INSTALLER'S GUIDE

18–CH12D25–1A–EN

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

Models:
BAYHALT238
BAYHALT239

HIGH ALTITUDE CONVERSION KITS

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

A. GENERAL

These high altitude conversion kits are to be used only with furnace product lines *UD-C-H, *DD-C-C, *UD-R-H, *DD-R-C, *UE-A-H, *DE-A-C, FUA-A-D, and FCA-A-D.

These instructions describe the required conversion of furnaces necessary for installtion above 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, pressure switches must be changed to prevent nuisance lockouts and/or cycling of the reduced draft blower on high speed. Please note that with the reduced firing input rates that are 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 installer's guide for information regarding the correct procedure to derate the furnace's input. The following instructions must be followed to convert these furnaces to high altitude applications.

B. CONVERSION

These instructions apply to models of the *UD-C-H, *DD-C-C, *UD-R-H, *DD-R-C, *UE-A-H, *DE-A-C, FUA-A-D, and FCA-A-D product line.

1. Check for damage to kit contents and check for all items listed in the table.
2. Disconnect electrical supply to the furnace, if installed.
3. Remove the wiring connectins from the pressure switch(es) in the furnace. Mark the wires if needed to properly identify the replacement.
4. Remove the pressure switch(es) sample tube from the switch assembly.
5. Remove the pressure switch(es) from the unit.
6. Install the new pressure switch(es) in the same location and manner as the old pressure switch(es).
7. Connect the pressure switch sample tube and electrical connctions.
8. Reconnect the electrical supply to the unit.

C. CHECKOUT

Once the furnace has been correctly rated for the high altitude installation, and the pressure switch has been changed the furnace installation shall be checked for proper installation and performance. Refer to the installer's guide for checkout procedure.

C. NOTES

1. The use of high altitude calibrated pressure switches in sea level applications is not permitted.
2. The high altitude pressure switches are factory calibrated and sealed. Field adjustment is not permitted. If the factory seal is broken, the product warranty must be voided.

KIT CONTENTS:
HIGH ALTITUDE CONVERSION KITS

Kit Model No.	Furnace Models	Contents
BAYHALT239	*UD-R-H, *DD-R-C	2 - Pressure Switches
BAYHALT238	*UD-C-H, *DD-C-C, *UE-A-H, *DE-C-C, FUA-A-D, FCA-A-D	1 - Pressure Switch

* First letter may be "A" or "T"

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