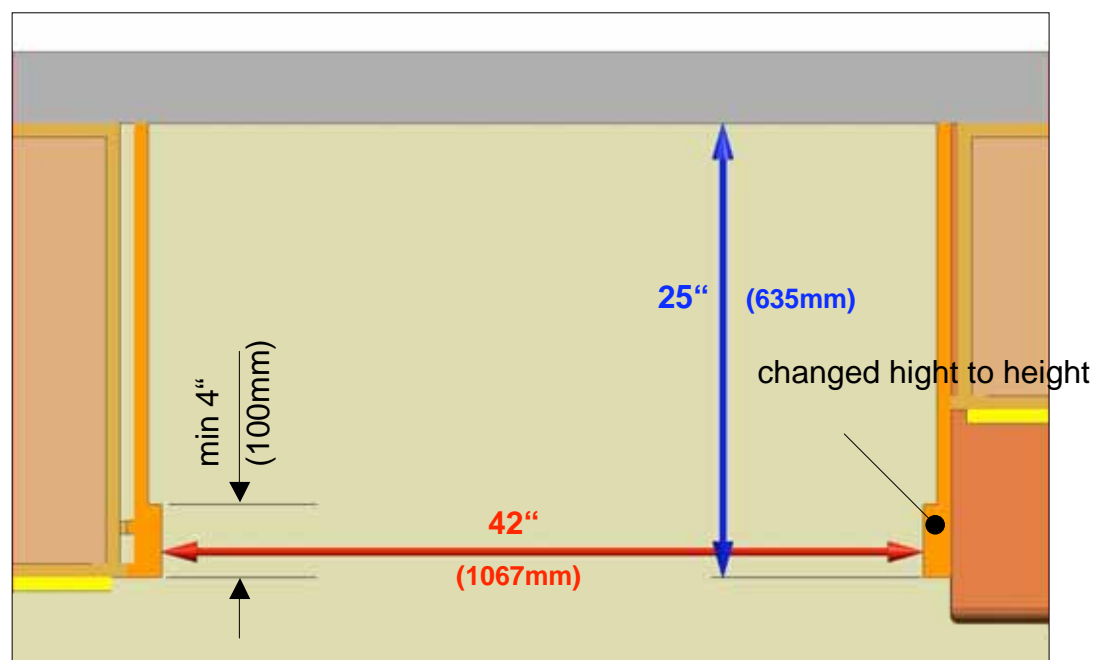


Niche for 42" refrigerator installation, standard overlay kitchen:

In this example, the installation cavity is done with a separate niche (surrounding the refrigerator) although this niche cabinet is not needed. It even creates a look that deviates from the general kitchen design.

The *appliance front panel* has a cumulative thickness of 1½", whereby ¾" emulates the face frame of the kitchen cabinets and ¾" emulates the door panel. Due to this, a 25" deep installation cavity is required.

- if the niche is done with „furniture return“ (not recommended) , this has to be at least 4" deep (on left, right and upper side) and from solid material. It has to have equal depth on left and right side !
- niche width is exactly 42" (for a 18"+24" = 42" SxS-combination)
- niche depth (cabinet depth) is 25" due to 1½" appliance front panel.



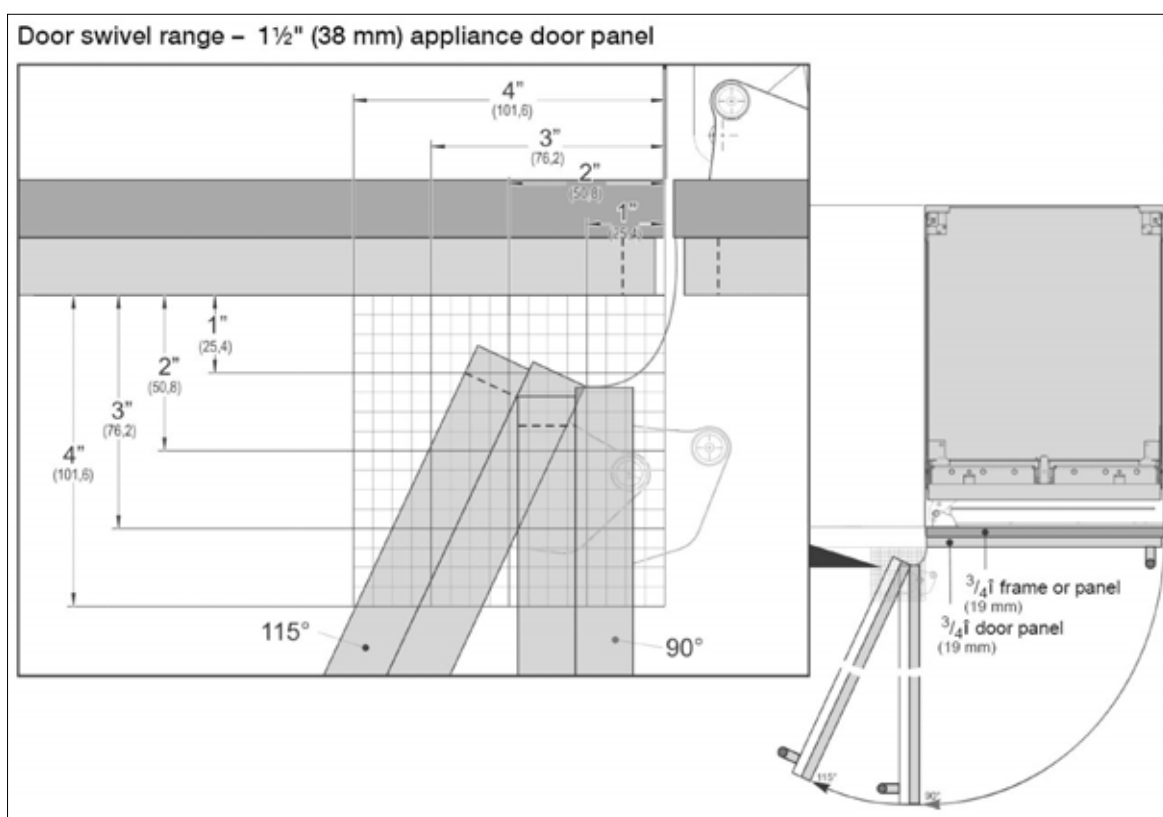
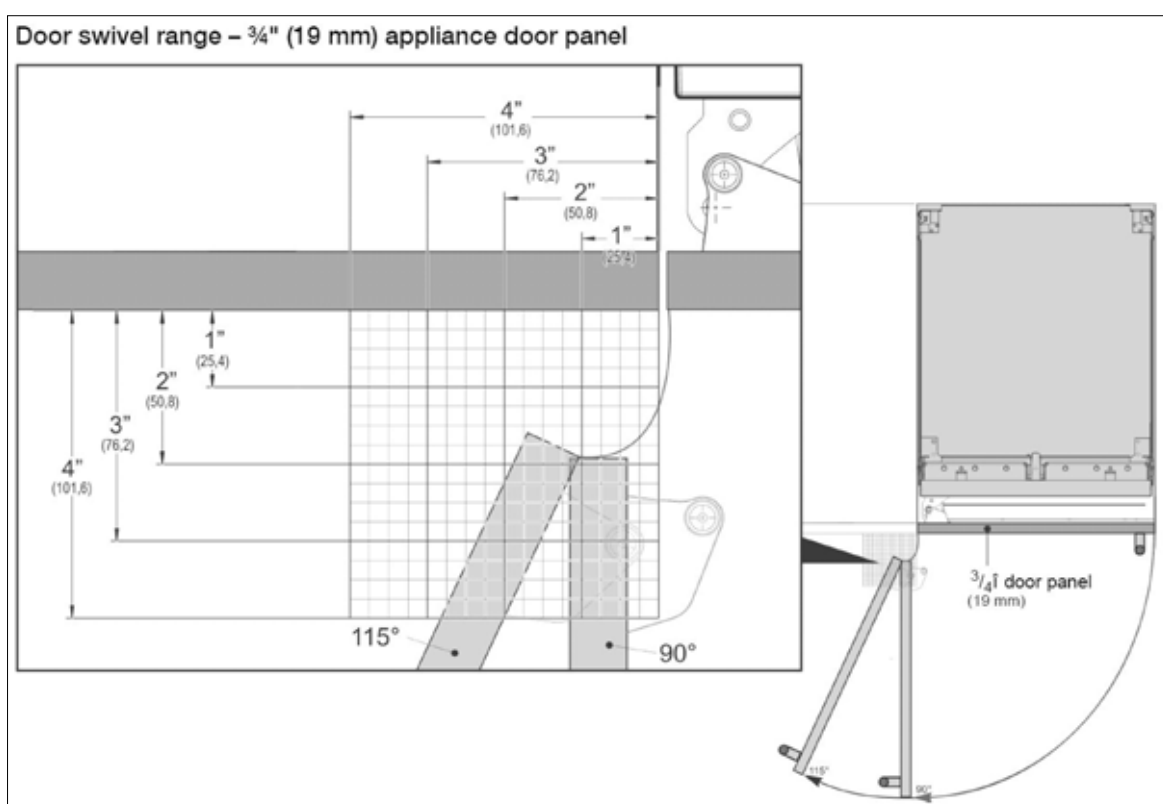
DOOR SWIVEL RANGE

For proper kitchen planning, it is absolutely essential the kitchen planner carefully check for refrigerator door collision avoidance with adjacent cabinets (especially with their door handles !), countertops, pilasters, neighboring walls or other kitchen elements. The illustrations below depict the door swivel range of the FREEDOM COLLECTION refrigerator doors including mounted door panels of both $\frac{3}{4}$ " and $1\frac{1}{2}$ " in thickness. Make sure that the refrigerators are installed in such a way that the doors will not have any collision when opened.

In the event of interference causing collision problems, you have several options to overcome this:

- Limiting the refrigerator door opening angle to 90°
- Reducing the appliance door panel thickness by changing the design / using a stainless steel version ($\frac{3}{4}$ " panel thickness).
- Installing a spacer between the refrigerator and the kitchen element that creates the collision problem.
- Rearranging the kitchen element that create the problem
- Creating a protruding niche for the refrigerator

For more detailed information, please refer to the FREEDOM COLLECTION DESIGN GUIDE.



INSTALLATION REQUIREMENTS

Installation place

⚠	WARNING	⚠
Do not install the appliance: <ul style="list-style-type: none"> - outdoors, - in an environment with dripping water, - in rooms which are at risk of frost. 		

Installation room

The appliance should be installed in a dry, ventilated room. The ambient temperature should not drop below 55 °F (13 °C) or rise above 110 °F (43 °C), otherwise malfunctions may occur. The installation location should not be exposed to direct sunlight and not placed near a heat source, such as an oven, radiator, etc. If installation next to a heat source is unavoidable, use a suitable insulating plate or observe the following minimum distances from the heat source:

- 1¹/₄" (3 cm) from an electric cooker,
- 11¹³/₁₆" (30 cm) from an oil or solid-fuel cooker.

Base

⚠	WARNING	⚠
A fully-loaded appliance is very heavy – for the load bearing capacity at least see the following table: <ul style="list-style-type: none"> Cooler 24" approx. 890 lbs / 400 kg Cooler 30" approx. 1110 lbs / 500 kg Bottom Freezer 36" approx. 1200 lbs / 540 kg Freezer 18" approx. 560 lbs / 250 kg* Freezer 24" approx. 780 lbs / 350 kg* Freezer 30" approx. 950 lbs / 425 kg* (* without Water Dispenser)		

To ensure that the appliance is installed securely and functions properly, the base must be flat and level. The base must be made of a hard, rigid material. The installation area must be the same height as the rest of the room. On account of the heavy weight of a fully loaded appliance, a load-bearing base is required. If in doubt, contact an architect or a building expert.

Installation cavity and niche dimensions

It is important to observe the specified dimensions of the installation cavity for a trouble-free installation of the appliance and for the subsequent general view of the furniture front. See chapter "Niche dimensions" on .

i In particular ensure that the cavity is square. Squareness can be checked by suitable means, e.g. spirit level, diagonal measurements, etc.

i The side walls of the cavity must be flush.

The minimum thickness of side walls and the top wall must be 5/8" (16 mm).

The minimum thickness of toe kick panel must be 1/2" (13 mm).

Furniture/fixtures

The new appliance is screwed securely to adjacent and overhead furniture/fixtures.

For this reason it is essential that all attachable furniture/fixtures are connected securely to the base or the wall by suitable means.

Finger guard

The finger guard is a safety device which is attached to the hinge side of the appliance door. When the door is open, it stops children and pets from inserting limbs unnoticed into the crack between the door and the appliance and from being hurt when the door is closed.

!	IMPORTANT	!
Under no circumstances may the appliance be installed and operated without the finger guard.		

Electrical Requirements

⚠	WARNING	⚠
Electrical Shock Hazard <ul style="list-style-type: none"> - Plug into a grounded 3 prong outlet. - Do not remove ground prong. - Do not use an adapter. - Do not use an extension cord. 		

The appliance comes with a 3-wire power supply cord, UL listed in the USA.

The appliance requires a 3-wire receptacle.

The receptacle must be installed by a licensed electrician only.

For the installation position of the receptacle see Niche dimensions.

!	IMPORTANT NOTE	!
A 4-conductor cord shall be used when the appliance is installed in an area where the local codes do not permit grounding through the neutral. Power supply cord must be replaced by a licensed electrician only.		

Additional grounding procedure

Some local regulations may require a separate ground. In such cases, the required accessory ground wire, clamp and screw must be purchased separately.

Never ground the appliance to plastic plumbing lines, gas lines or water pipes.

Grounding instruction

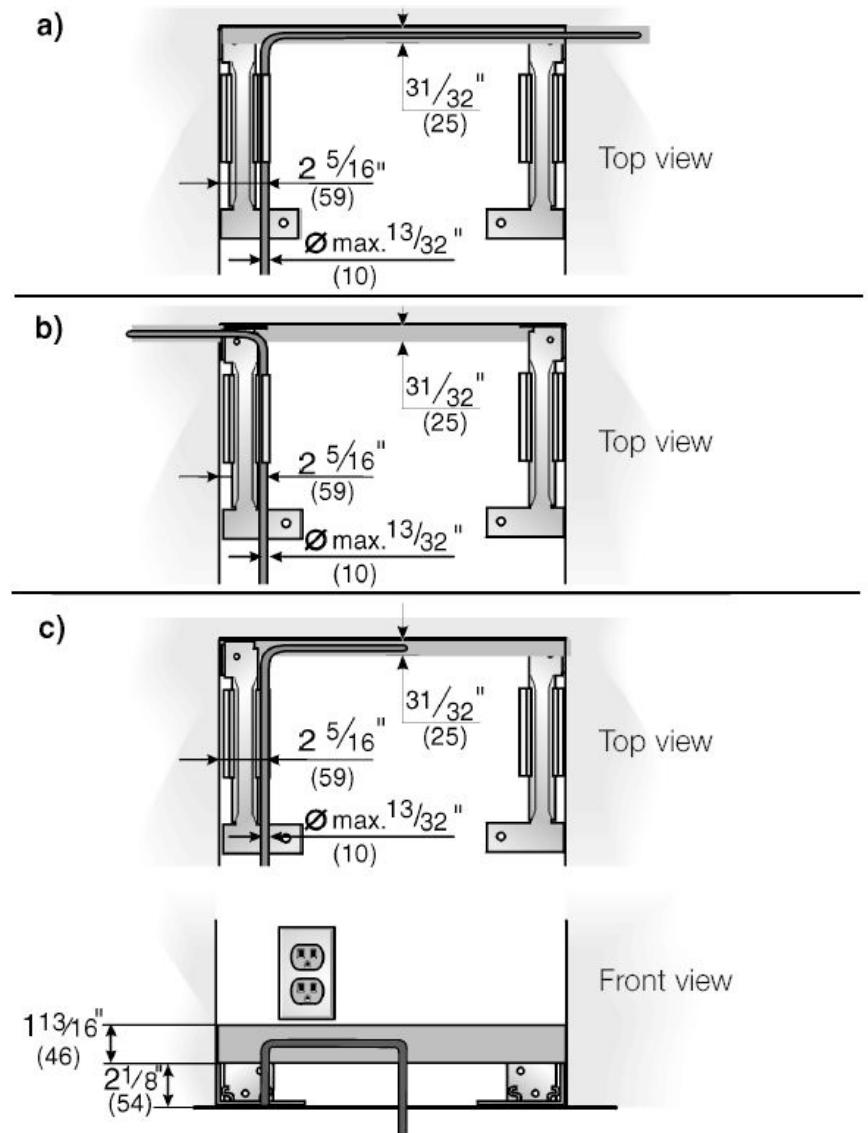
This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current.

	WARNING	
<p>Improper connection of the equipment grounding conductor may result in electric shock. Have the appliance checked by a qualified electrician or servicetechnician if you are in doubt as to whether the appliance has been properly grounded.</p>		

Connecting the water

A cold water connection is required for appliances which feature an ice maker or an ice water dispenser. The water pressure must be between 40 and 120 p.s.i. (2.75–8.25 bar). The installation must comply with local plumbing regulations. A separate shut-off valve must be installed for the appliance water connection. The shut-off valve for the water connection must not be behind the appliance. It is recommended to place the shut-off valve directly next to the appliance (base unit) or in another easily accessible location. When installing the water connection, observe the permitted installation areas for the water supply line.

The supply line can be located at the side on the right (a), at the side on the left (b) or underneath (c).

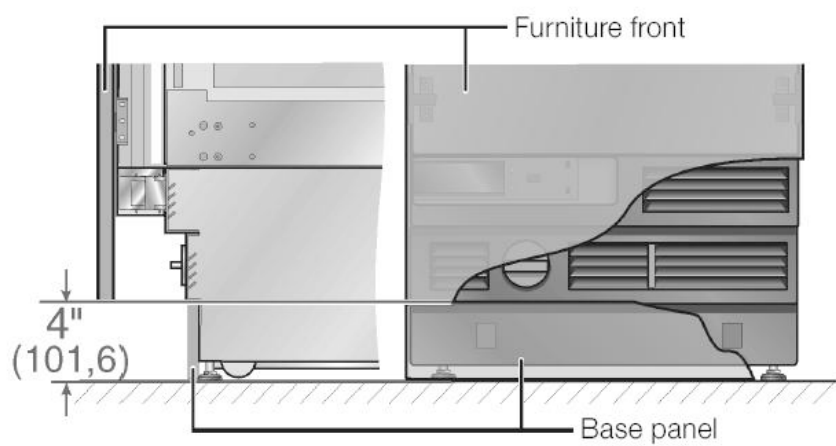


BASE AREA AND UPPER VALANCE DESIGN

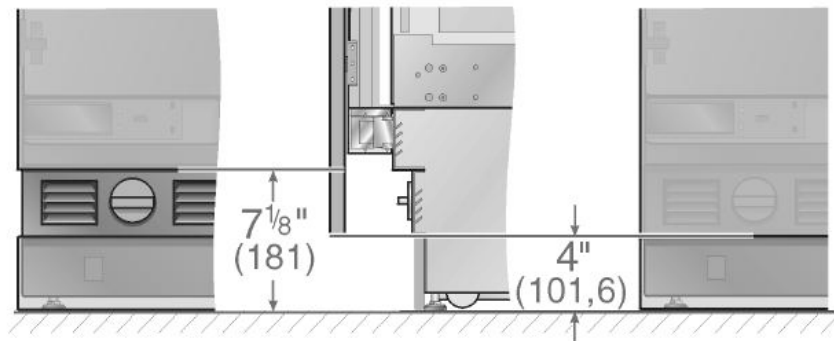
Base area design

CAUTION

Ventilation of the appliance has to be guaranteed.
 Risk of damage to the appliance.
 The minimum distance between the upper edge of the floor and the bottom edge of the furniture front is 4" / 101.6 mm.
 Pay attention to the height adjustment of the appliance by leveling the legs. Do not cover the ventilation slits in the feet of the appliance.



Relating to the standard height level, the maximum height of the base panel is 4" (102mm), depending on construction. The minimum thickness of the base panel is 3/4" (19mm). Velcro fastening is used to fix the base panel to the appliance. Ventilation slits and the entrance to the water filter (if available) are located in the higher area of the appliance base.



If necessary for design reasons, the distance from the bottom edge of the furniture front can be increased without a problem up to 7 1/8" / 181 mm. The ventilation slits and the entrance to the water filter (if available) will then however be visible.

Upper valance

The height of the furniture front is dependent on:

- the overall height of the appliance,
- the distance from the bottom edge of the furniture front to the floor,
- appliance type (Single door or Bottom Freezer (2 or 3 door)).

The overall height of the appliance is 84" / 2133.6 mm.

A height adjustment in the range - 1/2" / 13 mm to + 1 3/8" / 35 mm can be achieved by the height leveling legs.

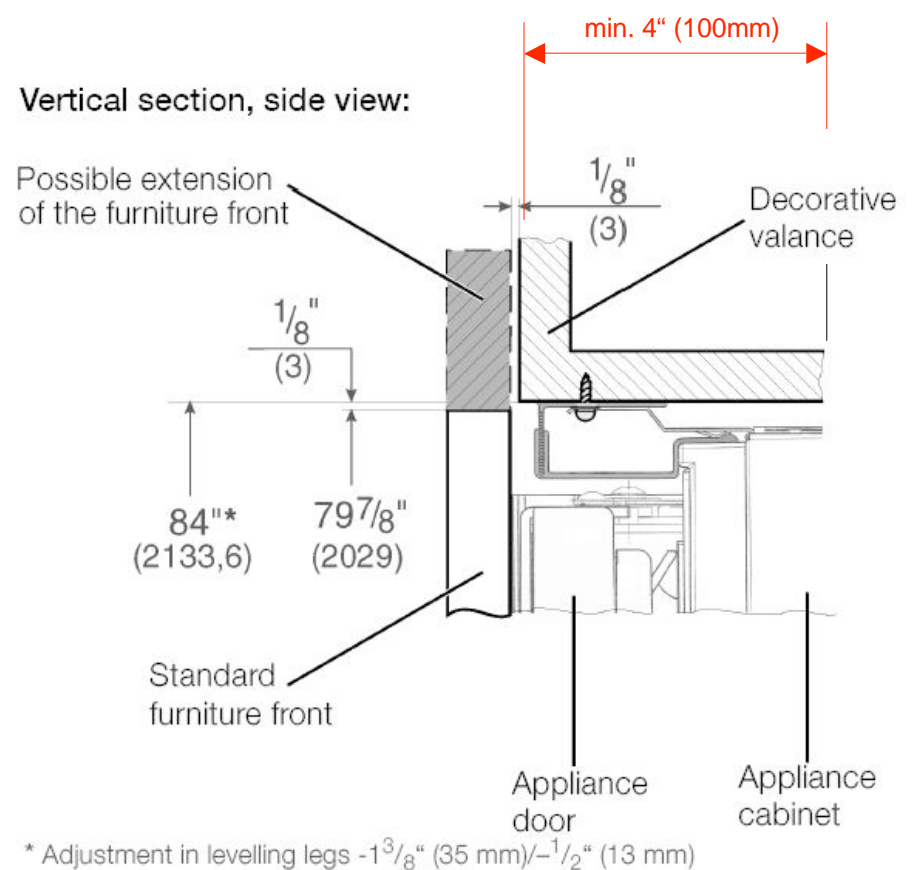
A minimum height of 4" / 101.6 mm is stipulated for the base area for guaranteeing ventilation of the appliance.

When a gap dimension of 1/8" / 3 mm is taken into account and the height instructed is adhered to, the height of the furniture front for the 1 door standard appliance comes to:

$$\begin{aligned} \text{Height of the furniture front} \\ &= \text{overall height} - \text{distance to floor} - \text{gap dimension} \\ &= 79\frac{7}{8}" / 2029 \text{ mm} \end{aligned}$$

This stated height can vary, corresponding to the actual circumstances at the installation location.

The furniture front can be extended upwards according to corresponding spatial conditions and kitchen design.



Make sure that the upper boundary (top) of the niche (upper decorative valance) is at least 4" deep, so that the refrigerator can be properly secured to the niche. This is especially important if a surrounding niche for the appliance is created and if the niche is configured with a face frame. The „furniture return“ of this face frame must have a minimum depth of 4“.

APPLIANCE SPECIFICATIONS OVERVIEW

Coloumn	Width	Height	Depth	Door Swing Clearance	Door Swing Angle (modifiable)	Shipping Weight	Approximate weight, fully loaded	Hinge Side (on delivery)	max load (AMP)	Freezing Capacity (ft ³)	Cooling Capacity (ft ³)
Freezer 18"	18" (457mm)			20-21/32 (525mm)		255 lbs (115kg)	560 lbs (250kg)	left (changeable)	3.1 A	8.4 cu.ft. (237 ltr)	-
Freezer 24"	24" (610mm)			26-21/32 (677mm)		300 lbs (135kg)	780 lbs (350kg)	left (changeable)	3.7 A	12.0 cu.ft. (340 ltr)	-
Freezer 30"	30" (762mm)			32-21/32* (830mm)		335 lbs (150kg)	950 lbs (425kg)	left (changeable)	4.2 A	15.6 cu.ft. (443 ltr)	-
Freezer / Dispenser 18"	18" (457mm)			20-21/32 (525mm)		255 lbs (115kg)	560 lbs (250kg)	left / right (III)	nya (IV)	8.4 cu.ft. (237 ltr)	-
Freezer / Dispenser 24"	24" (610mm)			32-21/32* (830mm)		300 lbs (135kg)	780 lbs (350kg)	left / right (III)	nya (IV)	12.0 cu.ft. (340 ltr)	-
Refrigerator 24"	24" (610mm)	84" (2134mm)	24" (610mm)	26-21/32 (677mm)	90° / 115° (V)	310 lbs (140kg)	880 lbs (400kg)	right (changeable)	1.5 A	-	13.1 cu.ft. (370 ltr)
Refrigerator 30"	18" (762mm)			32-21/32* (830mm)		350 lbs (158kg)	1100 lbs (500kg)	right (changeable)	1.5 A	-	17.1 cu.ft. (483 ltr)
Bottom Freezer 36" (Two Door)	36" (915mm)			38-31/32* (982mm)		430 lbs (195kg)	1200 lbs (540kg)	right (changeable)	4.9 A	5.8 cu.ft. (164 ltr)	13.9 cu.ft. (383 ltr)
Bottom Freezer 36" (Three Door)	36" (915mm)			20-21/32 (525mm)		430 lbs (195kg)	1200 lbs (540kg)	not relevant	4.9 A	5.8 cu.ft. (164 ltr)	13.9 cu.ft. (383 ltr)
Wine Cooler 18"	18" (457mm)			20-21/32 (525mm)		300 lbs (135kg)	780 lbs (350kg)	right (changeable)	nya (IV)	-	70 bottles (II)
Wine Cooler 24"	24" (610mm)			26-21/32 (677mm)		350 lbs (160kg)	1200 lbs (540kg)	right (changeable)	nya (IV)	-	98 bottles (II)

*I - total refrigerated volume according AHAM specs.
 *II - 18" Wine cooler model = 25 bottles (3.8 cu.ft / 107 ltr) in upper compartment + 45 bottles (6.0 cu.ft / 169 ltr) in lower compartment
 - 24" Wine cooler model = 35 bottles (5.4 cu.ft / 153 ltr) in upper compartment + 63 bottles (8.5 cu.ft / 242 ltr) in lower compartment
 *III - On dispenser models the hinge side (left or right) can not be changed. Specific model is to be ordered.
 *IV - information is not yet available
 *V - standard opening angle is 115°, but can be limited to 90°