

# UNIT HEATER KITS

508040-01  
3/2020

## ORIFICE REPLACEMENT KIT

### INSTALLATION INSTRUCTIONS FOR ORIFICE REPLACEMENT KIT (19U97; 620960-01) USED ON UHRS/LF25-45A COMPACT UNIT HEATERS

#### Shipping and Packing List

##### Package 1 of 1 contains:

- 1 - Orifice plate
- 1 - Replacement gasket
- Bag assembly containing:
  - 1 - Conversion label
  - 2 - #8-18-1/2" screws

#### Application

UHRS/LF25-45 units use a 4" flue pipe. Replacing the orifice in this kit allows use of existing 3" flue pipe.

#### Installation

- 1 - Turn off the electrical power and gas supply to the unit heater.
- 2 - Remove the flue pipe.
- 3 - Disconnect the wires from the existing combustion air inducer motor from the integrated control.
- 4 - Disconnect the pressure switch tubing from the barb fitting located on the inducer housing.
- 5 - Remove the four #10 screws securing the combustion air inducer to the orifice plate and set aside. See figure 1.

#### **⚠ WARNING**

Disconnect power before servicing unit.

Shut off main gas supplies to appliance until installation is complete.

#### **⚠ WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional installer (or equivalent), service agency or the gas supplier.

#### **⚠ CAUTION**

As with any mechanical equipment, personal injury can result from contact with sharp sheet metal edges. Be careful when you handle this equipment.

- 6 - Remove the two #8 screws securing the orifice plate to the flue collector box and discard.
- 7 - Replace the gasket between the flue collector box and orifice plate.
- 8 - Use the two #8 screws, provided, to secure the replacement orifice plate to the flue collector box.
- 9 - Using the four set-aside #10 screws, secure the combustion air inducer to the orifice plate.
- 10 - Reconnect the tubing to the barbed fitting on the inducer housing.
- 11 - Reconnect the wires from the inducer to the integrated control.
- 12 - Reconnect the flue.
- 13 - Restore the electrical power and gas supply to the furnace.
- 14 - See unit installation instructions for the start-up procedure. Verify the unit is operating properly.
- 15 - Fill out the conversion label and affix to unit in a prominent location.

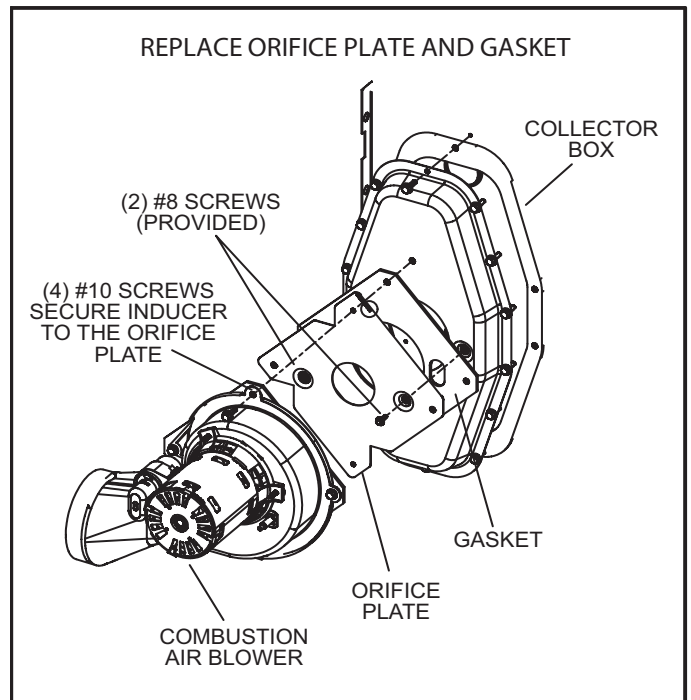


FIGURE 1



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