

# Portable Boiler Room 250 HP / 8,625 PPH



**RH-250**

## 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

## General Information

<b>Rental Category</b>	Portable Boiler Room
<b>Boiler Size</b>	250 BHP
<b>Max Output Capacity</b>	8,625 PPH (2.4 T/H)
<b>Max Pressure (MAWP)</b>	250 PSIG (17.2 BARG)
<b>Fuel(s)</b>	Natural Gas / #2 Oil / Propane
<b>Service</b>	HPS / HHW
<b>NOx Emission Rating</b>	60 PPM

## Connections

<b>Steam Outlet</b>	6" 300# FLG
<b>Stack Exhaust</b>	16" Ø
<b>HHW Supply</b>	6" 150# FLG
<b>HHW Return</b>	6" 150# FLG
<b>City Water</b>	2" NPT
<b>Condensate Return</b>	2" NPT
<b>Natural Gas</b>	2" NPT
<b>#2 Oil Supply</b>	¾" NPT
<b>#2 Oil Return</b>	¾" NPT
<b>Blowdown Drain</b>	4" 150# FLG
<b>System Drain</b>	1 ½" NPT
<b>Electrical</b>	2" NPT

## Output Specifications

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

## Dimensions

<b>Overall Length</b>	40' (12.2 M)
<b>Overall Width</b>	08' (2.4 M)
<b>Overall Height</b>	13' 06" (4.1 M)
<b>Shipping Weight</b>	47,400 LBS (21,500 KGS)
<b>Operating Weight</b>	56,100 LBS (25,450 KGS)

## Input Specifications

<b>City Water</b>	30 GPM@50 PSIG (114 LPM@3.5 BARG)
<b>Electricity</b>	480 V / 3 PH / 60 Hz @ 90 A
<b>Fuel Input (NG / #2 Oil)</b>	9.9 MMBTU/hr (2.9 MW)
<b>NG Flow</b>	990 – 9,900 CFH (40 – 178 m³/hr)
<b>NG Pressure</b>	3 – 10 PSIG (0.2 – 0.7 BARG)
<b>#2 Oil Flow</b>	8.7 – 69.4 GPH (33 – 263 LPH)
<b>#2 Oil Pressure</b>	Use Onboard Oil Pump
<b>Pilot</b>	Propane Tank Included

Last updated on: 12-Feb-25

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



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