

INSTALLATION INSTRUCTION

LOW NO_x ACCESSORY MODEL 1LN0802

Supersedes: 530.46-N1.1V (995)

530.46-N1.14V (496)

035-13942

FOR SINGLE PACKAGE GAS / ELECTRIC AIR CONDITIONERS 1.5 THRU 5 TON

WARNING: This conversion kit is to be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified agency performing this work assumes responsibility for the proper conversion of this appliance with this kit.

WARNING: For U.S. units, installation must be made in accordance with American National Standard National Fuel Gas Code, ANSI Z223.1 - latest edition, unless superseded by local codes. For Canadian installations, the conversion shall be carried out in accordance with the requirements of the Provincial authorities having jurisdiction and in accordance with the CAN1-B149.1 and .2 installation codes.

GENERAL

This information is intended for the instruction of this low NO_x kit only. The Installation Instruction supplied with the appliance are to be used for all other aspects of the installation.

WARNING: Improper installation, adjustment service, or maintenance can cause injury or property damage, therefore, only a qualified installer or qualified service personnel should perform this conversion.

INSPECTION

The following list details the parts included in this kit. Inspect the kit to insure that all listed parts are included.

WARNING: This accessory must not be used on units that will be converted to liquified propane

CONTENTS OF KIT

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	035-11635-000	Convert and Modify Label
2	5	026-34598-000	NO _x Screen
3	1	035-13942-000	Accessory Instruction Form

INSTALLATION

WARNING: Make sure both the gas and electric power are shut-off.

1. Turn off electrical and gas to the unit.
2. Remove burner assembly at vestibule panel. Carefully move assembly aside and provide adequate support to assembly. It should not be necessary to disconnect any wiring.
3. Install a screen into each heat exchanger tube. (Refer to Figure 1 and 2 for position of screen).
4. reinstall burner assembly to vestibule panel.
5. Remove label 035-11635-000 from the shipping box. Check the natural gas.
 - a. Orifice size, as stamped on the orifice.
 - b. Maximum inlet pressure - 10.5" WC.
 - c. Minimum inlet pressure - 4.5" WC.
 - d. Manifold pressure - 3.5" WC.
6. Under "Rating After Conversion", write in the following;
 - a. Input, this will the input on the Rating Plate

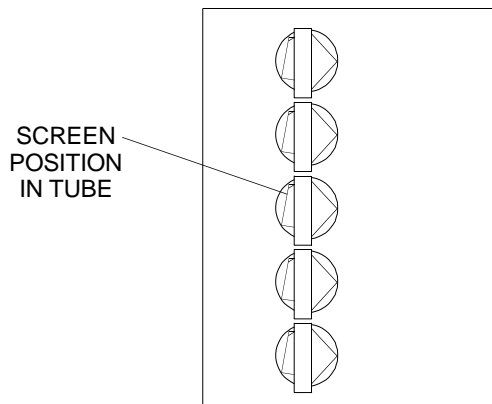


FIGURE 1 - POSITIONING OF SCREENS IN TUBES

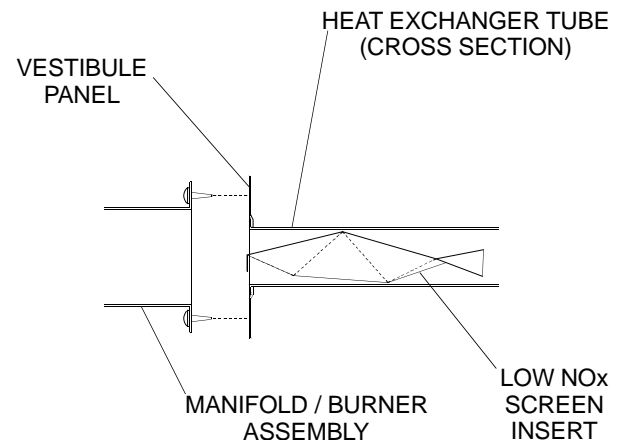


FIGURE 2 - ASSEMBLY CROSS SECTION

7. Under "Changes After Conversion", write in the following:
 - a. Kit number, 1LN0802.
 - b. Unit model number.
 - c. Stamp or write in the name of the organization, address, city, state, month and year.
8. Remove label backing and affix label adjacent to the Rating plate.
9. Follow start-up procedure in the Installation Instruction.

REMOVAL FOR CLEANING

WARNING: Cleaning of the heat exchanger must be done by an accredited UPG distributor, dealer or service agency.

1. Disconnect power supply.
2. Shut-off gas valve and shut-off gas supply upstream of gas valve.
3. Remove gas piping at union and remove gas piping to gas valve.
4. Remove the burner assembly (see Step 1 under "Installation").
5. Remove the screen and store being careful not to step on or otherwise damage the parts.
6. Refer to the cleaning instructions in the furnace Installation Instructions.
7. Reinstall the screens in the heat exchanger by the following Step 3 and 4 under installation.