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800 HP, 250 PSIG Low or Ultra Low NOx Package Firetube Boiler

Nationwide Boiler's 800 HP (27,600 lbs/hr) Hurst skid mounted package firetube boiler is designed at 250 psig for low or ultra-low NOx applications. Your choice burner will be mounted upon receipt of order. The boiler / burner package will be fully piped and wired and include the following components:

- 800 HP 2-Pass Semi-Waterback Boiler
- Oilon Low or Ultra Low NOx Burner (to be installed prior to shipment)
- Complete Gas Train
- Hurst Stack Master Internal Stack Economizer
- Control Panel w/ Siemens LMV Parallel Positioning Controls
- Valve Trim (safeties, blowdown, etc.)
- Steam Pressure Gauge
- Low Water Cutoffs (primary & auxiliary)
- Water Column & Site Glass
- Modulating Feedwater Control Valve
- High/Low Water & Flame Failure Alarms
- 6" Stack Thermocouple to Serve as High-Temp Safety Interlock
- Platform and Ladder Provisions to Boiler Shell
- Seismic Anchor Plates with Center of Gravity Calcs
- Meets UL / CSD-1 / NFPA 85
- Electronic Operating Manual



Fuel Consumption:

Natural Gas: 33,600 SCFH @ 15 psig

Connection Sizes:

Main Steam: 8"-300# FLG

Natural Gas: 3" NPT

Blowdown / Drain: 2" NPT

Feedwater: 2 1/2" NPT

Chemical Feed: 1" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 22 AMPS

Dimensions & Weights:

Length: 26' 5"

Width: 9' 8"

Height: 8' 3"

Shipping Weight: 35,700 lbs

Operating Weight: 49,400 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): As low as 2 1/2 ppm NOx

CO (corr. to 3% O₂): 30 ppm

**Your Choice Burner for Low or Ultra Low NOx
Emissions Requirements**

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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.