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250,000 pph, 800 psig 750°F Superheat, Low NOx Skid-Mounted Boiler

Nationwide Boiler's low NOx 250,000 pph, 800 psig design (400-675 psig operating), superheat steam, skid-mounted package watertube Babcock & Wilcox boiler is set to burn natural gas, hydrogen-blended fuels or #2-6 oil. It is piped and wired and includes the following components:

- Low NOx Burner
- EconoStak Economizer
- Allen-Bradley PLC Based Burner Management System with Fully Metered Combustion Controls
- Forced Draft Fan & Motor (no starter)
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Flues & Ducts
- Main Steam Non-return Valve
- Stack
- NEMA 4 Electrical Enclosure
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Electronic Operating Manuals



Fuel Consumption:

Natural Gas: 286,000 SCFH @ 20 psi reg.
 #2 Oil: 1974 GPH

Connection Sizes:

Main Steam: 10"-600# FLG
 Natural Gas: 6"-150# FLG
 #2 Oil Supply / Return: 1½" NPT / 1½" NPT
 Feedwater: 4"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed: ½" NPT
 Atomizing Air: 1" NPT 1200 pph @ 80 psig
 Atomizing Steam: 1" NPT 1200 pph @ 656 psig
 Instrument Air: ½" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

4160 / 2300 VAC, 3 ph, 60 hz, 600 HP Standard*

* Optional Voltage 50Hz Available

Boiler Dimensions & Weights:

Length / Width / Height: 46' 6" / 12' 6" / 17' 4"
 Shipping Weight: 216,000 lbs
 Operating Weight: 274,000 lbs

Ask About Our **Green Solutions**

CataStak™
 Ultra Low NOx Solutions

EconoStak™
 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.