Fireplace Insert Hearth Guide and Template
C 350 Winterport

This guide is only intended for use on-site as a quick reference tool. Final installation must conform to all of the requirements specified in the Installation Manual included with each unit and also available at www.jotul.us.

27 3/4"
704 mm

22 1/2"
572 mm

9 1/2"
241 mm

40"
1016 mm

Steel
Wide Surround Panel
For use with Riser Bar

30"
762 mm

Fig. 1.

6 1/4"
159 mm

19 1/2"
495 mm

16 3/4"
425 mm

Riser Bar
2" 51 mm

16"
406 mm

37"
940 mm

25 1/4"
641 mm
without
Riser Bar

27 1/4"
692 mm
with
Riser Bar
Bottom
Surround
Trim
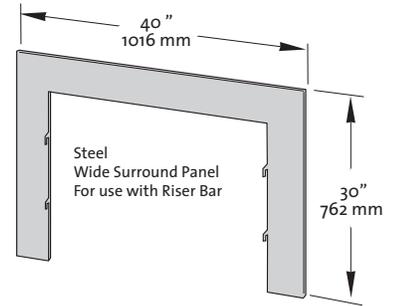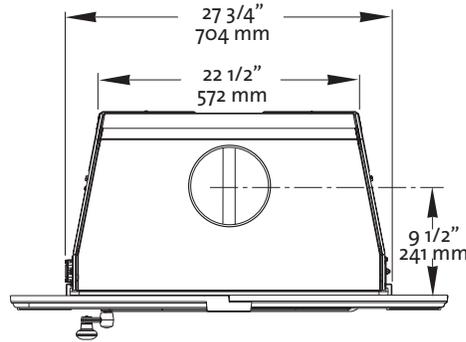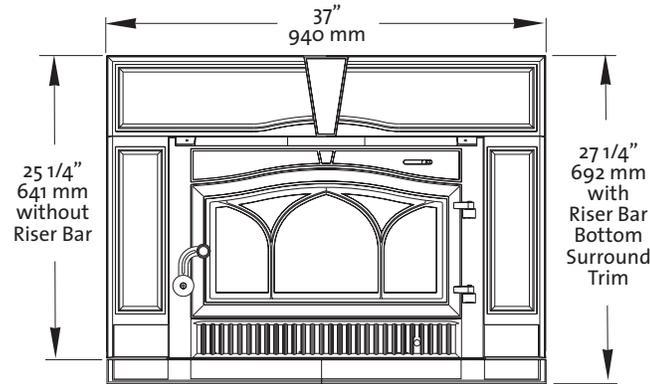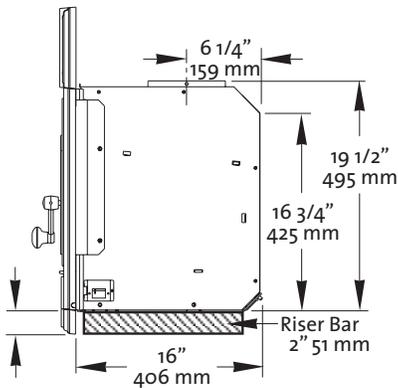
Optional Surrounds

- Steel Wide Surround, 40"x 30" Matte Black - 156055

- Trimable Surround, 37" x 25 1/2" for Z-C fireplaces -157326

Minimum Fireplace Dimensions

A - Opening Width* = 32" (813mm)

B - Opening Height** = 19 1/2" (495mm)

C - Rear Width = 22 3/4" (577mm)

D - Rear Height** = 16 3/4" (425mm)

E - Depth = 16" (406mm)

* NOTE: Width dimension accommodates clearance for Surround attachment and blower power cord routing.

** Add 2" (51 mm) for use with optional Riser Bar.
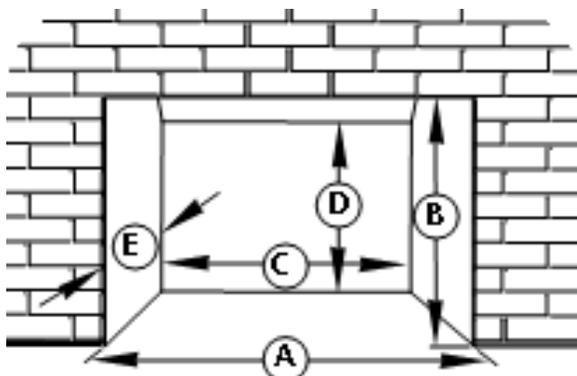
Make a Footprint Template - C 350 Winterport

Materials:

Foam Core or Cardboard   Straight Edge

Utility Knife   Tape Measure   Marker

1. Trim the board to a rectangle measuring 27 3/4" x 16 1/2". (704mm x 419mm)
2. Draw a centerline at 13 7/8" (352mm).
3. Mark the rear corners at 11 3/8" (289mm) to the left and right of center.
4. Measure and mark 3" (76mm) from the front corners on each side. Draw a cut-line from those marks to the rear corner marks and trim the sides along those cut-lines.
5. Tape this instruction sheet to the template for future reference.

Fig. 2.

Clearance Requirements

The following clearances and hearth specifications are the minimum requirements for installing this appliance into a solid fuel-burning fireplace. See Fig. 3.

A combustible surface is anything that can burn (i.e. sheet rock, wallpaper, wood, fabrics, etc.). These surfaces are not limited to those that are visible and also include materials that are behind non-combustibles.

If you are not sure of the combustible nature of a material, consult your local fire officials. "Fire Resistant" materials are considered combustible; they are difficult to ignite, but will burn. "Fire-rated" sheet rock is also considered combustible.

Always maintain the proper clearances to allow for the flow of ventilation air around the insert.

Hearth Protection Requirements

The floor area in front of fireplace insert must be protected from live sparks and radiant heat. See Fig. 3.

- **Materials:** Hearth protection must be non combustible insulating board, or the equivalent mortared masonry material. Alternate protection must composed of materials as specified by NFPA 211.

- **Protected Area:** 16" Deep x 34 1/2" Wide, for both the U.S. and Canada. Fig. 3.
  A) Front - The protection must extend at least 16 inches (406 mm) forward from the fireplace insert door opening.

  B) Sides - Protection must extend 17 1/4 inches (438 mm) to both sides of the centerline of the insert.

- **Flush Hearth:**
  Where the hearth construction is flush with combustible floor materials, the insert must be elevated with use of the 2" Riser Bar supplied.

- **Raised Hearth:**
  Where the hearth construction is a minimum of 2 1/2" thick, the insert may be installed without use of the Riser Bar.

Fig. 3.
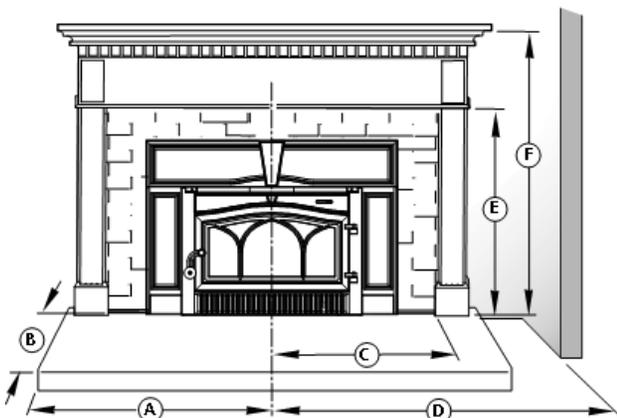
Minimum Clearances

Clearances are measured from the hearth surface, door opening, or centerline as noted in fig. 3 and 4.

Add two inches to mantel and top trim clearance when Riser Bar is installed.

A: Hearth Protection, width from centerline: 17 1/4" (438 mm)

B: Hearth Protection, forward from door opening: 16" (406 mm)

C: To Side Trim, 1" max. thickness, from centerline 19 1/2" (495 mm)

D: To Side Room Wall, from centerline: 54 1/2" (1384mm)

E: To Top Trim, 1" max. thickness, from hearth: 39" (991 mm)

F: To Mantel, 3 1/2" max. depth, from hearth: 48" (1219 mm)

To Mantel, 11 1/2" max. depth: 54" (1372 mm)
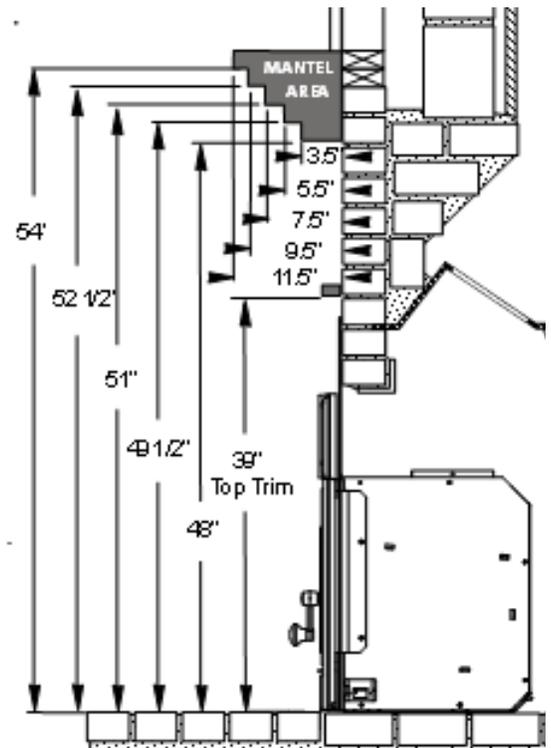
Fig. 4.

Mantel Clearance Detail - measured from the hearth surface to the lowest mantel surface. Insert Riser Bar is not installed.

Add two inches to each clearance dimension when Insert Riser Bar is used.