

REFRIGERATION · BUILT-IN

30" & 36" BUILT-IN REFRIGERATOR & FREEZER

Panel ready · 30" single door, 36" French door · ice maker and filtered water

RF-30 · RF-36 — PANEL READY / SS / BS / VEGA / ORION



SHOWROOM

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RECORD HERE

MODEL & SERIAL

Two widths, one flush face.

Induction Hardware built-in refrigeration is engineered to disappear into cabinetry — a full-height case set flush in an 84" opening, refrigerator above and freezer drawer below, with an internal ice maker and filtered water. **This manual covers both widths: the 30" with a single refrigerator door and the 36" with a French door. Both are panel ready, share the same platform, hardware and install sequence, and every figure that differs is given for each width.**



RF-30-SS
30" · Stainless Steel



RF-30-BS
30" · Black Stainless



RF-30-PR
30" · Single Door · Panel Ready



RF-36-PR
36" · French Door · Panel Ready

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Read this **first**.

Before you begin, read these instructions completely and carefully. Your safety and the safety of others are very important. Always read and obey all safety messages on the appliance and observe all local governing codes and ordinances.

INSTALLER RESPONSIBILITY

Installation of this refrigerator requires basic mechanical and electrical skills. Proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the appliance warranty.

DISPOSING OF PACKAGING

The package protects the product in transit and its materials are recyclable. All plastic packaging materials and bags must be disposed of safely and kept out of the reach of children and pets.

FOR YOUR SAFETY

Wear gloves and safety glasses or goggles during installation.

Confirm the product is suitable for your local mains supply.

Installation must be performed by a qualified technician, following these instructions.

The product is heavy and may tip over — take precautions against tipping.

Keep the doors closed until the unit reaches its destination.

IMPORTANT

The refrigerator **MUST** be installed so that it can be removed from the enclosure later if service is required. If you received a damaged unit, call Induction Hardware immediately so we can assist as swiftly as possible.

WARNING

This installation manual is prepared to help installation teams. The User Manual provided with the product must also be taken into consideration. You may be seriously injured and the product may be damaged if the warnings given here are ignored.

SYMBOLS USED

A lightning-bolt symbol indicates dangerous voltage constituting a risk of electric shock. An exclamation symbol indicates important operating and maintenance instructions in the literature.

TWO-PERSON JOB

At least two people must carry, recline and place the refrigerator. Use a furniture dolly or cart.

Where it can go.

WARNING — R600A REFRIGERANT

This product contains R600a isobutane refrigerant — a natural hydrocarbon that is also flammable. If the product has been transported horizontally, wait a minimum of 4 hours before plugging it in.

DURING INSTALLATION

- Dimensions of the installation area must be suitable.
- The structure used to support and secure the product must be suitable in size, construction and position.
- Minimum clearances between product parts and surrounding structures must be observed.
- Minimum dimensions and correct placement of ventilation openings must be observed.
- It must be possible to connect the product to mains power and to disconnect it after installation.
- The socket or fuse must remain accessible to de-energize the product.
- Extension cables and ungrounded two-terminal adapters must not be used.

INSTALLATION PLACE

- The floor must be capable of bearing 1,200 lb (544 kg) minimum.
- Kitchen floor and the bottom of the product must be at the same level, or air suction problems may occur.
- No objects may obstruct the back or side walls of the installation place.
- Furniture dimensions must be in strict conformity with the dimensions in this manual.
- Do not set the fridge and freezer cases directly against one another — see Dual Case Installation.
- Check floor flatness with a bubble level tool.
- Keep the area out of direct sunlight and away from heat sources.
- Ambient temperature must be between 55 °F (13 °C) and 110 °F (43 °C).

CLEARANCE TO HEAT SOURCES

From electric hobs or ovens	1¼" (3 cm)
From gas or fuel-operated hobs or ovens	12" (30 cm)

DO NOT INSTALL THE REFRIGERATOR

Do not install in open or wet areas, or where the temperature is lower than 55°F.

Power and water.

ELECTRICAL CONNECTION

Before installing, make sure the voltage, load and circuit current parameters on the data plate comply with the mains in the house. Installation, repair and other procedures performed by unqualified persons may be hazardous.

SUPPLY AND PLUG

Supply	120 V · 60 Hz 15A
Plug	NEMA 5-15P, 3-pin, UL listed
Socket	Grounded 3-pin, accessible after install

RISK OF ELECTRIC SHOCK

- Never use an extension cable.
- Do not remove the round grounding terminal from the plug.
- Do not use two-pin grounding adapters.
- Do not connect the grounding cable to a gas pipe.
- Do not install a fuse on the neutral line or grounding circuit.
- The socket must be grounded and checked by an authorized person.

WATER CONNECTION

Mains water	Potable, cold water only
Working pressure	25–80 psi (1.7–5.5 Bar)
Above 80 psi	Fit a pressure limiting device
Never operate above	120 psi
Hose	60" (1.5 m) minimum, ½" diameter
Connector thread	¾" external diameter

FURNITURE

The furniture must be safely mounted and properly connected to the floor and wall. Side walls must be free of clearances and flat, with a minimum thickness of 5/8" (16 mm). Minimum thickness of doors attached to the product is also 5/8" (16 mm).

IMPORTANT

Wait 3–6 hours before energizing the product so the refrigerant and lubricants in the system can settle.

WARNING

Make sure there is no water leakage when making water connections, or the floor and furniture will be damaged. Confirm flow and check for leaks before completing the installation. Never connect to a hot water inlet, protect the hoses against freezing, and where mains pressure is below 15 psi (1 bar) an auxiliary pump may be used to make it up.

What you need on **site**.

TOOL LIST



Cordless drill



Safety goggles



Two people

Hammer or
mallet

Ladder



Box cutter



Tape measure



Bubble level



Safety gloves



Furniture dolly



1/2" wrench (×2)



1/4" flat wrench



Ø8.0 mm bit



Ø2.4 mm bit



Philips bit

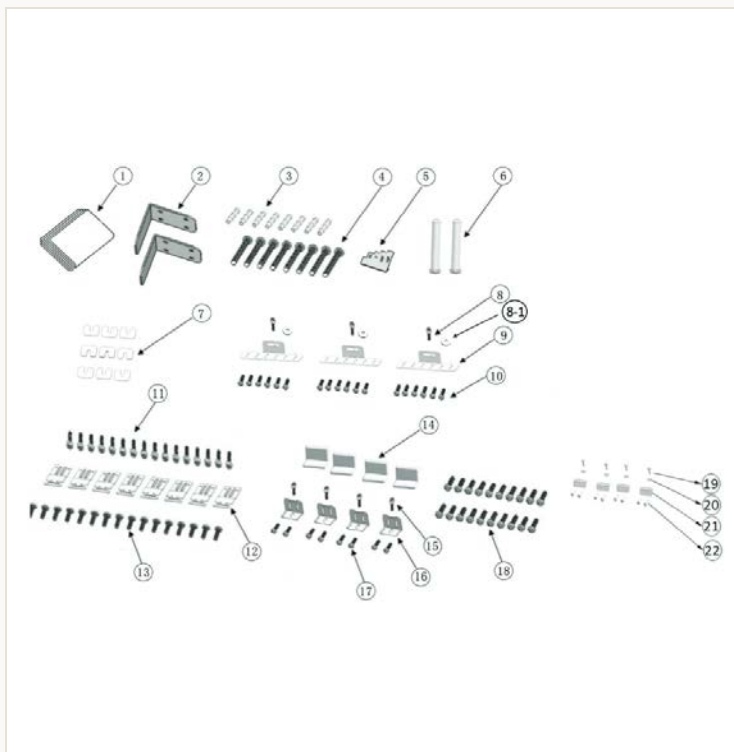


Hex bit

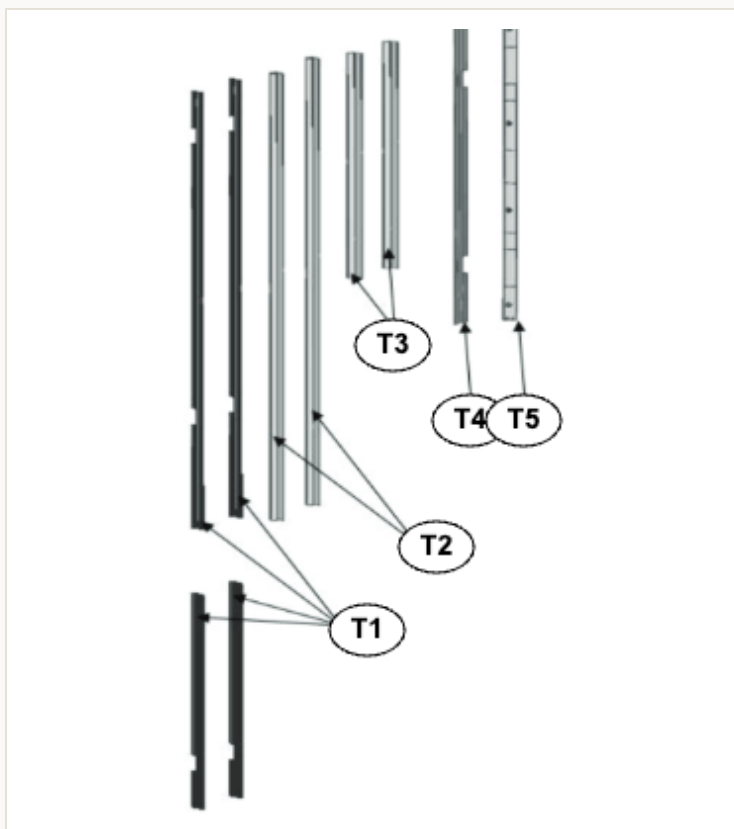


Flat head bit

Not shown — 1/4" nut driver, tape and nylon string.



MOUNTING HARDWARE — STORED IN THE FREEZER



TRIM AND REAR-WALL CONNECTORS

Every item number.

Every part supplied with the refrigerator is listed here with its material or specification and the quantity in the box, keyed to the hardware and trim drawings on the previous page. Mounting hardware ships inside the freezer compartment.

PARTS LIST — ITEMS 1 TO 13

ITEM	PART	MATERIAL / SPEC	QTY
1	Furniture door preparation template	Plastic	1
2	Anti-tip bracket	T4.0, Zn-coating	2
3	Dowel	—	8
4	Anti-tip bracket screws	M8 × L60	8
5	Position adjustment jig	PS	1
6	90° limiting pins	Stainless	1
7	Freezer furniture door adjustment washer	ABS	9
8	Screw, freezer door hanger bracket	ST5 × 16 crossed flat head tapping	3
8-1	Shim	M5 × 12 × 1.2	3
9	Freezer door hanger bracket	T1.0, Cr+Zn coating	3
10	Screw, freezer furniture door hanger bracket	ST4 × 14 countersunk head	18
11	Screw, cabinet connecting bracket	M4 × 12 crossed flat head tapping	16
12	Cabinet-to-case connecting bracket	T1.0 steel	8
13	Screw, cabin connecting bracket	M4 × 12 truss washer head	16

PARTS LIST — ITEMS 14 TO 22 AND TRIM

ITEM	PART	MATERIAL / SPEC	QTY
14	Cover, furniture door bracket	ABS	—
15	Screw, door fixing bracket	—	—
16	Door-to-door furniture connecting bracket	—	—
17	Screw, furniture door	—	—
18	Screw, furniture door hanger bracket	—	—
19	May not be included depending on model	—	—
20	May not be included depending on model	—	—
21	May not be included depending on model	—	—
22	Screws and fixing irons — fridge door panel side · may not be included depending on model	—	4 screws · 2 irons
T1	Trim — fridge furniture side	PVC extrusion L=617, L=1,259	4
T2	Trim — fridge door side	PVC extrusion L=1136	2
T3	Trim — freezer door side	PVC extrusion L=556	2
T4	Trim — furniture top	PVC extrusion L=762, L=914	1
T5	Cover — freezer door top	ABS	1

QUANTITIES PER BRACKET-DIMENSION SHEET · T-ITEMS ARE THE TRIM AND REAR-WALL CONNECTORS

Which set applies.

The installation pages call out parts by item number, and two separate sets are in use — one for a single install, one for the dual-case kit. Check the number against the set for the job in hand before reaching for a part; the full parts list with specifications and quantities is on the previous page.

SINGLE INSTALL

ITEM	PART	WHERE IT IS USED
T1	Trim — fridge furniture side	Clips to the cabinet-to-case bracket
T4	Trim — furniture top	Clips to the same bracket
5	Position adjustment jig	Sets $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ " door thickness
8	Freezer door hanger bracket screws (3)	Freezer panel to hanger bracket
8-1	Shims (3)	Fitted with the item 8 screws
11	Bracket screws	Cabinet-to-case brackets to the cabinetry
12	Cabinet-to-case connecting brackets	Two at the top, three each side
13	Case screws (16)	Brackets to the case
14	Cover — furniture door bracket	Clips over the freezer bracket
15	Screw — door side (1)	Door-to-door bracket, fridge door
16	Door-to-door bracket	Joins fridge door to the panel
17	Screws — furniture door (2)	Door-to-door bracket, panel side
2, 3, 6, 7, 9, 10	Callouts on the single-install illustrations with no part in this set	Not used for these sizes — these numbers belong to the OEM bracket set in the parts list on page 7, not to the single-install set. Verify against the drawing set.

DUAL-CASE KIT

ITEM	PART	WHERE IT IS USED
1	Insulation sponge, T3.0 × 400 × 1750	Between the two cases
2	Connecting brackets	Joins the two cases
4	Fasteners	Used with item 2

The opening.

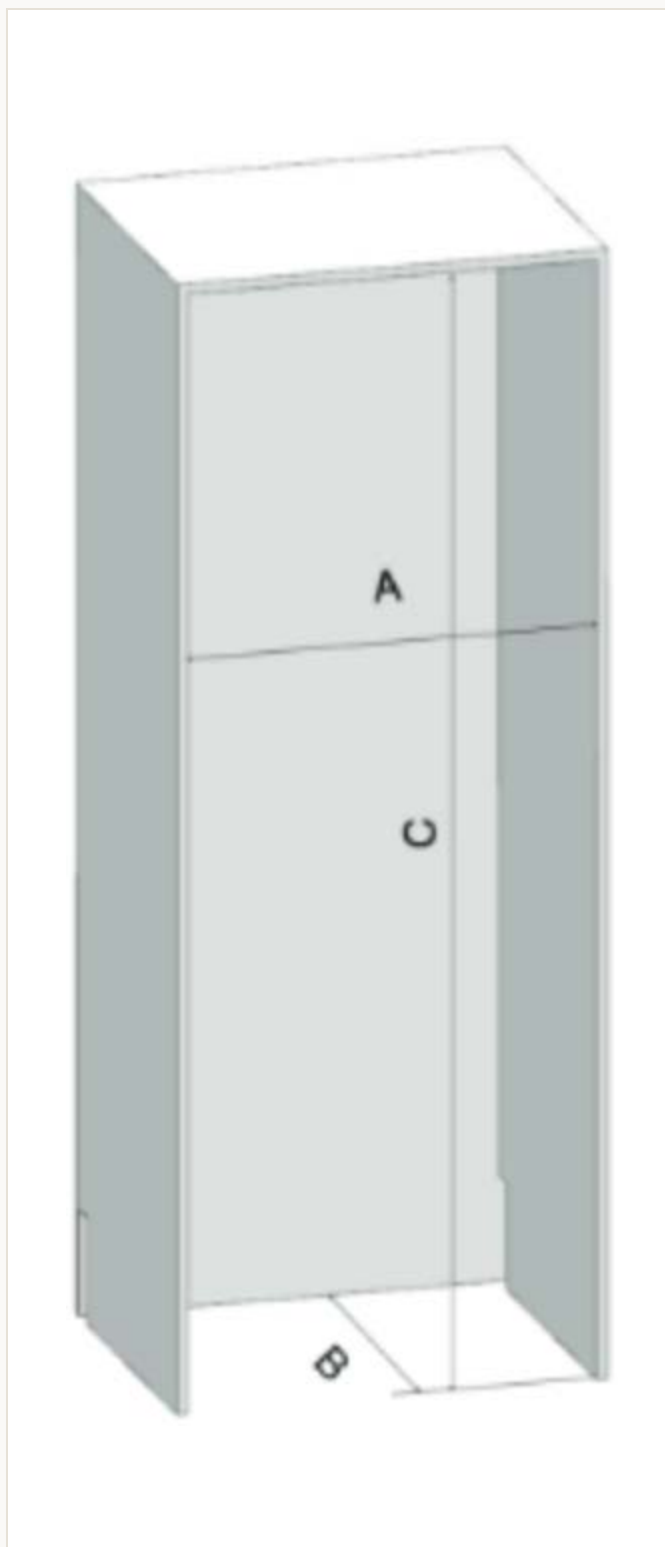
Cabinet opening dimensions must be checked before starting the installation. The opening must be square and plumb, with flat side walls at least 5/8" (16 mm) thick.

CUTOUT DIMENSIONS — SINGLE INSTALL

	30" BUILT-IN	36" BUILT-IN
A · Width	30" (762 mm)	36" (914 mm)
B · Depth	25" (635 mm)	25" (635 mm)
C · Height	84" (2134 mm)	84" (2134 mm)

CHECK BEFORE FRAMING

Measure the opening at top, middle and bottom. The published cutout leaves no minimal working margin.



CABINET OPENING — WIDTH A, DEPTH B, HEIGHT C

Rough-in locations.

ELECTRICAL LOCATION

Locate the wiring within the range shown. A qualified electrician must ensure proper wiring and grounding.

ELECTRICAL ROUGH-IN

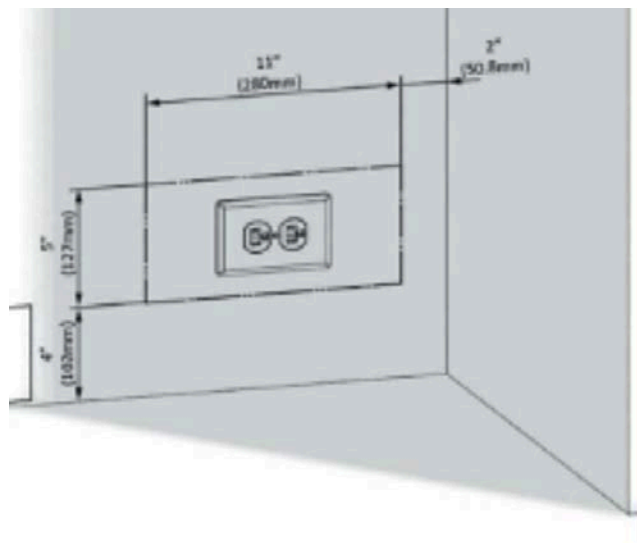
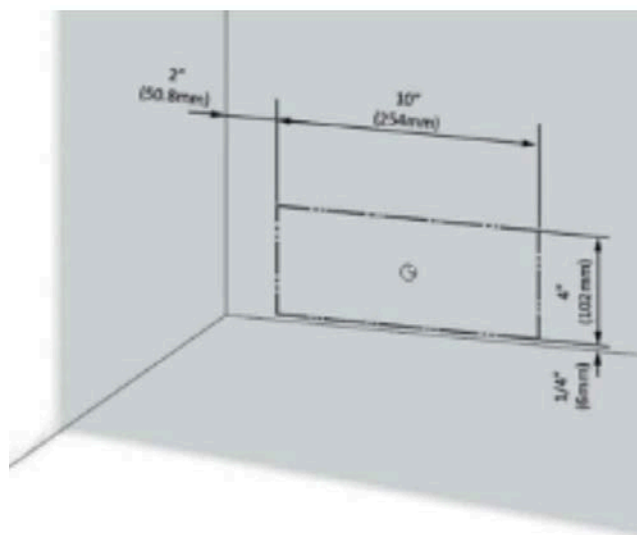
From side wall	2" (50.8 mm)
Horizontal range	11" (280 mm)
Height above floor	4" (102 mm)
Outlet band height	5" (127 mm)

WATER ROUGH-IN

From side wall	2" (50.8 mm)
Horizontal range	10" (254 mm)
Height above floor	4" (102 mm)
Line penetration	1/4" (6 mm)

FLATNESS

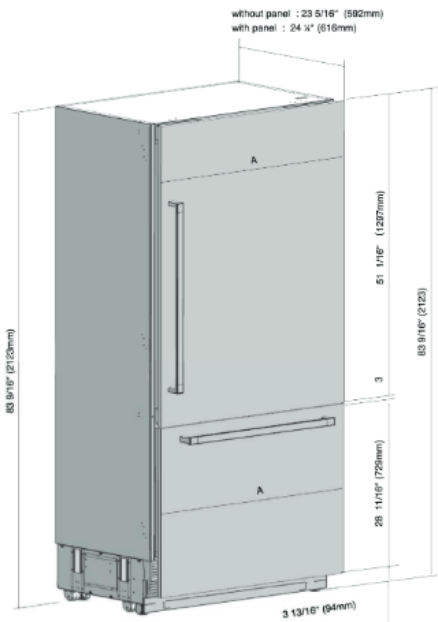
Check the flatness of the floor and the uprightness of the furniture flanges with a bubble level tool before the case is moved into place.



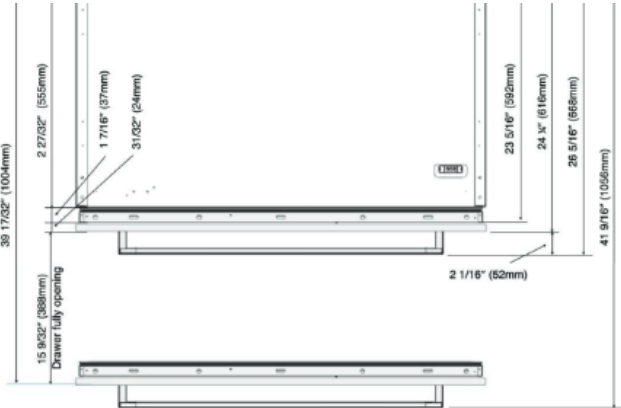
ELECTRICAL AND WATER LOCATIONS — SINGLE OPENING

Case and **drawer**.

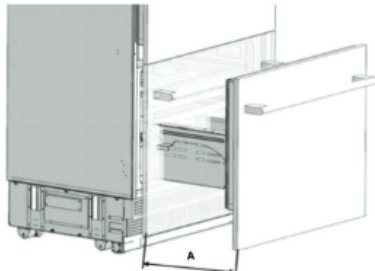
Category	30in Built In	36in Built In
A	29 3/4" (756mm)	35 3/4" (908mm)



CASE — FRONT AND SIDE, 30" / 36"



Category	30in Built In	36in Built In
A	15 9/32" (388mm)	15 9/32" (388mm)



FREEZER DRAWER — FULLY OPEN

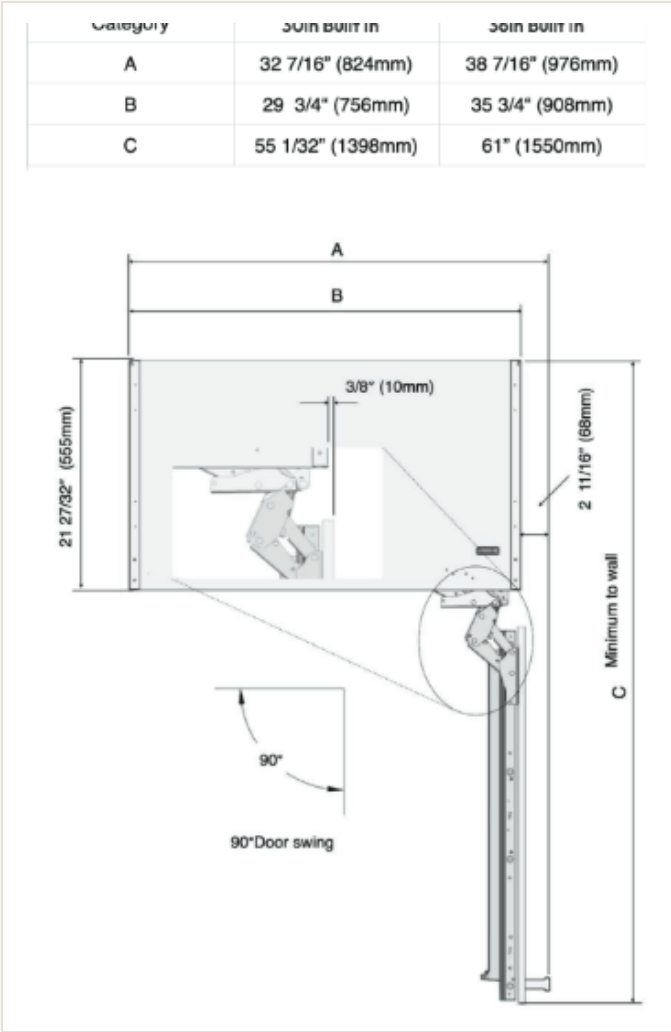
CATEGORY

30" BUILT-IN

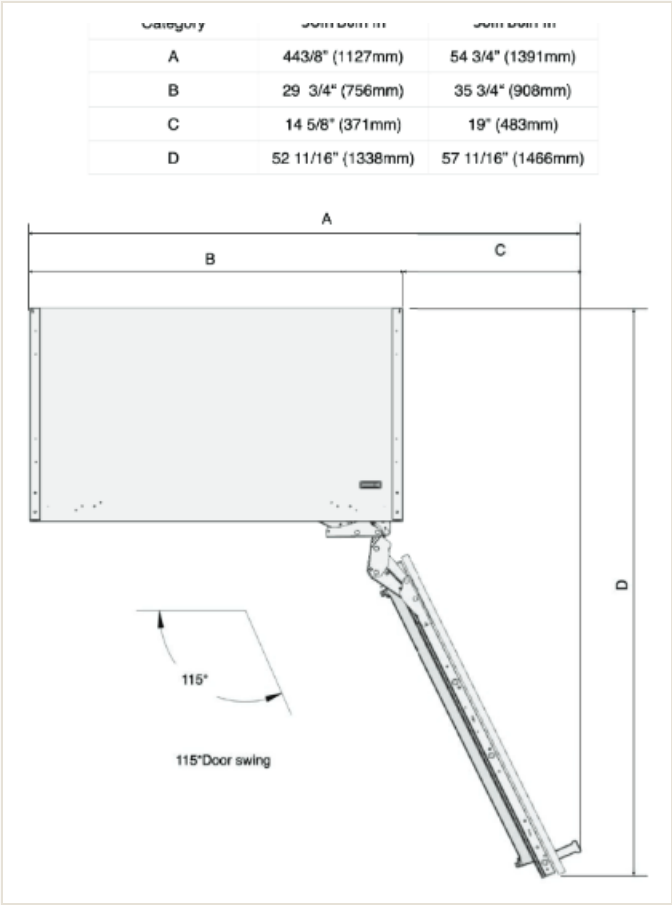
36" BUILT-IN

Width	29 3/4" (756 mm)	35 3/4" (908 mm)
Depth without panel	23 5/16" (592 mm)	23 5/16" (592 mm)
Depth with panel	24 1/4" (616 mm)	24 1/4" (616 mm)
Overall height	83 9/16" (2123 mm)	83 9/16" (2123 mm)
Refrigerator door height	51 1/16" (1297 mm)	51 1/16" (1297 mm)
Freezer drawer height	28 11/16" (729 mm)	28 11/16" (729 mm)
Drawer fully open	15 9/32" (388 mm)	15 9/32" (388 mm)

Room to open.



90° DOOR SWING



115° DOOR SWING

90° SWING

	30"	36"
A · Door width open	32 7/16"	38 7/16"
B · Case width	29 3/4"	35 3/4"
C · Minimum to wall	55 1/32"	61"

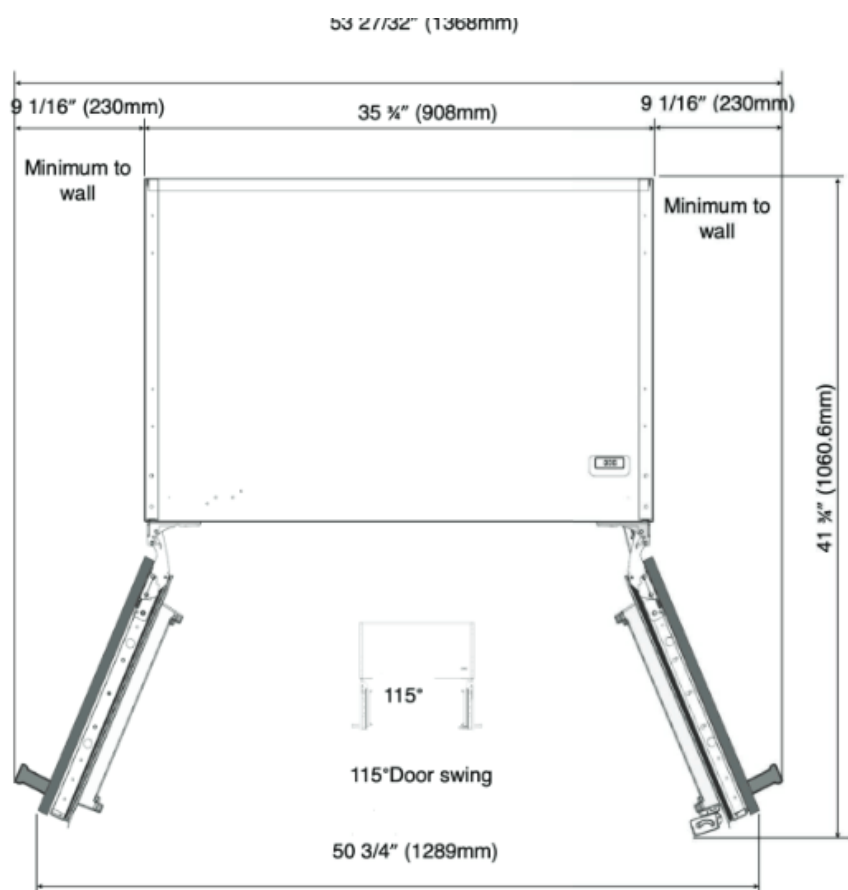
115° SWING

	30"	36"
A · Total	44 3/8"	54 3/4"
C · Beyond case	14 5/8"	19"
D · Minimum to wall	52 11/16"	57 11/16"

Clearance to the wall.

DOOR THICKNESS LIMITS SWING

A door thicker than 1½" (38 mm) must not open more than 90° — fit the 90° limiting pin to the upper and lower hinge.



MINIMUM TO WALL — 36"

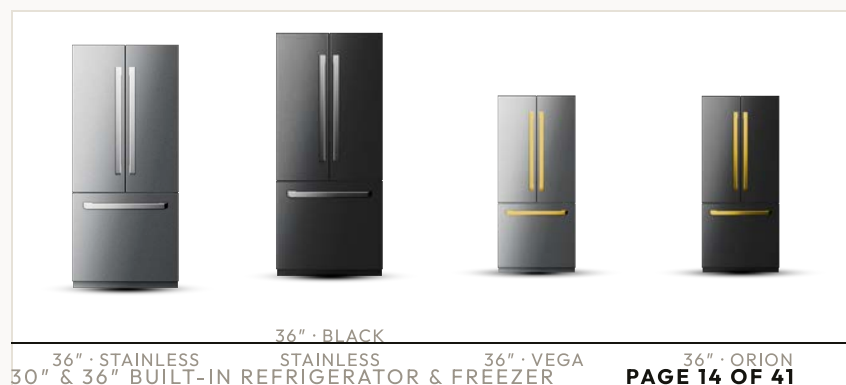
Two widths, one **platform**.

DIMENSIONS

	30" SINGLE DOOR	36" FRENCH DOOR
Case width	29 $\frac{3}{4}$ "	35 $\frac{3}{4}$ "
Case depth	23-5/16"	23-5/16"
Case depth with panel	24 $\frac{1}{4}$ "	24 $\frac{1}{4}$ "
Case height	83-9/16"	83-9/16"
Cabinet opening W × D × H	30 × 25 × 84"	36 × 25 × 84"
Panel width	29 $\frac{3}{4}$ " (756 mm)	35 $\frac{3}{4}$ " (908 mm)
Product weight	352 lb	432 lb
Total capacity	—	21.3 cu ft
Refrigerator compartment	11.5 cu ft	—
Freezer compartment	4.5 cu ft	—
Height range on feet	83-9/16" – 85 $\frac{3}{8}$ "	83-9/16" – 85 $\frac{3}{8}$ "

FINISHES

	30" SINGLE DOOR	36" FRENCH DOOR
Panel Ready — takes a custom door panel	RF-30-PR	RF-36-PR
Stainless Steel	RF-30-SS	RF-36-SS
Signature Black Stainless	RF-30-BS	RF-36-BS
Vega — gold on stainless	RF-30-SS-VEGA	RF-36-SS-VEGA
Orion — gold on black stainless	RF-30-BS-ORION	RF-36-BS-ORION



WHERE IT SITS

One platform, two widths.

Both widths put refrigerator and freezer in a single case: 30" with one full-height refrigerator door over the freezer drawer, 36" with a French door pair. Choose 30" where the run is tight or a pair of columns is more than the space allows.

Building the opening.

INSTALLATION SEQUENCE

- A** Measure the opening at top, middle and bottom. The 30" opening leaves only 1/8" per side against the 29 3/4" case, so a bowed stile will stop it.
- B** Rough in water and power to the install drawing, clear of the compressor bay, and leave a service loop.
- C** Remove the door and vent covers for the move; refit only after the case is set and level.
- D** Set height on the adjustable feet, level side to side, then fit the anti-tip brackets.
- E** Hang the door, attach trim, then adjust the hinge to the cabinet reveal.
- F** Pressure-test the water connection before the case is pushed fully home.

ROUGH-IN

Electrical rating & plug	120 V · 15 A · NEMA 5-15P
Water line	Required — ice & dispenser
Anti-tip brackets	Mandatory
Floor loading, unloaded case	352 lb
Custom panel weight limit	35.7 lb fridge · 19.8 lb freezer

PRE-INSTALL CHECKLIST

- Opening square, plumb and a full 25" deep
- Water shut-off reachable after the case is set
- Anti-tip fixing substrate solid
- Path from door to opening clear for a 352 lb case
- Door and vent covers packed for refit

ATTENTION INSTALLER

Confirm the model and serial number on the rating plate inside the case before final sign-off, and record them on the reference page.

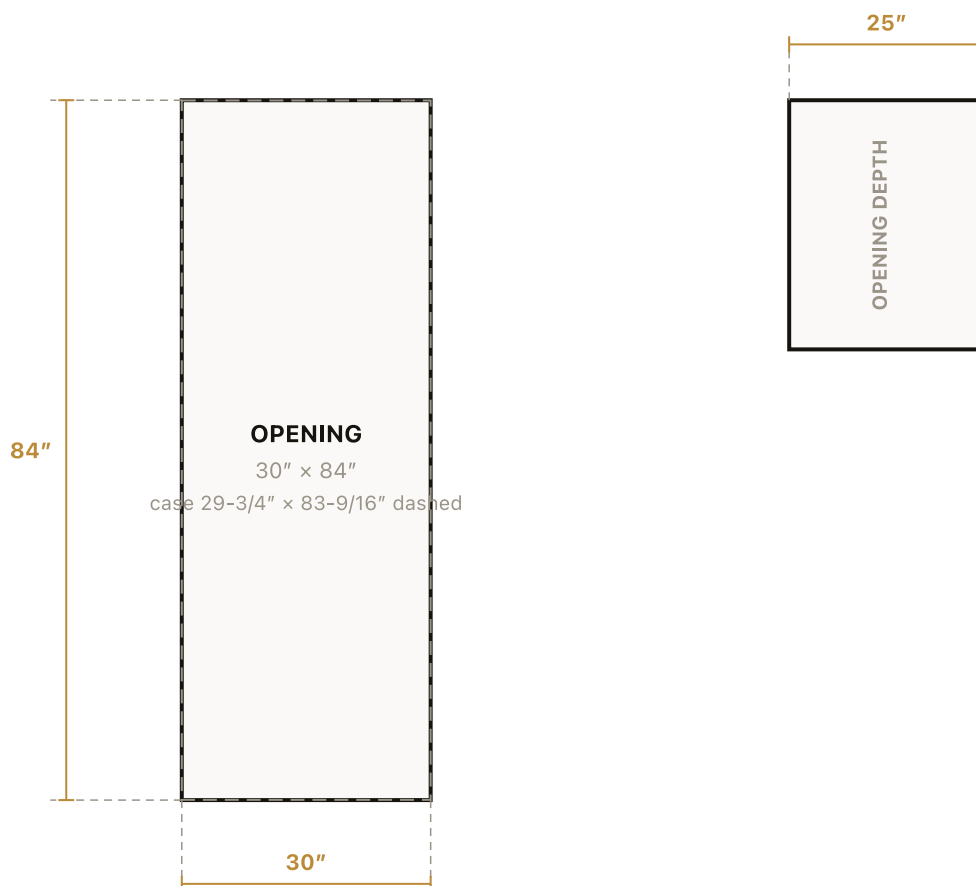
RF-30 — 30" Single Door

FRONT ELEVATION — CABINET OPENING

PLAN — DEPTH

30" Built-In Refrigerator & Freezer — RF-30

Built-in, flush · 120V · 15A · NEMA 5-15P · R600a



Cabinet opening 30" W x 25" D x 84" H. Case is 29-3/4" wide x 83-9/16" high — frame to the opening figures above, never to the case.

Case depth 23-5/16" (24-1/4" with panel) in a 25" deep opening. Water line required for ice and dispenser.

Product weight 352 lb. Water line required. Anti-tip brackets mandatory.

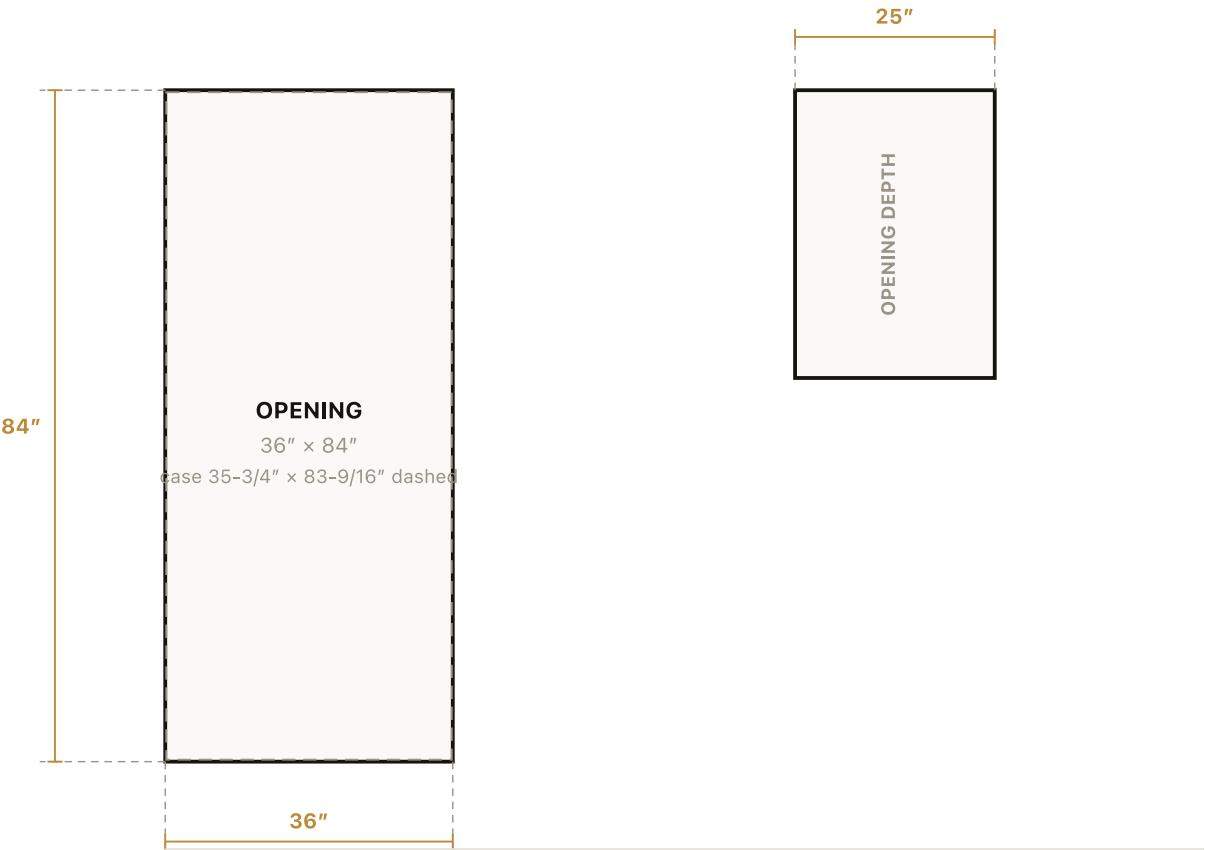
INDUCTION HARDWARE · DIMENSIONS IN INCHES · VERIFY ON SITE BEFORE CUTTING

RF-36 — 36" French Door

FRONT ELEVATION — CABINET OPENING PLAN — DEPTH

36" French Door Built-In Refrigerator — RF-FD-36

Built-in, flush · 115V · 15A · NEMA 5-15P · R600a · 21.3 cu ft



Case depth 23-5/8" in a 25" deep opening. Water line required for ice and dispenser.
Refrigerator doors and freezer drawer take DIFFERENT custom panel dimensions — never cut both from one template.
Product weight 432 lb. Anti-tip brackets mandatory. Panel weight limit not published (TBD-73).

INDUCTION HARDWARE · DIMENSIONS IN INCHES · VERIFY ON SITE BEFORE CUTTING

Out of the crate.

UNPACKING

- 1** At least two people must carry the refrigerator. Use a dolly or cart.
- 2** Use a box cutter to remove the tape.
- 3** Cut the packing board along the dotted line shown and remove it.
- 4** Remove the polystyrene packing material.
- 5** Leave the pallet brackets in place until the unit is at the opening.

ATTENTION

Do not remove the tape holding the upper door until the refrigerator is placed into the opening — there is a serious risk of the unit tipping over.

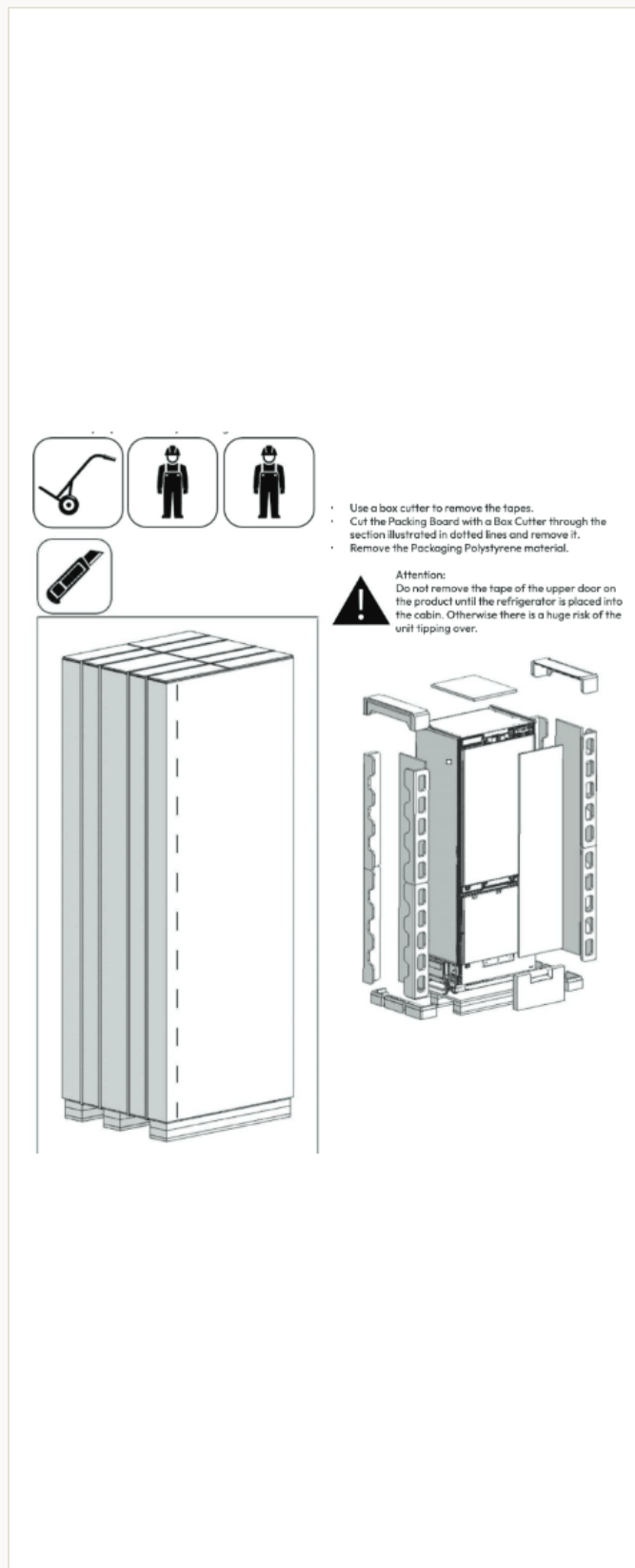
BEFORE THE UNIT MOVES

Path from the door to the opening is clear for a 352 lb case.

Rough-in water and power are complete and reachable.

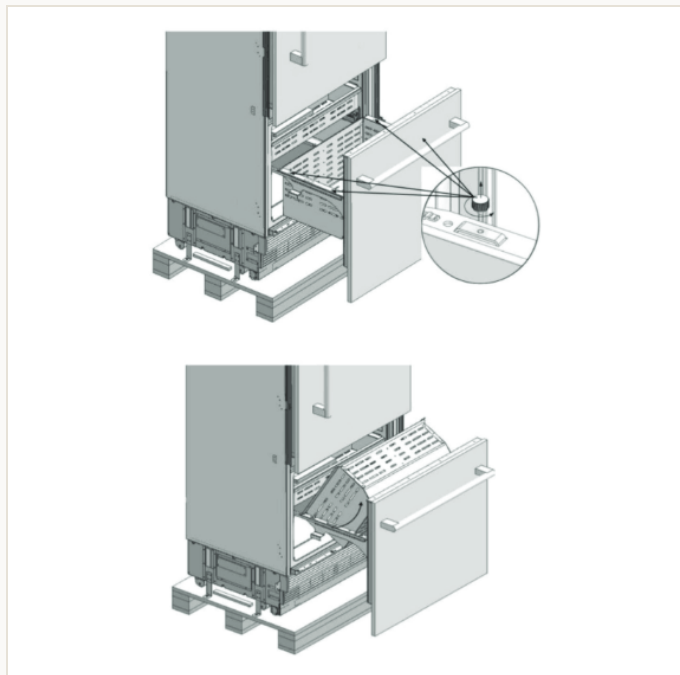
Anti-tip fixings are marked and drilled — see page 20.

Freezer door and vent covers can be removed and stored safely.



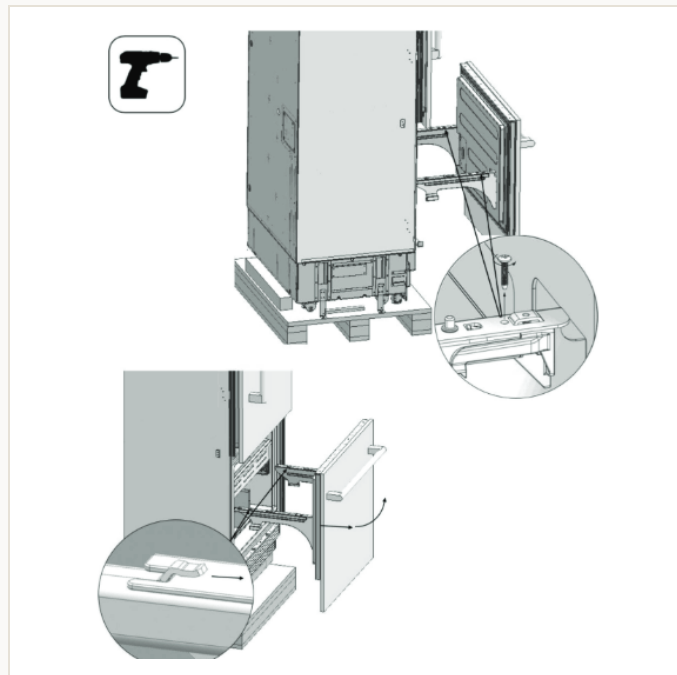
PACKAGING — CUT LINES AND POLYSTYRENE

Lighten the case.



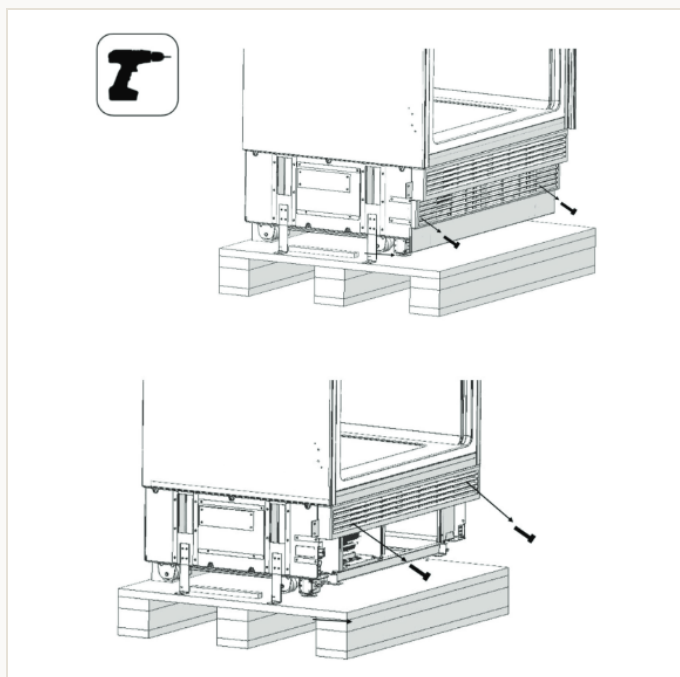
1 • FREEZER CRISPER — 4 KNURLED SCREWS

Freezer crisper. Remove the four knurled screws by hand. With the knurled screws taken out, the lower crisper lifts clear and can be removed as shown.



2 • FREEZER DOOR — 2 FRONT SCREWS

Freezer door. Remove the two screws near the front that connect the door to the rail, then pull the door forward to free it from the tabs at the back.



3 • UPPER AND LOWER VENT COVERS

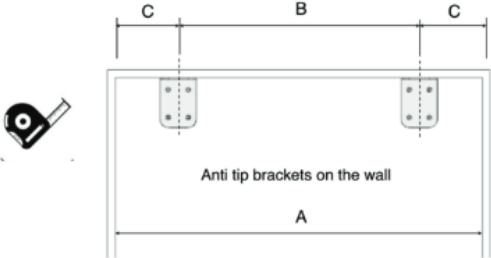
Vent covers. Remove two screws to take out the lower vent cover assembly, then remove the two screws that take out the upper vent cover (Upper Vent Hole Part). Keep all parts for refit.

Anti-tip is **mandatory**.



is no electrical wires or water lines in the wall where the screws will be tightened and connections will be established.

Mark the wall for Anti-Tip Brackets, referencing the diagram below, according to the refrigerator you're installing.

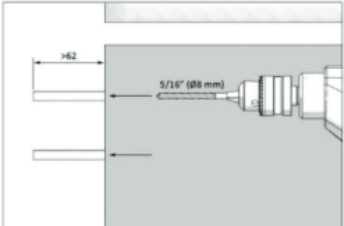


Anti tip brackets on the wall

Category	30in Built In	36in Built In
A	30" (762mm)	36" (914mm)
B	23 5/8" (600mm)	23 5/8" (600mm)
C	3 3/16" (81mm)	6 3/16" (157mm)

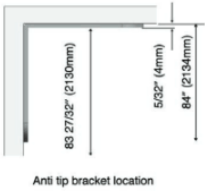


Use a drill to create holes for dowels (Item No.3) at the marked points. (5/16" - Ø8)

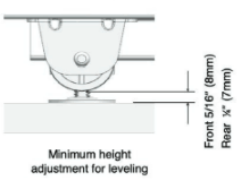


MARKING THE WALL — A, B, C

	30"	36"
A • Opening width	30"	36"
B • Between brackets	23 5/8"	23 5/8"
C • From each side	3 3/16"	6 3/16"
Bracket height	83 27/32"	83 27/32"

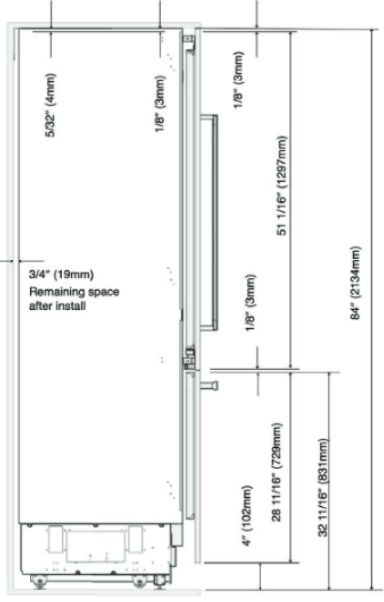


Anti tip bracket location



Minimum height adjustment for leveling

Front 5 5/16" (8mm)
Rear 1/8" (3mm)



BRACKET HEIGHT, GIRDER METHOD AND LEVELING

Mark the wall, then drill for the dowels with a 5/16" (Ø8) bit and seat them with a hammer. Fit both anti-tip brackets using four screws each — both brackets must be used.

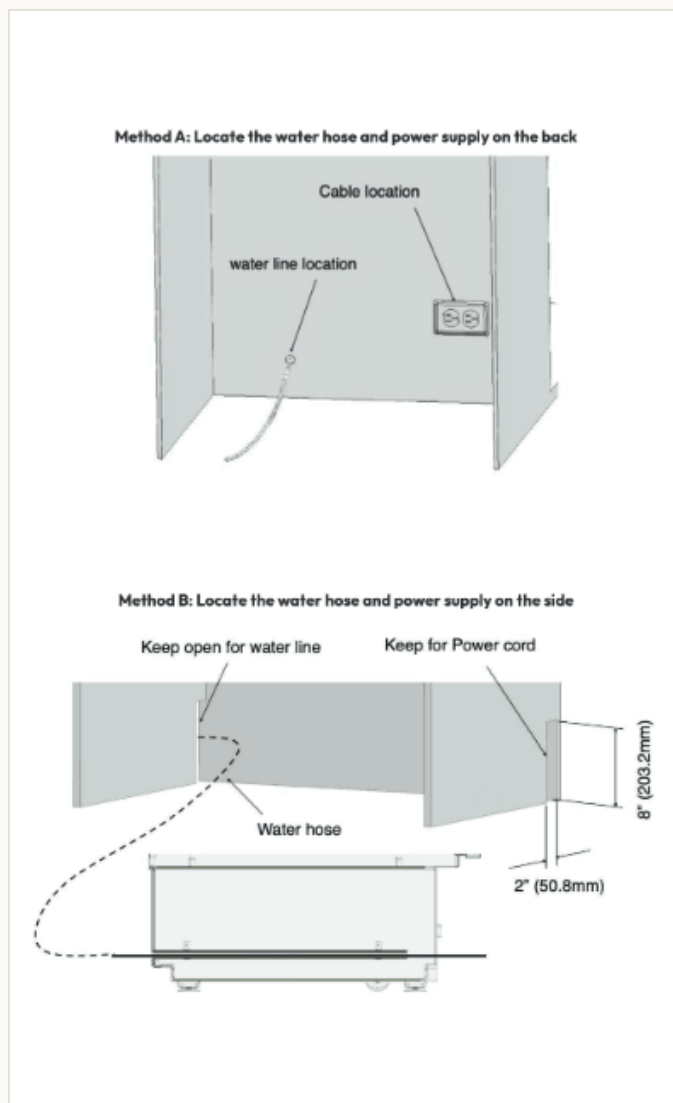
ALTERNATE METHOD

Where brackets cannot be fixed securely, use a wooden girder of at least 3" x 4" (75 x 100 mm) across the rear wall, with no clearance between the product and the girder and a maximum 2" (50.8 mm) contact face.

WARNING

Make sure there are no electrical wires or water lines in the wall where the screws will be tightened.

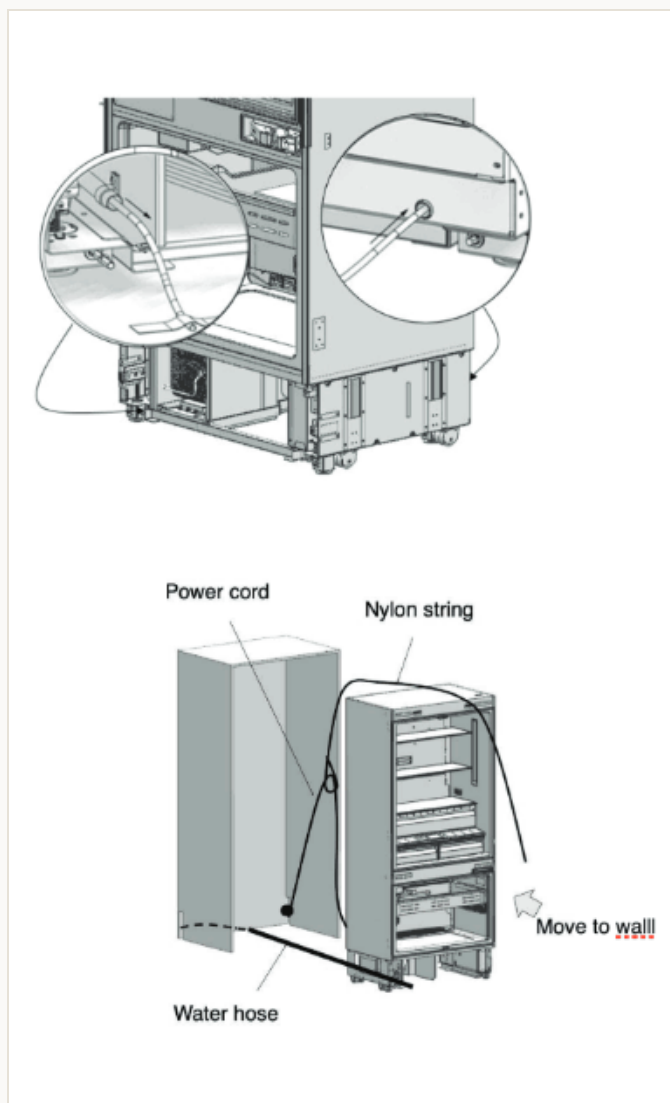
Into the opening.



METHOD A — REAR • METHOD B — SIDE

PREPPING THE LINE AND PLUG

You need a hose of at least 60" (1.5 m) with a ¼" diameter and a ¼" external-thread connector. Choose method A — hose and supply at the back — or method B — hose and supply at the side, 8" (203 mm) up and 2" (51 mm) in — to keep the cable from jamming. The plug must remain accessible after installation; if it cannot be, power must be cut at the main switch. Check that the mains cable is not jammed as the product is placed.

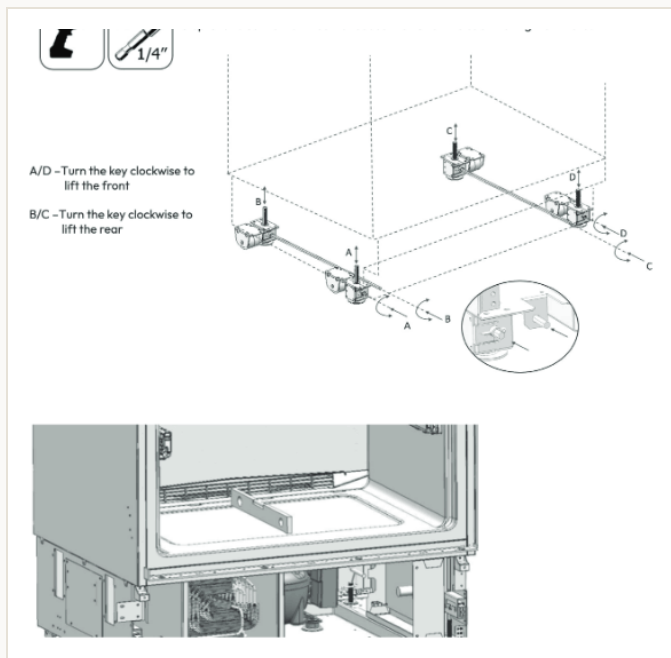


NYLON STRING LIFTS THE CORD CLEAR OF THE WHEELS

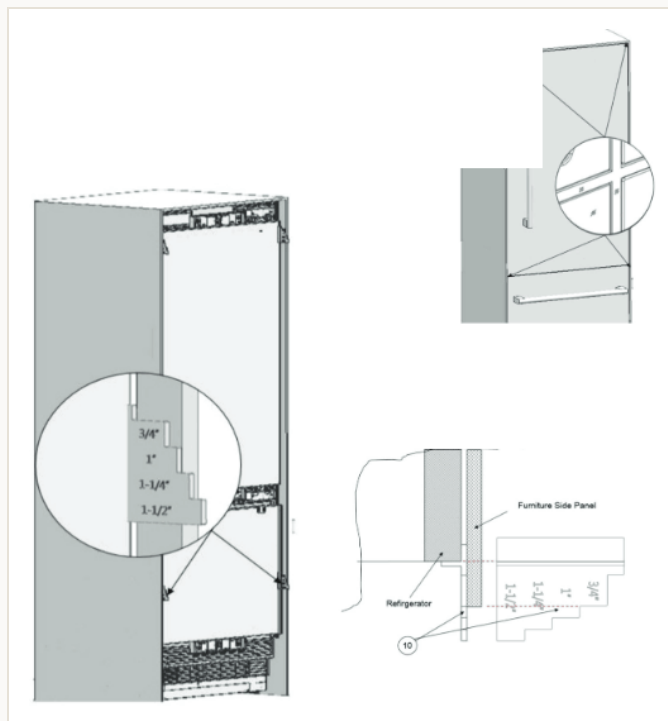
PLACING THE FRIDGE

- 1** Remove the pallet brackets — the case is tall and top-heavy once released.
- 2** Insert the mains water hose into the duct at the back and bring it out at the front.
- 3** Tie a nylon string near the center of the power cord and hold it taut so the cord rides above the wheels.
- 4** Attach the freezer door temporarily and align the product using its upper edge.
- 5** Push the case in carefully. Strain means a rough or uneven floor, or loose adjustable feet — see the leveling page. Align the upper edge of the freezer door to the furniture; all other edges are adjusted on the following pages.

Set the height.



FOUR ADJUSTABLE FEET — A/D FRONT, B/C REAR



POSITION ADJUSTMENT JIG — 4 DOOR THICKNESSES

Leveling. Raise the front feet first to reduce the risk of the case tipping forward. Turn each key clockwise to lift. Maximum travel is 1 9/16" (40 mm), giving a product height of 85 3/8" (2169 mm). Check flatness in both width and depth.

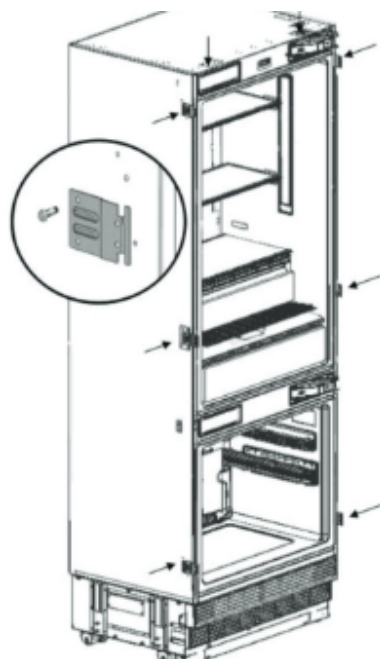
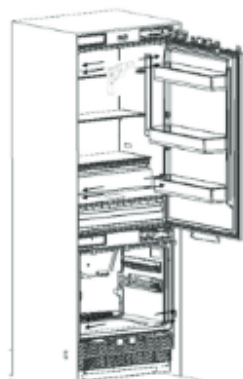
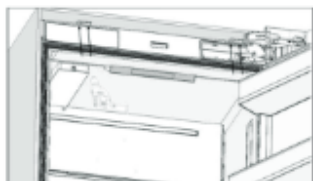
Flange alignment. For clad doors, set the case so the door and furniture surface finish flush; use the position adjustment jig (item 5), which sets 3/4", 1", 1 1/4" and 1 1/2" door thicknesses. For products without furniture doors, position the case using the same adjustment part. Always align the upper edge of the freezer door first — every other edge can then be brought in with the adjustment mechanisms.

Bracket it to the cabinet.

Securing. Fix the cabinet-to-case connecting brackets (item 12) — two at the top and three on each side — with the bracket screws (item 11), then attach them to the case with 16 screws (item 13). A pilot hole makes this easier.

WARNING

Before screwing the side and upper brackets, confirm water is supplied to the product and there is no leak.



CABINET-TO-CASE CONNECTING BRACKETS

Close it up.

WATER CONNECTION

Cut the water hose 10" (250 mm) from the end of the pipe it emerges from. Use two wrenches to firmly join the hose from the mains to the hose from the valve.

WARNING

The hose from the mains must be one piece — do not use extension hoses. Cut power before making the water connection and keep the valve off while connecting. Keep the shut-off accessible after installation. Cold water only, 25–80 psi. Turn the mains valve on and confirm there is no leak.

VENT COVERS

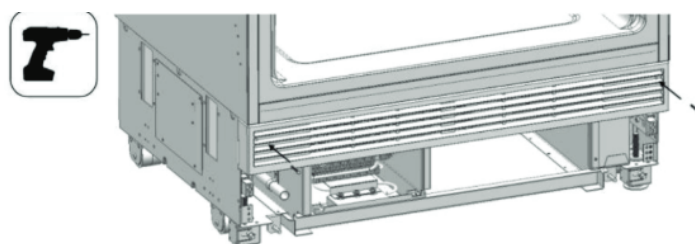
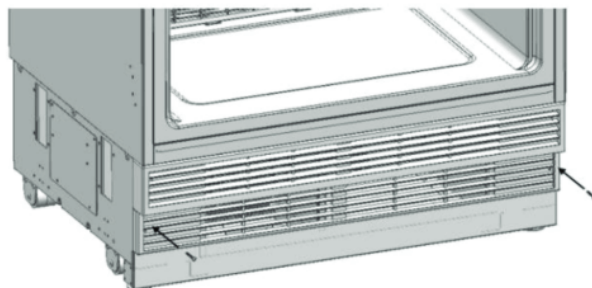
Refit the upper vent cover with two screws, then the lower with two screws. The lower vent can slide 15/16" (23 mm) forward or back to meet the kitchen kick plate — the decorative kick plate must not sit in front of the upper vent opening.

DECORATIVE TRIM

Trim fridge furniture side (item T1) clips onto the cabinet-to-case connecting bracket.

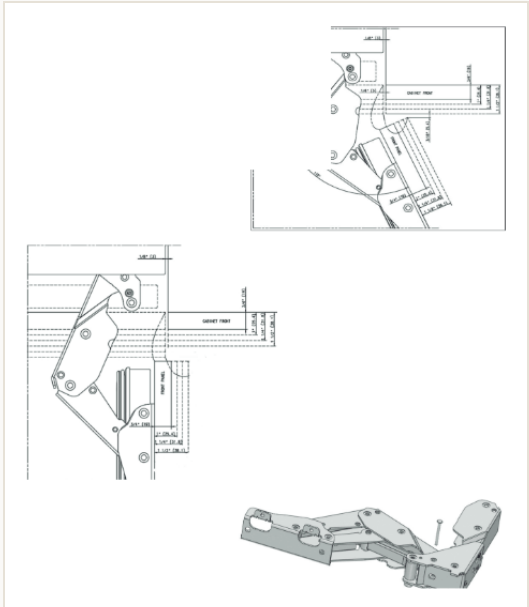
Trim furniture top (item T4) clips onto the same bracket.

Keep all trim and covers if the door direction may later be changed.

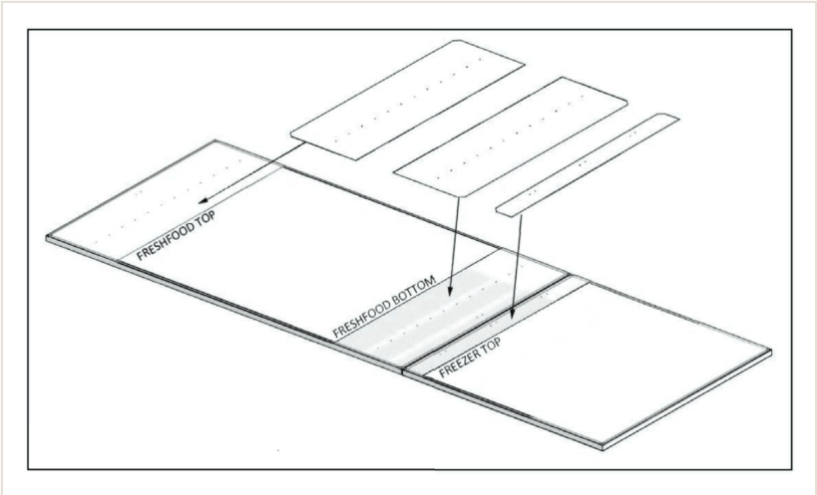


UPPER AND LOWER VENT COVERS REFITTED

Preparing the **panel**.



HINGE GEOMETRY VS. PANEL THICKNESS



FURNITURE DOOR PREPARATION TEMPLATE

CHOOSING PANEL THICKNESS

The refrigerator door can open to 115° maximum. To use that full swing, keep the panel within the thickness levels listed here. If the panel is thicker than 1½" (38 mm), the door must not open beyond 90° — fit the 90° limiting pin (item 6) on the hinge. You can also limit any door to 90° by choice; the hinge page covers fitting the pin. Prepare the panel with the furniture door preparation template (item 1) supplied with the product. Handle connection holes must be set out to suit the handles chosen for the kitchen, and the panel must be at least 5/8" (16 mm) thick.

MAXIMUM PANEL WEIGHT

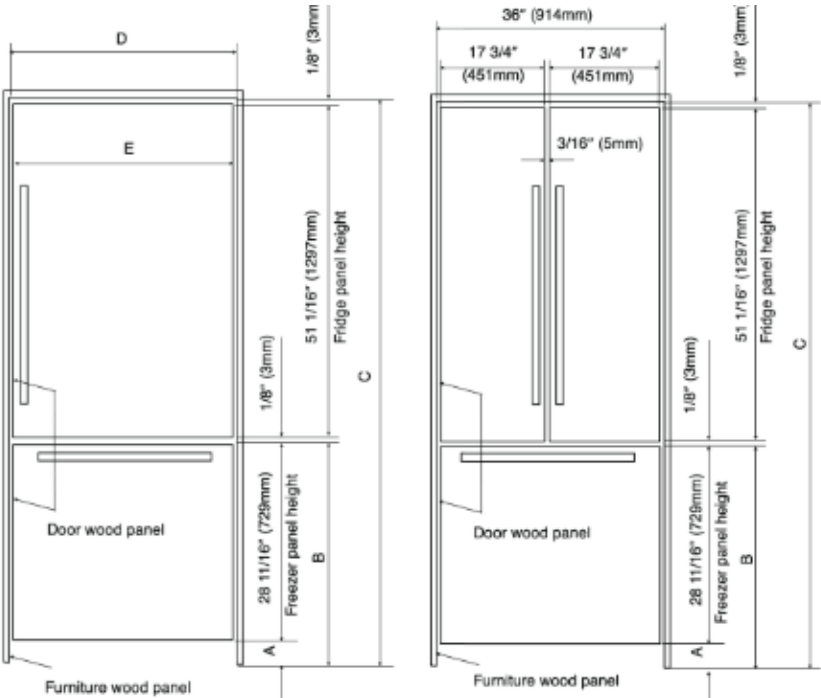
Refrigerator door panel	35.7 lb (16.2 kg)
Freezer door panel	19.8 lb (9 kg)
Minimum panel thickness	5/8" (16 mm)
115° swing, maximum thickness	1½" (38 mm)

Panel heights.

PANEL HEIGHTS

	A TOE	B FREEZER · C TOTAL
Standard	4" (102 mm)	32 11/16" · 84"
Minimum	3 13/16" (97 mm)	32 1/2" · 83 13/16"
Maximum	5 3/8" (137 mm)	34 1/8" · 85 3/8"

Panel widths: 30" opening → 29 3/4" (756 mm) panel;
36" opening → 35 3/4" (908 mm) panel. Reveal gaps
are 1/8" (3 mm), and 3/16" (5 mm) between French
doors.

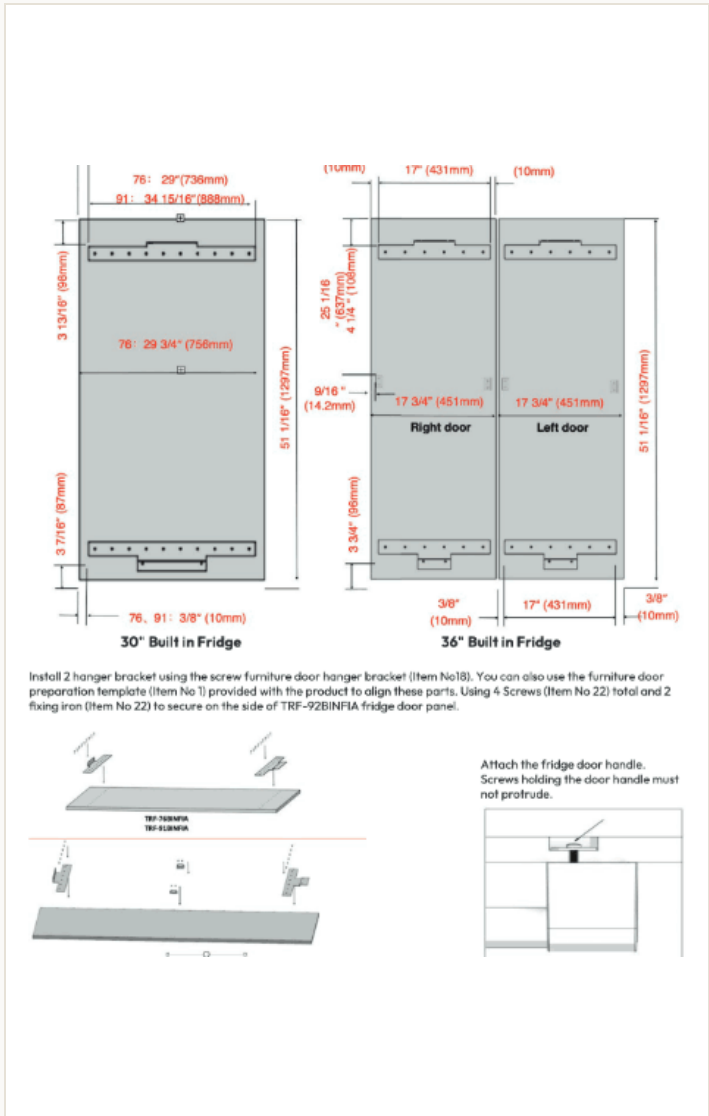


	A	B	C
standard	4" (102mm)	32 11/16" (831mm)	84" (2134mm)
minimum	3 13/16"(97mm)	32 1/2" (826mm)	83 13/16" (2129mm)
maximum	5 3/8" (137mm)	34 1/8" (866mm)	85 3/8" (2169mm)

Category	30in Built In	36in Built In
D	30" (762mm)	36" (914mm)
E	29 3/4" (756mm)	35 3/4" (908mm)

STANDARD, MINIMUM AND MAXIMUM PANEL HEIGHTS

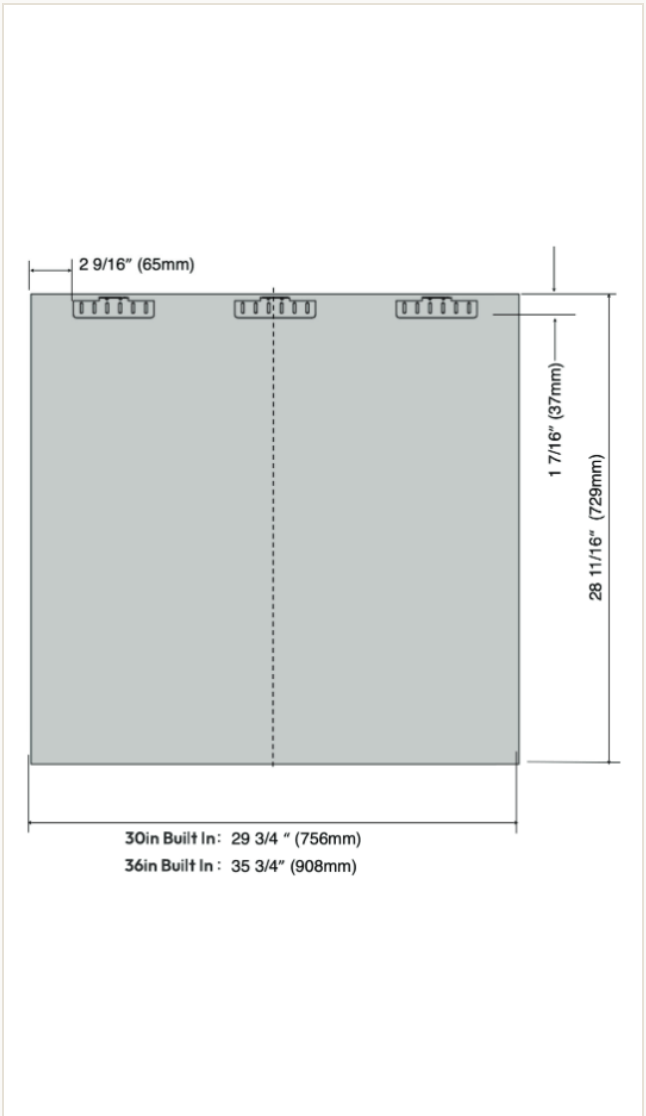
Cradle and bracket positions.



REFRIGERATOR PANEL — 30" SINGLE AND 36" FRENCH DOOR

REFRIGERATOR PANEL

Panel height	51 1/16" (1297 mm)
30" panel width	29 3/4" (756 mm)
36" French door, each leaf	17 3/4" (451 mm)
Upper bracket inset	3 13/16" (98 mm)
Lower bracket inset	3 7/16" (87 mm)



FREEZER PANEL — HANGER BRACKET POSITIONS

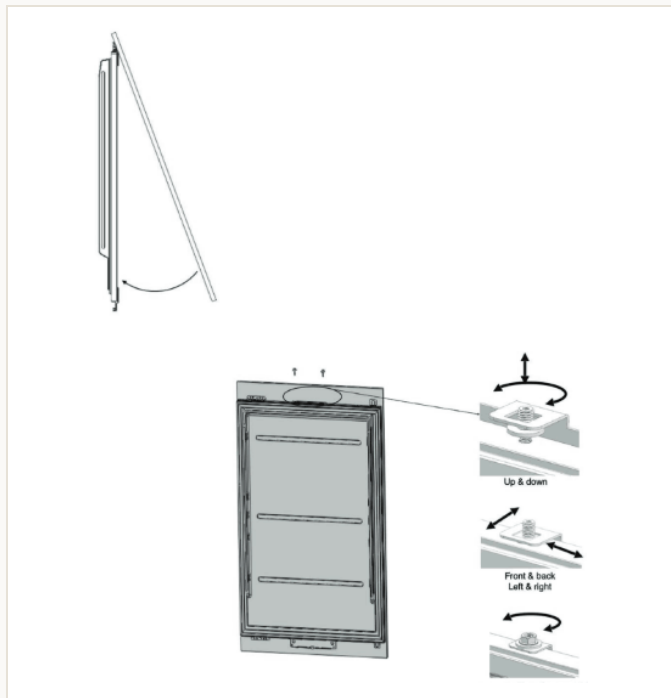
FREEZER PANEL

Panel height	28 11/16" (729 mm)
30" panel width	29 3/4" (756 mm)
36" panel width	35 3/4" (908 mm)
Bracket inset from top	1 7/16" (37 mm)
Bracket inset from side	2 9/16" (65 mm)

NOTE

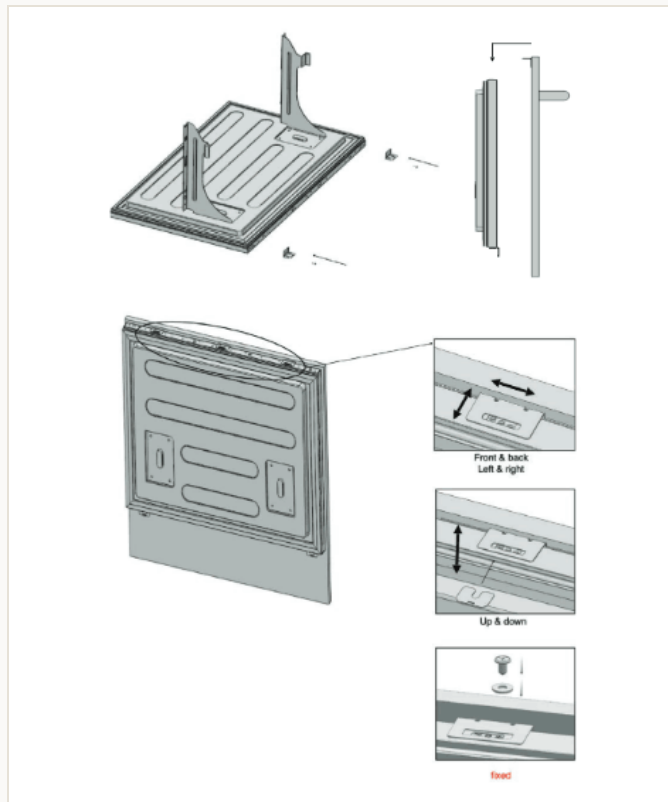
Handle connection holes must be adjusted to the handles used in the kitchen design, and screws holding the handle must not protrude. Keep the furniture door preparation template for future reference.

Hanging and aligning.



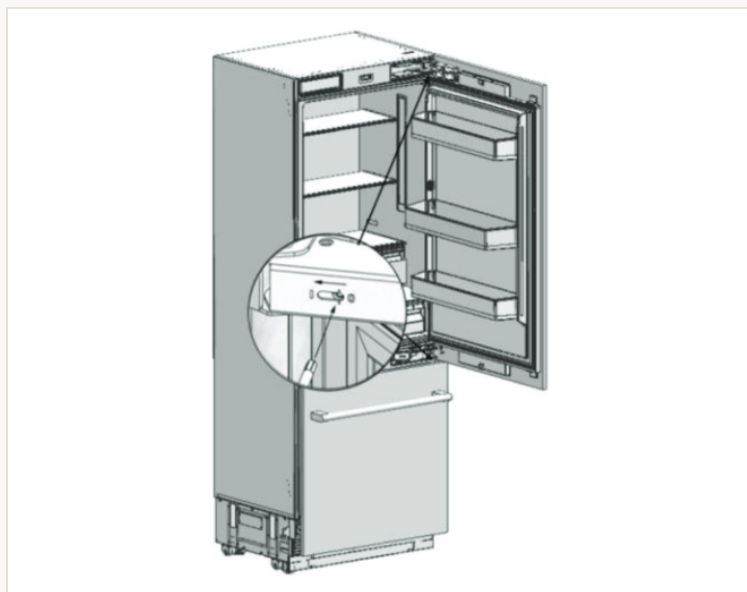
REFRIGERATOR PANEL — 3D ADJUSTMENT BOLTS

Refrigerator door. Attach the furniture door to the fridge door, then use the two fixing bolts to adjust up/down, front/back and left/right until the panel sits flush at a 1/8" (3 mm) reveal. Review the grouped furniture doors against the kitchen furniture first — the 1/8" gap assumes the furniture dimensions are correct, and all door adjustment is made from that distance. Join with the door-to-door bracket (item 16), one screw on the door (item 15) and two on the furniture door (item 17).



FREEZER PANEL — HANGER BRACKETS AND SHIMS

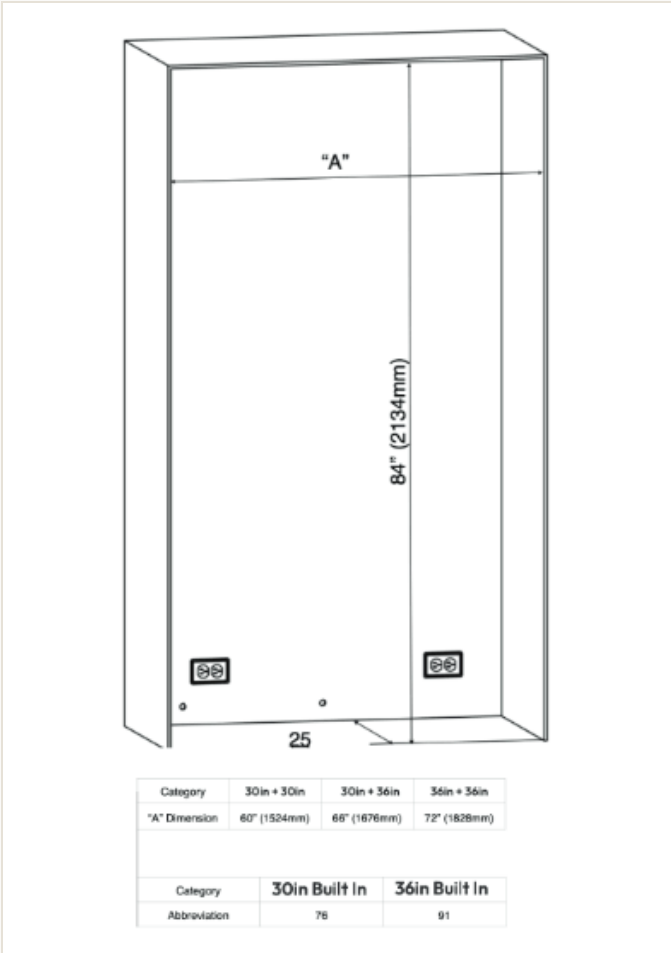
Freezer door. Align the upper part with the freezer door hanger bracket, fixing with three screws (item 8) and three shims (item 8-1). Attach the assembly to the rails with two screws, then clip on the cover furniture door bracket (item 14) and the cover freezing door top (item T5).



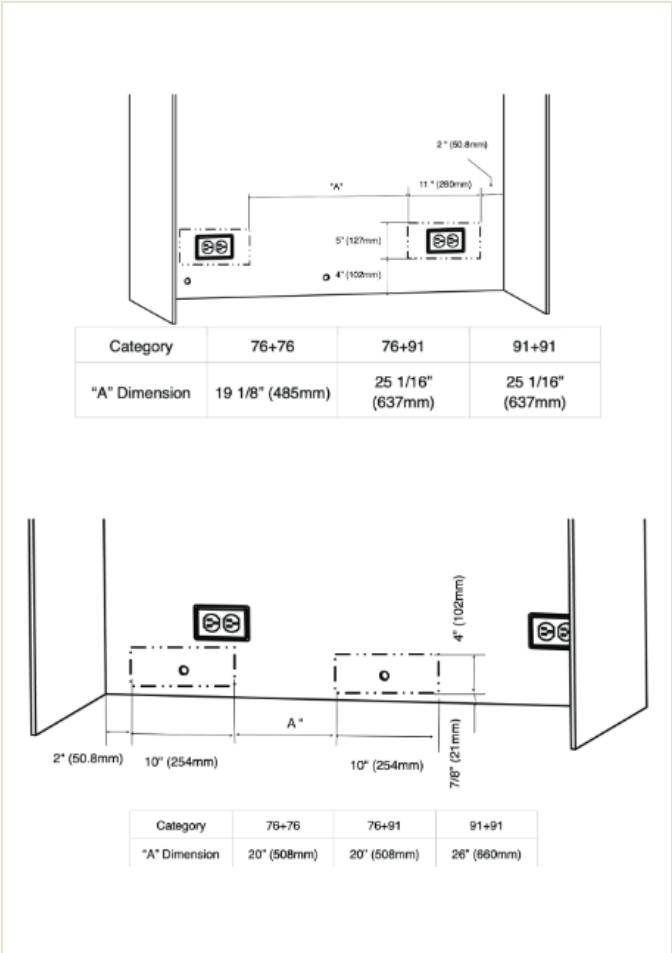
HINGE TENSION — SET "O" TO "I"

Hinge adjustment. With the door fully open, set the upper and lower hinge adjustment screws from position "O" to position "I", only after the door has been adjusted. The magnet on the upper hanger bracket cover is functional — do not confuse it with the lower cover.

Two cases, one run.



DUAL OPENING — WIDTH A, 84" HEIGHT



DUAL ELECTRICAL AND WATER LOCATIONS

DUAL OPENING DIMENSIONS

COMBINATION	OPENING WIDTH A	ELEC. A / WATER A
30" + 30"	60" (1524 mm)	19 1/8" / 20"
30" + 36"	66" (1676 mm)	25 1/16" / 20"
36" + 36"	72" (1828 mm)	25 1/16" / 26"

Opening height 84" (2134 mm) and depth 25" (635 mm) in every combination. On the OEM drawings the 30" built-in case is abbreviated 76 and the 36" case 91.

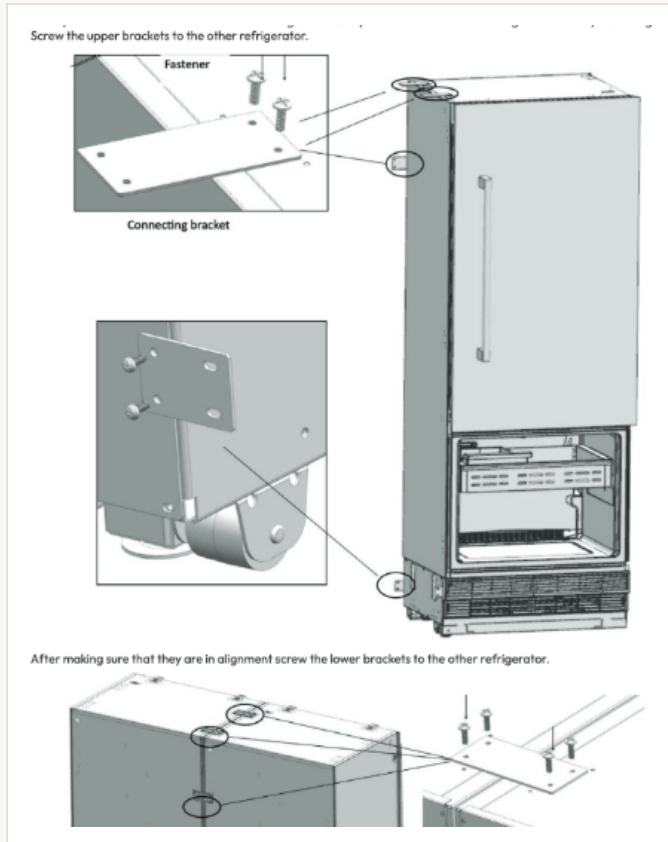
ELECTRICAL

Provide one socket per case at the dimensions above. Confirm each socket is wired correctly and that its grounding is correct before the cases go into the opening.

WATER SUPPLY

The water connected to the mains must be potable, and the water system must sit within the range given above. Connect to the house mains system, with a shut-off the user can reach without moving the appliance. Keep objects that could pierce or twist the hoses clear of where the water line runs. Supply pressure must be 25–80 psi (1.7–5.5 bar); above 80 psi fit a pressure-limiting device or water-impact protector at the inlet. Never install or operate the appliance where pressure can exceed 120 psi.

Joining the two cases.



CONNECTING BRACKET AND FASTENER



DOUBLE CASE, FINISHED

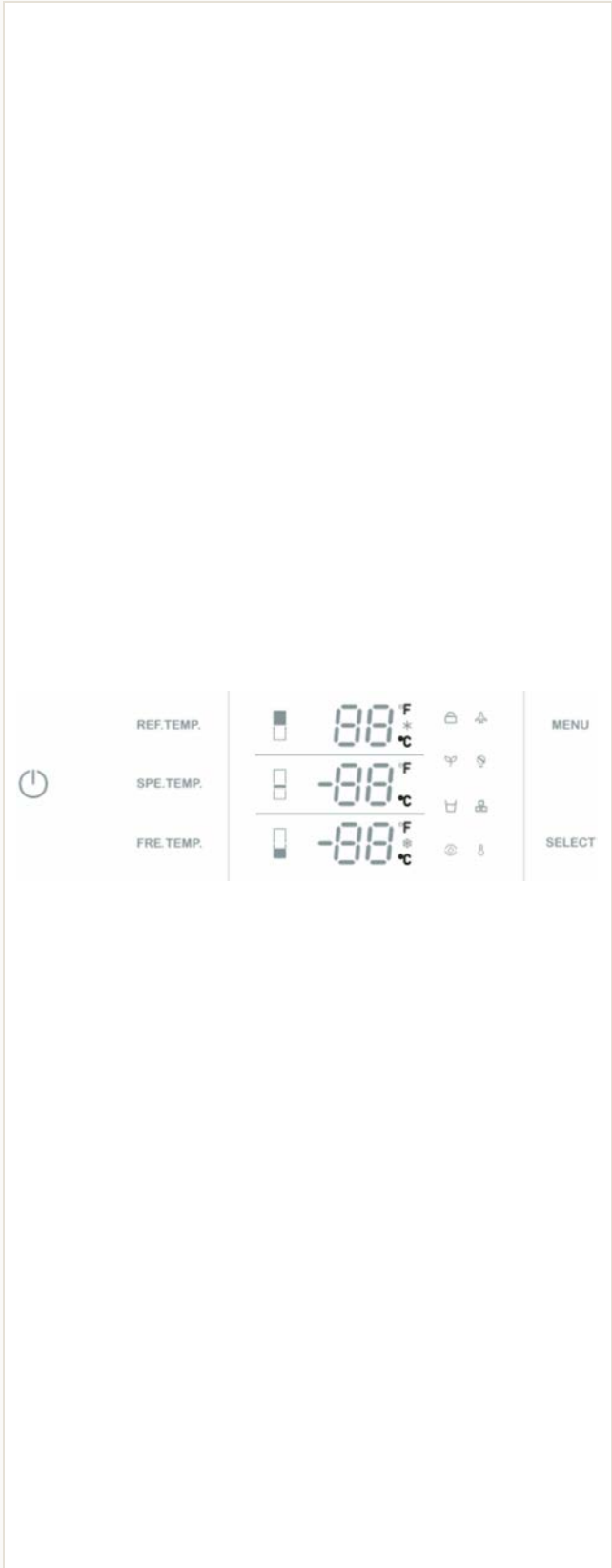
SEQUENCE

- 1** Stick the insulation piece (item 1, T3.0 × 400 × 1750) to the side panel so it sits between the two cases.
- 2** Make the power and water connections of each refrigerator as already described.
- 3** Screw the connecting brackets (item 2) and fasteners (item 4) that join the two cases — uppers first, then lowers, checking alignment each time.
- 4** Level both cases on their adjustable feet, front feet first.
- 5** Fix the cabinet-to-case brackets to the cabinetry — 12 screws on the sides, 4 at the top.

DO NOT INSTALL CASES IN DIRECT CONTACT

Two cases set directly against one another without the insulation sponge will cause condensation and damage.

Setting the temperature.



KEYS AND MODE SYMBOLS

TEMPERATURE ZONES

ZONE	RANGE	RAPID SETTING
Refrigerator	36 to 46°F	Super Cool • 35°F
Flex drawer	30 to 41°F	—
Freezer	5 to -11°F	Super Freeze • -12°F

KEYS

On/Off	Press to start • hold 1.5 s to stop
REF TEMP	Refrigerator zone
SPE TEMP	Flex drawer zone
FRE TEMP	Freezer zone
MENU	Steps through modes • hold 3 s for child lock
SELECT	Confirms the mode shown

BEST SETTING

39°F in the refrigerator and 0°F in the freezer suit most kitchens. Where the room runs above 86°F, or the doors are opened often, set 37°F and -4°F. Pressing REF TEMP below 36°F engages Super Cool; pressing FRE TEMP past -11°F engages Super Freeze.

Modes and features.

SELECTING A MODE

Press MENU until the symbol for the mode illuminates, then press SELECT to enable it. The same sequence turns a mode off.

MODES

Vacation	Refrigerator 63°F · freezer 0°F
Eco	Refrigerator 46°F · freezer 5°F
Sabbath	Lights, buzzers and display off
°C / °F	Switches the display units
Water dispenser	Enables the internal dispenser
Ice making	Runs the ice maker automatically

VACATION MODE

Do not leave food in the refrigerator compartment with Vacation mode enabled. Press REF TEMP to cancel it and return to a normal setting.

CHILD LOCK

Hold MENU for three seconds to lock or unlock the display. The lock symbol shows while it is engaged.

IF THE DISPLAY READS “OF”

A zone reading “OF” is switched off — normal on first power-up or after a reset. Hold that zone’s key for about three seconds to turn it on; its current temperature then shows and can be set. The same press switches a zone back off.

DUAL COOLING

The refrigerator and freezer run on two separate cooling circuits, so air and odor do not pass between them and each compartment defrosts on its own cycle.

ICE

Prepare the water filter before drawing ice. After a new connection or a filter change, fill and discard two full bins to clear the line.

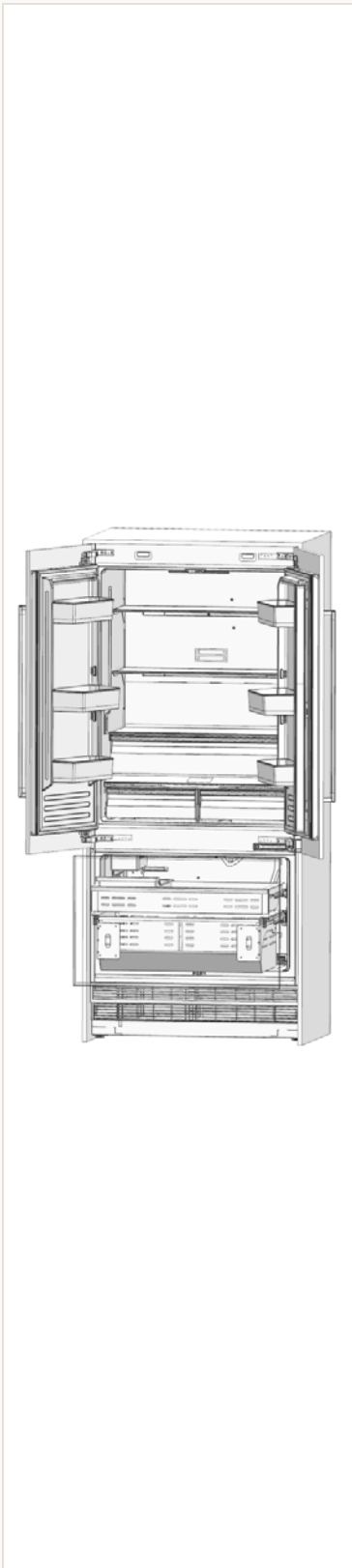
What is inside.



RF-30 • 30" SINGLE DOOR

RF-30

- 1 Water filter
- 2 Door bin
- 3 Body shelf, adjustable height
- 4 Water dispenser
- 5 Gallon door bin, adjustable height
- 6 Odor filter
- 7 Drawer
- 8 Control display
- 9 Flex drawer
- 10 Ice maker
- 11 Ice storage bin, with scoop
- 12 Upper freezer drawer
- 13 Lower freezer drawer
- 14 Condenser cover



RF-36 • 36" FRENCH DOOR

RF-36

- 1 Water filter
- 2 Door bin
- 3 Body shelf, adjustable height
- 4 Water dispenser
- 5 Gallon door bin, adjustable height
- 6 Odor filter
- 7 Drawer
- 8 Control display
- 9 Flex drawers
- 10 Ice maker
- 11 Ice storage bin, with scoop
- 12 Condenser cover
- 13 Upper freezer drawer
- 14 Lower freezer drawer

First start and storage.

FIRST START

- 1

Clean the interior and make sure it is dry before the unit is plugged in.
- 2

Plug into the grounded socket. The interior lights when the refrigerator door is opened.
- 3

Run for at least six hours with no food inside, and keep the doors shut.
- 4

Protect the water hoses against freezing, and keep the supply between 33°F and 100°F.

NORMAL IN THE FIRST HOURS

The compressor is audible when it starts, and the sealed system makes sound even when it is not running. The front edges of the case are warmed deliberately to keep condensation off them.

RECOMMENDED SETTINGS

CONDITION	FRIDGE	FREEZER
Normal	39°F	0°F
Room above 86°F, or frequent use	37°F	-4°F

WHERE FOOD GOES

Freezer drawers	Meat, fish, ice cream, vegetables
Refrigerator shelves	Pans, covered plates, closed containers
Door bins	Small packages, milk, juice, beer
Drawer	Vegetables and fruit
Flex drawer	Cheese, butter, cured meats

FREEZING FRESH FOOD

- Wrap food or use a covered container before it goes in.
- Let hot food and drink reach room temperature first.
- Freeze only food that is fresh and in good condition.
- Pack airtight in material that resists cold, damp, odor, oil and acid.
- Freeze in small quantities so each package freezes through quickly.
- Use thawed food straight away and never refreeze it.

KEEP THE SENSOR CLEAR

Food must not touch the temperature sensor in the refrigerator compartment, and hot food and liquid must not go in. Run Super Cool four to eight hours before a large load of fresh groceries.

Running it well.

ENERGY SAVING

Keep the doors shut. Long openings cost more than any setting change.

Let hot food and drink cool to room temperature first.

Do not overload — cooling falls when air cannot circulate.

Keep the case out of direct sunlight.

Allow 12" (30 cm) to a hob, oven, heater or stove, and 2" (5 cm) to an electric oven.

Store food in closed containers.

A freezer drawer may be taken out to load the compartment to its maximum.

Thaw frozen food in the refrigerator compartment — it saves energy and keeps quality.

ROOM AND NEIGHBOURS

The room must be at least 50°F (10°C); running colder than that is not recommended. Where two cases stand side by side without the joining kit, leave at least 1½" (4 cm) between them. Never connect the refrigerator to an energy-saving device — such systems can damage the product.

EVERYDAY SAFETY

Children from 8 years and people with limited physical, sensory or mental capability may use the product only after instruction and with supervision. Children must not play with it, or clean it unsupervised.

Unplug the product if it fails, and do not use it again until an authorized service provider has repaired it.

Use a grounded socket with a fuse matching the nameplate. Do not use a loose socket, an extension lead or a two-pin adapter.

Unplug it during care, cleaning and repair, and when it is not in use.

Never pour or spray water onto the product, and never touch the plug with wet hands.

Pull the plug itself, never the cable.

Never use the door or a drawer as a support or a step.

Do not block the ventilation openings.

Keep flammable or explosive items, and gaseous sprays, away from the product.

Stand high-proof bottles upright and tightly closed. Do not put bottled or canned drinks in the freezer — they burst.

Do not touch frozen food with wet hands, and do not eat ice or ice cream straight from the freezer.

Do not store vaccines, heat-sensitive medication or science materials in the product.

Do not look into an interior blue light with optical tools.

Do not stand vessels of liquid on top of the product.

Do not pull the door handle when the case is being moved.

Keep hands clear of moving parts and out of the ice maker while it runs.

INTENDED USE

The refrigerator is designed for domestic use and for storing food only. It is not suitable for commercial use, and the manufacturer takes no responsibility for damage caused by use or transport outside that intention. Original spare parts remain available for ten years from the date of purchase.

DISPOSAL

The product carries the waste electrical and electronic equipment (WEEE) classification and conforms to the EU WEEE (2012/19/EU) and RoHS (2011/65/EU) directives — it contains no prohibited materials. It is built from parts and materials that can be reused and recycled, so do not put it out with domestic waste at the end of its life. Take it to a collection centre for electrical and electronic equipment, or follow the federal and local regulations that apply to you. Packaging is recyclable and must not go into domestic waste either.

DANGER — AN OLD REFRIGERATOR

Children can climb into a discarded refrigerator or freezer and be trapped. Before disposing of an old appliance, remove its doors and leave the shelves in place so a child cannot get inside easily.

REFRIGERANT

The cooling system uses R600a, a flammable hydrocarbon. Take care not to damage the circuit or its piping in use or in transport; if it is damaged, keep the product away from anything that could ignite the gas and ventilate the room. The gas type is stated on the type plate on the left-hand interior wall. Never throw the product into a fire.

Shelves and drawers.

GLASS SHELVES

Open the upper door, or both doors, for clear access. Unload the shelf, hold it at the front, lift gently and slide it out. To refit, hold the front higher than the back, engage the top hook in the shelf notch and lower the front until it locks.

HANDLE COLD GLASS WITH CARE

Unload a glass shelf before removing or refitting it, and let it reach room temperature before it goes into water — cold glass can crack. A door bin set at the same height as a glass shelf will stop the door closing.

DOOR BINS

Lift the bin to release it, then pull it straight out. To refit, enter it at a slight angle and press down until it locks.

FLEX DRAWER

Removal and refitting follow the drawer procedure opposite. The flex drawer holds 30°F to 41°F for fish, meat, vegetables and cured products.

DRAWER

- 1 Open the doors fully, then pull the drawer out until it stops.
- 2 Undip the front of the drawer and lift it clear.
- 3 To refit, pull both sliding rails right out.
- 4 Seat the gaps at the rear corners of the drawer onto the extension pieces at the rear of each rail.
- 5 Press the drawer down until the front clips onto the rails.

CHECK THE RAIL EXTENSIONS

Both extension pieces, right and left, must be in place before the drawer is refitted. Take care not to scratch the interior.

LOWER FREEZER DRAWER

Open the freezer door until it stops. Remove the four thumb screws and keep them safe, then lift the front of the drawer and then the rear to take it out. Refitting reverses this — lower the rear first, then the front, and replace the four screws.

When it is off.

WATER FILTER

- 1** Press the button on the front of the filter cover and swing the cover down.
- 2** Turn the old cartridge counter-clockwise and pull it out of the housing.
- 3** Push the new cartridge in and turn it clockwise until it is secure.
- 4** Push the cover back up until the button locks it.
- 5** Hold SELECT for five seconds to reset the counter, then fill and discard two full bins of ice.

Replacement interval	130 days
Water filter part number	Confirm on Filter
Supply pressure	25 to 80 psi
Supply temperature	33 to 100°F

BYPASS PLUG

On a reverse-osmosis or whole-house filtered supply the cartridge is not needed. Fit the supplied bypass plug in its place — without either one, no water reaches the dispenser or ice maker.

POWER OUTAGE

Keep both doors shut. A full case holds temperature for several hours unopened. The compressor restarts on its own when power returns; discard the ice already made and let the maker refill. Do not refreeze food that has thawed.

VACATION

For a short absence use Vacation mode. For a long one, empty the refrigerator, shut the water off at the accessible valve, switch the ice maker off and empty the bin, then wipe the interior dry and leave the doors ajar if the unit is powered down.

MOVING THE CASE

- 1** Empty both compartments, shut off and disconnect the water line, and drain the dispenser.
- 2** Disconnect power. Release the anti-tip brackets and the cabinet-to-case brackets before pulling the case forward.
- 3** Tape the doors shut and take off the freezer door and vent covers again to lighten the case — two people and a dolly.
- 4** Keep the case upright. If it has travelled on its side, leave it upright and unpowered for four hours before switching on.

WARNING

R600a is a flammable refrigerant. Do not pierce the cooling circuit when moving or servicing the case, and ventilate the room if a leak is suspected.

Care and cleaning.

ROUTINE

Dissolve a teaspoon of baking soda in half a liter of water, soak a cloth, wring it out well, wipe the interior and dry it thoroughly. Clean every fifteen days. Switch the product off first and keep water away from the lighting and the control display.

NEVER USE

Steam or a steam cleaner — it can reach the electrics.

Petrol, benzene or similar solvents.

Sharp or abrasive tools, soap, household cleaner, detergent or wax polish.

Chlorine-based cleaner or plain water on outer and chrome-plated surfaces.

Vinegar, rubbing alcohol or other alcohol-based cleaner on any interior surface.

A vacuum cleaner on the condenser.

Any means of speeding up defrosting other than those given here.

SURFACES

Interior and removable parts **Mild soap, water and carbonate; rinse and dry**

Plastic **Warm water at once if oil is spilled**

Stainless steel **Non-abrasive cleaner, lint-free cloth, with the grain**

Gaskets **Check and wipe regularly**

Condenser **Every six months, wearing gloves**

ODOR

A permanent odor filter sits at the back of the main refrigerator compartment. Odor still develops if food is stored open or the interior is not cleaned — keep food in closed containers, clear out anything expired, and use the baking soda solution rather than detergent or soap.

LONG ABSENCE

If the refrigerator will stand unused, unplug it, empty it, clean it and leave the door ajar. Take everything out before removing doors or shelves for cleaning.

Error codes.

CODES ON THE DISPLAY

CODE	REPORTED FAULT
F1	Refrigerator compartment air sensor
F2	Refrigerator compartment defrost sensor
F3	Flex drawer air sensor
F4	Freezer compartment air sensor
F5	Freezer compartment defrost sensor
F6	Ambient air sensor
CE	Communication failure
1E	Refrigerator compartment fan
2E	Freezer compartment fan
3E	Condenser fan

ALL CODES NEED SERVICE

Each of these points to a sensor, fan or control fault inside the sealed product. Note the code and call (775) 898-7562. There are no user-serviceable parts in the cooling system — never open or attempt to repair it.

BEFORE YOU CALL

Compressor silent — its internal protector trips and resets by itself; the unit restarts after about six minutes.

Periodic defrost — automatic and normal, as is the change in running noise with room temperature.

Liquid or spraying sounds and a faint whistle — normal flow and cooling fans.

Vibration — check the floor is level and solid and reset the adjustable feet.

Condensation inside — doors opened often or left ajar, a humid room, or uncovered liquid.

Condensation outside or between the doors — normal in humid weather and clears with use.

Door will not close — a package in the way, or the case out of level.

No water — check the valve is open, the line is not kinked, and a cartridge or bypass plug is fitted.

Living with **both** compartments.

FIRST 24 HOURS

- 1** Leave upright and unpowered for four hours after the move before switching on.
- 2** Run empty for at least six hours with the doors shut, then load.
- 3** Discard the first two ice harvests and flush the dispenser until clear.
- 4** Re-check the door reveal once the case is cold and settled.

CARE

- 1** Keep the rear cooling wall clear. In a 30" cabinet it is easy to pack shelves tight enough to stall airflow.
- 2** Replace the water filter on schedule; slow fill and hollow cubes mean it is overdue.
- 3** Wipe the gasket and sill. A dirty seal on a flush case shows up as frost in the freezer compartment.
- 4** Stainless takes mild detergent worked with the grain; Celestial Edition gold is wiped dry only.
- 5** Vacuum the machine compartment grille yearly.

BEFORE FIRST LOAD

All packing, shelf protectors and tape removed from both compartments

Door closes to an even seal along its full height

Water connection dry after an hour under pressure

Door alarm confirmed working



IF SOMETHING IS WRONG

Running warm	Check the seal, then that shelves are not packed against the rear wall.
Frost in freezer	Warm air is getting in. Inspect the gasket and confirm the drawer closes fully.
No ice / slow water	Filter due, valve partly closed, or the line is kinked behind the case.
Door not flush	Level the case first, then adjust the hinge.
Fault codes	F1 to F6, CE, 1E, 2E and 3E — see the error code page. Call support with the code shown.

SAFETY

Installation and service by qualified personnel only.

R600a is a flammable refrigerant. Do not pierce the circuit; ventilate if a leak is suspected.

Anti-tip brackets are mandatory on a built-in case.

Do not let children hang on the door or stand in the freezer drawer.

Disconnect power before service behind the case.

LIFETIME INDUCTION-CLAD WARRANTY

Parts and repair support for as long as you own the refrigerator. Register the model and serial from the nameplate, then call (775) 898-7562 or email info@inductionhardware.com.

PARTS & ACCESSORIES

Adjustable shelves and door bins — included

Water filter cartridge — included, replaceable

Ice bin and freezer drawer dividers — included

Anti-tip bracket kit and door trim — included

Custom panel fixing kit — Panel Ready only

Keep this manual with the receipt.

Thank you for purchasing your Induction Hardware refrigerator. This manual contains important information regarding the proper installation, use and maintenance of your appliance. Following it will ensure the product works at its peak performance and efficiency.

Please write down the model number and serial number below for future reference. Both are located on the rating label inside the refrigerator compartment and are needed to obtain warranty service. You may also want to staple your receipt to this manual, as it is the proof of purchase and may be needed for service under warranty.

MODEL NUMBER

SERIAL NUMBER

DATE OF PURCHASE

INSTALLER / COMPANY

BEFORE CONTACTING CUSTOMER SERVICE

If you received a damaged product, immediately contact the retailer or dealer that sold it to you.

Read and follow this manual carefully to install, use and maintain your unit.

Read the troubleshooting section — it will help you diagnose and solve common issues.

CONTACT US

Website **www.inductionhardware.com**

Phone **(775) 898-7562**

Email **info@inductionhardware.com**

Address **12920 Old Virginia Road, Suite 160
Reno, Nevada 89521, USA**

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HARDWARE

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Thank you for being part of the Induction Hardware community.

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www.INDUCTIONHARDWARE.com