Nationwide™ Boiler Incorporated

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180,000 pph Low NOx, 400 psig Skid-Mounted Boiler

Nationwide Boiler's low NOx 180,000 pph, 400 psig design, saturated steam, skid-mounted package watertube Babcock & Wilcox boiler is set to burn natural gas or #2 oil. It is piped and wired and includes the following components:

- Low NOx Burner
- EconoStak Economizer
- Burner Management System
- Parallel Positioning Combustion Controls
- Forced Draft Fan & Motor
- 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
- Steam Non-return Valve (loose)
- FGR Ductwork (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals

Fuel Consumption:

Natural Gas:	217,000 SCFH @ 18 psi reg.
#2 Oil:	1530 GPH

Connection Sizes:

Main Steam:	12"-300# FLG
Natural Gas:	6"-150# FLG
#2 Oil Supply:	1½" NPT
Feedwater:	4"-300# FLG
Bottom Blowdown:	1½"-300# FLG
Continuous Blowdown:	1" NPT
Chemical Feed:	1" NPT
Atomizing Air / Steam:	1½" NPT / 1½" NPT
Instrument Air:	½" NPT
Water Column Drain:	1" NPT

Electrical Power Service Requirements:

4160 / 2300 VAC, 3 ph, 60 hz, 400 HP Standard*

* Optional Voltage 50Hz Available

Boiler Dimensions & Weights:

Length / Width / Height:	56' 6" / 44' 6" / 16' 9"
Shipping Weight:	156,500 lbs
Operating Weight:	171,500 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O_2):	30 ppm
CO (corr. to 3% O_2):	50 ppm

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.*