

MORTEX™

Manufactured Housing Products

90-DCBO-02

DUCT CONN ASSY 1-8 IN, BMH
BASE PAN & DUCT CONNECTOR

This base pan & duct connector will adapt BMH Electric Furnaces to Manufactured Home aluminum or ductboard in-floor supply ducts. The duct connector has an air inlet opening of 14"x14" and a supply opening (to the trunk duct) of 11"x13". The aluminum connector floor flanges are pre-scored to bend-over when ducts are located under 2x6-floor joists, or under 2x8 floor joists. Slitting the flange corners allows re-bending when the connector ties in to a duct located below 2x2 or 2x4 floor joists or immediately under the ¾" floor decking.

The base pan covers the bend-over floor flanges of the connector and forms a solid mounting surface for the furnace.

Replacement Furnace Installation:

1. Cut a 14-1/8" x 14-1/8" square opening in the floor deck measured 5-1/2" to 6-1/2" from the back edge of the furnace cabinet and centrally located on the furnace centerline, left to right.
2. If the existing trunk duct opening is misaligned below the floor cut out or larger than 11"x13", close the duct opening using an aluminum or fiberglass duct board patch ..
3. Secure the patch with screws, foil duct tape and duct mastic to prevent leaks.
4. Position the duct connector through the 14-1/8"x14-1/8" floor opening with long connector tabs lying flat on the duct. Note eight (8) oblong holes at the connector corners . With an ink marker, locate these holes to the top duct surface.
5. Remove the duct connector.
6. Using a straight edge and ink marker, connect the location made in
7. Slit the corners of the connector flanges which extend above the floor. Bend the flanges down and secure to the floor with nails, flat head screws or staples.
8. Install the furnace base pan with three (3) ½" tall side flanges pointing up. The 4th side with no flange will face towards the front of the furnace.
9. Secure the base pan to the floor with nails or flat head screws through holes provided.
10. Slide the BMH furnace on to the base pan and push back until the furnace butts up to the rear flange of the pan.

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Continue with the furnace installation.

