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650 HP Ultra Low NOx, 250 psig Skid Mounted Boiler

Nationwide Boiler's ultra low NOx, 650 hp (22,500 lbs/hr) skid mounted boiler is designed at 250 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 650 hp Package Firetube Boiler
- Ultra Low NOx Burner
- Gas Pressure Regulator
- Control Panel (Honeywell 7800 Series)
- Forced Draft Fan & Motor
- Complete Gas Train
- Steam Pressure Gauge
- Low Water Cutoffs
- Water Column & Site Glass
- Safety Valves
- Feedwater Stop & Check Valves
- Modulating Feedwater Control Valve
- Bottom Blowdown Valves
- Continuous Blowdown Metering Valve
- High/Low Water & Flame Failure Alarm
- Pilot System w/ Electric Ignition
- Stack (loose)
- Meets FM / IRI / NFPA 85
- Operating Manuals



Fuel Consumption:

Natural Gas: 27,200 SCFH @ 8-15 psig reg.

Connection Sizes:

Main Steam: 6"-250# FLG (valve outlet)

Natural Gas: 2½"-150# FLG

Blowdown / Drain: 2" NPT

Feedwater: 2" NPT

Instrument Air: ½" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 100 AMPS

Dimensions & Weights:

Length: 28' 10"

Width: 8' 6"

Height: 9' 3"

Shipping Weight: 36,000 lbs

Operating Weight: 50,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 9 ppm

CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**



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** Actual equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.*