

**INSTALLATION INSTRUCTIONS FOR REPLACING HEAT PUMP COIL
 IN ELITE®, DAVE LENNOX SIGNATURE® COLLECTION, AND
 S-CLASS™ COMMERCIAL SPLIT SYSTEM HEAT Pumps**

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General

This document provides coil replacement instructions supporting these models:

- XP19-024 through -060
- XP16-024 through -060
- XP15-024 through -060
- XP13-018 through -060
- HP13-018 through -060
- SPB-036 through -060

Shipping & Packing List

Package 1 of 1 contains:

- Heat Pump coil (qty 1)
- Bag assembly (qty 1) including:
 - 1 - 3/8" Coupling
 - 1 - 7/8" Coupling
 - 1 - Kit Installation Instructions (this manual)

Check the replacement coil for shipping damage. If you find any damage, immediately contact the last carrier.

Requirements

Verify that the coil has holding charge. Remove the cap from the discharge stub and press the valve core. The coil

should have approximately 10 psi dry air holding charge. If there is no charge, repressurize the coil and check for leaks or any damage to the coil that may have caused a leak.

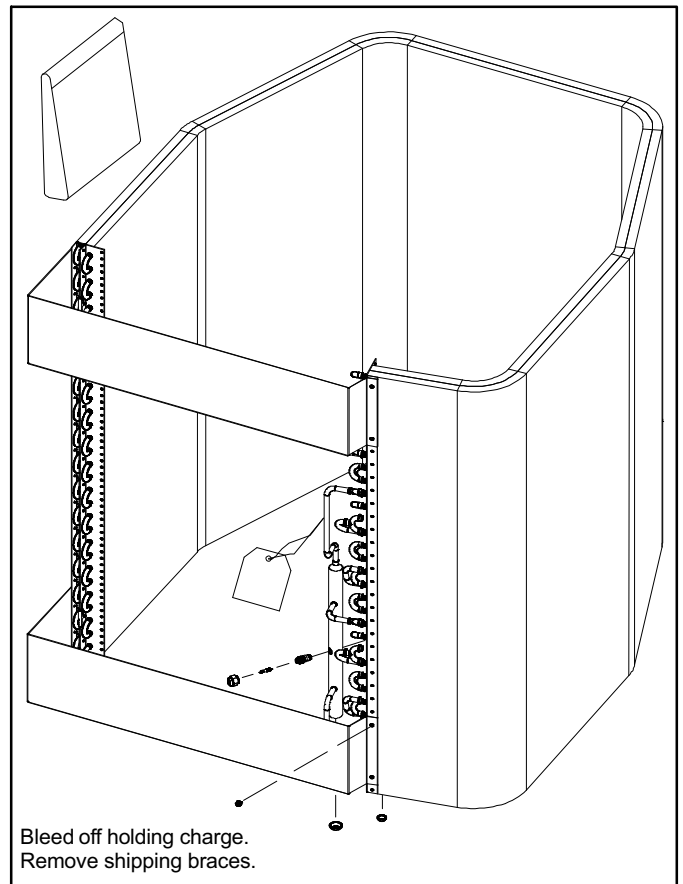


Figure 1. Replacement Heat Pump Coil



Installation - most models

⚠ WARNING

This is text for warnings caution or important . Be sure to apply these tests:

1. Disconnect all power to the unit.
2. Reclaim the refrigerant from the unit.
3. Remove access panel, side (louvered) panels, top panel, and corner posts. Remove the screws that attach the coil endplate to the control box and compressor enclosure. Keep the screws.
4. Unscrew the liquid service and suction valve brackets from the coil.
5. Figure 2 is a typical internal view of the most models. Figure 3 is a typical internal view of XP15 AND XP19 models. The circled area in the diagrams identify where the following cuts will be made.
6. Remove TXV bulb from suction line.
7. Wrap a wet cloth around the valve to protect it from heat damage. Sweat off the distributor from the expansion valve.
8. Use a tubing cutter to cut the manifold approximately one inch from the bottom feeder tube. Cut the bottom feeder tube approximately one inch from its elbow.
9. Remove the existing coil.
10. Install the replacement coil assembly.
11. Depress the valve core to remove the holding charge. Use a tubing cutter to cut the manifold approximately one inch from the bottom feeder tube. Cut the bottom feeder tube approximately one inch from its elbow.
12. Sweat the plug from the end of the distributor.
13. Align the manifold and feeder tube on the replacement coil with those in the unit. Install the provided couplings between the two tubes. Sweat the couplings into place. See figure 4.
14. Sweat the distributor to the expansion valve.
15. Reattach the liquid and suction service valves.
16. Replace the screws that attach the coil endplate to the control box and compressor enclosure.
17. Replace the corner posts, side (louvered) panels, and top panel.
18. Refer to the unit installation instructions for leak testing, evacuation, and start-up procedures. Charge the unit as outlined in the installation instructions or according to the charging sticker.
19. Once you have installed the replacement coil, start the compressor and observe the discharge line. Verify that there is minimal vibration between the shock loop and the manifold on the outdoor coil's discharge line.
20. If there is visible motion, apply weight kit number 38K46 to the discharge line. Install the weight kit on the horizontal run after the shock loop, or other suitable area to achieve acceptable results. Rotate the weight kit on the tubing to change vibration characteristics.
NOTE - Visible motion could result in a future failure of the replacement coil.
21. Replace access panel.

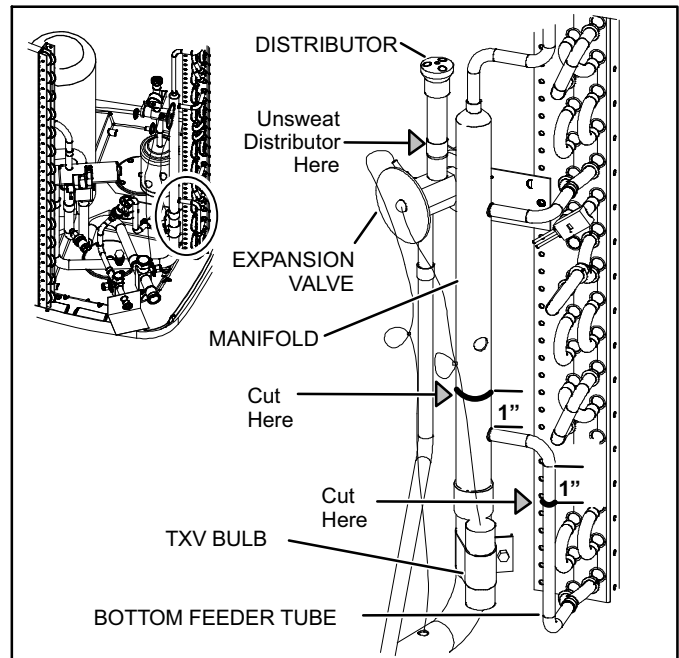


Figure 2. Coil Cut Locations - Most Models

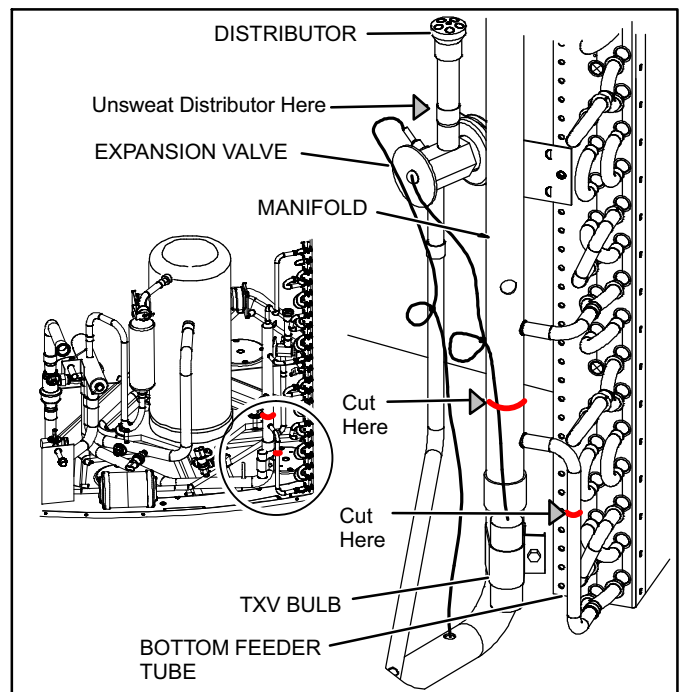


Figure 3. Coil Cut Locations - XP15/XP19

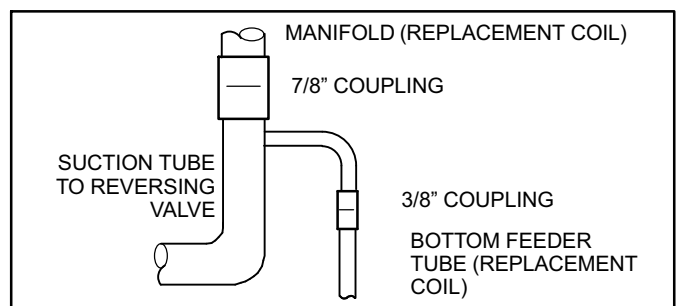


Figure 4. Replacement Line & Coupling