



MAIN 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

GENERAL INFORMATION	
Rental Category	Portable Boiler Room
Boiler Size	500 BHP (4.9 MW)
Max Output Capacity	17,250 PPH (7.82 T/H)
Max Pressure (Steam/Water)	200 / 250 PSIG (13.8 / 17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil / Propane
Service	HPS
NOx Emission Rating	30 PPM

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 (32,023 KGS)

OUTPUT SPECIFICATIONS	
Operating Range (STM/WTR)	80-185 / 80-235 PSIG (5.5-12.75 / 5.5-16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.50%
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 87%

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 (5.83 MW)
NG Flow	1,990 – 19,900 CFH (939 – 9,390 LPM)
NG Pressure	3 - 10 PSIG (0.21 – 0.69 BARG)
#2 Oil Flow	17.8 – 142.1 GPH (67.3 – 537.8 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included
Instrument Air (included)	10 CFH @ 100 PSIG (4.7 LPM @ 6.9 BARG)

CONNECTIONS	
Steam Outlet	6" 300# FLG
Stack Exhaust	24" Ø
City Water	2" NPT
Condensate Return	1.5" NPT
Natural Gas	2.5" NPT
#2 Oil Supply	0.75" NPT
#2 Oil Return	0.75" NPT
Blowdown Drain	4" 150# FLG
System Drain	2" NPT
Electrical	2" NPT

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