



AHE SERIES 3 AND 4

Direct Vent Wall-Mounted Boilers

High Altitude Conversion Kit Instructions

Hazard definitions

The following defined terms are used throughout this manual to bring attention to the presence of hazards of various risk levels or to important information concerning the life of the product.

DANGER

Indicates presence of hazards that **will cause severe** personal injury, death or substantial property damage.

WARNING

Indicates presence of hazards that **can cause severe** personal injury, death or substantial property damage.

CAUTION

Indicates presence of hazards that **will or can cause minor** personal injury or property damage.

NOTICE

Indicates special instructions on installation, operation or maintenance that are important but not related to personal injury or property damage.

Note to the installer

DANGER

Failure to follow all instructions in proper order can cause severe personal injury, death or substantial property damage. Read all instructions before installing.

WARNING

This conversion kit must only be installed by a Weil-McLain distributor or other qualified technician in accordance with these Instructions and all applicable codes and requirements of the authority having jurisdiction. Read these instructions completely before beginning the installation. If the information in these Instructions is not followed exactly, a fire, explosion, carbon monoxide emission or other hazardous conditions can result, causing severe personal injury, death or substantial property damage. The qualified technician performing this work assumes responsibility for this conversion.





Parts

Boiler model number	Altitude (feet)	Kit part number	Air pressure switch setting
AHE-45	4,000 to 7,999	382-930-335	0.30" w.c.
	8,000 to 12,000	382-930-340	0.25" w.c.
AHE-60	4,000 to 7,999	382-930-340	0.25" w.c.
	8,000 to 12,000	382-930-340	0.25" w.c.

Note: Kit includes (1) Air Pressure Switch, (1) Conversion Instruction, (1) Conversion Label and (1) Consumer Protection Label.

Conversion instructions

WARNING

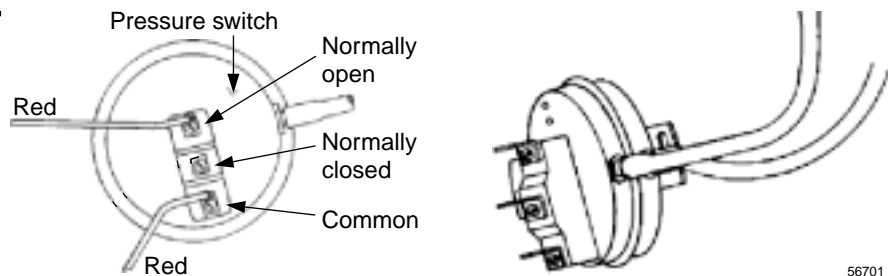
The air pressure switch and gas manifold pressure must be correct for the altitude at the job site. Failure to install correctly could result in nuisance shutdowns or production of poisonous carbon monoxide gas, causing severe personal injury, death or substantial property damage.

AHE boilers must be modified for high altitude operation at the job site as follows:

1. Remove tubing and wires from existing pressure switch. See Figure 1. Remove air pressure switch and replace with pressure switch in kit.
2. Remove the Conversion label (part number 550-224-309), supplied in kit. Place a checkmark on the label for the altitude range.
3. Adjust gas manifold pressure to proper value shown on Conversion label.
4. Affix Conversion label (part number 550-224-309) on jacket near rating label.
5. Follow Boiler Manual “Checkout” procedures to assure the boiler is now operating properly after conversion parts are installed.

Figure 1

Air pressure switch wiring and tubing



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