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COMMERCIAL SPLIT SYSTEM KITS AND ACCESSORIES

506614-01
08/2010

TP Technical
Publications
LITHO U.S.A.

DRIP SHIELD KIT

INSTALLATION INSTRUCTION FOR TAA DRIP SHIELD KIT (73W88)

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause personal injury, loss of life, or damage to property.

Installation and service must be performed by a licensed professional installer (or equivalent) or a service agency.

⚠ WARNING



Electric Shock Hazard. Can cause injury or death. Unit must be grounded in accordance with national and local codes.

Line voltage is present at all components when unit is not in operation on units with single-pole contactors. Disconnect all remote electric power supplies before opening access panel. Unit may have multiple power supplies.

⚠ CAUTION

Physical contact with metal edges and corners while applying excessive force or rapid motion can result in personal injury. Be aware of, and use caution when working near these areas during installation or while servicing this equipment.

Shipping and Packing List

Check kit for shipping damage. Consult last carrier immediately if damage is found.

8 - #10-16 X 3/8 S.M.S.

1 - Aluminum foil tape (100 inches)

3 - Drip shield

1 - Permthane® Polyurethane Sealant (10.3 oz.)

Application

This kit addresses improper condensate drainage by extending the drip shield and sealing possible leak points. It is for use on TAA split systems in horizontal or vertical applications.

Installation

1. Disconnect power to unit.
2. Remove filter access panels.
3. Remove filters.
4. Remove the two screws per filter rack (see figure 1).

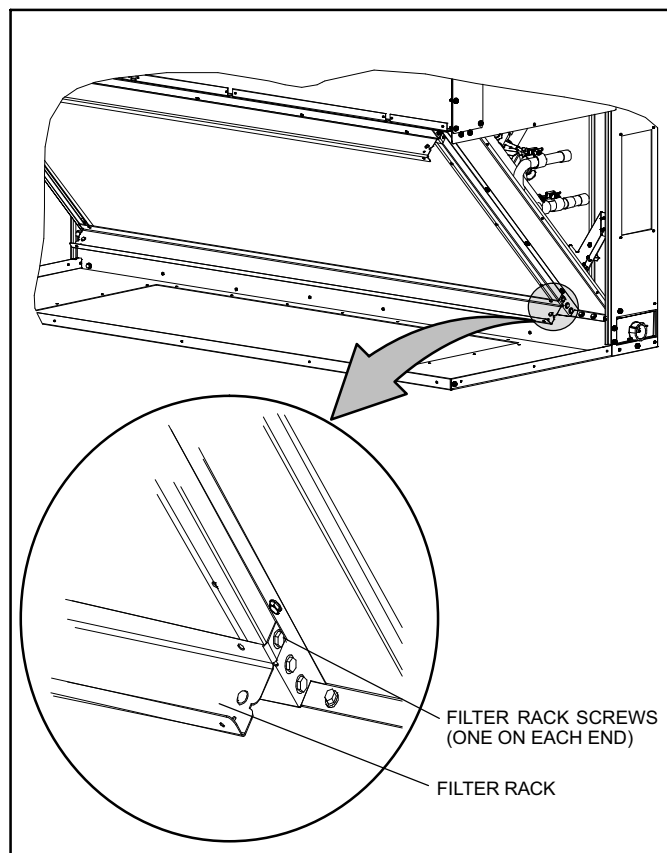


Figure 1. Filter Rack Screw Removal

5. Remove filter rack (see figure 2).



6. Remove drip shield screws (see figure 2):
 - a TAA072/090: remove (4) screws
 - b TAA120/150: remove (5) screws
 - c TAA180/240: remove (6) screws

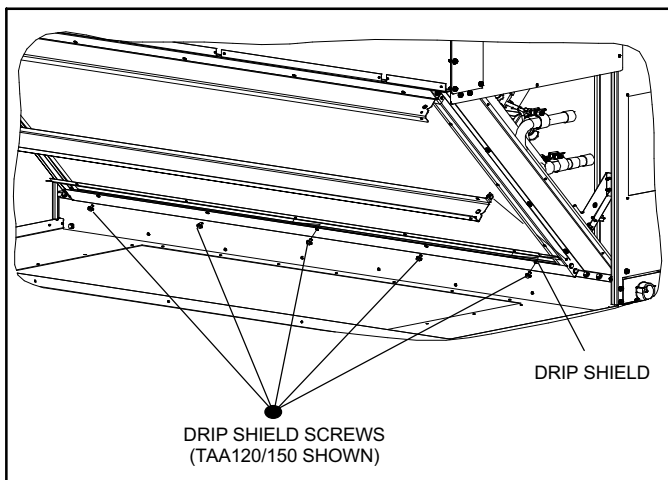


Figure 2. Typical Drip Shield Screws

7. Remove drip shield (see figure 2)
8. Install segmented drip shield using the same engaging holes as in step 6.
 - a Refer to figure 3 for drip shield engaging hole locations.
 - b One screw may be used in multiple engaging holes where drip shields overlap.
 - c Verify that the drip shield sufficiently hangs over the drain pan.

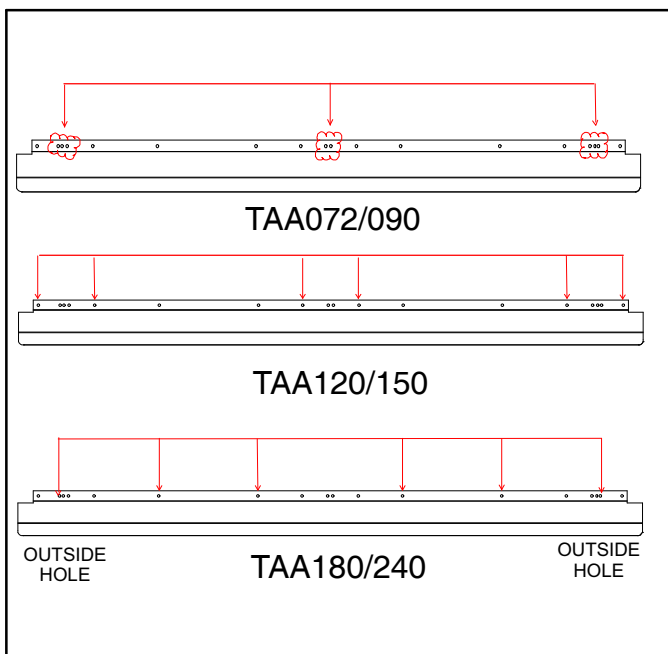


Figure 3. Drip Shield Engaging Holes

9. Apply sealant to the seams where each drip shield overlaps another (see figure 4):
 - a TAA072/090/120/150: (1) place
 - b TAA180/240: (2) places

- c Completely cover the seams with sealant.

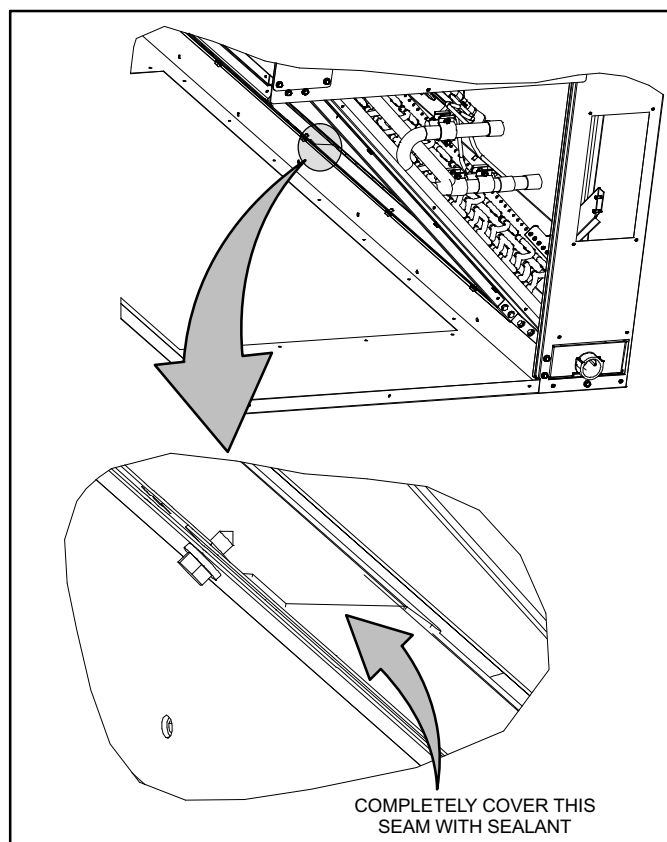


Figure 4. Applying Sealant to Overlapping Drip Shields

10. Apply sealant to the edges of the drip shield where it meets the coil supports at each end of the coil (see figure 5):
 - a All models: (2) places
 - b Completely cover the edges and fill any gaps with sealant.

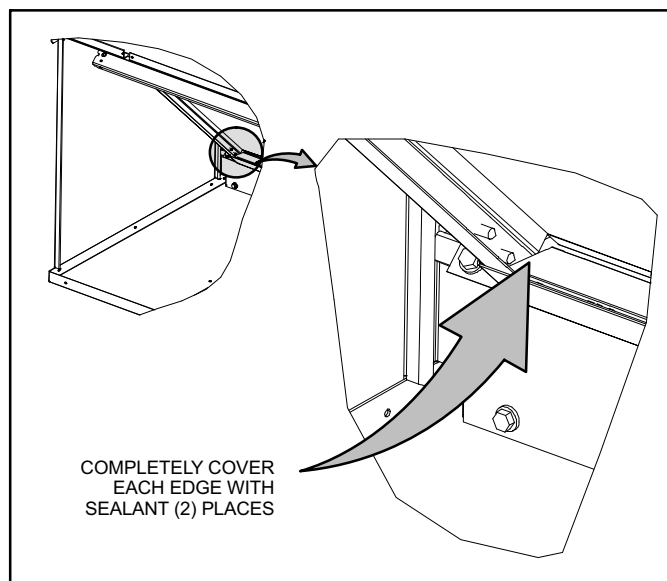


Figure 5. Applying Sealant to Edges of Drip Shield

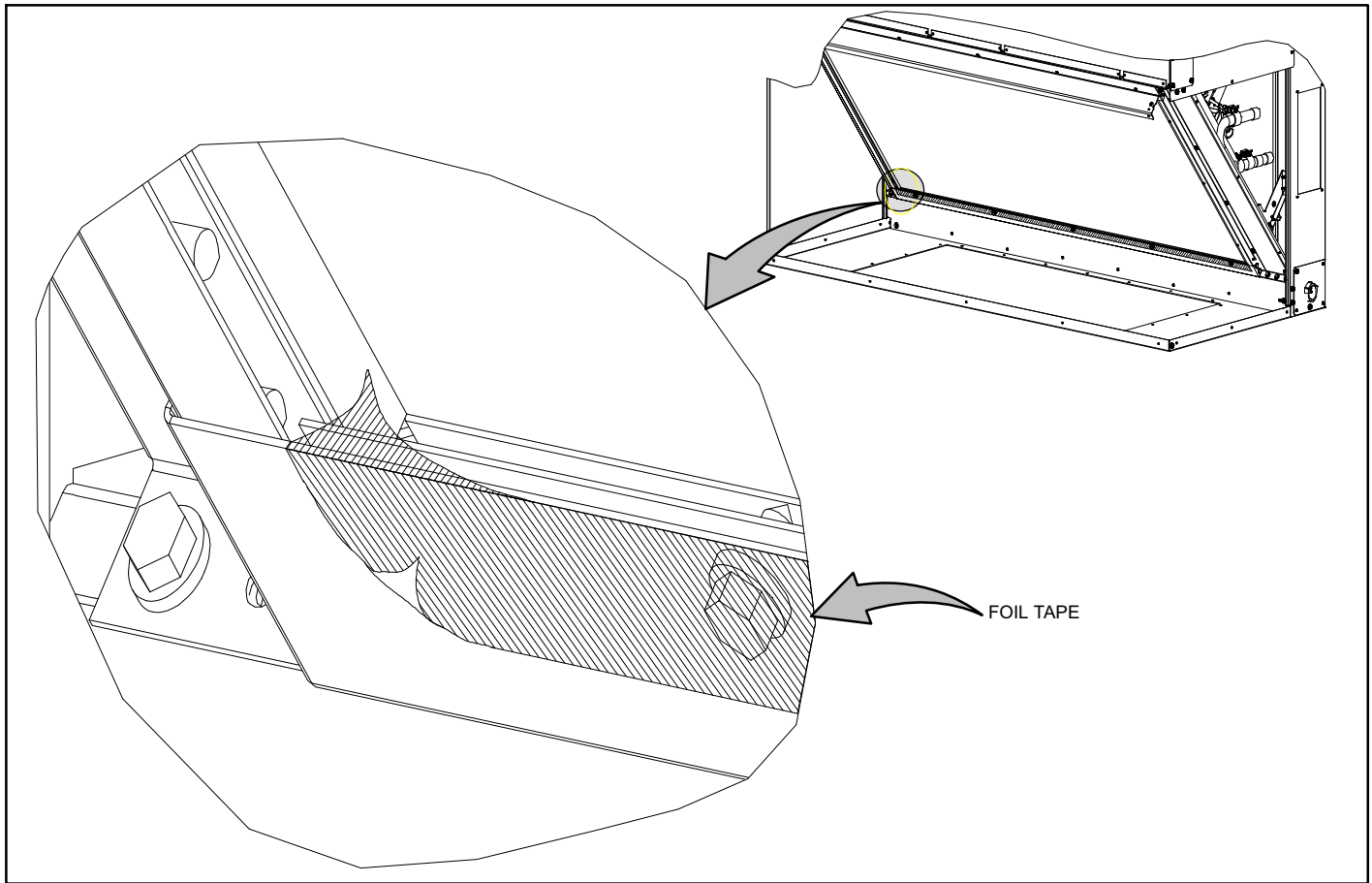


Figure 6. Applying Foil Tape to Drip Shield

11. Apply foil tape to entire length of drip shield to seal unused engaging holes (see figure 6).
 - a The foil tape should adhere to the bottom of the filter rack seal, wrap over and adhere to the top of the drip shield.
 - b The screws used to install the drip shield will protrude through the tape.
12. Reinstall filter rack using the same engaging holes as in step 4.
13. Apply sealant to the location shown in figure 7. Completely fill the gap where the drip shield extends through the coil support.

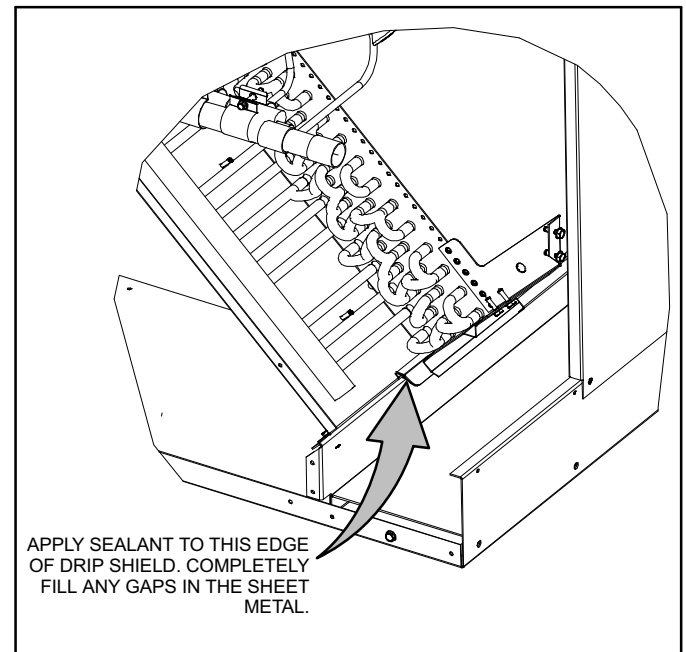


Figure 7. Applying Sealant to Drip Shield Edge

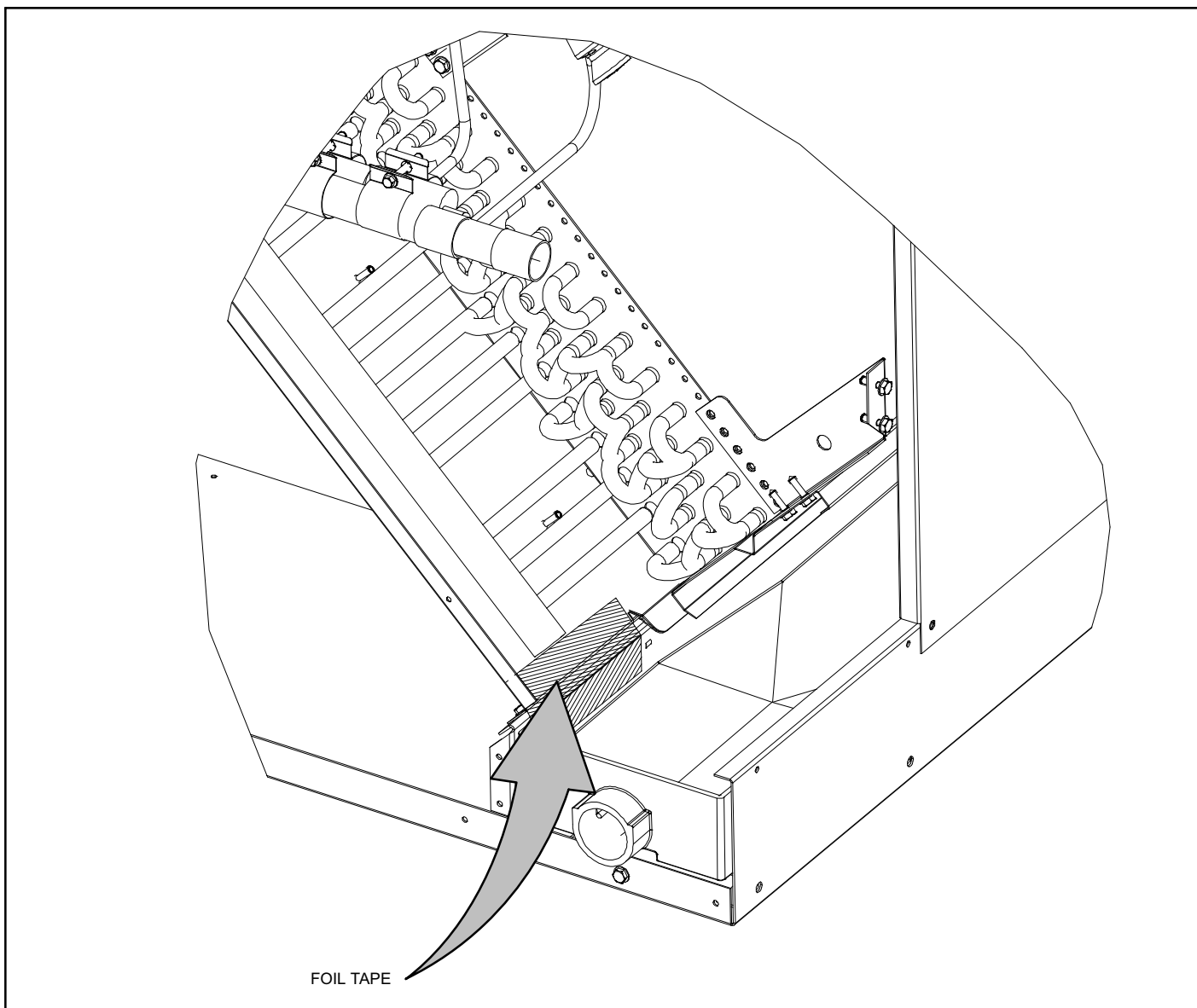


Figure 8. Applying Foil Tape to Coil Support

14. Apply foil tape to coil support under manifolding (see figure 8).

NOTE - It may be necessary to clean the sheet metal and drain pan before applying the tape.

15. Reinstall filters.

16. Replace filter access panels.

17. Restore power to unit.