

Installation Instructions

EBAC(01,02,03,04,05)DPK Horizontal Drain Pan for EBP, EBX, EBW, EBV Series Fan Coils for FVM, FEM, FSM, FSU Series Fan Coils

All units must have the horizontal drain pan kit installed for either left or right hand applications.

CAUTION

A field-fabricated auxiliary drain pan, with a separate drain is **REQUIRED** for all installations over a finished living space or in any area that may be damaged by overflow from the main drain pan. In some localities, local codes require an auxiliary drain pan for **ANY** horizontal installation.

Refer to Installation Manual for electric furnace or fan coil for additional information.

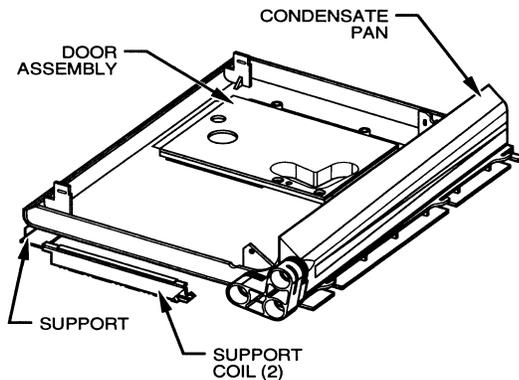


Fig. 1—Drain Pan Kit

INSTALLATION

If it is determined that the system does not have leaks, and the refrigerant is not contaminated, proceed as follows:

1. Recover system refrigerant.
 - a. Attach gage/manifold set to service valves.
 - b. Start unit in cooling mode.
 - c. Front seat (close) liquid line service valve.
 - d. Operate unit until vapor pressure reaches 5 psig (35kPa).
 - e. Turn off electrical supply to outdoor unit.
 - f. Front seat (close) vapor service valve.
 - g. Recover any remaining refrigerant.

NOTE: All condenser coils hold only a factory-supplied amount of refrigerant. Excess refrigerant, such as in long-line applications, may cause compressor internal pressure relief valve to open (indicated by sudden rise in vapor pressure) before vapor pressure reaches 5 psig (35kPa). If this occurs, turn off electrical supply to outdoor unit immediately, front seat (close) vapor service valve, and recover any remaining refrigerant.

2. Turn off electrical supply to indoor unit.

3. Disconnect condensate drain line.

WARNING: Do not use torch to remove components. Oil may catch fire causing personal injury or death. Use tubing cutter.

4. Disconnect liquid and vapor lines from indoor coil (use a tubing cutter to cut the lines).

5. Remove coil access blower and fitting panels.

6. Remove 1 screw securing coil to unit casing.

7. Remove coil/pan assembly from unit.

8. Place assembly on a flat surface. Remove 2 screws securing coil support columns to pan. (See Fig. 2 on Pg. 2)

9. Rotate columns 90 degrees, pull away from coil, and remove columns from assembly.

10. Remove remaining 2 screws securing coil to condensate pan.

11. Remove coil from condensate pan.

12. Discard old drain pan and supports

13. Remove kit from carton.

14. Snap metal pan support (ski) into bottom of drain pan.

15. Slide coil into pan assemble.

16. Snap in supports.

17. Secure coil to pan with 2 sheet metal screws.

18. Re-install coil/pan assembly into unit casing.

19. Secure with 1 screw into unit casing.

20. Install new fitting panel.

21. Replace coil access blower panels.

22. Reconnect liquid and vapor refrigerant lines and condensate drain line. Install filter drier(s) if necessary.

NOTE: If a torch is used to unbrazed the line set, protect the fitting panel with a wet cloth or braze shield as necessary.

23. Evacuate line set and indoor coil.

24. Back seat (open) liquid and vapor service valves.

25. Turn on electrical supplies to indoor and outdoor units.

26. Check system refrigerant charge and operation.

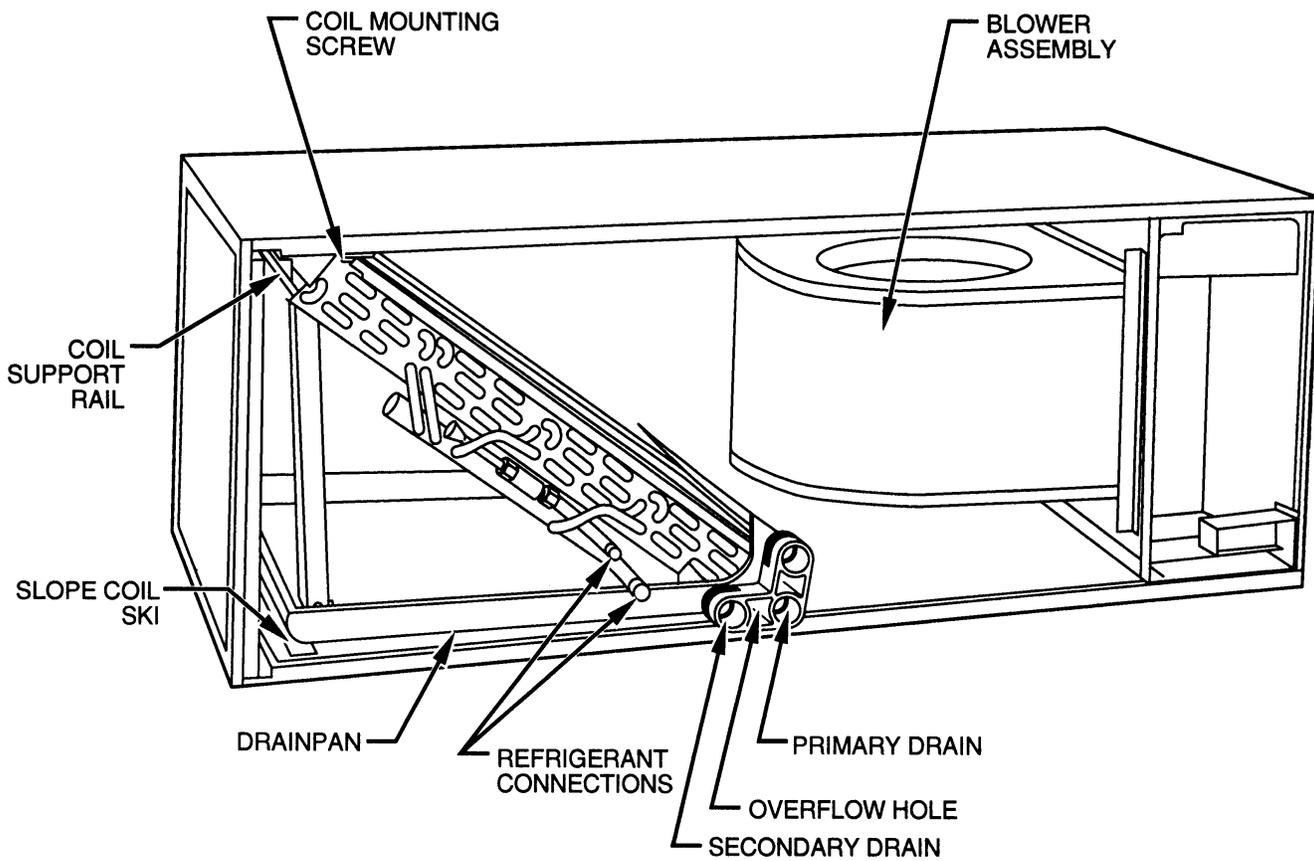


Fig. 2—Horizontal Installation of Drain Pan Kit