

Sentry:

- Receive a call (Heating or DHW)
- Allow 120V to Circ. Pump
- Check outlet water temperature
- **Blower security check:**
 - Pressure switch Open
 - Start blower
 - Pressure switch Closed
 - Blower is OK
- Sentry is OK - Calls Fenwal for ignition

Fenwal:

- Hot surface igniter
- OK, Activate gas valve
- OK, Check for a flame
- OK, Tell Sentry everything is OK

Sentry:

- System is OK
- Start flame modulation.
- Call ends - Back to standby

