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70,000 pph Low NOx, 400 psig Trailer-Mounted Boiler

Nationwide Boiler's low NOx 70,000 pph, 400 psig design, saturated steam, trailer-mounted package watertube boiler is set to burn natural gas (#2 oil is optional). It is fully piped and wired and includes the following components:

- Low NOx Burner
- Burner Management System
- Parallel Positioning Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Gas 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 Pre-piped 3-Valve Bypass
- Steam Non-return Valve
- Stack (loose)
- NEMA 4 Electrical Enclosures
- Separate Fuel Oil Skid for #2 Oil Firing (optional)
- EconoStak Economizer (optional)
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals



Fuel Consumption (with economizer):

Natural Gas: 88,400 SCFH @ 12 psi regulated
 #2 Oil (optional): 625 GPH

Connection Sizes:

Main Steam: 8"-300# FLG
 Natural Gas: 4"-150# FLG
 #2 Oil Supply / Return: 1"-150# FLG
 Feedwater: 2½"-300# FLG
 Bottom Blowdown: 1½"-300# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed: 1" NPT
 Atomizing Air / Steam: 1¼" NPT / 1¼" NPT
 Instrument Air: ½" NPT
 Water Column Blowdown: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 Hz, 250 AMPS

Dimensions & Weights:

Length / Width / Height: 51' 7" / 10' 7" / 14' 2"
 Shipping Weight: 81,500 lbs
 Operating Weight*: 105,200 lbs
*weight includes economizer

Emissions Data (natural gas):

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

Ask About Our **Green Solutions**

CataStak™
 Ultra Low NOx Solutions

EconoStak™
 Energy Saving Solutions

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