82,500 pph
500 psig Design, Low NOx
Skid-Mounted Boiler

Nationwide Boiler's low NOx 82,500 pph, 500 psig design, saturated steam, skid-mounted package watertube Babcock & Wilcox 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
- EconoStak Economizer
- NEMA 4X Panel with Honeywell RM7800, SILIII Rated Burner Management System
- Allen-Bradley PLC Touchscreen Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves (loose)
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Single Element Feedwater Regulator with Pre-piped 3-Valve Bypass
- Steam Non-return Valve (loose)
- FGR Ductwork (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures
- Ultra Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Electronic Operating Manuals

Fuel Consumption:
Natural Gas:	99,830 SCFH @ 15 psi regulated
Future #2 Oil:	697 GPH

Connection Sizes:
Main Steam:	8"-300# FLG
Natural Gas:	4"-150# FLG
#2 Oil Supply / Return:	1¼" NPT / ½" NPT
Feedwater:	3"-300# FLG
Bottom Blowdown:	1½"-600# FLG
Continuous Blowdown:	1" NPT
Chemical Feed:	½" NPT
Atomizing Air:	1¼" NPT
Instrument Air:	¾" NPT
Water Column Drain:	1¼" NPT

Electrical Power Service Requirements:
480 VAC, 3 ph, 60 hz, 200 AMPS

Boiler Dimensions & Weights:
Length / Width / Height:	33' 10" / 11' 10" / 13' 8"
Shipping Weight:	101,200 lbs
Operating Weight:	131,500 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

* Actual Equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.