

## Trouble-shooting for the Featherman Scaldler

### Pilot won't light

1. Check to be sure propane valve is open
2. Check to be sure "Pilot" on gas control valve is aligned with slot
3. Depress Pilot valve for up to 5 minutes to purge air out of lines
4. Make sure lighter is reaching pilot light (at end of aluminum tube)

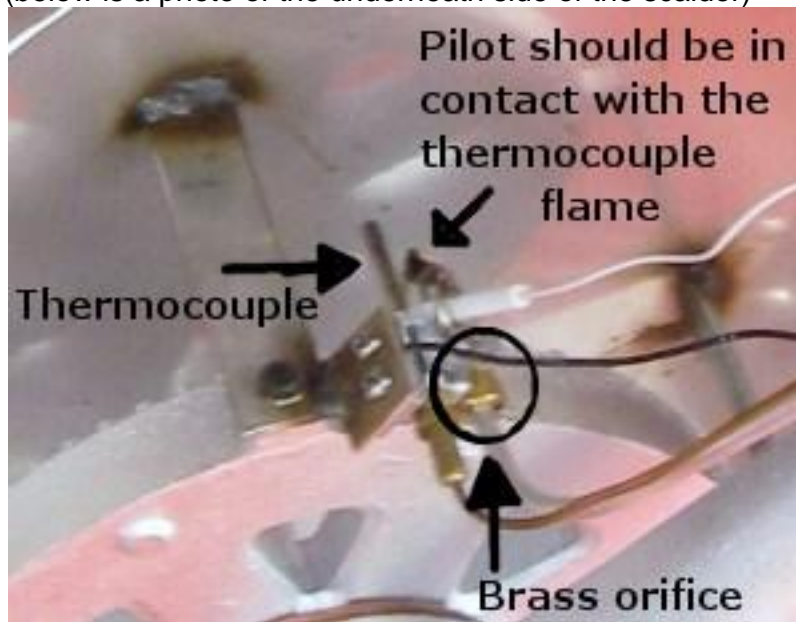
### Pilot lights but burner won't light

1. Plug in electric cord and check extension cords and breakers
2. Clean orifice at end of copper line
3. Replace thermocouple

### Pilot flame is too small and/or not a clean blue flame

1. You may have a small obstruction in the brass orifice
  2. To clean or check the orifice you need to loosen the brass orifice with a pair of pliers or a wrench. After that, blow air through the orifice to loosen any particles. Do not insert anything into the opening, only use air, or you may damage the orifice.
  3. Once the orifice is cleaned, reassemble
- if you have any questions, please call 600-684-6035

(below is a photo of the underneath side of the scaldler)



### Scaldler gets too hot

1. Check setting on Aquastat – it should be at 147.5
2. Check your thermometer (there will be a few degrees difference between water temperature in the middle and at the top of the scaldler)
3. Replace thermostat

### **Air Intake Adjustment**

Your scaldler has been tested and set to have a perfect flame. This flame is about 1 to 1 1/2 inches high and blue. If, for some reason, your flame has become yellow and less hot, you may need to adjust the air flow into the burner.

A single 1/4" machine-head screw holds the air intake plate in place (see arrow). Loosen the screw with a 1/4" socket or crescent wrench or pliers and turn the plate so that more or less air is allowed into the burner.

When the flame is blue it is most efficient. Tighten the screw.

