

## AIR SHUTTER INSTRUCTIONS

Models: HEIR36H, HEIR36T, HEIR42H, HEIR42T, HEIR50H, HEIR50T



Leave this instruction with party responsible for use and operation.

**Note:** This instruction is to be used by the installer in conjunction with, not instead of, the appliance installation manual.

### Air Shutter Setting

Air shutter settings should be adjusted by a qualified service technician at the time of installation. The air shutter is pre-set at the factory for minimum vertical, maximum horizontal vent run for this appliance: 2 ft. vertical and 7 in. horizontal).

#### Factory Pre-Set Air Shutter Settings

MODEL	NG	LP
HEIR36	5/8 in.	Full Open
HEIR42	5/8 in.	Full Open
HEIR50	5/8 in.	Full Open

#### Natural Gas (NG) installations:

As a general rule, it is acceptable to reduce the shutter opening to adjust for vertical vent pipe sections prior to the initial fire up.

- Vertical Termination: May reduce shutter setting by 1/8 in.
- Horizontal Termination (more than 4 ft. vertical in vent configuration: May reduce shutter setting by 1/8 in.
- Horizontal Termination (less than 4 ft vertical in vent configuration: May reduce shutter setting by 1/16 in.

#### Propane (LP) installations

- It is recommended that the air shutter on propane appliances remain at full open position.

#### Air Shutter Adjustment

Adjustment can be made to the air shutter with or without the logs installed with a ¼ in. nut driver. See Figure 1.



Figure 1. Air Shutter Location

To adjust air shutter:

- Loosen the screw on the burner assembly.
- To close the air shutter, turn shutter clockwise.
- To open air shutter, turn shutter counterclockwise.
- Tighten the screw.

**NOTICE:** Flames should not appear orange or stretch to the top refractory. If sooting occurs, provide more air by opening the air shutter.

#### Shutter Setting Verification / Flame Appearance

- After 15 minutes, the flames will be a yellow/blue mix. The front flames may be blue at this time.
- After 30 minutes, the flames should be yellow with some blue flames near the burner ports.
- After 1 hour, the flame will be at its maximum maturity.

**Note:** Visually, a propane flame may differ from a natural gas flame. This is due to the different chemical compositions that make up both fuel types. In general, the LP flames may be a little shorter and much brighter than a natural gas flame.

Please contact your Heatilator dealer with any questions or concerns.

For the location of your nearest Heat & Glo dealer, please visit [www.heatilator.com](http://www.heatilator.com).

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