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475 HP New In Stock Ultra Low NOx, 150 psig Skid-Mounted Boiler

Nationwide Boiler's ultra low NOx, 475 hp (16,388 lbs/hr) Superior skid-mounted boiler is designed at 150 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 475 hp Superior Package Firetube Boiler
- Webster Ultra Low NOx Burner
- Internal Economizer for 83% Minimum Efficiency
- 40 hp TEFC Blower Motor w/ VFD (shipped loose)
- 3-Pass XI-D Tube Design
- 3" Main Gas Pressure Regulator (mounted)
- NEMA 4 Control Panel w/ Siemens LMV Parallel Positioning Controls
- O2 Trim
- Valve Trim (safeties, drain, etc.)
- Blowdown Valves (mounted & pre-piped)
- 4" Non-return Valve & 2nd Steam Gate Valve (loose)
- Single Point 480V Electrical Disconnect Connection w/ Step Down 115V Transformer
- 8" x 4" ASME Reducer Spool (loose)
- Modulating Feedwater Control Valve w/ 3 Valve Bypass (loose)
- Integral Seismic Anchor Plates
- Meets ASME Section I, Cal Code, CSD-1, IRI and NFPA-85 Requirements
- Weatherproofed (except for freezing conditions) for Indoor / Outdoor use
- Operating Manuals on CD's



Fuel Consumption:

Natural Gas: 19,950 SCFH @ 10 psig regulated

Connection Sizes:

Steam: 4-300# FLG
 Natural Gas: 3" NPT
 Blowdown/Drain: 1½" NPT
 Surface Blowdown: 1" NPT
 Feedwater: 2" NPT
 Exhaust Stack: 24" Round

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 60 AMPS

Dimensions & Weights:

Length: 27' 6"
 Width: 10' 0"
 Height: 10' 1"
 Shipping Weight: 40,500 lbs
 Operating Weight: 68,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 7 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.