

HOW THE FENWAL WORKS

Power supply:

1. 24vac at 24vac terminal 24v common at GND terminal
2. 120vac at L1 and 120v neutral L2 This will close to S1/S2
3. 120vac at F1 at fan connection **(or)** 24vac if a two blower system is used.

Call For Heat:

1. 24vac in at TH terminal F1/F2 close to bring on blower.
2. The air pressure switch closes and feed 24vac to the P/switch terminal.
3. L1/L2 close to S1/S2 to start heating the HSI.
4. When the HSI. Is in range 24vac will be present at the Valve terminal. The gas valves will be energized.