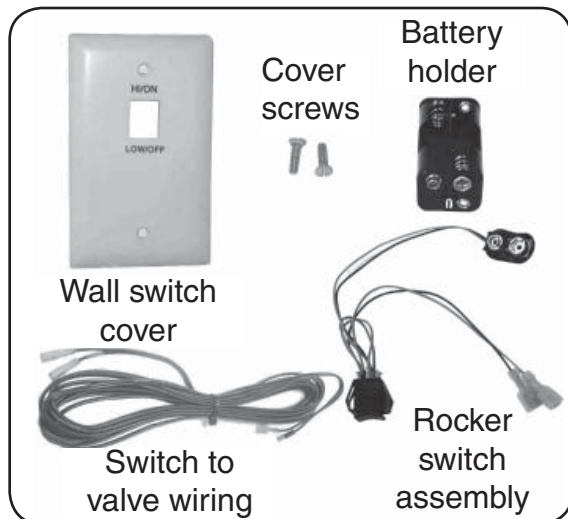


# RH PETERSON CO.

## WS-3 WALL SWITCH KIT

### INSTALLATION AND OPERATION



### THIS SWITCH OPERATES FLAME HEIGHT CONTROL KNOB ON THE APK-15 VALVE

#### PARTS LIST:

**WALL SWITCH COVER**  
**ROCKER SWITCH ASSEMBLY**  
**AA BATTERY HOLDER**  
 (connects to rear of switch)  
**WIRING (15 feet)**  
 (connects switch to valve)  
**COVER SCREWS (2)**  
**AA BATTERIES (4)**

1. Select a location for the wall switch near the fireplace. This needs to be within 15' from the fireplace for the length of wiring supplied, and to supply sufficient millivoltage between the wall switch and the pilot generator.

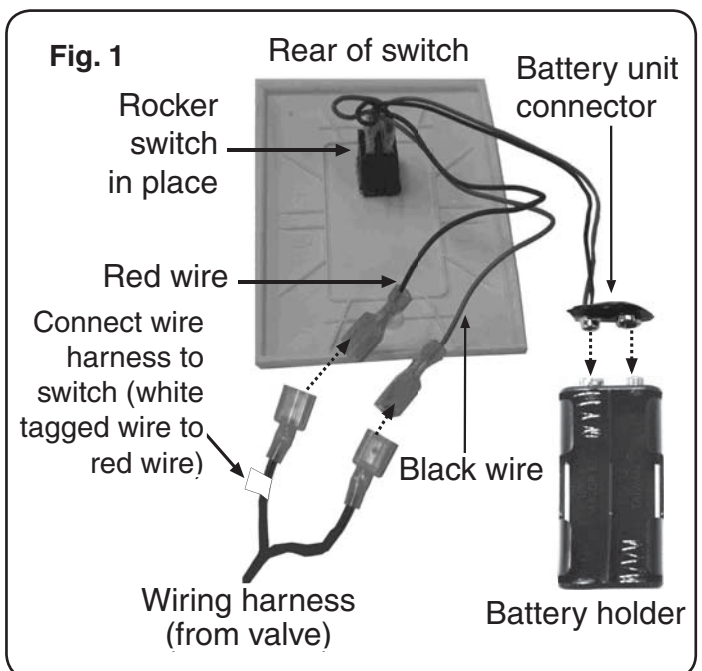
**Note:** Safety valve is supplied in the Peterson APK and burner systems.

2. At the wall switch location selected, cut out a clearance hole for direct wall or switch box mounting.

**Note:** Allow enough space to incorporate the battery holder. We recommend using a deep switch box (3" deep or greater).

3. Tie about 6" of chain or a small weight to a cord to create a plumb line. Hang the plumb line from the wall switch location to the top of the wall baseboard. Immediately below the wall switch location, as indicated by the plumb line, drill a 1/2" to 3/4" hole.
4. Lower the plumb line through the switch location hole, within the stud space, down to the baseboard level. Pull the chain or the weight out of the 1/2" to 3/4" hole at the baseboard using a stiff hooked wire (a bent wire coat hanger works well).
5. Remove the weight or the chain from the plumb line. Tie one end of the wire cable to the plumb line and pull the plumb line back up through the wall switch location to expose several inches of wire.
6. Feed the rocker switch assembly wiring through the front of the wall switch cover, and snap the rocker switch into place (see Fig. 1).

7. Connect the two terminals on the rocker switch to the two terminals on the valve wiring (see Fig. 1). Ensure a tight connection.
8. Connect the battery holder to the connector coming from the rocker switch assembly (see Fig. 1). Insert 4 AA batteries in the battery holder, ensuring the polarities are correct.
9. Attach the wall switch cover to the switch box using the 1/4" machine screws supplied.
10. Then attach the LARGE female connector of the switch to valve wire to the **OUTER** male spade located on the APK-15 valve (see Fig. 2 A & B). Attach the SMALLER female connector to the **INNER** male spade on the APK valve.



**Note:** This unit does not require an outside electrical source (millivolt system only).

**Fig. 2A**

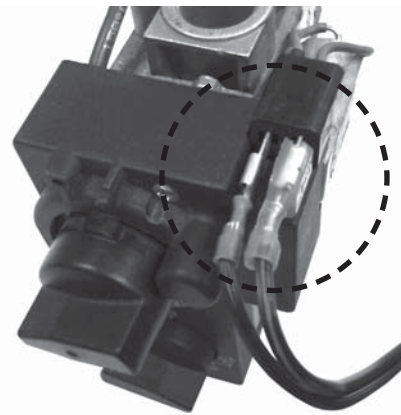
Attach the small female connector to the small male connector

Attach the large female connector to the large male connector



**APK-15 Valve and wire connectors**

**Fig.2B**



**Connectors in place**

Follow your APK-15 operating instructions to install the valve on your log set. **Ignite the pilot according to the lighting instructions supplied with your valve.**

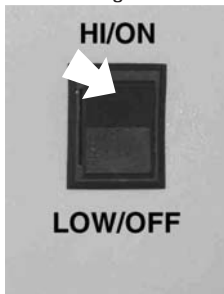
**OPERATING YOUR PETERSON GAS LOG SET WITH THE WALL SWITCH**

To use the wall switch to control the flame height, press **HI/ON** and the flame height control knob will rotate counter-clockwise, turning the main burner on, and increasing the flame height to your desired level (see Fig. 3A). To reduce the flame height, press **LOW/OFF**. To turn the main burner off, hold the **LOW/OFF** switch down until the flame is extinguished (see Fig. 3B). Pilot will remain lit. See instructions supplied with your valve for complete shut off.

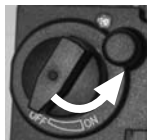
**FOR YOUR SAFETY**, never leave your log set operating unattended.

Press HI/ON to turn unit on or increase the flame height

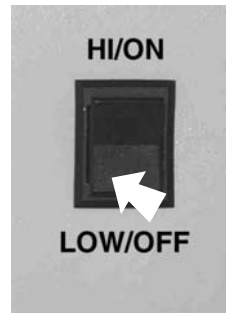
**Fig. 3A**



=



Flame height control knob will rotate counter-clockwise



**Fig. 3B**

=



Flame height control knob will rotate clockwise

Press LOW/OFF to turn unit off or decrease the flame height

**Be sure all cautions and warnings are observed in your APK & burner system installation and operating instructions.**

**ROBERT H. PETERSON CO.**

Quality Check

Date: \_\_\_\_\_

Orifice # (B/B): \_\_\_\_\_

Model #: \_\_\_\_\_

Orifice # (B/B): \_\_\_\_\_

Serial #: \_\_\_\_\_

Leak Test: \_\_\_\_\_

Air Shutter: \_\_\_\_\_

Burn Test: \_\_\_\_\_

Inspector: \_\_\_\_\_

Gas Type: \_\_\_\_\_