

# AIR SWITCH INSTALLATION INSTRUCTIONS

(Part #7250P-147, for Munchkin 80M, 140M, and 199M Models)

**NOTE:** Read this entire instruction manual before starting installation. Follow all instructions exactly as written. Refer to the appliance Installation and Maintenance manual as necessary.

## SPECIAL ATTENTION BOXES

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

### WARNING

**WARNING** indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

#### INSTALLATION MUST COMPLY WITH:

Local, state, provincial, and national codes, laws, regulations and ordinances.

#### INCLUDED IN KIT

The kit includes the following:

QUANTITY	DESCRIPTION
2	SELF-TAPPING SCREWS
1	AIR SWITCH W/ ATTACHED WIRES
1	5/16" TENSION CLAMP
1	INSTALLATION SHEET (LP-355) (THIS DOCUMENT)

Table 1

#### TOOLS REQUIRED

Phillips Head Screwdriver

#### SAFETY CONSIDERATIONS

- Prior to installation, examine all components for possible shipping damage. DO NOT install if any components are missing.
- Installing and servicing heating equipment can be hazardous due to gas and electrical components. Only trained service personnel should install or service heating equipment.
- When working on heating equipment, observe all precautions in the literature, on tags, and on labels attached to the appliance. **Follow all safety codes. Wear safety glasses and work gloves. Have a fire extinguisher available.**

### WARNING

Before beginning installation, be sure the main electrical disconnect switch is in the "OFF" position. Electrical shock can cause serious personal injury or death.

### WARNING

Before beginning installation, turn off gas to the boiler. Failure to do so could result in serious personal injury or death.

## **INSTALLATION**

**NOTE:** Although this replacement part looks physically different than the original Air Switch, its function is the same.

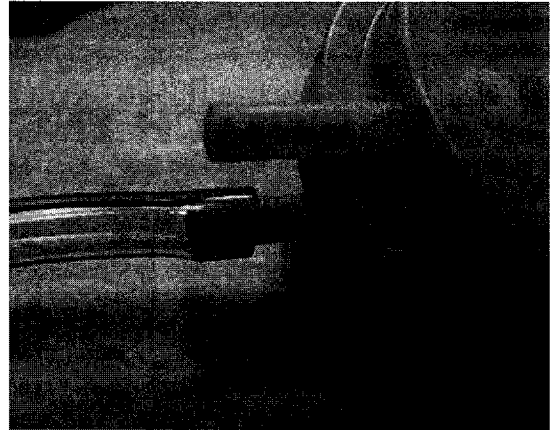
1. Remove the boiler cover.
2. Disconnect the (2) wires connected to the old switch.
3. Disconnect the clear plastic hose from the old switch. See Figure 1 for location.

Inspect the hose to be sure it is not brittle or cracked. If the hose is in good condition, it can be reused. If the hose is damaged it must be replaced.

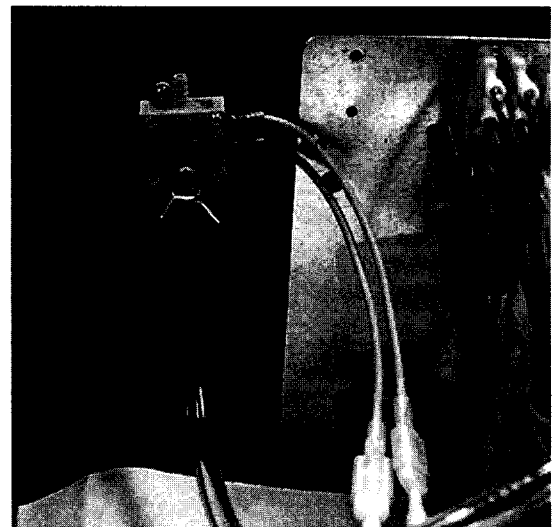
4. Remove the old switch from the boiler.
5. Mount the new switch included in this kit directly in place of the old switch with the two (2) provided self-tapping screws.

**NOTE:** This switch WILL NOT operate correctly if it is not mounted to the side of the cabinet with the provided screws.

6. Connect the wires that were disconnected from the old switch to the wires from the new switch.
7. Connect the clear plastic hose to the port labeled P+ on the switch. There should be a black dot near this port to assist in identification. Use the supplied 5/16" tension clamp to secure the hose on the switch port. See Figure 2 for installation detail.
8. Ensure the other end of the plastic hose is securely connected to the blower. If the hose is loose, cracked, or otherwise damaged, replace the entire hose. See Figure 3 for location.
9. Restore power and gas to the boiler.
10. Initiate a call for heat and test the boiler for correct operation.
11. While the boiler is running, use a combustion analyzer to ensure there are no gas leaks at the connection points of both ends of the hose.
12. If either end of the hose leaks gas, immediately shut down the boiler. Turn off the gas and repair the leak.



**Figure 1 – Hose Connected to Old Switch**



**Figure 2 – Installed Air Switch**



**Figure 3 – Hose Connected to Blower**

### **⚠ WARNING**

Failure to check for gas leaks with a combustion analyzer and repair any leaks could result in fire, explosion, serious personal injury, or death.

13. Do not leave the boiler unattended until you have verified the hose connections are secure and the boiler is operating properly. Replace boiler cover after installation is complete.