

# Coil Support Kit - EB Evcon

## Installation Instructions

### For Evcon/Coleman Models EB Series Electric Furnaces

This conversion package is for use on Evcon / Coleman EB electric furnaces when adding a split system air conditioner or heat pump. Both systems are listed for installation into the Evcon / Coleman furnace.

**Note: Fill in the information on the installer label supplied with this adaptor package and apply the label to the furnace in a visible location.**

### IMPORTANT INFORMATION

Read all instructions carefully before starting the installation. Specifications or designs are subject to change or to discontinuance without notice and without incurring obligations.

#### **WARNING:**

**Improper installation may damage equipment, can create a hazard, and will void the warranty.**

#### **DANGER:**

**Shut off electrical supply to the furnace at the household breaker box to prevent electrical shock which could cause personal injury.**

Air Conditioning (A/C) Systems	Heat Pump (H/P) Systems	Power Miser Systems
<p>1. One of the following unit combinations:</p> <p>Outdoor (A/C) Section            AC*/CN**, *S(1)**-018*            AC*/CN**, *S(1,2,3)**-024*            AC*/CN**, *S(1,2,3)**-030*            AC*/CN**, *S(1,2,3)**-036*            AC*/CN**, *S(1,2,3)**-042*            AC*/CN**, *S(1,2,3)**-048*            AC*/CN**, *S(1,2,3)**-060*</p> <p>Indoor (Coil) Sections            AA*-024*, *C(1,3)**-024*            AA*-030*, *C(1,3)**-030*            AA*-036*, *C(1,3)**-036*            AA*-042*, *C(1,3)**-042*            AA*-048*, *C(1,3)**-046*            AA*-048*, *C(1,3)**-054*</p> <p>2. Coil Conversion Package for C1 coils p/n 913221 (-024 through -046 only). Filter kit for C3 coils p/n 914567 (-024 through -046 only) or p/n 914650 (-054 only).</p> <p>*May contain additional prefix or suffix.</p>	<p>1. One of the following unit combinations:</p> <p>Outdoor (H/P) Systems            PC*-018*, *T(1)**-018*            PC*-024*, *T(1,2,3)**-024*            PC*-030*, *T(1,2,3)**-030*            PC*-036*, *T(1,2,3)**-036*            PC*-042*, *T(1,2,3)**-042*            PCS*-048*, *T(1,2,3)**-048*            *T(1,2,3)**-060*</p> <p>Indoor (Coil) Section            PA*-024*, *C(1,3)**-024*            PA*-030*, *C(1,3)**-030*            PA*-036*, *C(1,3)**-036*            PA*-042*, *C(1,3)**-042*            PAS*-048*, *C(1,3)**-046*            PAS*-048*, *C(1,3)**-054*</p> <p>2. Coil Conversion Package for C1 coils p/n 913221 (-024 through -046 only). Filter kit for C3 coils p/n 914567 (-024 through -046 only) or p/n 914650 (-054 only).</p> <p>3. Wall Thermostat and Sub-base Assembly p/n 912930 (I) or p/n 912932 (M).</p> <p>*May contain additional prefix or suffix.</p>	<p>1. One of the following unit combinations:</p> <p>Outdoor System            *K(1,2)**-024*            *K(1,2)**-036*</p> <p>Compressor Section            *I(1,2)**-024*            *I(1,2)**-036*</p> <p>Indoor (Coil) Section            *C(1,3)**-024*            *C(1,3)**-036*</p> <p>2. Coil Conversion Package for C1 coils p/n 913221 (-024 through -046 only). Filter kit for C3 coils p/n 914567 (-024 through -046 only) or p/n 914650 (-054 only).</p> <p>3. Wall Thermostat p/n 913224 (I) or p/n 913223 (M); Sub-base p/n 913225 (Auto Changeover) or p/n 913226 (Manual).</p> <p>*May contain additional prefix or suffix.</p>

**Table 1. Listed Combinations and Accessories**

These instructions are primarily intended to assist qualified individuals experienced in the proper installation of heating and/or air conditioning appliances. Some local codes require licensed installation/service personnel for this type of equipment. Read all instructions carefully before starting the installation.

## Installation

1. Remove the furnace door and switch the circuit breaker(s) to OFF.
2. Install coil shelf (see Figure 1):
  - a. Install the coil shelf in the upper portion of the furnace cabinet using the lower holes provided. Attach the back left and back right sides of the coil shelf with two screws. For simplicity, use an extension on a screw gun or a hand held screw driver.
  - b. Attach the front left and front right sides of the coil shelf with two screws.
3. Install the A-Coil in the cabinet on top of the coil shelf. Secure with the hold down bracket and two screws. (see Figure 1)
4. Air Filter(s):
  - a. Use of the standard furnace air filter (supplied with the furnace) is recommended. If the furnace is not provided with a filter, use the coil air filters shipped with the coil conversion kit or filter kit. (see Table )
  - b. Select the desired filtering method and be sure to remove and discard the other filter(s).  
**Do Not Use a Double Air Filtration System.**
5. Refrigerant and Drain Lines:
  - a. Remove the knock-out at the front left corner of the furnace bottom.
  - b. Install the back close-off plates in the bottom knock-out and in the hole in the coil shelf. (see Figure 2)
  - c. Refer to the coil installation instructions for refrigerant and drain line installation.
  - d. Install the front close-off plates in the bottom knock-out and in the hole in the coil shelf to protect and secure the refrigerant and drain lines. (see Figure 2) Two holes are provided in the coil shelf for securing the plate with screws. Two 1/8" holes must be drilled in the bottom of the furnace to screw down the other plate.
6. Complete the system installation and wiring connections per the air conditioning or heat pump installation instructions.

\* **NOTE: Figure 2 shows close-offs in coil shelf. Be sure to repeat process in bottom knock-out.**

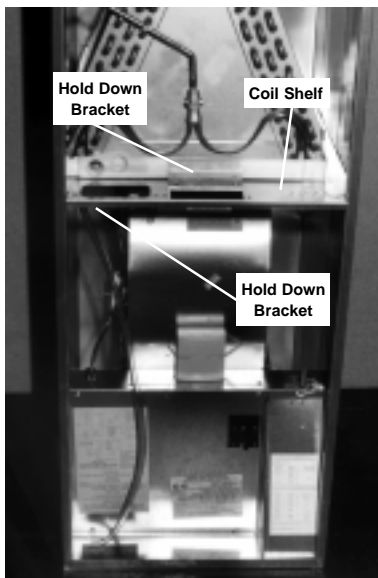


Figure 1: Coil Shelf

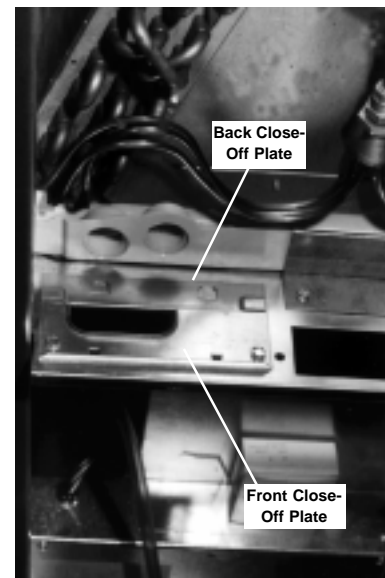


Figure 2: Close-off Plates

707360A (Replaces 7073600)

Specifications and illustrations subject to change without notice and without incurring obligations.  
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