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650 HP
Ultra Low NOx, 250 psig
Mobile Boiler Room

Nationwide Boiler's ultra low NOx, 650 hp (22,500 lbs/hr) Mobile Boiler Room is an enclosed van unit, 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)
- Valve Trim (header, safeties, blowdown, etc.)
- Spray-type Deaerator w/ Two Feedwater Pumps & Condensate Return Connections
- Duplex Water Softener
- Chemical Feed System
- Blowdown Separator
- Sample Cooler & Sink
- Interior Lighting
- Stack (loose)
- Electric Space Heater
- Operating Manuals



Fuel Consumption:

Natural Gas: 28,800 SCFH @ 8-15 psig reg.

Connection Sizes:

Main Steam: 6"-250# FLG (valve outlet)
 Natural Gas: 3"-150# FLG
 Blowdown / Drain: 6"-150# FLG
 Condensate Return: 1½ "-150# for low & high temp.
 Make-up Water: 1½ " NPT (60-100 psig)
 Softener Drain: 2" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 150 AMPS

Dimensions & Weights:

Length: 48' 0"
 Width: 8' 6"
 Height: 13' 11"
 Shipping Weight: 68,000 lbs
 Operating Weight: 116,900 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.*