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## 30,000 lbs/hr Deaerating Boiler Feedwater System

Nationwide Boiler's trailer-mounted 30,000 lb/hr Deaerator 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
- McDonnell Miller 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
- 4" Safety Relief Valve with 4" x 4" spool piece (loose)
- Sentinel Valve
- Vent Valve and Vacuum Breaker
- Overflow Trap
- Common Drain Header
- Water Level Gauge Glass and Cocks
- Thermometer Gauge
- Pressure Gauge
- Control Panel
- Pre-wired for 110V Control Circuit
- Two Vertical Feedwater Pumps, each with 50 HP Motors, Pre-piped and wired
- Single 100 amp Disconnect (pre-wired into a pair of individual MCP motor starters for single pump operation)



### Connection Sizes:

Cold Water Make-up:	2" NPT
Condensate Return, pumped:	2" NPT
Condensate Return, high press:	3" 150# RF FLG
Common Drain Header:	3" 150# RF FLG
Feedwater Discharge:	3" 300# RF FLG (connections at either end of header)
Steam Inlet:	4" 300# RF FLG

### Electrical Power Requirements:

480 VAC, 60 Hz, 3 ph (100 amp)

### Drains:

Deaerator:	2" NPT
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### Dimensions & Weights:

Length:	42' 0"
Width:	8' 0"
Height:	14' 0"
Shipping:	35,000 lbs (approx)
Flooded:	48,000 (approx)

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 Ultra Low NOx Solutions

**EconoStak**<sup>TM</sup>  
 Energy Saving Solutions

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True Nationwide Coverage & Beyond. Representatives Located Worldwide.

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