

LP Gas (Propane) Conversion Instructions



DANGER

Asphyxiation Hazard. These instructions include a procedure for adjusting the air-fuel mixture on this boiler. Always use a combustion analyzer to measure the CO₂ (or Oxygen) and Carbon Monoxide (CO) levels in flue gas. Adjusting the air-fuel mixture without a proper combustion analyzer will result in unreliable boiler operation, personal injury, or death due to carbon monoxide poisoning.

Explosion Hazard, Electrical Shock Hazard, Burn Hazard. The gas supply shall be shut off prior to disconnecting the electrical power, before proceeding with the conversion.



WARNING

This conversion kit shall 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, an explosion or production of carbon monoxide may result causing property damage, personal injury, or loss of life. The qualified service agency is responsible for proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

These instructions are intended for use only with sizes listed in this document.

Consult Appendix A in Installation, Operating and Service (I, O & S) Instructions for installations above 2,000 ft. I, O & S Instructions are supplied with boiler and available on manufacturer's website.

These instructions are included in LP conversion kits listed in Table 1:

Table 1: LP Conversion Kits

Size	LP Conversion Kit	Page
085	107934-01	2-3
110	107935-01	2-3
155	107936-01	2-3
205	107937-01	2-3
270	107938-01	4
320	108015-01*	5
399	108015-02*	5

* Also used for LP Service kit

Required Tools/Equipment:

- 15/16" Wrench (Flare Fitting)
- 1-1/8" Wrench (Gas Flex Line)
- Torx T-25 (Gas Valve to Venturi)
- Torx T-30 (Venturi Assembly to Blower)
- Phillips Head Screwdriver
- Flat Head Screwdriver/ 5/16" Nut Driver
- 7mm Hex Head Socket (Venturi Assembly to Blower 320/399)
- 1-7/16" Wrench (Gas Valve Adaptor 320/399)
- Combustion Analyzer

Parts Included with This Kit:

- LP Venturi
- Hardware
- Blower O-ring
- Gas Valve Coupling
- Rating Label
- Service Label