



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	800 BHP (7.85 MW)
Max Output Capacity	27,600 PPH (12.52 T/H)
Max Pressure (Steam/Water)	250 PSIG (17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil
Service	Saturated Steam / HHW
NOx Emission Rating	30 PPM

DIMENSIONS	
Overall Length	53' 00" (16.2 M)
Overall Width	08' 06" (2.4 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	82,000 LBS (37,195 KGS)
Operating Weight	112,000 LBS (50,800 KGS)

OUTPUT SPECIFICATIONS	
Operating Range (STM/WTR)	80-235 PSIG (5.51-16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.50%
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 86%
HW Design Flow	2,600 GPM @ 20°F ΔT (9,840 LPM @ 11°C ΔT)

INPUT SPECIFICATIONS	
City Water	85 GPM @ 50 PSIG (322 LPM @ 3.5 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 165 A
Fuel Input (NG / #2 Oil)	33.5 / 32.4 MMBTU/HR (9.8 / 9.5 MW)
NG Flow	3,348 – 33,480 CFH (1,580 – 15,800 LPM)
NG Pressure	4.5 - 10 PSIG (0.31 – 0.69 BARG)
#2 Oil Flow	28.9 – 231.4 GPH (109.4 – 876 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	8" 300# FLG
HHW Supply / Return	12" / 8" (2) 300# FLG
Stack Exhaust	24" Ø
City Water	2" NPT
Condensate Return	1.5" NPT
Natural Gas	3" 150# FLG
#2 Oil Supply	1" NPT
#2 Oil Return	1" NPT
Blowdown Drain	6" 150 FLG
System Drain	2" NPT
Electrical	3" NPT

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