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80,000 pph Low NOx, 250 psig Skid-Mounted Boiler

Nationwide Boiler's low NOx 80,000 pph, 250 psig design (100-225 psig operating), saturated steam, skid-mounted package watertube boiler is set to burn natural gas. It was built in 1998 and includes the following components:

- Low NOx Natcom 30 ppm Burner (installed in 2007)
- New NEMA 4X Control Panel with
 - ⇒ SIL III Rated Honeywell 7800 Series Burner Management System including PLC Integration
 - ⇒ Combustion Control System featuring Allen-Bradley 5069 Series CompactLogix with Panelview Plus 10" HMI
- Forced Draft Fan and 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
- Single Element Feedwater Regulator with 3-Valve Bypass
- EconoStak Economizer (optional)
- Low NOx CataStak™ SCR System (optional)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Electronic Operating Manuals



Fuel Consumption:

Natural Gas: 105,000 SCFH

Connection Sizes:

Main Steam: 8"-300# FLG
 Natural Gas: 3"-300# FLG
 Feedwater: 3"-300# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed: ¾" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 200 AMPS

Dimensions & Weights:

Length / Width / Height: 29' 5" / 12' 0" / 14' 10"
 Shipping Weight: 110,800 lbs
 Operating Weight: 141,389 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 30 ppm
 CO (corr. to 3% O₂): 50 ppm

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.