

Installation

WARNING:

Do not install the appliance:

- outdoors,
- in an environment with dripping water,
- in rooms which are less than 32 °F (0 °C).

Appliance is very heavy:

BottomFreezer 36": Empty weight approx.
430 lbs/195 kg

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" (30 mm) from an electric range,
- 12" (300 mm) from a gas range.

Stable installation

The appliance is very heavy and has a tendency to tilt forwards when the appliance door is opened. Do not open the door until there is no possibility of the appliance tilting over.

The safest method of installing the appliance in a stable position is to use the supplied anti-tip devices.

If the installation enclosure is adequately stable and the appliance can be attached securely to the upper and side walls of the installation enclosure, this may provide additional stability. A prerequisite for this is always a firm connection between the installation enclosure and back wall!

If in doubt, contact an architect or a building expert.

Installation enclosure

Note:

It is strongly recommended the top panel of the niche be of solid material at least ⁵/₈" (16 mm) thickness.

If, for some reasons, a separate niche cabinet is created, make sure that the furniture return area is at least 4" (100 mm) deep.

It is important to observe the specified dimensions of the installation enclosure for a trouble-free installation of the appliance.

In particular ensure that the installation enclosure is square.

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

Furniture

The new appliance must be screwed securely to adjacent and overhead furniture.

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

Floor

WARNING:

A fully-loaded appliance is very heavy – for the loadbearing capacity minimum see the following:

BottomFreezer 36" approx. 1200 lbs/540 kg

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

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

The floor in the installation area must be at the same level as the rest of the room (no step up or down).

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

Aligning the appliance

To ensure that the appliance functions correctly, it must be levelled properly.

If the appliance is not level, water may flow out of the ice maker, ice cubes may be irregular or the doors may not close properly.

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.

Follow all state and local codes or NEC.

The appliance comes with a UL listed 3 wire power supply cord.

The appliance requires a 3-wire receptacle.

The receptacle must be installed by a licensed electrician only.

The receptacle must be a 15 A breaker or fuse.

Appliance	Maximal load at one time
BottomFreezer 36"	6.0 Ampere

For the installation position of the receptacle see "Installation dimensions".

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.

Additional grounding procedure

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

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

Connecting the water

CAUTION:

Only connect the appliance to drinking water!

A cold water connection is required for operation of the automatic ice maker. The water pressure must be between 25 and 120 psi. (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.

Do not use a self-piercing valve!

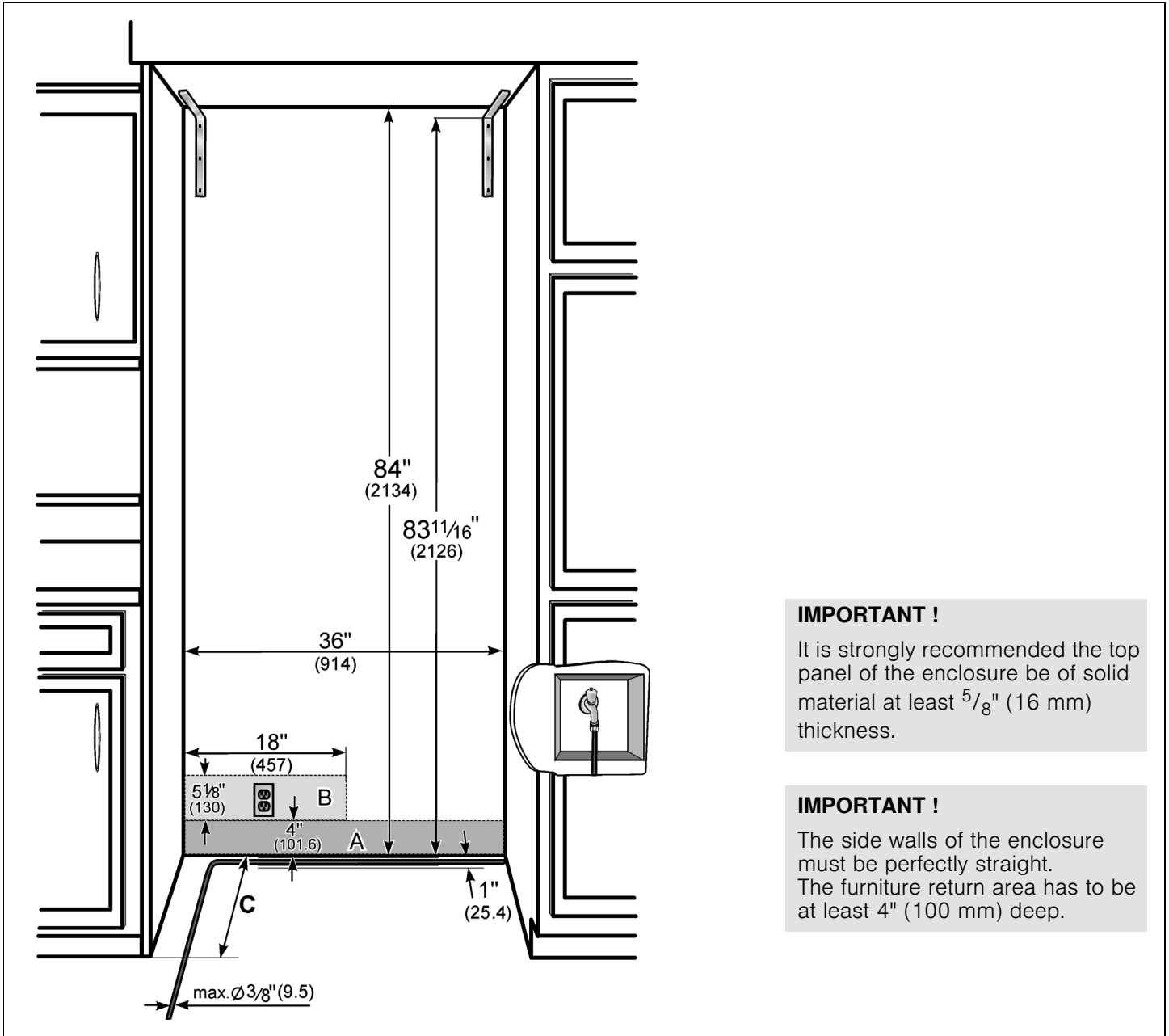
The shut-off valve for the water connection must not be behind the appliance. It is recommended to place the shut-off valve directly next to the appliance or in another easily accessible location.

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

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): $\frac{3}{8}$ " (9.5 mm).

Installation dimensions



Legend:

A Area for installation of the water connection

It is recommended the water-box be placed adjacent to the installation enclosure, so that it can be accessed for service without uninstalling the appliance. If this is not possible, place the recessed water box within the shaded area.

B Area for installation of the power connection

C Opening depth of enclosure, depending on kitchen design

C = 24" (610 mm) minimum