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**650 HP**  
**Low NOx, 250 psig**  
**Mobile Boiler Room**

Nationwide Boiler's low NOx, 650 hp (22,500 lbs/hr) Mobile Boiler Room is an enclosed van unit, designed at 250 psig pressure, firing natural gas or #2 oil. It is fully piped and wired and includes the following components:

- 650 hp 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 Softeners
- Chemical Feed System
- Oil Pump & Motor
- Blowdown Separator
- Sample Cooler & Sink
- Interior Lighting
- Stack (loose)
- Electric Space Heater
- Operating Manuals



**Fuel Consumption:**

Natural Gas: 27,700 SCFH @ 9 psig  
 #2 Oil: 198 GPH @ 2 psig

**Connection Sizes:**

Main Steam: 6"-250# FLG  
 Natural Gas: 3"-150# FLG  
 #2 Oil Supply / Return: 1½" NPT / 1" NPT  
 Atomizing Air: ¾" NPT  
 Blowdown / Drain: 6"-150# FLG  
 Condensate Return: 2" NPT  
 Make-up Water: 2" NPT (60-100 psig)  
 Softener Drain: 2" NPT

**Electrical Power Service Requirements:**

460 VAC, 3 ph, 60 hz, 100 amp

**Dimensions & Weights:**

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

**Emissions Data (natural gas):**

NOx (corr. to 3% O<sub>2</sub>): 30 ppm  
 CO (corr. to 3% O<sub>2</sub>): 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.