

ACCESSORY KIT INSTALLATION MANUAL

ELECTRIC HEATER ACCESSORY – ECL SERIES

FOR USE WITH MODELS: AHX61D4PH21 AND AHX61D4P121

GENERAL INFORMATION

▲ WARNING

ELECTRICAL SHOCK HAZARD

Installation or repairs made by unqualified persons can result in hazards to you and others. Installation must conform with local building codes or, in the absence of local codes, with National Electrical Code ANSI/NFPA 70-current edition and Fire Codes, NFPA 90A and 90B.

The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

Shut OFF electric power at unit disconnect and/or service panel before beginning the following procedures.

Failure to carefully read and follow all instructions in this manual can result in malfunction, property damage, personal injury, and/or death.

Verify edges of foil faced insulation are not in contact with any exposed electrical connections.

A means of strain relief and conductor protection must be provided at the supply wire entrance into cabinet.

Use copper conductors only.

This instruction covers the physical installation of the following electric heaters with AHX61 single piece air handlers. These electric heat accessories are used for applications of cooling with electric heat and heat pump with electric heat. Refer to unit instructions for electrical specifications.

TABLE 1: Kits Available

Kit Part #	Description
S1-ECL05	5KW Heat Strip w/ Circuit Breaker
S1-ECL10	10KW Heat Strip w/ Circuit Breaker
S1-ECL15	15KW Heat Strip w/ Circuit Breaker
S1-ECL20	20KW Heat Strip w/ Circuit Breaker
S1-ECL25	25KW Heat Strip w/ Circuit Breaker
S1-ECL30	30KW Heat Strip w/ Circuit Breaker

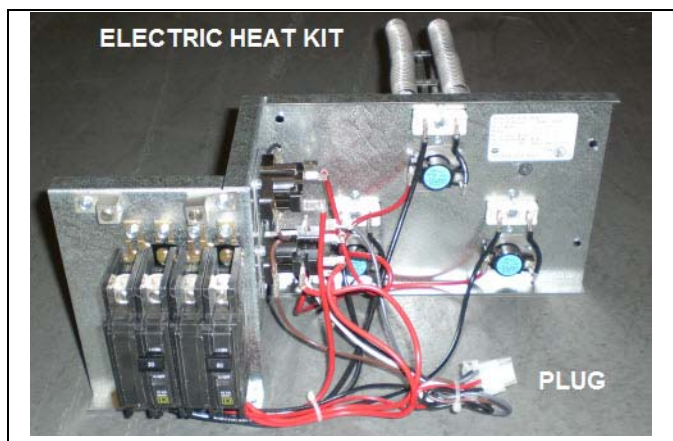


FIGURE 1:

INSTALLATION

1. Refer to Table 1 for appropriate kit.
2. Check kit for physical damage, do not install damaged kit.
3. Remove the upper access panel from air handler.
4. Unplug the Mate-n-Lock connector (Refer to Figure 3) and Remove block-off plate or existing heater kit from air handler by removing 6 screws. See Figure. 2.
5. Slide the heater kit into the slot and secure element plate to divider deck with the 6 previously removed screws.
6. Insert power leads into the circuit breaker lugs or terminal block and tighten. See Figure. 3.
7. Connect ground wire to ground lug. See Figure. 3.
8. Plug in the Mate-N-Lock connector.
9. Break out appropriate number of circuit breaker openings on the access panel of the air handler.
10. Mark an X in the appropriate box on the indoor unit data plate for the particular heater installed.

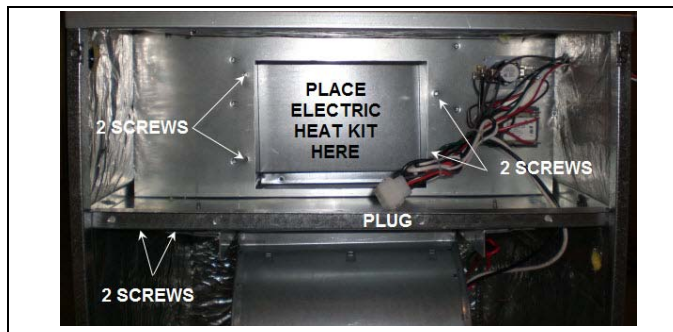


FIGURE 2:

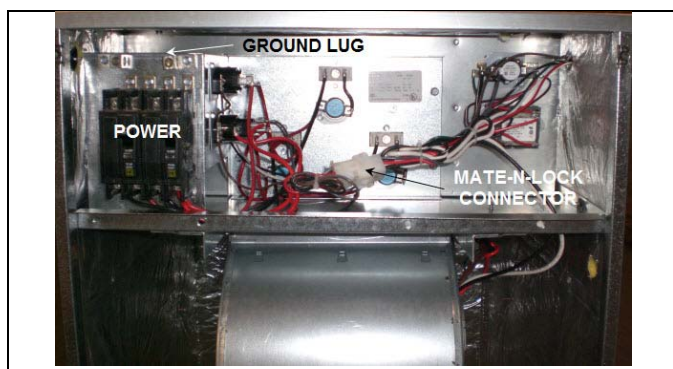


FIGURE 3: