



High Altitude Conversion Kit

For L8 Furnace Models

L8V1A040U3VS* L8V1A060U3VS*
L8V1B080U4VS* L8V1C100U5VS*

Kit Model:

BAYHALTMOD0008 BAYHALTMOD0010
BAYHALTMOD0009 BAYHALTMOD0011

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

IMPORTANT - This document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the furnace 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 the proper installation of the kit. The installation is not proper and complete until the operation of the converted furnace is checked as specified in the furnace manufacturer's instructions supplied with the kit.

⚠ WARNING

This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer and birth defects of other reproductive harm. For more information go to www.p65Warnings.ca.gov.

A. GENERAL

These high altitude conversion kits are to be used only with L8 natural gas furnace models only.

These instructions describe the conversion of these furnaces for installations exceeding an altitude of 4000 feet above sea level.

Due to the lower density of air at higher altitudes, there would be insufficient negative pressure developed by the induced draft blower to maintain normal operation. Therefore, to compensate for the less dense air, the Personality Module must be changed to prevent nuisance lockouts and/or cycling of the induced draft blower on high speed. Please note that with the reduced firing input rates required for high altitude installations, the induced draft blower has ample capacity to provide sufficient combustion air for proper and safe operation.

Refer to the National Fuel Gas Code - latest Edition 11.1.2 - High Altitude and Table E.1.1(d).

⚠ CAUTION

Before proceeding with the conversion, the gas supply must be shut off prior to disconnecting the electrical power.

B. CONVERSION

These instructions below apply to L8 gas furnaces only.

1. Check for damage to kit contents, and check for all items listed in Table 1.
2. Disconnect electrical supply to furnace.
3. Cut PM tether and remove the factory shipped Personality Module and discard.
4. Install the high altitude Personality Module and replace tether.
5. Reconnect the electrical supply to the furnace.

C. CHECKOUT

Adjust input rate and manifold pressure according to the furnace Installer's Guide. Install correct main burner gas orifice according to this document. Fill out the information on the conversion label (part number A343079P01) and attach the label to the exterior of the furnace door. Once the furnace has been correctly rated for the high altitude installation, the furnace installation shall be checked for proper installation and performance. Refer to the furnace Installer's Guide for checkout procedure.

Table 1. Kit Contents

Part number	Qty	Description
18-CH107D1-1C-EN	1	Installer's Guide
BAYHALTMOD0008	1	L8V1A040U3VS* PM
BAYHALTMOD0009	1	L8V1A060U3VS* PM
BAYHALTMOD0010	1	L8V1B080U4VS* PM
BAYHALTMOD0011	1	L8V1C100U5VS* PM
D154673P01	1	PM Tether
A343079P01	1	Conversion Label

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The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

18-CH107D1-1C-EN 31 May 2023

Supersedes 18-CH107D1-1B-EN (Mar 2022)

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