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75,000 pph, Low NOx 750 psig / 750°F Superheat Trailer-Mounted Boiler

Nationwide Boiler's low NOx 75,000 pph, 750 psig / 750°F design, superheat steam, trailer-mounted package watertube boiler is set to burn natural gas or #2 oil. It is fully piped and wired and includes the following components:

- Low NOx Burner
- EconoStak Economizer
- Burner Management System
- Parallel Positioning Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- #2 Fuel Oil Pump
- 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 (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: 107,500 SCFH @ 15-25 psi reg.
 #2 Oil: 765 GPH

Connection Sizes:

Main Steam: 8"-600# FLG
 Natural Gas: 6"-125# FLG
 #2 Oil Supply / Return: 2" NPT / 1¼" NPT
 Feedwater: 2½"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: ¾" NPT
 Chemical Feed: ½" NPT
 Atomizing Air / Steam: 2" NPT / 3"-150# FLG
 Instrument Air: ½" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 200 AMPS

Boiler Dimensions & Weights:

Length / Width / Height: 61' 4" / 10' 0" / 14' 0"
 Shipping Weight: 126,000 lbs
 Operating Weight: 170,000 lbs

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

42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com

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