

Large Packaged Rooftop Units 12½ to 25 Tons Accessory Hydronic Coil

Cancels: New

IHK 542J-150-16
2/1/99

Installation Instructions

Part No. CRHYCOIL001A00

GENERAL

The accessory hydronic coil package (Fig. 1) contains:

- 1 — Hydronic Coil
- 2 — Support Rails
- 2 — Block-Off End Plates
- 8 — Self-Drilling Screws
- 8 — Sheet Metal Screws

INSTALLATION

NOTE: Disconnect all power to unit before proceeding.

1. On control box side of unit: remove the electric heater access panel, unit control box access panel, and condenser fan access panel (Fig. 2). Remove center posts and electric heater cover plate. See Fig. 3.
2. On compressor side of unit: remove electric heater access panel and electric heater cover plate.

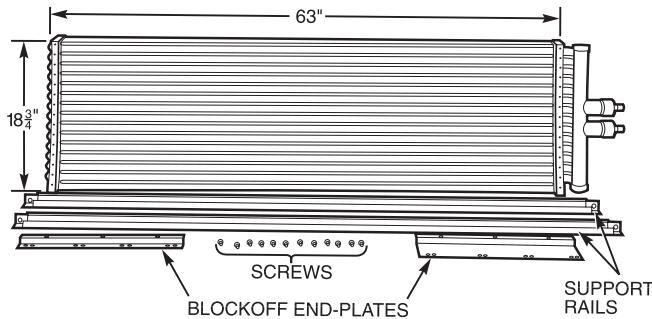


Fig. 1 — Hydronic Coil Assembly

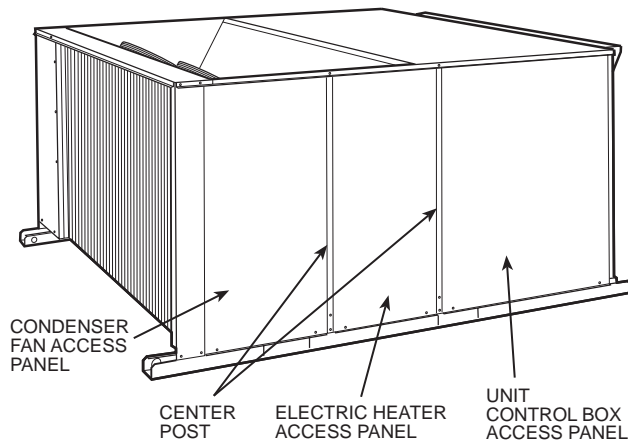


Fig. 2 — Base Unit Details

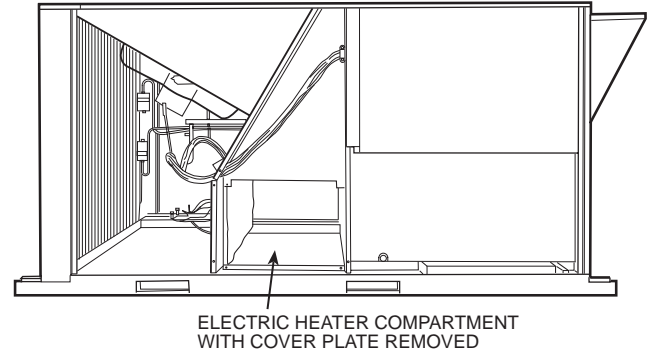


Fig. 3 — Base Unit with Access Panels and Heater Cover Plate Removed

3. Install support rails along each side of electric heater compartment as shown in Fig. 4. Opening between support rails must be wide enough to allow block-off end plates to fit between them. Using self-drilling screws, secure support rails to basepan end support as shown in Fig. 4.
4. Using sheet metal screws provided, mount block-off end plates to hydronic coil as shown in Fig. 5 and 6.
5. Slide coil along support rails into electric heater compartment. Header end should be on control side of unit.
6. Secure hydronic coil to base of unit with self-drilling screws provided (Fig. 7).

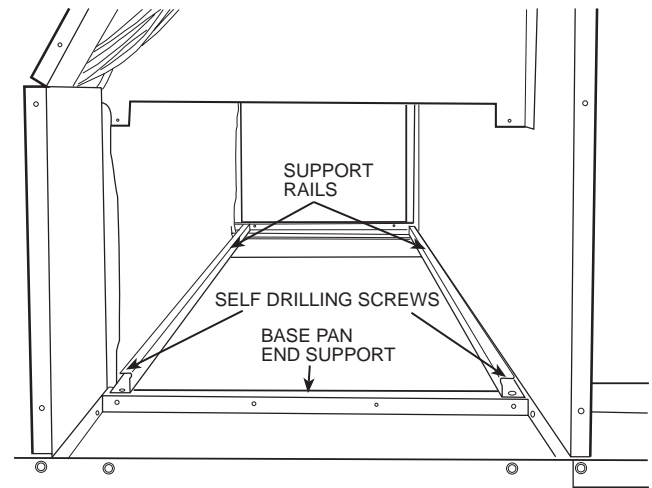


Fig. 4 — Support Rails Installation Details

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

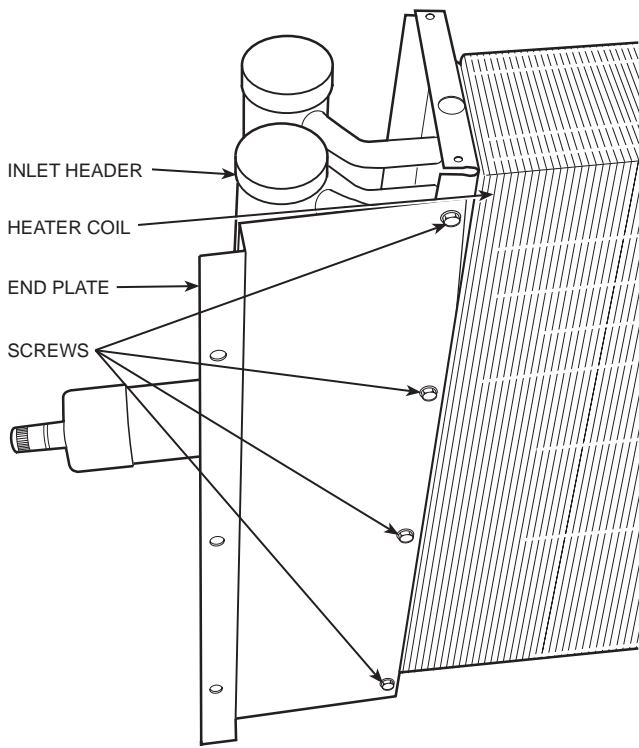


Fig. 5 — End Plate Installed, Header End

7. Referring to dimensions shown in Fig. 8 cut in heater cover plate (control box side). Replace both cover plates and make necessary connections to water supply. Supply can be brought in through base rails of unit or through heater access panel. Bottom header is for water inlet (Fig. 7).

8. Replace center posts and all access panels.

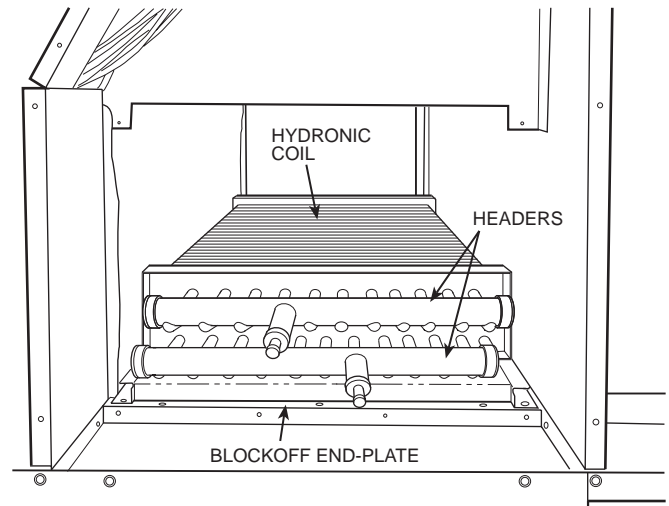


Fig. 7 — Hydronic Coil Installed in Unit

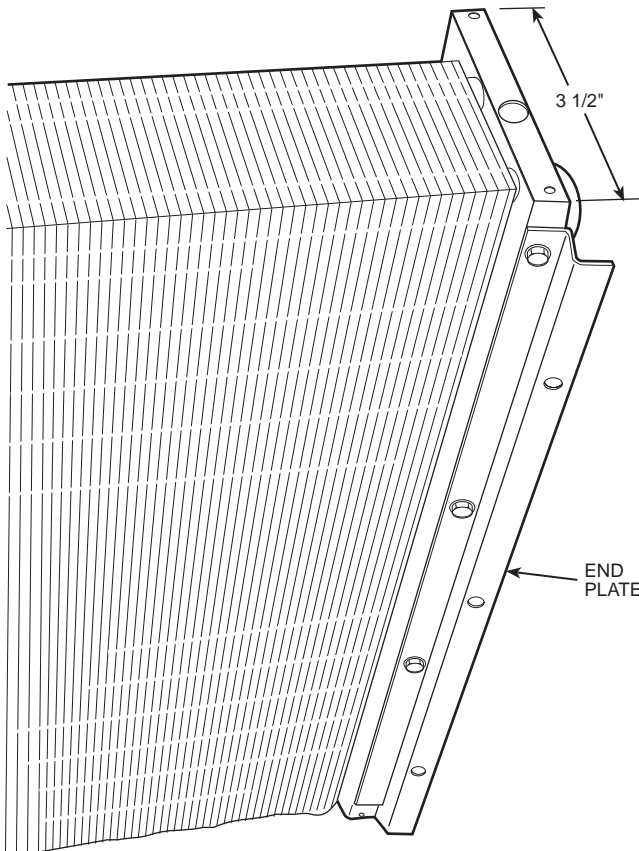


Fig. 6 — End Plate Installed

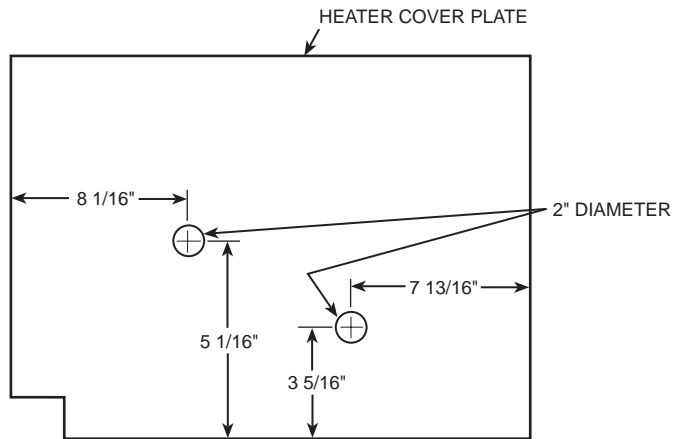


Fig. 8 — Electric Heater Cover Plate, Water Supply Access Details