

68-HP NONMETALLIC FLOOR BOX Installation Instructions

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

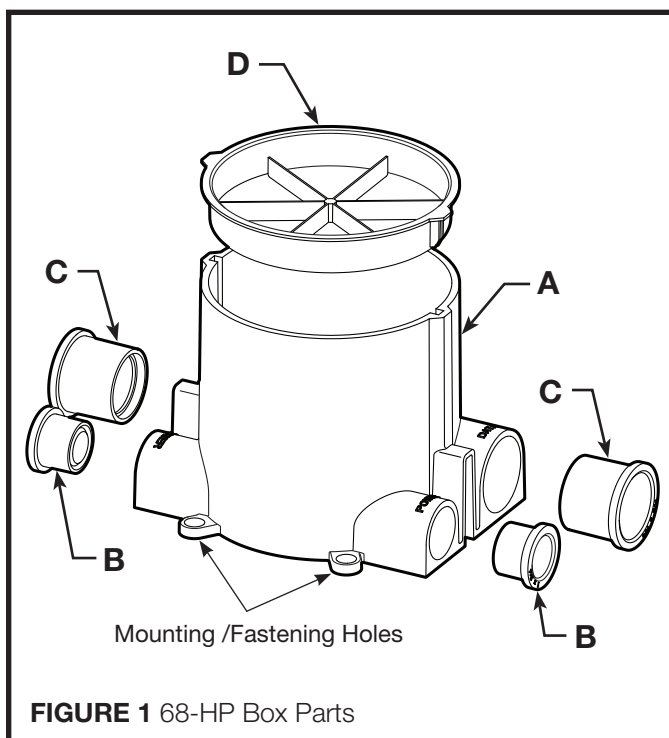


Table of Contents

1.0 Parts List for 68-HP Floor Box
2.0 Required Parts to Activate Floor Box
3.0 Concrete Depth Chart
4.0 Installation before Concrete Pour
5.0 Installation after Concrete Pour

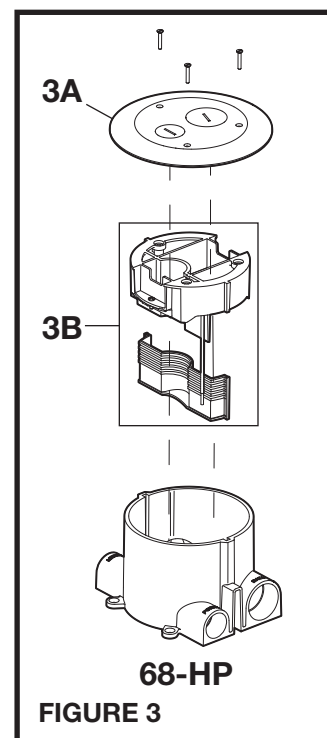
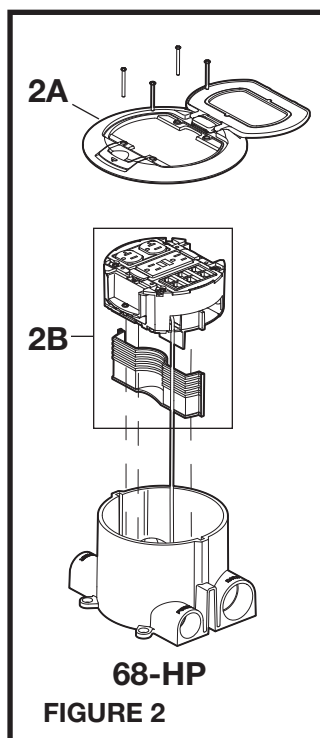
1.0 Parts List for 68-HP Floor Box

- A - Floor Box Body (Qty. 1)
- B - 3/4" x 1" PVC Conduit Reducer / Plug (Qty 2)
- C - 1-1/4" x 1-1/2" PVC Conduit Reducer Bushing (Qty. 2)
- D - Concrete Cap (Qty. 1)



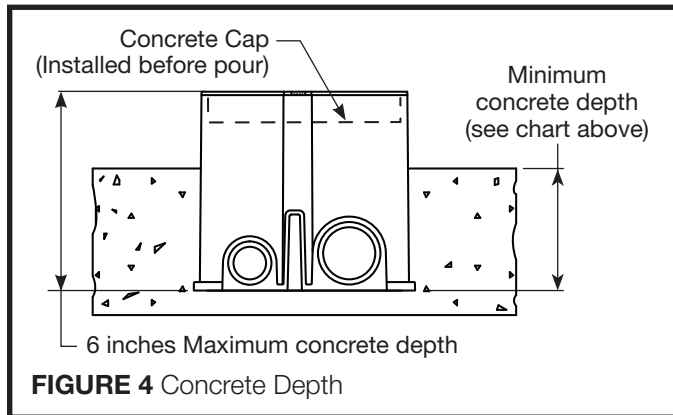
2.0 Required Parts to Activate Floor Box

- These instructions apply to installation of the 68-HP floor box only. To activate the box a mounting kit and cover must be ordered separately.
- For Flush Power and Data order:
 - 68-HP-FC-XXX Flush Cover
 - 68-HP-FMK Flush Mounting Kit
See Figure 2
- For Furniture Feed order:
 - 68-HP-FFC-XXX Furniture Feed Cover
 - 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 inches	6 inches
68-HP-FFMK	3-1/2 inches	6 inches



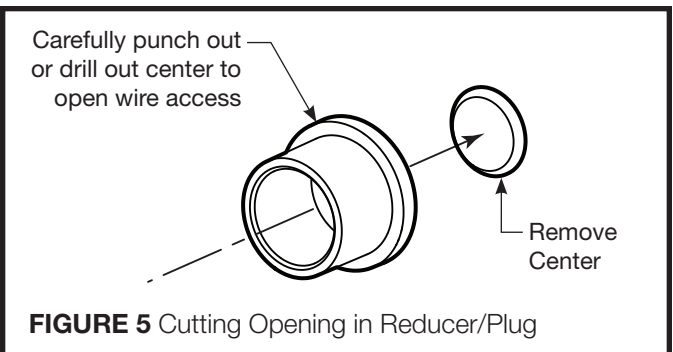
3. Connect Conduit to Box:

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

When required, use furnished reducer bushings (B) and/or (C) in Figure 1, page 1 or purchase additional sized reducers/plugs as needed.

Cement reducers and non-metallic tubing into box hubs, plug unused hubs with appropriate reducer/plugs. Reducer/plug (B) punch or drill out if needed for pass-through (See Figure 5)

(See PVC cement/solvent Caution Note on Page 1)



4.0 Installation BEFORE Pouring Concrete

1. On Grade Installation:

Level and fasten the box to the form set.

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.

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.

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.

WARRANTY: Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of this product for the user's intended application. Thomas & Betts warrants that this product will be free from defects in materials and workmanship for a period of ninety (90) days following the date of purchase. Upon prompt notification of any warranted defect, Thomas & Betts will, at its option, repair or replace the defective product or refund the purchase price. Proof of purchase is required. Misuse or unauthorized modification of the product voids all warranties.

Limitations and Exclusions: THE ABOVE WARRANTY IS THE SOLE WARRANTY CONCERNING THIS PRODUCT, AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED. LIABILITY FOR BREACH OF THE ABOVE WARRANTY IS LIMITED TO COST OF REPAIR OR REPLACEMENT OF THE PRODUCT, AND UNDER NO CIRCUMSTANCES WILL THOMAS & BETTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.