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## 300 hp Simoneau (10 MMbtu) Ultra Low NOx, 450 psig Skid-Mounted High Temp Hot Water Boiler

Nationwide Boiler's ultra low NOx, 300 hp (206 gpm) 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
- Temperature / Flow Transmitters
- Dual Low Water Cutoffs
- Two (2) Safety Valves Set at 450 psig
- Nema 1 Panel w/ Autoflame Controls
- Low Water and Flame Failure Alarm
- Pilot System w/ Electric Ignition
- Main Supply Valve (loose)
- 30 hp Circulation Pump w/ VFD
- Meets FM / IRI / NFPA 85
- Seismic Zone 3 & 4 Design
- Electronic Operating Manual



### Fuel Consumption:

Natural Gas: 12,000 SCFH @ 5 psi regulated

### Specifications:

Operating Pressure: 345 psig minimum  
 Design Temperature: 650F  
 Operating Temperature: 300F in, 400F out

### Connection Sizes:

Hot Water Inlet / Outlet: 6"-300# FLG  
 Natural Gas: 2" NPT  
 Drains (3): 1" NPT

### Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 45 AMPS (Blower)  
 460 VAC, 3ph, 60 hz, 33 AMPS (Pump)

### Boiler Dimensions & Weights:

Length: 16' 10"  
 Width: 7' 3"  
 Height: 9' 0"  
 Shipping Weight: 15,050 lbs  
 Operating Weight: 17,430 lbs

### Emissions Data (natural gas):

NOx (corr. to 3% O<sub>2</sub>): 9 ppm  
 CO (corr. to 3% O<sub>2</sub>): 50 ppm

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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.