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100,000 pph, 500 psig Nebraska Package Watertube Boiler

Nationwide Boiler's 100,000 pph, 500 psig design saturated steam skid-mounted Nebraska package watertube boiler is set to burn natural gas. It was originally built in 2003 and includes the following components:

- Low NOx Burner
- **NEW** NEMA 4X Panel with Honeywell RM7800, SILIII Rated Burner Management System
- **NEW** Allen-Bradley PLC Touchscreen Combustion Controls
- Forced Draft Fan w/ Motor & Starter (loose)
- Gas Train
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Main Steam Non-Return & Gate Valves (loose)
- Safety Valves (loose)
- Pre-piped Feedwater Stop & Check Valves
- Blowdown Valves (loose)
- Fisher Feedwater Control Valve w/ 3-valve Bypass (loose)
- Continuous Blowdown Metering Valve (mounted)
- Stub Stack w/ Emission Test Ports (loose)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Economizer for Added Fuel Efficiency
- **Optional** CataStak™ SCR System for 2.5 ppm NOx
- Operating Manuals & Limited Warranty



Fuel Consumption:

Natural Gas: 125,000 SCFH @ 15 psi reg.

Connection Sizes:

Main Steam:	10"-600# FLG
Natural Gas:	4"-150# FLG
Feedwater:	3"-600# FLG
Bottom Blowdown:	1½"-600# FLG
Continuous Blowdown:	1" NPT
Chemical Feed:	¾" NPT
Instrument Air:	½" NPT
Water Column Drain:	¾" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 250 AMPS

Dimensions & Weights:

Length:	25' 1"
Width:	10' 7"
Height:	12' 11"
Shipping Weight:	80,000 lbs
Operating Weight:	95,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O ₂):	30 ppm
CO (corr. to 3% O ₂):	50 ppm

Ask About Our **Green Solutions**

CataStak™
 Ultra Low NOx Solutions

EconoStak™
 Energy Saving 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.