Gas Pressure Setting

**NOTE:** For additional installation and commissioning information refer to the unit’s owner’s manual.

**WARNING**

- The appliance must be installed, serviced and removed by a trained and qualified person.
- Disconnect and re-connect all wiring harnesses on unit and PC before doing repair work. Failure to do so may result in serious injury to yourself or damage to the unit.

**APPLIANCE OPERATING Pressures**

<table>
<thead>
<tr>
<th>Pressure Class</th>
<th>Water Heater (GWH)</th>
<th>Gas Inlet Pressure (mm W.C.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>1.5 - 3.0 mm W.C.</td>
<td>0.38 - 1.06 bar</td>
</tr>
<tr>
<td>LPG</td>
<td>1.5 - 3.0 mm W.C.</td>
<td>0.38 - 1.06 bar</td>
</tr>
</tbody>
</table>

**Gas Flow Rate**

- **Natural Gas:** 1.5 - 3.0 mm W.C.
- **LPG:** 1.5 - 3.0 mm W.C.

Troubleshooting

**Important Safety Notes:**

- There are a number of (1) lists that are required when fault finding the product. A trained technician should perform these tests.
- Before checking for resistance measurements, disconnect the power source to the unit and isolate the circuit from the circuit breaker.

**Appliance Faults**

- **Service Call:**
  - Check for low water flow in a circulating system causing short-cycling.
  - Check for restrictions in air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Gas Inlet**

- **LPG:** 1.5 - 3.0 mm W.C.
- **Natural Gas:** 1.5 - 3.0 mm W.C.

**WATER THERMISTOR**

- **Service Call:**
  - Check for a clogged heat exchanger.
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**ANTI-FROST**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Scale Build-up in Heat Exchanger**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Air Supply or Exhaust Blockage**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Furnace Fan**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Error Codes**

**Gas Inlet**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Water Flow Sensor**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Gas Pressure Setting**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Error Codes**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Power Interruption during Bath Fill (Water will not flow when power returns)**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Air Supply or Exhaust Blockage**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Over Temperature Warning**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Scale Build-up in Heat Exchanger**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Spare Parts**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Dip Switches Settings**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Connect to PC (On) to View Error Codes**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.

**Wiring Diagram**

- **Service Call:**
  - Check for restricted air flow around unit and vent terminal.
  - Check for short-cycling.
  - Measure the resistance of each solenoid valve coil.