

Field CMF Heat Exchanger Replacement Kit, #902808

Installation Instructions

For CMF Series Furnaces

IMPORTANT: Read these instructions and the CMF Installation Instructions carefully before beginning the installation.

GENERAL

These instructions are primarily intended to assist qualified individuals experienced in the proper replacement of heat exchanger replacement of the CMF furnaces in the field.

Contents of Kits

1. Installation Instructions.
2. Complete Heat Exchanger Assembly.
3. 2- Stop Brackets for the Heat Exchangers.
4. 4 – Self Tapping Screws

WARNING:

The Heat Exchanger must be replaced by a qualified service technician in accordance with these instructions and all codes having jurisdiction. Failure to follow these instructions could result in serious injury, property damage, or death. The qualified service technician performing this work assumes responsibility for this furnace heat exchanger replacement.

REPLACING HEAT EXCHANGER

- A. Disconnect the power, thermostat wire, and fuel supply.
- B. Disconnect roof jack and ventilairst duct.
- C. Remove 2 hold down screws at bottom-front of furnace.
- D. Remove furnace while lifting up at least ½” from the furnace sub-base.
- E. Remove sound baffle and blower assembly after disconnecting motor wire connection.
- F. Remove burner by disconnecting electrical plug and removing 3 nuts.
- G. Remove 2 screws holding junction box to side of furnace. Note: Wires among junction box, fan and limits, and divider panel connect together. For easier reassembly, **DO NOT DISCONNECT WIRES.**
- H. Remove top panel by removing 5 screws.
 - I. Remove all screws that hold on both sides for furnace and remove both panels.
 - J. Remove observation door assembly by removing 2 screws.
 - K. Remove the 2 screws that attach the lower heat exchanger panel to the base. Remove the 2 screws that hold blower deck to the rear panel. Remove blower deck, lower heat exchanger panel, vestibule divider, and entire electrical system as one unit.
 - L. Remove the 2 screws securing the rear legs of the heat exchanger to the stops on the base panel and remove the old heat exchanger.
 - M. Set the new heat exchanger on the base and reassemble the rear panel, lower heat exchanger panel and blower deck to properly align the heat exchanger.
 - N. Reassemble the observation door to the furnace.
 - O. Use the 2 new stops and self-drilling screws to attach the new heat exchanger to the base (See Figure 1). **DO NOT USE THE OLD STOPS!**
 - P. Reassemble furnace by following steps ‘I’ through ‘A’ in reverse order.
 - Q. Turn on electric supply and fuel connections.
 - R. Check to ensure proper connections and no leaks.

CHECKING FURNACE OPERATION (Refer to furnace manual)

- A. Check furnace operation sequence by referring to furnace manual
- B. Run furnace for approximately 5 minutes at least 3 times.
- C. Set thermostat at previous set point before leaving.

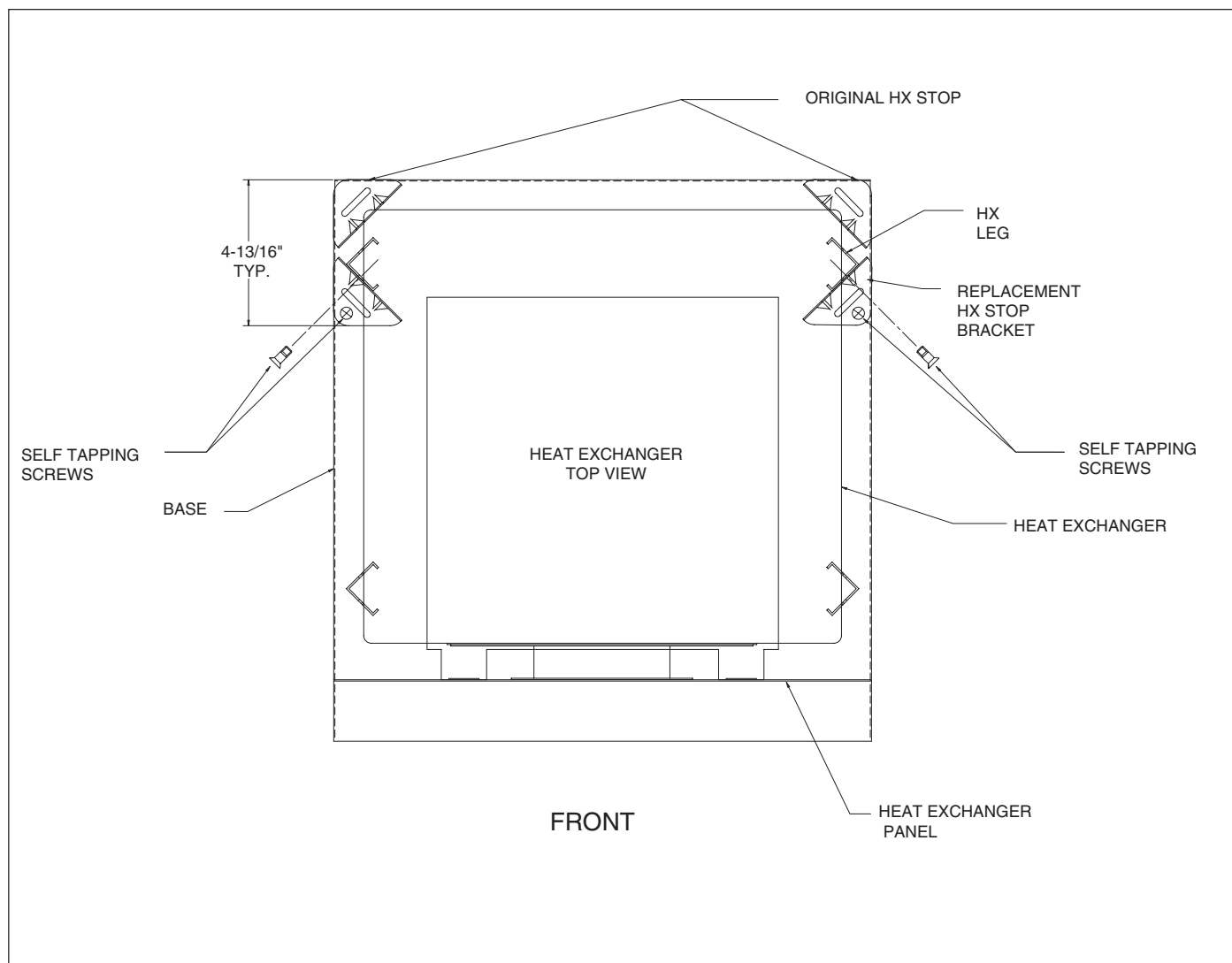


Figure 1. Heat Exchanger Assembly on Base

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