



### **Replacing an orifice in a P9000/P12000**

1. Remove the brass knob on the gas control by loosening with 5/64<sup>th</sup> allen key
2. Undo the brass nut around the gas knob with a 13/16<sup>th</sup> wrench.
3. Remove the 8 (P12000 – 12) screws from the sides of the unit
4. Remove the bottom and top panels.
5. Remove the shroud from the main unit. Door must be unlatched to accomplish this. You may have to detach the fan wire from the speed control.
6. Using a 1/2" wrench undo the compression nut holding the copper line to the orifice.
7. Unscrew the orifice assembly from the burner
8. Screw in the new orifice. Make sure that one the threads catch that you go only 3 full turns. Once complete tighten down the locknut with an 11/16<sup>th</sup> wrench
9. Reattach the copper line to the orifice using thread sealant such as loctite
10. Reattach the shroud to the unit following steps 1 through 5 in reverse order