

CHECKING THE DRAFT

MODELS: 80VP, 125VP, 170VP



WARNING

LP & NG ARE EXTREMELY FLAMMABLE SO
TAKE EXTRA PRECAUTIONS WHEN
PERFORMING ANY WORK TO THE HEATER

1. Close all doors and windows to the outside
 2. Turn on all appliances that force air out of the building. These include all exhaust/ventilation fans, furnaces, clothes dryers, wood burning stoves, etc.
 3. Open all doors between the AquaStar and these other appliances.
 4. **Models 80/125VP & 170:** With the heater not running, hold a smoke source (candle, incense, etc.) near the opening on the front panel of the heater. The smoke should get sucked into the opening. If the smoke comes back towards you, there is a backdraft. This is considered negative air and poor venting*.
Models 38B/125B/125BS/125BL/125X: Run unit for at least 10 minutes, then hold an ordinary mirror at the side above the front shell. Any flue gases backdrafting will cause the mirror to get dimmed*; with a properly functioning draft the mirror will remain clear.
 5. **Models 80/125VP & 170:** Then, turn on a hot water faucet so that the burners are operating. Do another smoke test. If smoke comes back towards you while the heater operates, carbon monoxide is spilling back into the building. This is considered negative air and poor venting*.
Poor venting can result in sooting inside the heater, overheating of the heater and freezing of the heat exchanger if in a freezing environment.
- * **This is a serious health hazard and must be corrected.**