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## 225,000 lbs/hr Deaerating Boiler Feedwater System

Nationwide Boiler's 225,000 lb/hr, 50 psig design pressure deaerator is complete with feedwater pumps and is fully piped and wired. It includes the following trim:

- Control Panel
- Water Level Gauge Glasses
- Low and High Water Level Switches
- Steam Pressure Controller w/ 3" Jamesbury Ranger Steam Pressure Control Valve
- Make-up Water Level Controller w/ 3" Jamesbury Ranger Make-up Water Control Valve
- Temperature Gauge
- 8"-125# Safety Relief Valve (set at 50 psig)
- 1" Kunkle Sentinel Relief Valve (set at 20 psig)
- Overflow Control
- Vacuum Breaker
- Motor Starters (installed & wired)
- Feedwater Pumps (4 total):
 

Carver Pump	Multi-Stage
Capacity	195 gpm each
Total Discharge Head	1750 Ft.



Storage Capacity: 3,300 gallons  
 Steam Requirements: 32,725 lbs/hr @ 60 psig  
 Condensate Returns: 0%

**Connection Sizes:**

Deaerator Steam Supply: 4"-300# FLG  
 Make-up Water: 4"-150# FLG  
 Condensate: 6"-150# FLG  
 Overflow: 6"-150# FLG  
 Drain: 3"-150# FLG  
 Cooling Water Inlet: 1/2" NPT  
 Cooling Water Outlet: 1/2" NPT  
 Instrument Air: 1/2" NPT  
 Feedwater Discharge: 6"-600# FLG

**Electrical Power Requirements:**

480 VAC, 3 ph, 60 Hz., 300 amps

\*note: shipped knock-down for field installation & assembly.

**Dimensions & Weights:**

Shipping Height: 8' 3"	Assembled Height: 26' 7"
Shipping Length: 32' 7"	Assembled Length: 32' 7"
Shipping Width: 9' 1"	Assembled Width: 9' 1"
Shipping Weight: 48,500 lbs	Operating Weight: 76,850 lbs
Shipping Loads: 2	Flooded Weight: 93,500 lbs

Ask About Our **Green 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.*