SAVE ENERGY & PROTECT YOUR BOILER.

Add Control for Lo/Hi/Lo Operation & Add a Low Fire Hold Aquastat.
### Typical Honeywell Control Device and Settings

<table>
<thead>
<tr>
<th>PSI</th>
<th>°F</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>220°</td>
<td>High Limit turns burner off if operating control fails - Manual Reset Required.</td>
</tr>
<tr>
<td>6</td>
<td>180°</td>
<td>Operating Control turns burner off (Setpoint)</td>
</tr>
<tr>
<td>5</td>
<td>170°</td>
<td>High/Low Control switches to low fire rate on pressure or temperature rise.</td>
</tr>
<tr>
<td>4</td>
<td>160°</td>
<td>High/Low Control switches to high fire rate on pressure or temperature fall.</td>
</tr>
<tr>
<td>3</td>
<td>155°</td>
<td>Operating Control starts burner on pressure or temperature fall (Setpoint minus differential)</td>
</tr>
<tr>
<td>1</td>
<td>140°</td>
<td>Low Fire Hold Aquastat releases burner from low fire rate on warm-up from cold.</td>
</tr>
</tbody>
</table>

### Function

- **10 PSI Set L4079B**: 220° F
- **6 PSI Set 3 PSI Dif. L4004F**: 180° F 25° Dif.
- **5 PSI Set 1 PSI Dif. L4004F**: 170° F 10° Dif.
- **4 PSI**: 160° F
- **3 PSI Set 3 PSI Dif. PA404A (Instead of L404F)**: 155° F
- **140° F L4006B or L6006A (Limit Switch)**: 140° F
- **10° Dif. L4006A**: 155° F
- **160° F**: 160° F
- **170° F**: 170° F 10° Dif.
- **180° F**: 180° F 25° Dif.
- **3 PSI Set**: 3 PSI Set
- **5 PSI Set**: 5 PSI Set
- **6 PSI Set**: 6 PSI Set
- **10 PSI Set**: 10 PSI Set
- **140° F L4006B or L6006A (Limit Switch)**: 140° F

### Typical Wiring Schematic

- **Line Voltage Service 120V 60 Hz From Fused Disconnect Supplied by Installer**
- **High Gas Pressure**: LWCO-P
- **Low Gas Pressure**: LWCO-S
- **LWCO-P**: LWCO-P
- **LWCO-S**: LWCO-S
- **High Limit**: Operating Control
- **High/Low Control**: Switches
- **Operating Control**: Turns burner off (Setpoint)
- **High/Low Control**: Switches to low fire rate on pressure or temperature rise.
- **High/Low Control**: Switches to high fire rate on pressure or temperature fall.
- **Operating Control** starts burner on pressure or temperature fall (Setpoint minus differential)
- **Low Fire Hold Aquastat** releases burner from low fire rate on warm-up from cold.