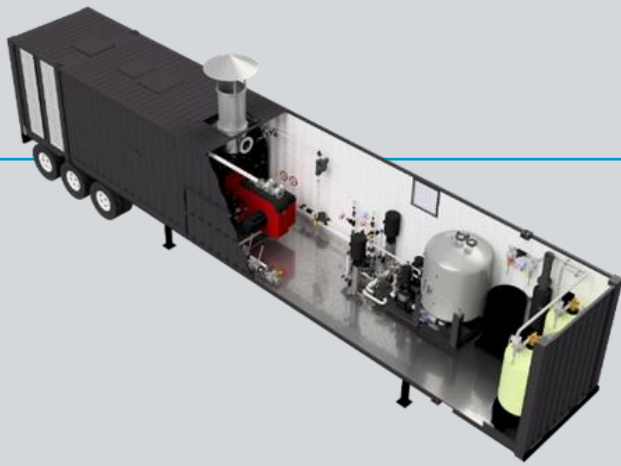


Portable Boiler Room 650 HP / 22,425 PPH



RH-650

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	650 BHP
Max Output Capacity	22,425 PPH (10 T/H)
Max Pressure (MAWP)	250 PSIG (17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil / Propane
Service	HPS / HHW
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	50 – 235 PSIG (3.4 – 16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.5%
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 87%
HHW Design Flow	2,100 GPM@20°FAT (7,950 LPM@11°CAT)

Dimensions

Overall Length	53' (16.2 M)
Overall Width	08' 06" (2.6 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	77,000 LBS (35,000 KGS)
Operating Weight	105,000 LBS (47,600 KGS)

Input Specifications

City Water	70 GPM@50 PSIG (265 LPM@3.5 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 150 A
Fuel Input (NG / #2 Oil)	27.2 MMBTU/hr (8 MW)
NG Flow	5,500 – 27,200 CFH (156 – 770 m³/hr)
NG Pressure	3 – 7 PSIG (0.2 – 0.5 BARG)
#2 Oil Flow	53.5 – 194.3 GPH (202 – 735 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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Subject to change without prior notice. Information is for guidance only. Please contact your nearest Rental office for detailed application advice.