

# Portable Boiler Room 250 HP / 5,175 PPH



## RH-250 9 PPM

### Features:

- Boiler and Burner Package
- Control Systems and Panels
- Onboard Fuel Tank – 1,000 Gallons
- Fuel Handling Equipment
- Feedwater Tank and Pump
- Water Softener with Chemical Tank and Pump
- Blowdown Separator
- **Ultra-Low NOx (9 PPM)**

### General Information

Rental Category	Portable Boiler Room
Boiler Size	250 BHP
Max Output Capacity	8,625 PPH (2.4 T/H)
Max Pressure (MAWP)	250 PSIG (17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil
Service	HPS / HHW
NOx Emission Rating	9 PPM (on Natural Gas)

### Connections

Steam Outlet	6" 300# FLG
Stack Exhaust	16" Ø
HHW Supply	6" 150# FLG
HHW Return	6" 150# FLG
City Water	1 ½" NPT
Condensate Return	2" NPT
Natural Gas	3" NPT
#2 Oil Supply	1" NPT
#2 Oil Return	1" NPT
Blowdown Drain	4" 150# FLG
System Drain	1 ½" NPT
Electrical	2" NPT

### Output Specifications

Operating Range	15 – 235 PSIG (1 – 16.2 BARG)
Turndown (NG/#2 Oil)	10:1 / 8:1
Oil Tank Capacity	1,000 GAL (1,890 L)
Steam Quality	99.5%
Efficiency	80% - 83% / 84% - 87%
HHW Design Flow	870 GPM@20°FΔT (3,300 LPM@11°CΔT)

### Dimensions

Overall Length	40' (12.2 M)
Overall Width	08' (2.4 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	50,000 LBS (22,680 KGS)
Operating Weight	59,250 LBS (26,875 KGS)

### Input Specifications

City Water	30 GPM@50 PSIG (114 LPM@3.5 BARG)
Electricity	480 V / 3 PH / 60 Hz @ 90 A
Fuel Input (NG / #2 Oil)	9.9 / 9.7 MMBTU/hr (2.9 / 2.8 MW)
NG Flow	990 – 9,900 CFH (28 – 280 m³/hr)
NG Pressure	2.5-10 PSIG (0.16 – 0.7 BARG)
#2 Oil Flow	9.1 – 73 GPH (34.5 – 276 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included

Last updated on: 17-Dec-24

HPS: High Pressure Steam LPS: Low Pressure Steam HHW: Hydronic Hot Water DHW: Domestic Hot Water

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