

Common Vent Start-Up Procedure

This document provides the steps required to adjust the gas settings on a unit that is in common vent. All other start-up procedures are included in other documents, primarily the Start Up Checklist.

- 1. Please review the owner's manual, Part 3: Gas Connections, sections D–F.
- 2. Go to the first heater and enter the service function from the setup menu. After the service function is active, fan speed percentage can be set. This should be set to 100% to achieve maximum fan speed for high fire combustion setting, see Photo 1.
- After the unit you are working on is on high fire, remove the fan speed control plug on all remaining units, see Photo 2.
- 4. Set the CO2 on the unit you are working on at maximum load. (See the owner's manual Part 3, Section D for load settings.)
- 5. Turn off the units that you are not adjusting and plug the speed control back in and power it back on.
- 6. Put the unit you are adjusting to low fire by entering the service function from the setup menu. After the service function is active, fan speed percentage should be set to 30%.
- 7. Set the CO2 on the unit you are working on at minimum load.
- 8. Repeat steps 2–6 for all remaining units, being sure that the only unit in service mode is the one you are working on at that time.
- Go back through each unit from the beginning to confirm that changes to other unit parameters have not affected other units. (The bigger the change in setting, the more likely it affected the flow of gas to other units.)
- Put all units into operation at high fire and check CO2. Repeat with all units set at low fire (30% fan speed.)





Photo 2: Unit with the plug on the top rear