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## 119 HP Ultra Low NOx, 200 psig Skid-Mounted Boiler System

Nationwide Boiler's ultra low NOx, 119 hp (4,106 lbs/hr) Superior skid-mounted boiler system is designed at 200 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 119 hp Superior Apache Package Firetube Boiler
- PowerFlame NP2 Ultra Low NOx Burner
- 2" Maxitrol 210D Gas Pressure Regulator (mounted)
- NEMA 4 Control Panel w/ Siemens LMV Parallel Positioning Controls
- Valve Trim (safeties, drain, etc.)
- Blowdown Valves (mounted & pre-piped)
- Duplex Feedwater System w/ Condensate Return Tank & Preheater (mounted & pre-piped)
- ASME Blowdown Separator with Aftercooler Package (mounted & pre-piped)
- Non-return Valve & 2nd Steam Gate Valve (loose)
- Single Point 480V Electrical Disconnect Connection w/ Step Down 115V Transformer
- 6" x 2 1/2" ASME Reducer Spool (loose)
- Stub Stack (loose)
- Meets ASME Section I, Cal Code & CSD-1 Requirements
- Weatherproofed (except for freezing conditions)
- Operating Manuals on CD's

**Factory Integrated Skid Design Reduces  
 Installation Time & Costs!**



### Fuel Consumption:

Natural Gas: 4,998 SCFH @ 2-10 psig

### Connection Sizes:

Steam: 2 1/2"-300# FLG  
 Natural Gas: 2" NPT  
 Blowdown / Drain: 4"-300# NPT  
 Condensate Return: 2 1/2" NPT  
 Make-up Water: 3/4" NPT  
 Feedwater: 1 1/4" NPT  
 Stack: 16.5"

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 35 AMPS

### Dimensions & Weights:

Length: 16' 3"  
 Width: 8' 4"  
 Height: 8' 8"  
 Shipping Weight: 14,000 lbs  
 Operating Weight: 22,000 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

Ask About Our **Green Solutions**

**CataStak**<sup>TM</sup>  
 Ultra Low NOx Solutions

**EconoStak**<sup>TM</sup>  
 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.