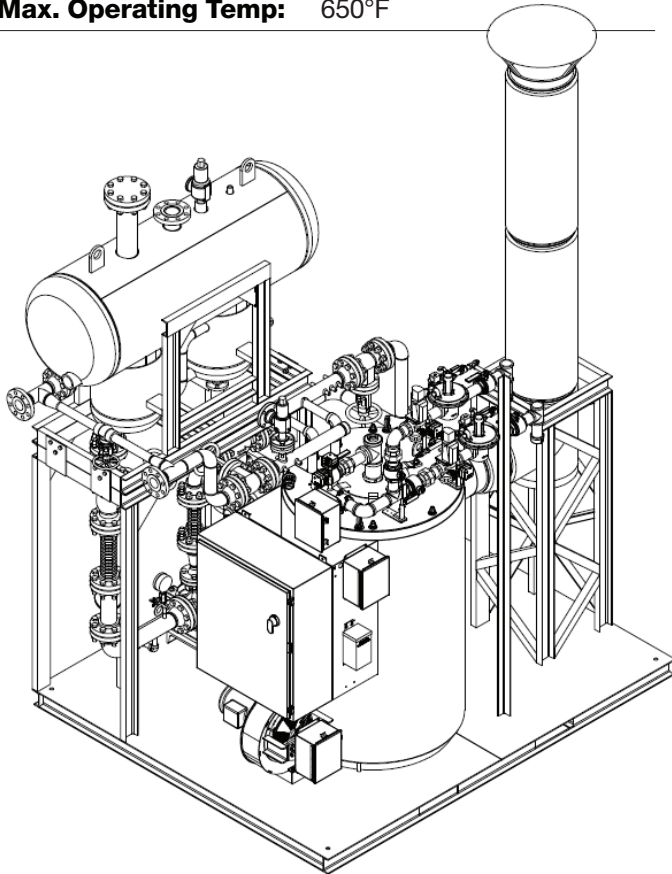


## NATIONAL BOARD#: 8920

## MODEL: FT-0240-C

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| <b>Model:</b>               | FT-0240-C                                                           |
| <b>ASME Certification:</b>  | ASME Section I<br>150 PSI MAWP<br>100 PSI Trim                      |
| <b>Enclosure:</b>           | NEMA 4                                                              |
| <b>Fuel:</b>                | Natural gas / Propane                                               |
| <b>Circulating Pump:</b>    | Dean RA3000 2 x 3 x 8½<br>(150 GPM @ 55 PSI) with a<br>15HP motor   |
| <b>Deaerator (DA) Tank:</b> | FT-0500-L, ASME Section<br>VIII, 50 PSI MAWP, trimmed<br>at 15 PSI. |
| <b>Accessories:</b>         | Nitrogen blanket kit, 1½"<br>manual system bypass                   |
| <b>Max. Operating Temp:</b> | 650°F                                                               |



**Mechanical Drawing:** T99-1843

**Electrical Drawing:** T53-10120

### ▶ MAJOR CUSTOMER CONNECTIONS

|                                 |                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------|
| <b>Electrical:</b>              | 460/60/3, 28A                                                                               |
| <b>Thermal Fluid Supply:</b>    | 2½" CL flanged connection                                                                   |
| <b>Thermal Fluid Return:</b>    | 2½" CL flanged connection                                                                   |
| <b>Natural Gas</b>              | 2" NPT connection, ½ psi<br>supply pressure, 2,900CFH                                       |
| <b>Propane Gas:</b>             | 2" NPT connection, ½ psi<br>supply pressure, 1,200CFH                                       |
| <b>Nitrogen Inlet:</b>          | ½" NPT connection (set up<br>for 2-7 psi system set<br>pressure, or higher upon<br>request) |
| <b>DA Vent:</b>                 | 3" CL300 flanged connection                                                                 |
| <b>Fuel Train Vents:</b>        | (2) ½" NPT, 2½" NP                                                                          |
| <b>SRV Discharge (Heater):</b>  | 2" CL150 flanged connection                                                                 |
| <b>SRV Discharge (DA Tank):</b> | 2½" NPT connection                                                                          |
| <b>Flue:</b>                    | 14" (stack included)                                                                        |
| <b>DA Check Pipes:</b>          | (2) ½" CL300 flanged<br>connection                                                          |
| <b>DA Drain:</b>                | ¾" CL300 flanged connection                                                                 |

### ▶ THERMAL FLUID HEATER WEIGHTS

|                          |            |
|--------------------------|------------|
| <b>Dry Weight:</b>       | 6,600 lbs. |
| <b>Operating Weight:</b> | 7,434 lbs. |

### ▶ SHIPPING WEIGHTS

|                              |                      |
|------------------------------|----------------------|
| <b>Heater:</b>               | 6,100 lbs.           |
| <b>Tank:</b>                 | 2,200 lbs.           |
| <b>Thermal Fluid Volume:</b> | 100 gallons          |
| <b>Skid Dimensions:</b>      | 90"L x 121"W x 167"H |