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85,000 pph
Low NOx, 750 psig / 750°F
Trailer-Mounted Superheat Boiler

Nationwide Boiler's low NOx, 85,000 pph, 750 psig (250-675 psig operating) / 750°F design superheat, trailer-mounted Superior 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
- EconoStak Economizer
- Burner Management System
- Parallel Positioning 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
- 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
- Separate Fuel Oil Skid for #2 Oil Firing (optional)
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals



Fuel Consumption:

Natural Gas: 123,000 SCFH @ 15 psi regulated
 #2 Oil (optional): 861 GPH @ 150 psi regulated

Connection Sizes:

Main Steam: 8"-600# FLG
 Natural Gas: 4"-150# FLG
 #2 Oil Supply: 1"-150# R.F FLG
 Feedwater: 2½"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed: 1" NPT
 Atomizing Steam: 1" NPT
 Instrument Air: ½" NPT
 Water Column Drain: 2"-600# R.F FLG

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 250 AMPS

Boiler Dimensions & Weights:

Length* / Width / Height: 95' 4" / 11" / 14' 0"
 Shipping Weight: 180,827 lbs
 Operating Weight*: 170, 032 lbs (with economizer)

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.