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**110,000 pph**  
**Low NOx, 750 psig / 750 F**  
**Trailer-Mounted Superheat Boiler**

Nationwide Boiler's low NOx 110,000 pph, 750 psig design / 750 F superheated steam trailer-mounted Babcock & Wilcox package watertube boiler is set to burn natural gas or future #2 oil. It is fully piped and wired and includes the following components:

- Low NOx Burner
- Burner Management System
- EconoStak Economizer
- Fully Metered Combustion Controls
- Forced Draft Fan, Motor & Starter / VFD
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Pre-piped Feedwater Stop & Check Valves
- Pre-piped Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Steam Non-return Valve (loose)
- Stack (loose)
- Economizer Piping Partially Mounted on Unit
- NEMA 4 Electrical Enclosures
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals and Drawings on CD
- CataStak™ SCR System for 5 ppm NOx (optional)



**Fuel Consumption:**

Natural Gas: 156,000 SCFH @ 15 psi regulated

**Connection Sizes:**

Main Steam: 8"-600# FLG  
 Natural Gas: 4"-150# FLG  
 Feedwater: 3"-600# FLG  
 Bottom Blowdown: 1½"-600# FLG  
 Continuous Blowdown: 1"-600# FLG  
 Chemical Feed: ½"-600# FLG  
 Instrument Air: ¾" NPT  
 Water Column Drain: ¾" NPT

**Electrical Power Service Requirements:**

480 VAC, 3 ph, 60 hz, 400 AMPS

**Dimensions & Weights:**

Length: 30' 5" (boiler only)  
 Width: 11' 10" (installed)  
 Height: 40' 0" (installed with economizer)  
 Shipping Weight: 135,000 lbs  
 Operating Weight: 165,000 lbs

**Emissions Data (natural gas):**

	<u>Without SCR</u>	<u>With SCR</u>	<u>Without SCR</u>
NOx (corr. to 3% O <sub>2</sub> ):	80 ppm	5 ppm	30 ppm*
CO (corr. to 3% O <sub>2</sub> ):	50 ppm	50 ppm	50 ppm

\*Capacity derated to 95,000 pph

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.

