

For Heaters Using a Storage Tank

- Storage tank is: Stratified Accumulator
- Does tank have? Baffle Dispersion Tube
- What is the storage tank's volume? _____ Gallons
- If using an accumulator, is an F&T trap installed on the heaters Yes No
- What is the heater outlet temperature? _____ °F
- Position of aquastat: Upper 1/3 Middle 1/3 Lower 1/3 No aquastat
- What is the aquastat temperature setting? _____ °F
- Does the aquastat control the pump between the tank and heater? Yes No
- Is a throttling valve installed between the pump and heater? Yes No
- Is there a bypass loop around the pump? Yes No
- What is the capacity of pump between the tank and heater? _____ GPM

Water Heater Installation

- Are isolation valves installed in the inlet piping? Yes No
- Are isolation valves installed in the outlet piping? Yes No
- Is a hose bib installed in the outlet piping? Yes No
- Are check valves installed in the cold water inlet? Yes No
- Are check valves installed in the recirculation line? Yes No
- Building recirculation is piped to: Inlet Side of Heater None
- Record distance of building connections (ft) _____ & cold water feed (ft) _____ to the bank of unit(s)
- What are the maximum/minimum design flow rates through the unit? Max _____ GPM, Min _____ GPM
 - Were the maximum & minimum flow rates verified? Yes No
- What is the design system flow rate? _____ GPM
- What is the design plant delta T? _____ °F

Valve Information

- Inlet steam pressure to valve?
- Has the water flow been balanced between the units? Yes No
- Type of valve: Pneumatic Self-Contained Electric
 AERCO Other _____
(please specify model/manufacture)

Mode of Operation

If Network (MODBUS), the network type is (choose one):

Gateway

Other: _____

ProtoNode

If Building Automation System (BAS) Protocol is in use (choose one):

BACNet (choose one):

IP (ProtoNode Only)

MS/TP

PTP

ARC156 (XPC Model Only)

Johnson Controls - N2

LonWorks

Summary

1. Are all units installed in accordance with AERCO guidelines and industry best practices? Yes No
a. If No, please describe the issues.

b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> AERCO Applications Engineer: _____ | <input type="checkbox"/> General Contractor: _____ |
| <input type="checkbox"/> Mechanical Contractor: _____ | <input type="checkbox"/> Building Owner: _____ |
| <input type="checkbox"/> Design Engineer: _____ | <input type="checkbox"/> Plumber: _____ |
| <input type="checkbox"/> Controls Engineer: _____ | <input type="checkbox"/> Electrician: _____ |

2. Is there any conflict between the Installation & the Engineer's Specification or Design Plans? Yes No
a. If Yes, please describe the issues.

b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> AERCO Applications Engineer: _____ | <input type="checkbox"/> General Contractor: _____ |
| <input type="checkbox"/> Mechanical Contractor: _____ | <input type="checkbox"/> Building Owner: _____ |
| <input type="checkbox"/> Design Engineer: _____ | <input type="checkbox"/> Plumber: _____ |
| <input type="checkbox"/> Controls Engineer: _____ | <input type="checkbox"/> Electrician: _____ |

3. Are there any conflicts or physical restrictions that will prevent the boiler plant from receiving proper preventative maintenance in the future? Yes No
a. If Yes, please describe the issues.

b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> AERCO Applications Engineer: _____ | <input type="checkbox"/> General Contractor: _____ |
| <input type="checkbox"/> Mechanical Contractor: _____ | <input type="checkbox"/> Building Owner: _____ |
| <input type="checkbox"/> Design Engineer: _____ | <input type="checkbox"/> Plumber: _____ |
| <input type="checkbox"/> Controls Engineer: _____ | <input type="checkbox"/> Electrician: _____ |

4. Please outline any exceptions that have been granted by AERCO Applications Engineering for this installation if necessary.

a. AERCO Application Engineering Sign Off: _____

ADDITIONAL NOTES: