INNOVATION WATER HEATER
START-UP FORM

Please complete ONE (1) form for each UNIT at the site and return to AERCO for warranty validation within 30 days of start-up. After completion, e-mail this form to: STARTUP@AERCO.COM.

Completed By: ___________________________ Date: ___________________________

Location

Installation Name: ___________________________ SST Technician: ___________________________

Street Address: ___________________________ Company: ___________________________

City, State, Zip: ___________________________ Phone #: ___________________________

AERCO Sales Rep: ___________________________ UNIT SERIAL #: ___________________________

Units

Registered Unit(s) is an INN-  □ 600  □ 800  □ 1060  □ 1350

Quantity of Units at Job Site ___________________________

Combustion Calibration

Note: Consult Chapter 4 of INNOVATION O&M Manual, GF-128, for proper oxygen (O₂) settings at the 16% calibration point. Also, provide the data shown in the table below for valve positions of 20%, 30%, 40%, 50% 60%, 80% and 100%, if possible.

Ambient combustion air temperature during calibration: _______________ °F

Inlet Gas Manifold Supply Pressure: _______________ in. W.C. @ 100%

Gas Pressure downstream of the SSOV at 16% valve position _______________ inches W.C.

<table>
<thead>
<tr>
<th>Valve Position</th>
<th>Oxygen (O₂) (%)</th>
<th>Carbon Monoxide (CO) (ppm)</th>
<th>Nitrous Oxide (NOx) (ppm)</th>
<th>Flame Strength (μA)</th>
<th>SSOV Outlet Pressure (in. W.C.)</th>
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</thead>
<tbody>
<tr>
<td>16%</td>
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<td>20%</td>
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<td>100%</td>
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</tbody>
</table>
## Temperature Calibration for Innovation Water Heater

*Note: Consult Chapter 4 of GF-128 for temperature calibration procedure.*

1. Water Heater setpoint? __________ °F
2. Minimum load adjustment control setting? ________________
3. Maximum load adjustment control setting? ________________
4. Lower aquastat setting? (Typically set 20°F above unit set point) __________ °F

## Water Heater Management (WHM) Set-Up

1. Is RS485 (Modbus) wiring "Daisy-Chained" between units? □ Yes □ No
2. Are the Sequencing Valves connected to the 3-pin Molex connectors from the INN Water Heaters □ Yes □ No
3. Is a hose bib installed in the outlet piping? □ Yes □ No
4. Are check valves installed in the cold water inlet? □ Yes □ No
5. Are check valves installed in the recirculation line? □ Yes □ No
Gateway Configuration

Name: ________________________________  Gateway Model:  ProtoNode (Serial) □
Phone Number: __________________________  ProtoNode (Lon) □
E-Mail Address: __________________________
Job Name: ______________________________

Input wiring termination to the Gateway translation device (Check one)

- EIA-485 (2 wire) □
- EIA-485 (4 wire) □
- EIA-232 □

Building Automation System (BAS) protocol (Check one)

- BacNet:
  - IP: □
  - MS/TP: □
- Johnson Controls - N2: □
- LonWorks: □
- Modbus - IP: □

What Baud Rate. (Check One):

- 156,000 □  • 19,200 □
- 76,800 □  • 9,600 □
- 38,400 □  • Other ____________

BAS Device Address #’s ____________
N2 Device Node ID ____________

OR:

BACnet Device Instance #’s ____________
BACnet Network Number ____________
BACnet IP Address ____________

OR:

LonWorks Program ID ____________