



SMARTPLATE INDIRECT FIRED WATER HEATERS 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: _____

Site Location

Installation Name: _____ SST Technician: _____

Street Address: _____ Company: _____

City, State, Zip: _____ Phone #: _____

AERCO Sales Rep: _____ UNIT SERIAL #: _____

Equipment Classification

SmartPlate Unit Types

Single-Wall Heaters: SP23, SP33, SP45, SP69, SP150

Double-Wall Heaters: SPDW23, SPDW32, SPDW42, SPDW61, SPDW113

Double-Wall EV Heaters: SPEV30, SPEV40, SPEV60, SPEV90, SPEV140, SPEV140HF, SPEV200HF

Unit Type: _____

Temperature Calibration for SmartPlate Water Heater

Consult OMM-0147 for temperature calibration procedure.

1. Water Heater setpoint? _____ °F

2. Lower aquastat setting? (Typically set 20°F above unit set point) _____ °F

Set-Up

1. Is RS485 (Modbus) wiring "Daisy-Chained" between units? _____ ☐ Yes ☐ No

2. Is a hose bib installed in the outlet piping? _____ ☐ Yes ☐ No

3. Are check valves installed in the cold water inlet? _____ ☐ Yes ☐ No

4. Are check valves installed in the recirculation line? _____ ☐ Yes ☐ No

5. Pressure Drop at Start-Up? _____ PSIG at _____ GPM

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):

- 19,200 ☐
- 4,800 ☐
- 9,600 ☐
- Other _____

BAS Device Address #'s _____

N2 Device Node ID _____

OR:

BACnet Device Instance #'s _____

BACnet Network Number _____

BACnet IP Address _____

OR:

LonWorks Program ID _____

ADDITIONAL NOTES: