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## **47.5 HP - In Stock** **Ultra Low NOx, 150 psig** **Vertical Boiler System**

Nationwide Boiler's ultra low NOx, 47.5 hp (1,640 lbs/hr) Hurst vertical boiler system is designed at 150 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 47.5 hp Hurst 4-Pass Vertical Boiler
- Powerflame NPM-50 Burner
- Two (2) Low Water Cutoffs
- NEMA 4 Control Panel w/ Siemens LMV Linkage-less Controls
- Manual Reset High Limit Pressure Control
- Blowdown Valves (Mounted & Pre-Piped)
- Operating Steam Pressure Limit
- Steam Pressure Transmitter w/ LMV3
- SS Chemical Injection Quill
- Valve Trim (Feedwater, Blowdown, and Steam; Factory Mounted)
- Two (2) Safety Relief Valves (Shipped Loose)
- Stack Thermometer (Shipped Loose)
- NBI Proprietary External Jacketing
- Set of Seismic Anchor Clips and Center of Gravity Drawings
- Meets IRI, Factory Mutual, and Cal Codes
- CSD-1 and UL approved
- Pre-certified for SCAQMD Rule 1146.2
- Electronic Operating Manual

***Factory Integrated Skid Design Reduces  
Installation Time & Costs!***



### **Fuel Consumption:**

Natural Gas: 1,950 SCFH @ 1 psig

### **Connection Sizes:**

Steam Outlet: 2.5"-150# FLG  
Natural Gas: ½" NPT  
Blowdown: 1¼" NPT  
Feedwater: 1" NPT  
Stack: 12" OD

### **Electrical Power Service Requirements:**

460 VAC, 3 ph, 60 hz, 20 AMPS

### **Dimensions & Weights:**

Length: 9' 5"  
Width: 5' 2"  
Height: 8' 7"  
Shipping Weight: 5,500 lbs  
Operating Weight: 6,700 lbs

### **Emissions Data (natural gas):**

NOx (corr. to 3% O<sub>2</sub>): 20 ppm  
CO (corr. to 3% O<sub>2</sub>): 50 ppm

Ask About Our **Green Solutions**

**CataStak**<sup>TM</sup>  
Ultra Low NOx Solutions

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

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