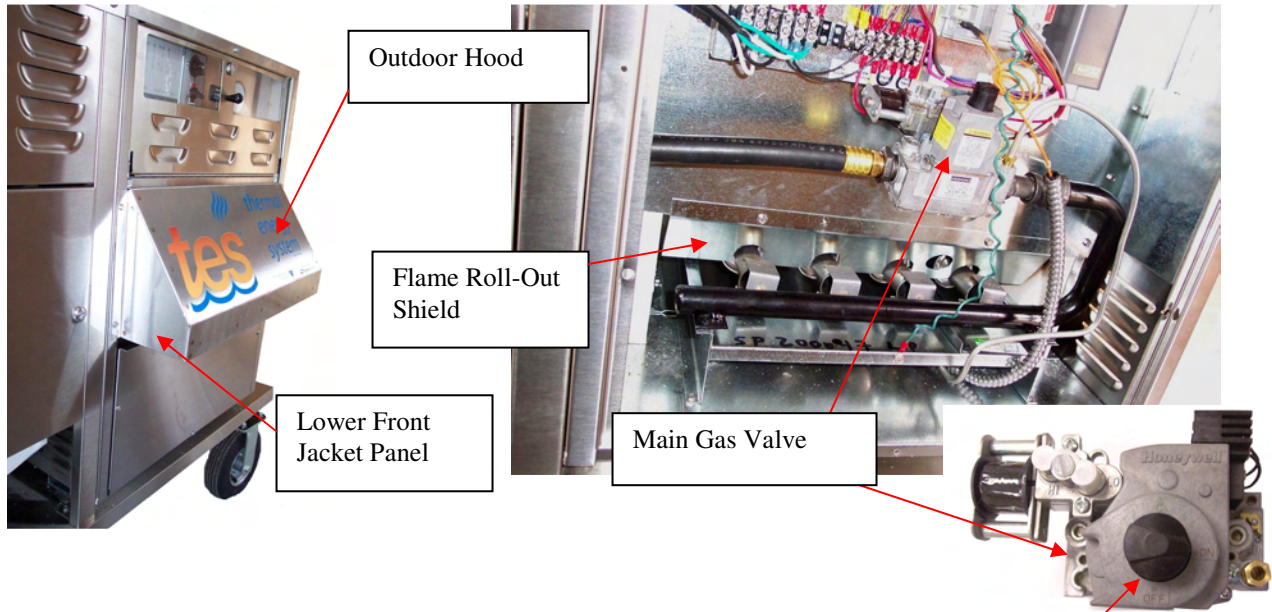
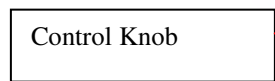


Perform TES Burner Operation Test

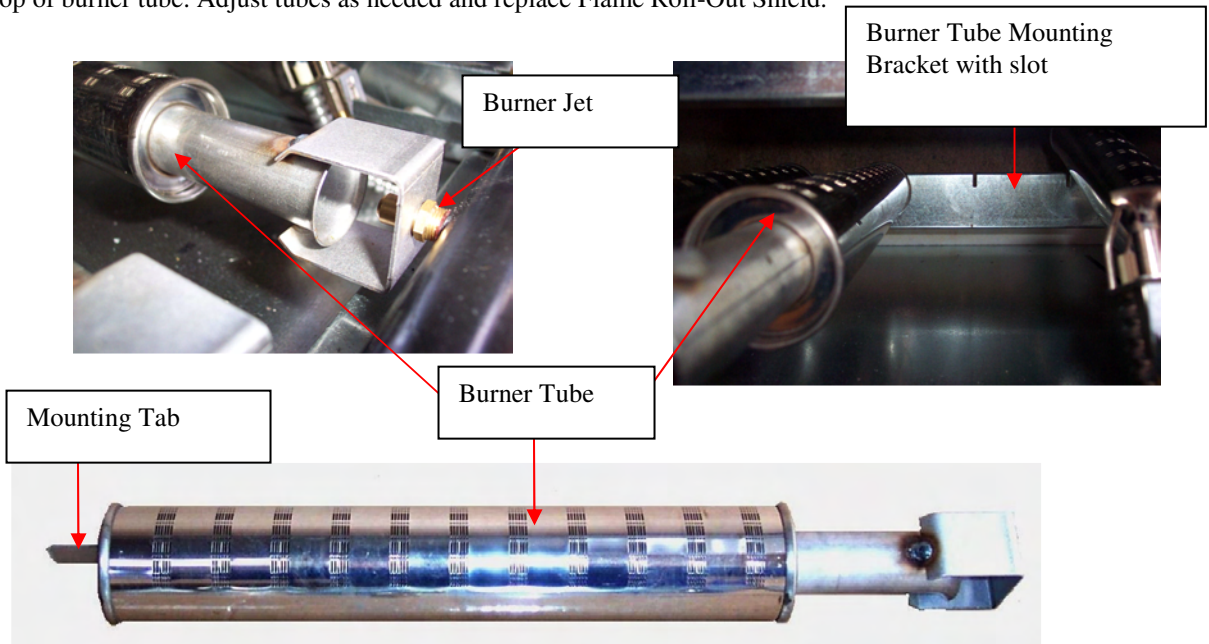
- 1) Remove Outdoor Hood and Lower front jacket panel from TES unit to access the main gas valve and burner assembly.



- 2) Make sure control knob on Main Gas Valve is in the ON position.



- 3) Remove Flame Roll-Out Shield. Check Burner Tubes to make sure they have not shifted during shipping. Tab on rear of tube must be in slot of rear mounting panel. Opening on front must be around burner jet. Gas outlet openings must be on top of burner tube. Adjust tubes as needed and replace Flame Roll-Out Shield.



- 4) Turn operator control down to 160°F. Turn the hi-limit control down to 200°F. Connect power cord to TES unit. (This will prevent the TES unit from overheating if you run it too long while testing. Normal operation requires that 2 TEX boxes be connected before turning heater ON.)



Operator Control – Set at 160°F for testing. Reset to 200°F for normal operation.



Hi-Limit Control – Set at 200°F for testing. Reset to 230°F for normal operation.

- 5) Open by-pass valve and turn pump switch to the ON position.
- 6) Slowly open the propane tank valves and gas shutoff valve. Turn the Heater to the ON position. All lights should be ON except the Main Gas Valve light, which may not come on right away. (If any other lights are OFF – check the troubleshooting guide.)
- 7) Turn the heater switch OFF for 2-3 seconds and back ON for 5-10 seconds and repeat until heater fires and main gas valve light comes ON. (If the Main Gas Valve light does not come ON – check the troubleshooting guide.)
- 8) Once the burner fires and Main Gas Valve light turns ON turn the heater switch OFF. Let the pump run to cool fluid down to 120°F before turning pump OFF. Turn operator control back to 200°F and turn hi-limit control back up to 230°. Replace lower front jacket panel and outdoor hood.

By-Pass Valve

