# JF42NXFXDE

## 42" Panel-Ready Built-In French Door Refrigerator

http://www.jennair.com

### Key Features:

- Daring Obsidian Interior
- Fully Flush, Fully Integrated Design
- Panel Ready
- Panel-Ready
- Multi-Point Cinematic Lighting
- Capacitive Touch Controls with LED Display
- TwinFresh™ Climate Control System
- Smooth Close Crisper Drawers
- Glass Shelving
- Produce Preserver
- FreshFlow™ Air Filter
- Variable Capacity Compressor

### Product Dimensions:

Height: 83 1/8

Width: 41

Depth: 27 3/8

### Electrical Requirements:

15. 120V.

### Additional Information:

Owners Manual

Dimension Guide

Installation Guide

Energy Guide

Warranty Certificate

Available in:

Panel Ready


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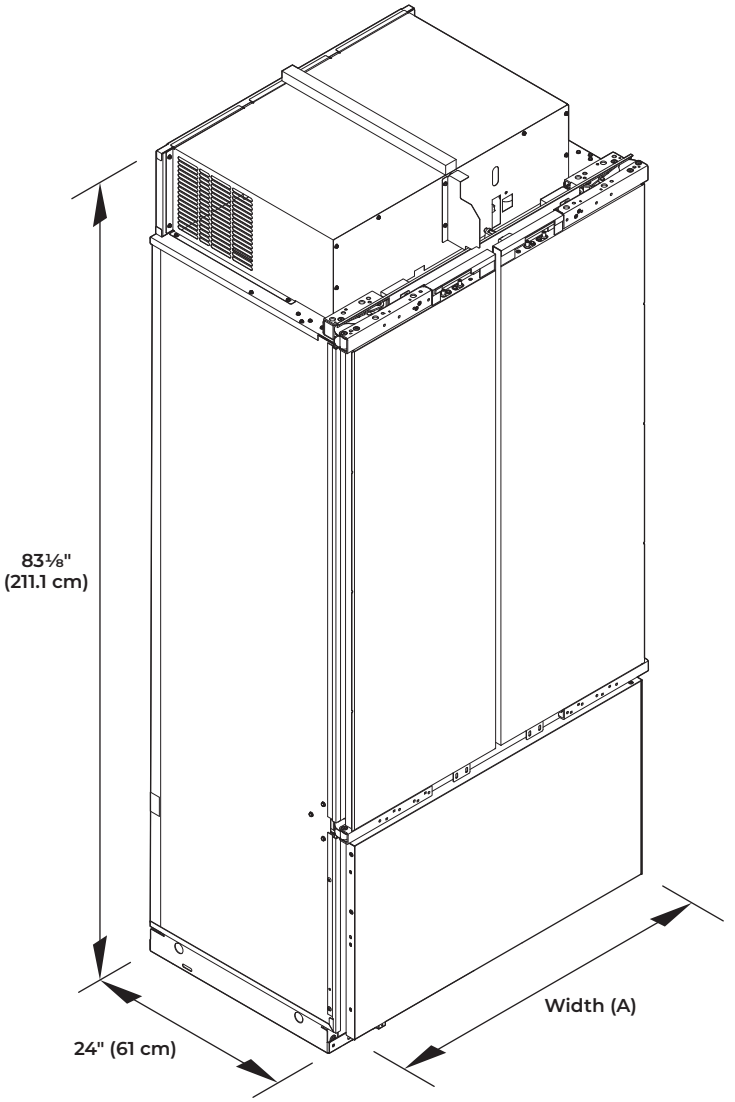
## FRENCH DOOR BOTTOM MOUNT MODELS



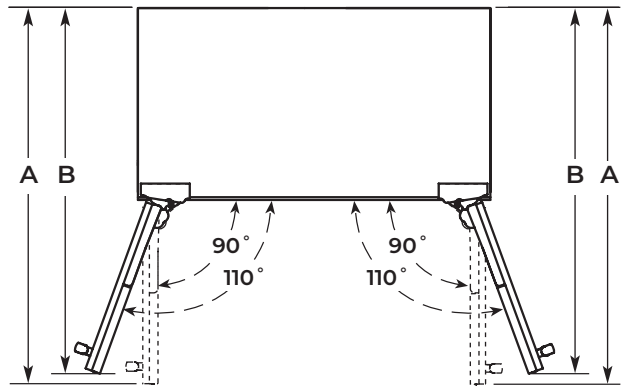

| MODEL | WIDTH A (HINGE EDGE TO HINGE EDGE) |
|---|---|
| | |
| 42 | 41¾" (106 cm) |

## DOOR SWING DIMENSIONS

The location must permit both doors to open to a minimum of 90°. Allow 4½" (11.4 cm) minimum space between the side of the refrigerator and a corner wall.

**NOTE :** More clearance may be required if you are using wood overlay panels, custom handles, or extended handles.

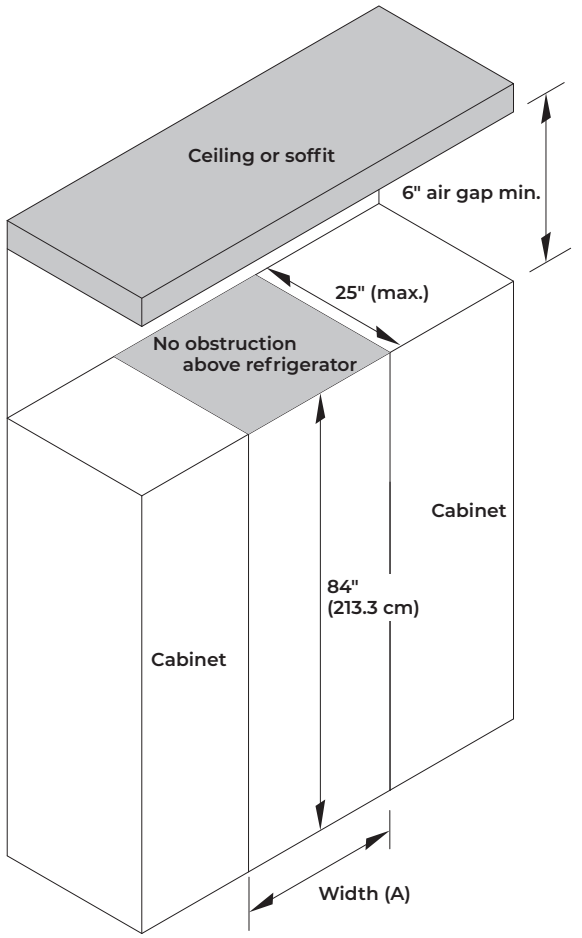
## 42" (106.6 CM) FRENCH DOOR MODELS




| MODEL | A | B |
|---|---|---|
| | | |
| 42 | 44" (111.8 cm) | 42¾" (108.6 cm) |

## SITE PREPARATION

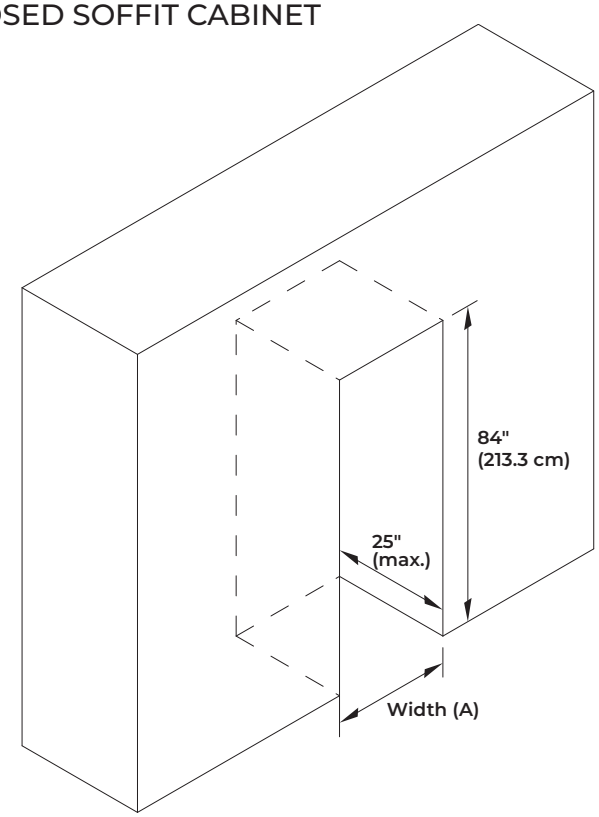
### OPEN TO CEILING OR SOFFIT CABINET




| MODEL | WIDTH A |
|---|---|
| | |
| 42 | 42" (106.7 cm) |

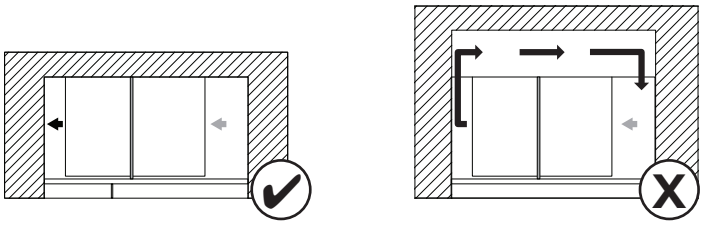
- These type of installations require a minimum of 6" (15.24 cm) of open space above the refrigerator. This space must not be blocked in any way, including soffits.
- Depth of cabinet must be less than 25" (63.5 cm).
- If your opening does not meet these requirements, you will need to make modifications.

### CLOSED SOFFIT CABINET

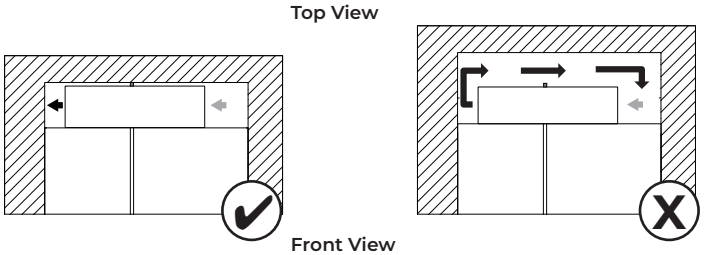



| MODEL | WIDTH A |
|---|---|
| | |
| 42 | 42" (106.7 cm) |

- Depth of cabinet must be less than 25" (63.5 cm).
- Height of soffit must not exceed 84" (213.3 cm).
- Following illustrations explain the cabinet construction (soffit and rear wall positions) required for optimum ventilation and airflow.



Top View



Front View

Grey arrow = ambient air; Black arrow = warm air

**Cabinet depth 25" and soffit located at 84", provides proper airflow/ventilation to the refrigerator. Efficient cooling is achieved.**

**Cabinet depth more than 25" and/ or soffit located at more than 84", causes air gap at back and/or top of the refrigerator. Air gap allows warm air recirculation causing loss in cooling efficiency.**

- If your opening does not meet these requirements, you will need to make modifications.

## ANTI-TIP BOARDS

For open to ceiling or soffit cabinet constructions the refrigerator must be braced with the help of primary and secondary anti-tip boards.

### PRIMARY ANTI-TIP BOARDS

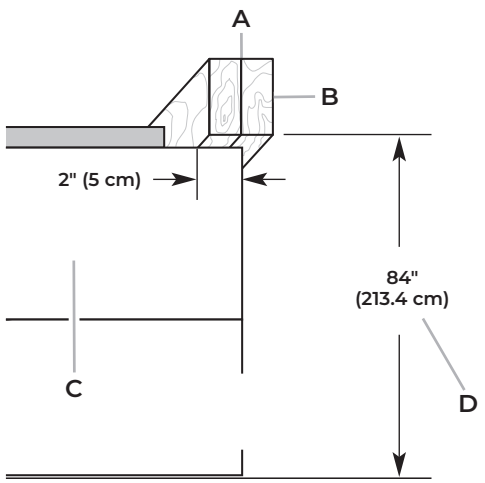
**IMPORTANT:**

- It is recommended that primary anti-tip boards be installed before the refrigerator is installed.
- Boards must be long enough to fully cover the width of the compressor cover.
- Place the boards so that the bottom surfaces of the boards are 84" (213 cm) from the floor.
- During installation, raise the refrigerator up until the top of the refrigerator is making contact with the bottom of the anti-tip boards. Do not crush the compressor cover when raising the rear leveling legs.

**NOTE:** The foam gasket, on top of the compressor cover, will compress to fit under the anti-tip board(s). There is no need to trim the gasket.

To install primary anti-tip boards-

1. Mark the stud locations on rear wall.
2. Securely attach two 2" x 4" x 32" (5 cm x 10 cm x 81 cm) boards to wall studs behind refrigerator. Use six #8 x 3" (7.6 cm) (or longer) wood screws. The wood screws must be screwed into the studs at least 1½" (3.8 cm). The boards must overlap the compressor cover.




**A. Two 2" x 4" x 32" (5 cm x 10 cm x 81 cm) boards**
**B. Attach to studs with six #8 x 3" (7.6 cm) screws.**
**C. Compressor cover**
**D. Distance from bottom of anti-tip boards to floor**

### SECONDARY ANTI-TIP BOARDS

**⚠WARNING**

**Tip Over Hazard**

**Refrigerator is top heavy and tips easily when not completely installed.**

**Install secondary anti-tip board to ensure product stability.**

**Use two or more people to move and install refrigerator.**

**Failure to do so can result in death or serious injury.**

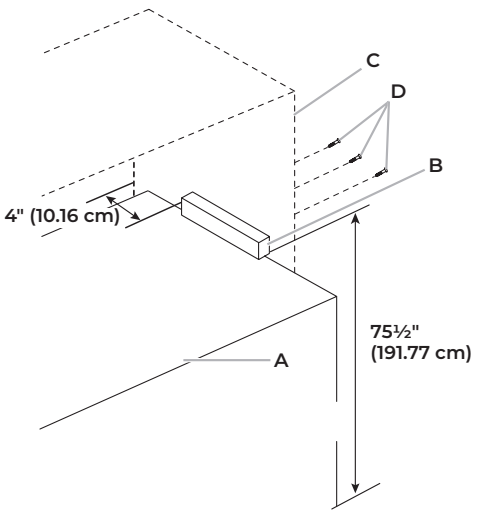
- For all full height door or armoire panel installations, the secondary anti-tip board is required to be installed prior to door panel installation.
- This anti-tip board is to be secured on the right side of the cabinet enclosure as per the dimensions shown in illustration.
- Secure the secondary anti-tip board so that the bottom surface of the secondary anti-tip board is 75½" (191.77 cm) from the floor (right hand side).

To install secondary anti-tip board-

1. Mark the stud locations on right hand side cabinet wall.
2. Securely attach one 2" x 4" x 12" (5 cm x 10 cm x 30.4 cm) board to the cabinet on right hand side cabinet using wood screws. Use three #8 x 2" (5.08 cm) (or longer) wood screws.

**NOTE:**

- It is recommended to drive the wood screws from cabinet wall into the secondary anti-tip board as shown in the illustration.
- The board must have overlap of 1" (2.54) with the refrigerator top.
- Leave 4" (10.16 cm) free space at rear as shown in the illustration.




**A. Refrigerator**
**B. Secondary anti-tip board**
**C. Kitchen cabinet**
**D. Wood screws**

## LOCATION REQUIREMENTS

**⚠WARNING**

**Explosion Hazard**

**Keep flammable materials and vapors, such as gasoline, away from refrigerator.**

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

**IMPORTANT:** This refrigerator is designed for indoor, household use only.

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

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

**NOTE:** The refrigerator is intended for use in a location where the temperature ranges from a minimum of 55°F (13°C) to a maximum of 43°C (110°F). The preferred room temperature range for optimum performance, which reduces electricity usage and provides superior cooling, is between 15°C (60°F) and 32°C (90°F). It is recommended that you do not install the refrigerator near a heat source, such as an oven or radiator.

**IMPORTANT:**

- Observe all governing codes and ordinances.
- It is recommended that you do not install the refrigerator near an oven, radiator, or other heat source.
- Do not install in a location where the temperature will fall below 13°C (55°F).
- Floor must support the refrigerator weight, more than 600 lbs (272 kg), door panels and contents of the refrigerator. Flooring under refrigerator must be at same level as the room. Face of cabinetry must be plumb.
- Location should permit door to open fully. See “Door Swing Dimensions.”
- Location must permit top grille removal. See “Site Preparation.”

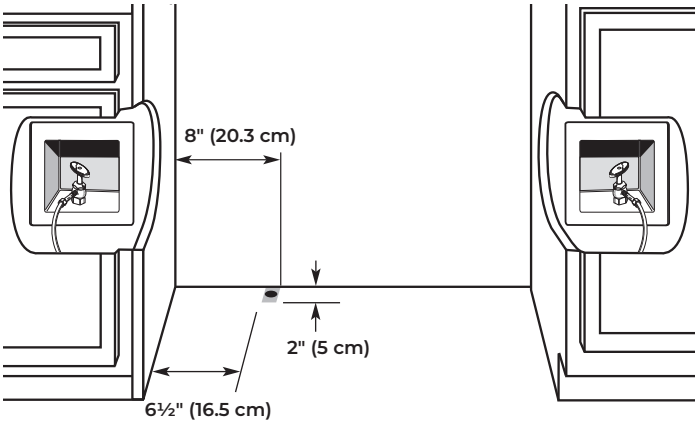
## WATER SUPPLY REQUIREMENTS

**IMPORTANT :**

- All installations must meet local plumbing code requirements.
- Connect to potable water supply only.

Do not use with water that 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 waters that may contain filterable cysts.

- There is not enough clearance to achieve a flush installation if a water shutoff valve is located in the wall behind the refrigerator.
- The water shutoff should be located in the base cabinet on either side of the refrigerator or some other easily accessible area. The water supply line, however, must come up through the floor in the gray shaded area shown.




- A 1/2" (12.7 mm) hole for plumbing should be drilled on the floor at least 6½" (16.5 cm) from the left-hand side cabinet and should be no more than 2" (5 cm) away from the back wall. Refer above illustration for more details.
- The water supply connection is made at the front of the refrigerator.
- If additional tubing is needed, use copper tubing and check for leaks. Install the copper tubing only in areas where the household temperatures will remain above freezing.
- Do not use a piercing-type or 3/16" (4.76 mm) saddle valve which reduces water flow and also clogs more easily.

  **NOTE :** Your refrigerator dealer has a kit available with a 1/4" (6.35 mm) saddle-type shutoff valve, a union, and copper tubing. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

## WATER PRESSURE

A cold water supply with water pressure between 30 psi and 120 psi (207 kPa and 827 kPa) is required to operate the water dispenser and ice maker. If you have questions about your water pressure, call a licensed, qualified plumber.

**REVERSE OSMOSIS WATER SUPPLY**

**IMPORTANT :** The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 30 psi and 120 psi (207 kPa and 827 kPa).

If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 psi to 60 psi (276 kPa to 414 kPa).

If the water pressure to the reverse osmosis system is less than 40 psi to 60 psi (276 kPa to 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter cartridge.

If you have questions about your water pressure, call a licensed, qualified plumber.

## ELECTRICAL REQUIREMENTS

**⚠WARNING**

**Electrical Shock Hazard**

**Plug into a grounded 3 prong outlet.**

**Do not remove ground prong.**

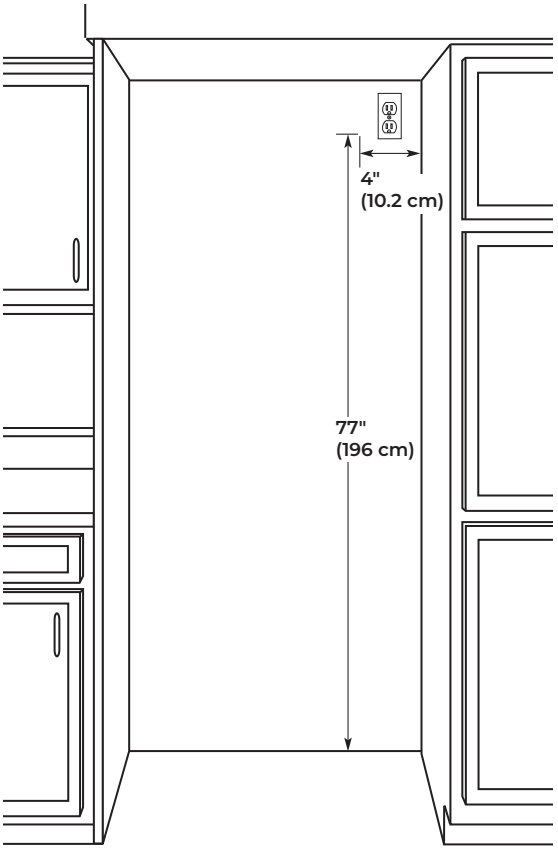
**Do not use an adapter.**

**Do not use an extension cord.**

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

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

A grounded 3 prong electrical outlet should be located within a specified number of inches from the right-hand side cabinets or end panel. See the chart following the illustration for the number of inches required for your model.




If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connection end.

## RECOMMENDED GROUNDING METHOD

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

**IMPORTANT :** If this product is connected to a GFCI (Ground Fault Circuit Interrupter) protected outlet, nuisance tripping of the power supply may occur, resulting in loss of cooling. Food quality and flavor may be affected. If nuisance tripping has occurred, and if the condition of the food appears poor, dispose of it.

**NOTE :** Before performing any type of installation or cleaning, remove the top grille and turn the master power switch to OFF or disconnect power at the circuit breaker box.

When you are finished, turn ON the master power switch or reconnect power at the circuit breaker box. Then reset the control to the desired setting.

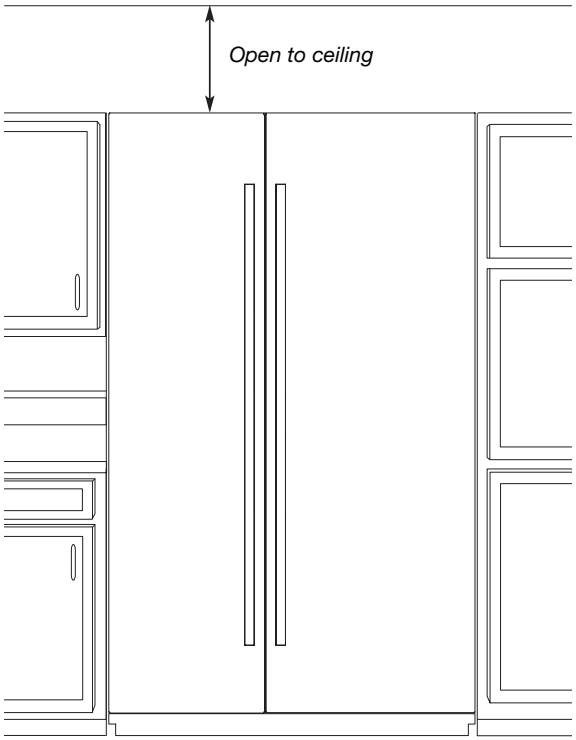
# SITE PREPARATION
## CABINET CUTOUT OPTIONS

### AIRFLOW VENTING RECOMMENDATIONS

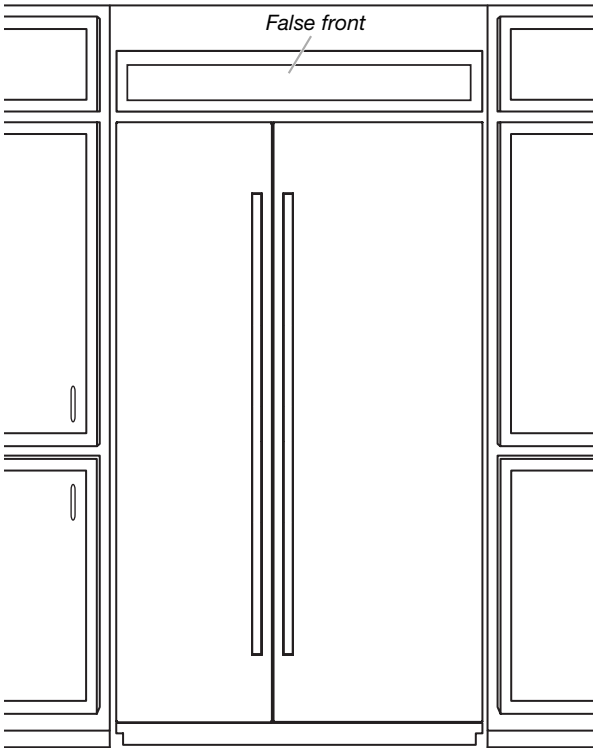
**IMPORTANT:**

- Armoire-style installations recommends a minimum of 1/8" (3.2 mm) of open space above the refrigerator. It is recommended that this space not be blocked in any way, including soffits.
- Models may be installed using either Option 1, Option 2 or option 3.

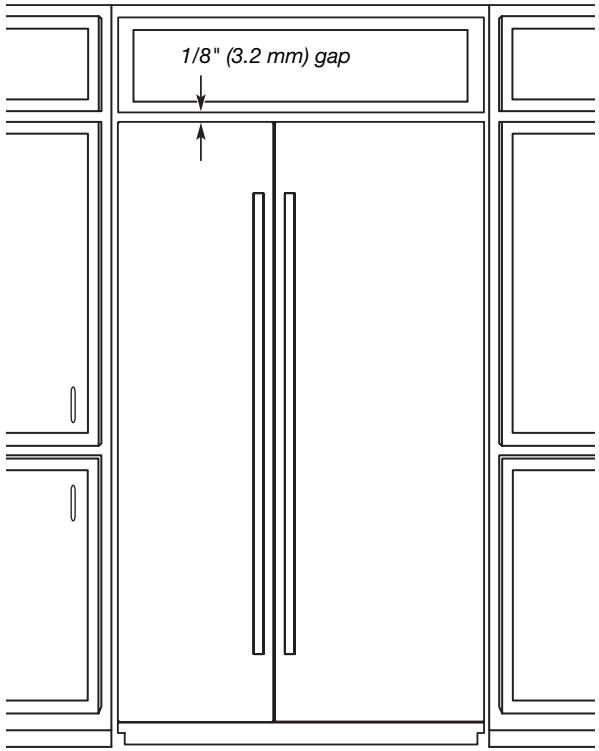
**Option 1 - Open to Ceiling**




**Option 2 - False Front (cabinet face only)**



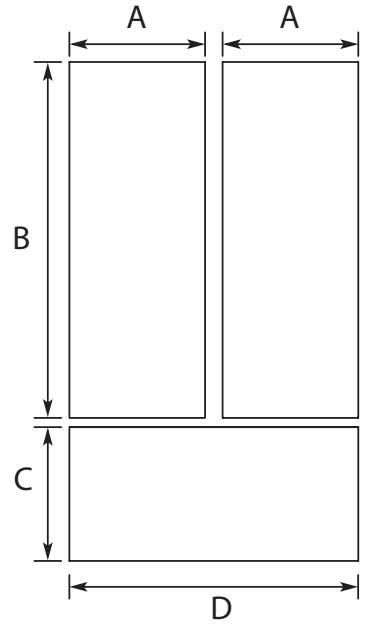

**Option 3 - Closed Soffit**



# SITE PREPARATION
## PANEL DIMENSIONS

### FRENCH DOOR BOTTOM MOUNT MODELS

! Maximum allowable weights:
- Door panel - 38 lbs (17.2 kg)
- Drawer panel (36" model) - 25 lbs (11.3 kg)
- Drawer panel (42" model) - 30 lbs (13.6 kg)




| Legend | Model | Dimension |
|---|---|---|
| | | |
| **A** | 42" | 20 3/4" (52.86 cm) |
| **B** | | 59 1/8" (150.2 cm) |
| **C** | | 20 1/2" (52.07 cm) |
| **D** | | 41 3/4" (106.05 cm) |