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800 hp Simoneau Ultra Low NOx, 450 psig Skid-Mounted High Temp Hot Water Boiler

Nationwide Boiler's ultra low NOx, 800 hp (27,600 lbs/hr) skid-mounted Simoneau hot water boiler is designed at 450 psig pressure, and set to burn natural gas. It was originally manufactured in 2011, is fully piped and wired and includes the following components:

- Ultra Low NOx Burner
- Economizer
- Forced Draft Fan, Motor & VFD
- Complete Gas Train
- Temperature / Pressure Gauges
- Dual Low Water Cutoffs
- Two (2) Safety Valves Set at 450 psig
- Nema 1 Panel w/ Auto flame Controls
- Low Water and Flame Failure Alarm
- Pilot System w/ Electric Ignition
- Main Supply Valve (loose)
- 50 hp Circulation Pump w/ VFD
- Meets FM / IRI / NFPA 85
- Seismic Zone 3 & 4 Design
- Operating Manuals



Fuel Consumption:

Natural Gas: 32,000 SCFH @ 5 psi regulated

Connection Sizes:

Main Supply: 8"-300# FLG

Natural Gas: 3" NPT

Flue Outlet: 54" x 72" (economizer outlet)

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 45 AMPS

Boiler Dimensions & Weights:

Length: 23' 5"

Width: 7' 9½"

Height: 10' 10"

Shipping Weight: 36,400 lbs

Operating Weight: 47,460 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 9 ppm

CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**

CataStakTM
Ultra Low NOx Solutions

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Energy Saving Solutions

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