

68-HP-CI CAST IRON FLOOR BOX Installation Instructions

IMPORTANT: Read all instructions before installing floor box, carpet plate or mounting kit.

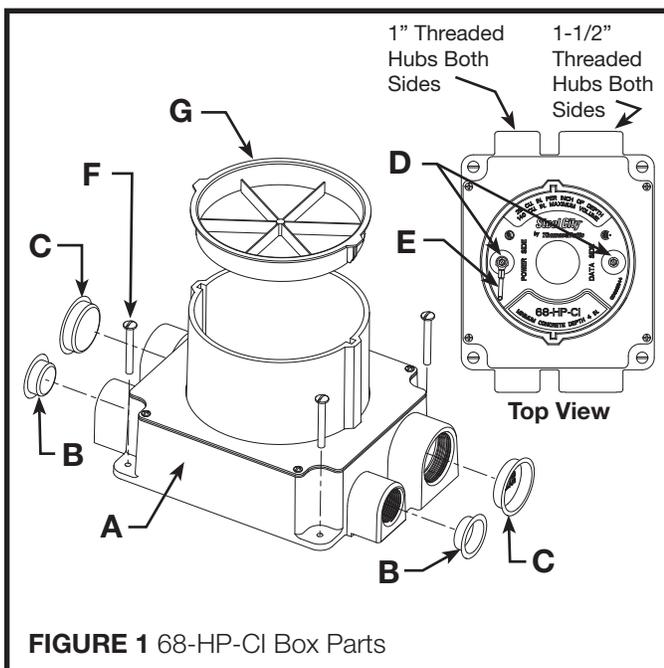


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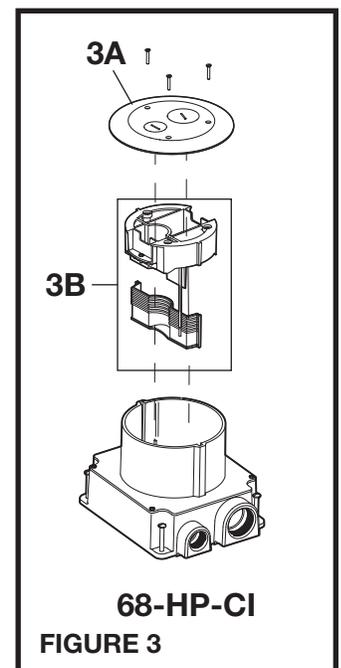
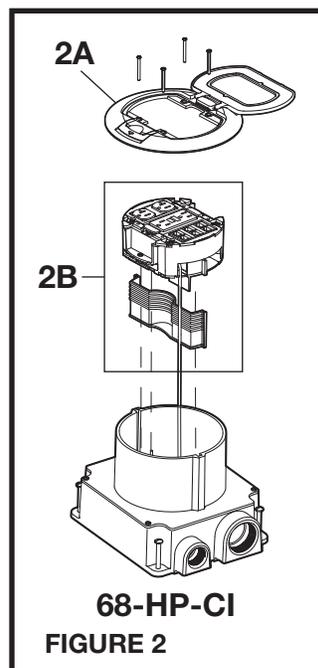
1.0 Parts List for 68-HP-CI Floor Box

- A - Body Box Assembly (Qty. 1)
- B - 1" Tin Plugs (Installed) (Qty 2)
- C - 1-1/2" Tin Plugs (Installed) (Qty. 2)
- D - Ground Screws (Installed) (Qty. 2)
- E - Ground Wire (Installed) (Qty. 1)
- F - Leveling Screws (Qty. 4)
- G - Concrete Cap (Qty. 1)



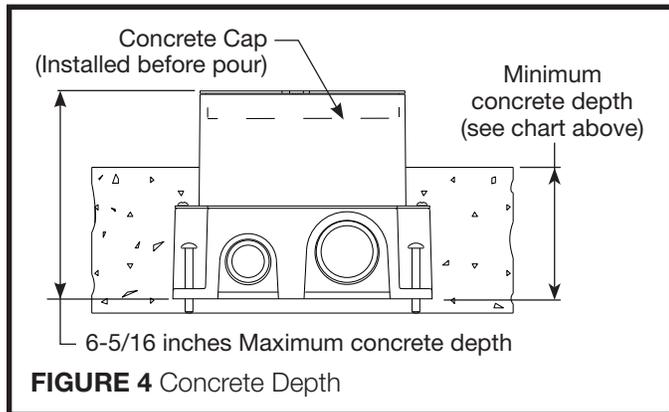
2.0 Required Parts to Activate Floor Box

1. These instructions apply to installation of the 68-HP-CI floor box only. To activate the box a mounting kit and cover must be ordered separately.
2. For Flush Power and Data order:
 - 2A. 68-HP-FC-XXX Flush Cover
 - 2B. 68-HP-FMK Flush Mounting Kit
 - See Figure 2
3. For Furniture Feed order:
 - 3A. 68-HP-FFC-XXX Furniture Feed Cover
 - 3B. 68-HP-FFMK Furniture Feed Mounting Kit
 - See Figure 3



3.0 Concrete Depth Chart

MINIMUM CONCRETE DEPTH		
Catalog Number	Minimum Floor Box Depth in Concrete	Maximum Floor Box Depth in Concrete
68-HP-FMK	4-1/2 inches	6-5/16 inches
68-HP-FFMK	4 inches	6-5/16 inches



4.0 Installation BEFORE Pouring Concrete

1. On Grade Installation:

Level and fasten the box to the form set. Use leveling screws provided with box. **Do not cut top of box.** Top of the box should protrude above or be level to the top of the finished concrete surface. See concrete chart (see Section 3.0) for minimum box depth details.

2. In Fire Rated Floor Installation:

Level and fasten the box to the form set. Use leveling screws provided with box. **Do not cut top of box.** Top of the box should protrude above or be level to the top of the finished concrete surface. See concrete chart (see Section 3.0) for minimum box depth details.



CAUTION

Provide adequate concrete thickness under box to preserve the fire rating of the floor in accordance with national and/or local building codes.

3. Connect Conduit to Box:

Use 1" NPS threaded box hubs for power and 1-1/2" NPS threaded box hubs for data.

Pry out 1" and 1-1/2" tin plugs from hubs on box. Leave plugs in place if no conduit is to be run in hub.

4. Run conduit and install into threaded hubs on side of cast iron box. Verify conduit and fittings are suitable for concrete floor per national and local electrical codes.

5. Press concrete cap in place.

5.0 Installation AFTER Pouring Concrete

1. Leave floor box and concrete cap in place in concrete until concrete hardens. The box will have to be activated prior to power connection.

2. After concrete hardens, the floor box will need to be activated with a 68-HP-FMK Mounting Kit and 68-HP-FC-XXX Cover. (Flush Service) or 68-HP-FFMK Mounting Kit and 68-HP-FCC-XXX Cover (Furniture Feed)

The instructions for activation are included with each mounting kit and cover.

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