

# Portable Boiler Room 500 HP / 17,250 PPH



## RH-500

### Features:

- Boiler and Burner Package
- Control Systems and Panels
- Fuel Handling Equipment
- Feedwater Tank and Pump
- Water Softener with Chemical Tank and Pump
- Blowdown Separator
- Maintenance Accessibility
- **Low NOx (30 PPM)**

### General Information

Rental Category	Portable Boiler Room
Boiler Size	500 BHP
Max Output Capacity	17,250 PPH (7.8 T/H)
Max Pressure (MAWP)	250 PSIG (17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil / Propane
Service	HPS
NOx Emission Rating	30 PPM

### Connections

Steam Outlet	6" 300# FLG
Stack Exhaust	24" Ø
City Water	2" NPT
Condensate Return	1 ½" NPT
Natural Gas	2 ½" NPT
#2 Oil Supply	¾" NPT
#2 Oil Return	¾" NPT
Blowdown Drain	4" 150# FLG
System Drain	2" NPT
Electrical	2" NPT

### Output Specifications

Operating Range	80 – 235 PSIG (5.5 – 16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Oil Tank Capacity	1,000 GAL (1,890 L)
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 87%

### Dimensions

Overall Length	40' 00" (12.2 M)
Overall Width	8' (2.4 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	58,700 LBS (26,625 KGS)
Operating Weight	70,600 LBS (32,020 KGS)

### Input Specifications

City Water	60 GPM@50 PSIG (227 LPM@3.5 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 100 A
Fuel Input (NG / #2 Oil)	19.9 MMBTU/hr (5.8 MW)
NG Flow	1,990 – 19,900 CFH (56 – 563 m³/hr)
NG Pressure	3.5 – 10 PSIG (0.14 – 0.7 BARG)
#2 Oil Flow	13.5 – 45 GPH (51 – 170 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included
Instrument Air (incl.)	10 CFH@100 PSIG (0.3 m³/hr@6.9 BARG)

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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## Atlas Copco Rental

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