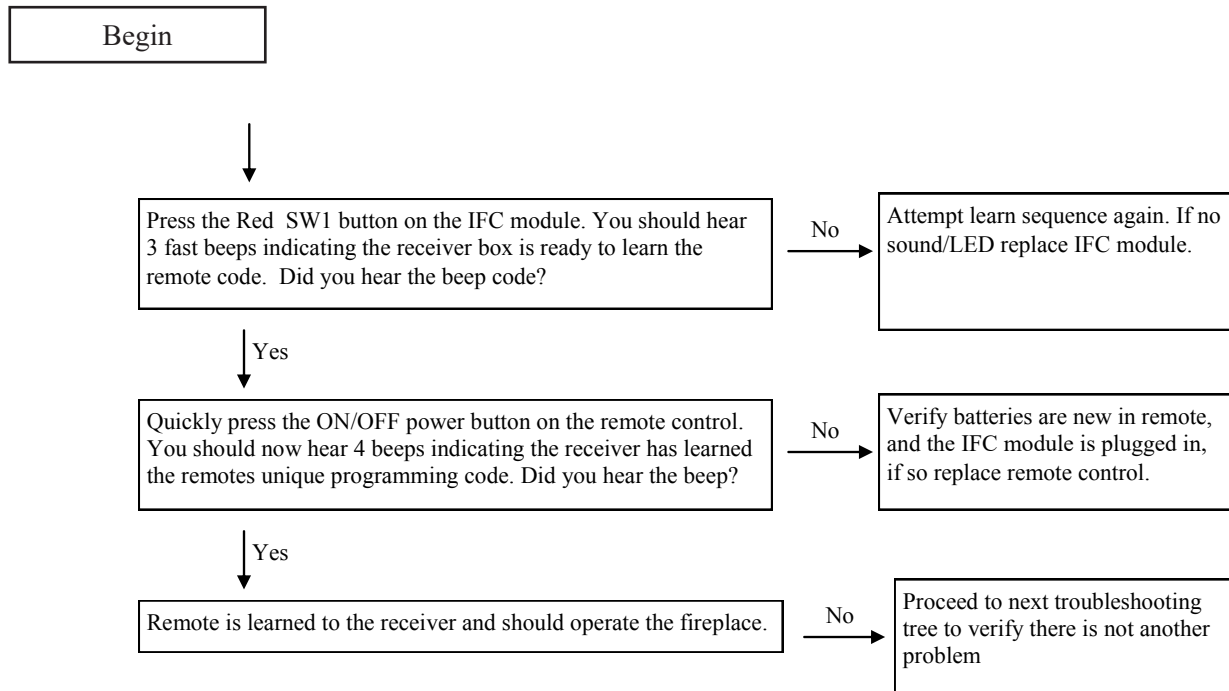


H SERIES MODELS

HVF 42, HVF 60 & HVF 72

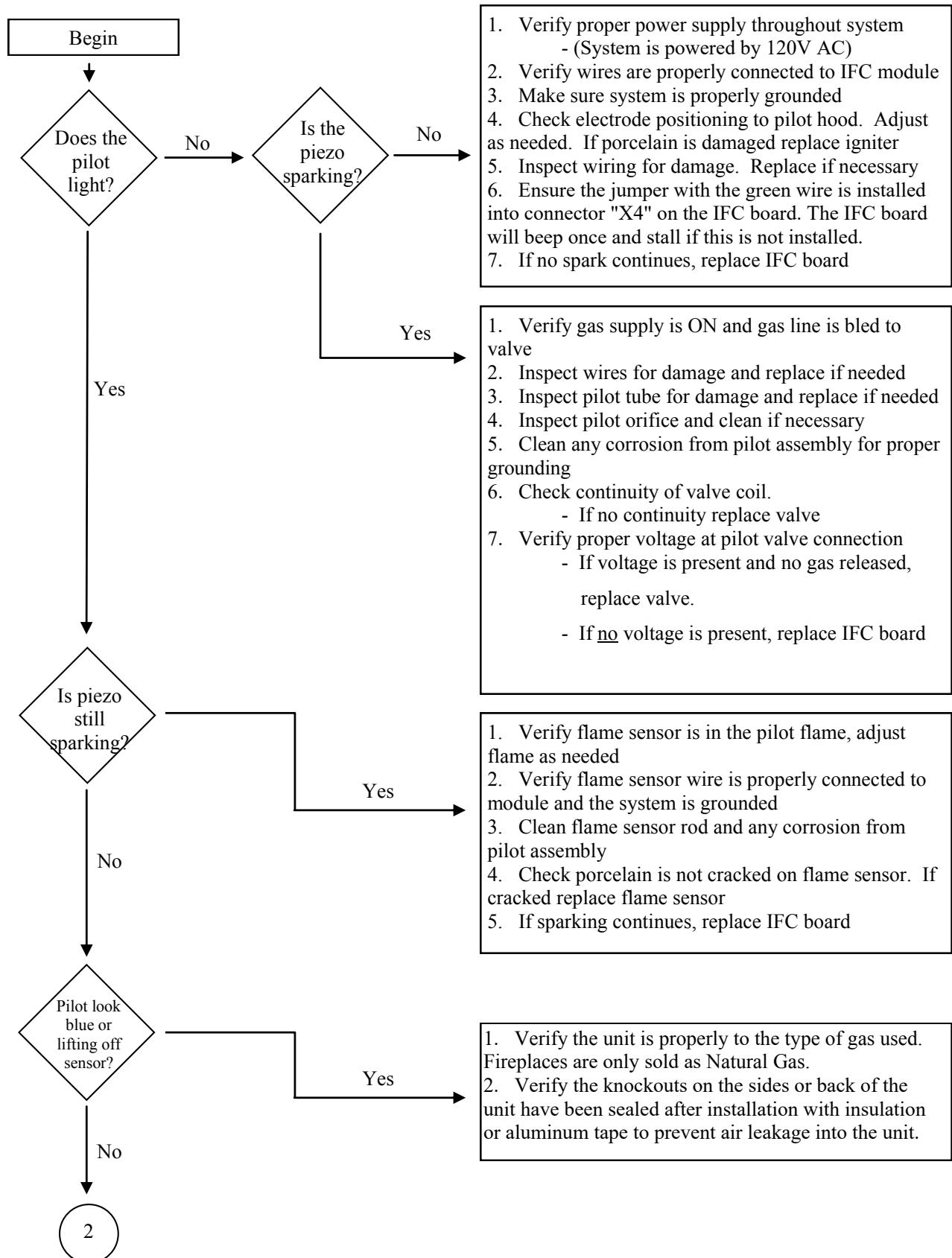
Single-Sided See-Through
Corner Style Peninsula
3-Sided

Remote/Receiver Not Synchronized

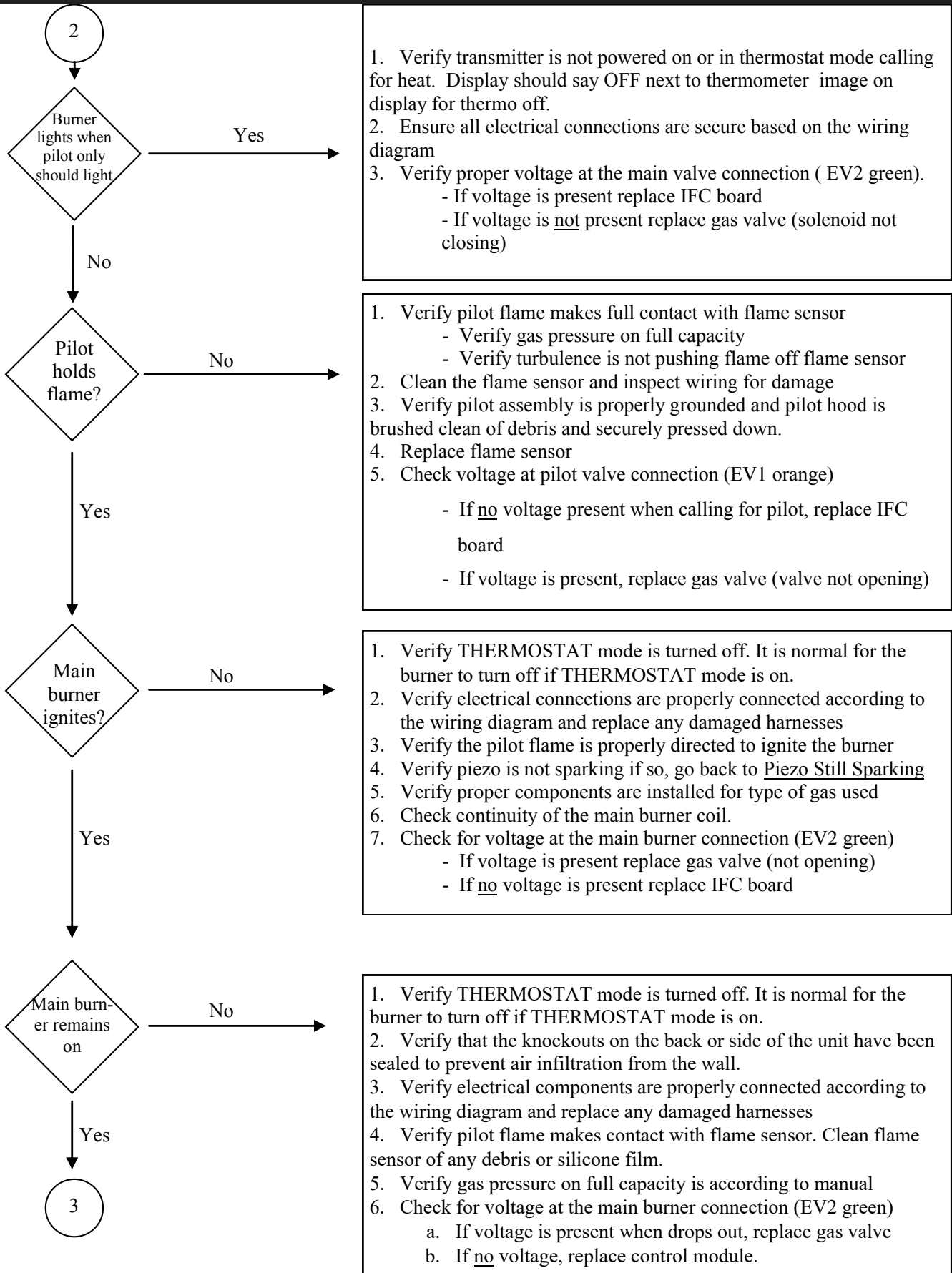


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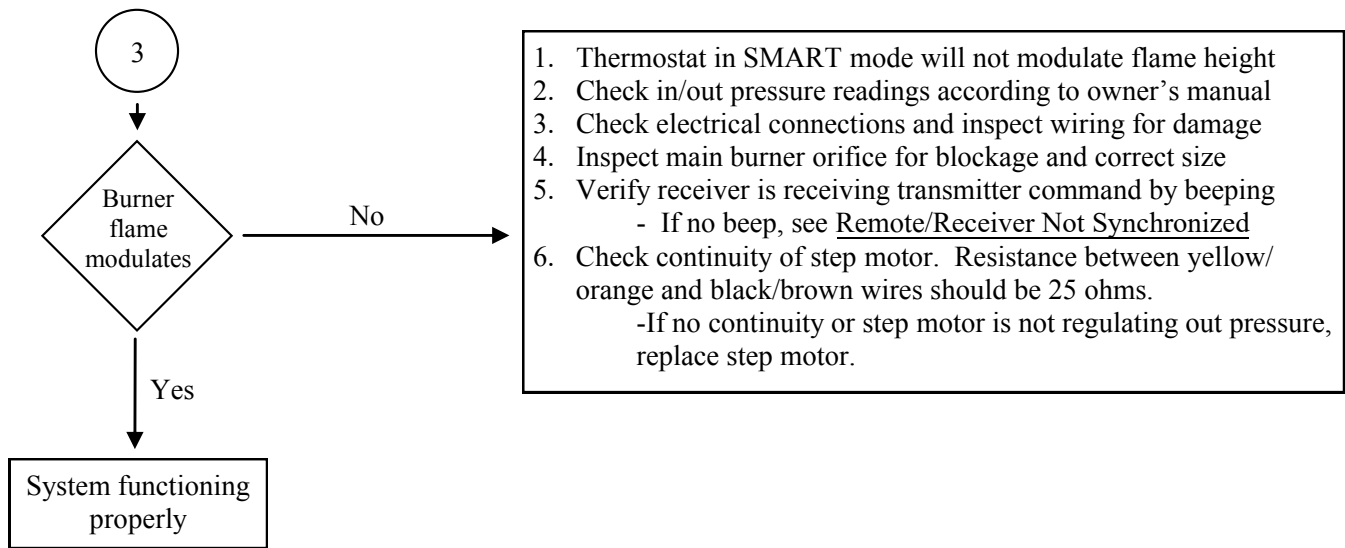
Troubleshooting



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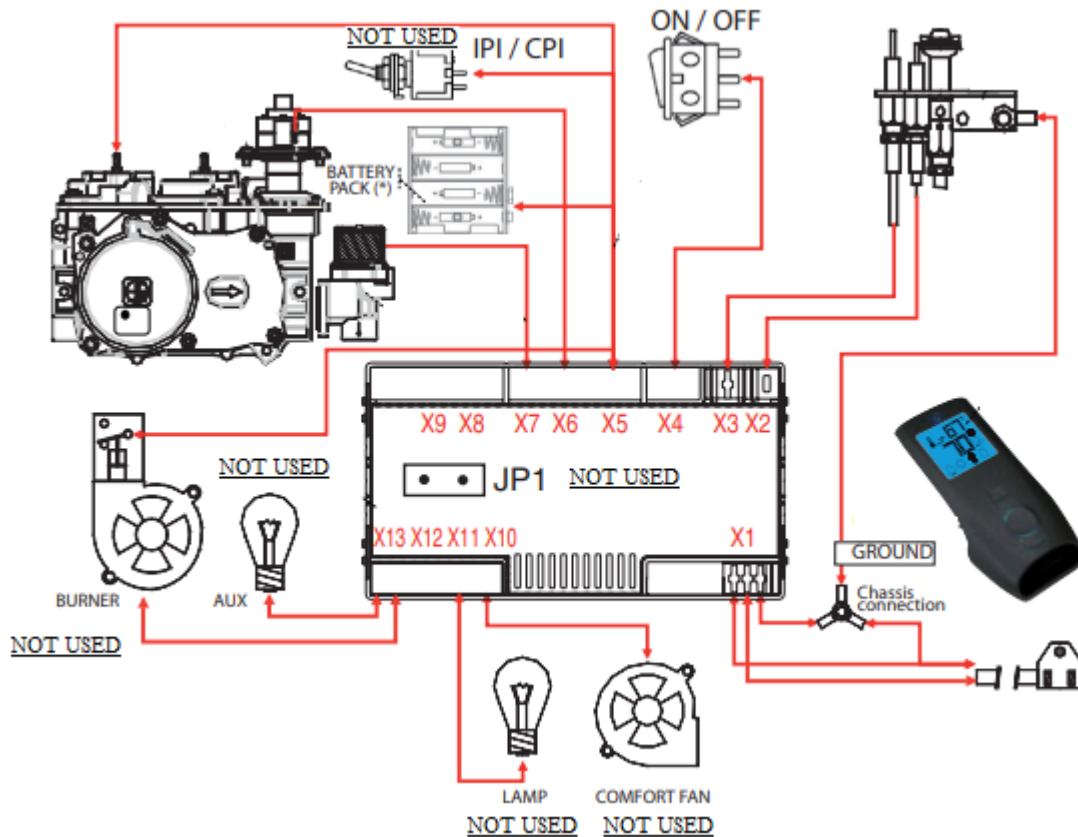


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Control Module Guide

Use this guide to verify control module voltages and valve functionality.



- X1** connects to your incoming line voltage. Remove the power connections and use your voltmeter (set to AC) to verify the 120VAC line to line.
- X2** connects to the igniter on the pilot assembly. Disconnect the wire from the IFC board and test continuity of the black wire by setting your multimeter to Ohms and connect one end to the connection on X2 and the other to the igniter on the pilot assembly.
- X3** connects to the thermocouple (black wire). Then measure the thermocouple voltage by _____. The voltage should be above _____.
- X4** connects to home automation. The fireplace will come with a green jumper installed.
- X5** connects to:
 - The battery backup (red and black wires). Measure by using a voltmeter on the red and black wires. It should read 6V DC.
 - IPI/CPI (white and blue wires)(not used)

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5. **X5** connects to:

- APS(Yellow wire) (not used)
- Valve (Green wire, Orange Wire, and Green/Yellow wire).
- Test the pilot solenoid in the valve by attaching your voltmeter to the orange wire and the green/yellow (ground) wire before powering on the burner. When the pilot is started, it should measure about 4.9V. After a few seconds it will drop to .9V. Test the burner solenoid by attaching your volt meter to the solid green wire and the green/yellow wire. Once the pilot is lit, it should measure about 4.9V and drop to .9V after a few seconds.
- The continuity of the valve solenoids can be tested as well. Change your multimeter to Ohms. Disconnect the wires from the valve. Connect the multimeter from the orange wire connector to the green/yellow wire connector. This should read about 330Ohms. Connect the multimeter to the green wire connector and the green/yellow wire connector and check for the 330Ohms.

6. **X6** connects to the motor in the valve. Test the motor by disconnecting the motor from the IFC board, switching your multimeter to Ohms, and attaching the probes to the yellow and pink wires. It should measure about 250hms.

7. **X7-X9 and X0A** are not used.

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