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47,000 pph Low NOx, 350 psig Skid-Mounted Boiler

Nationwide Boiler's low NOx 47,000 pph, 350 psig design, saturated steam, skid-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
- Burner Management System
- Single-point 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 (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)
- Exhaust Transition Section (loose)
- NEMA 4 Electrical Enclosures
- Economizer Included (loose)
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals



Fuel Consumption:

Natural Gas: 60,300 SCFH @ 10 psi regulated
 #2 Oil: 415 GPH

Connection Sizes:

Main Steam: 5"-300# FLG
 Natural Gas: 3"-150# FLG
 #2 Oil Supply: 1" NPT
 Feedwater: 2" NPT
 Bottom Blowdown: 1¼" NPT
 Continuous Blowdown: 1" NPT
 Chemical Feed: ½" NPT
 Atomizing Air / Steam: 1¼" NPT
 Instrument Air: ½" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 65 AMPS

Dimensions & Weights:

Length / Width / Height: 26' 8" / 11' 5" / 14' 6"
 Shipping Weight: 66,000 lbs
 Operating Weight: 85,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 30 ppm
 CO (corr. to 3% O₂): 100 ppm

Ask About Our **Green Solutions**



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

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