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800 HP Ultra Low NOx, 290 psig Mobile Boiler Room

Nationwide Boiler's ultra low NOx 800 hp (27,600 lbs/hr) Mobile Boiler Room is an enclosed van unit, designed at 290 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 800 hp Superior Package Firetube Boiler
- Low NOx Burner
- Gas Pressure Regulator
- Control Panel
- Valve Trim (headers, safeties, blowdown, etc.)
- Spray-type Deaerator w/ Two Feedwater Pumps & Condensate Return Connections
- Duplex Water Softener with Brine Tank
- Chemical Feed System
- Blowdown Separator
- Interior Lighting
- Stack (loose)
- Electric Space Heater
- Operating Manuals



Fuel Consumption:

Natural Gas: 33,480 SCFH @ 10 psig

Connection Sizes:

Main Steam: 8"-300# FLG
 Natural Gas: 3"-150# FLG
 Atomizing Air: 1" NPT
 Blowdown / Drain: 6"-150# FLG
 Condensate Return: 2" NPT for low & high temp.
 Make-up Water: 2" NPT (60-100 psig)
 Softener Drain: 2" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 Hz, 250 AMPS

Dimensions & Weights:

Length: 53' 0"
 Width: 8' 6"
 Height: 13' 6" (with chassis)
 Shipping Weight: 89,000 lbs
 Operating Weight: 113,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 5 ppm
 CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**

CataStakTM
 Ultra Low NOx Solutions

EconoStakTM
 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.