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70,000 lbs/hr Deaerating Boiler Feedwater System

Nationwide Boiler's trailer-mounted 70,000 lb/hr Deaerating Feedwater System with 10 minutes storage, and guaranteed oxygen concentrations not to exceed .005cc/ltr. Including but not limited to the following:

- Design Pressure of 50 psig
- Rosemount level control
- Make-up Valve with 3-way Bypass
- Steam Pressure Control Valve with 3-way Bypass
- High and Low Water Alarms and Low Water Cut-out
- Pair of 2" x 3" Safety Relief Valves Set at 50 psi each (loose)
- Sentinel Valve 1" x 1 1/4", set @ 20 psi
- Vent Valve and Vacuum Breaker
- Overflow Trap
- Tank and Softener Drains
- Water Level Gauge Glass and Cocks
- Tank Thermometer and Pressure Gauges
- Duplex Water Softener with Brine Tank
- Control Panel
- Pre-wired for 110V Control Circuit
- Three Vertical Feedwater Pumps, each with 50 HP Motors, Pre-piped and wired
- Single 200 amp Disconnect (pre-wired into three individual MCP motor starters for triplex pump operation, each pump 75 gpm @ 470 psi discharge pressure)



Connection Sizes:

Cold Water Make-up:	3" 125# FLG
Condensate Return, pumped:	3" 250# FLG
Condensate Return, high press:	1 1/2" NPT
Common Drain Header:	3" 150# FLG
Feedwater Discharge:	6" 300# FLG (connections at either end of header)

Steam Inlet: 3" 250# FLG

Electrical Power Requirements:

480 VAC, 60 Hz, 3 ph (200 amp)

Drains:

Deaerator:	3" 150# FLG
Softener:	2" 150# FLG

Dimensions & Weights:

Length:	54' 3"
Width:	8' 6"
Height:	11' 5"
Shipping:	48,030 lbs (approx)
Flooded:	65,845 lbs (approx)

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* Actual equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.