



#### MAIN FEATURES:

- Boiler and Burner Package
- Control Systems and Panels
- Modulating Feedwater Control Valve
- Feedwater Economizer and Associated Piping
- Stack and FGR Piping

GENERAL INFORMATION	
Brand	Powerhouse
Rental Category	Trailer Mounted
Boiler Type	Watertube
Boiler Size	2,391 BHP (23.45 MW)
Max Output Capacity	82,500 PPH (37.4 T/H)
Max Pressure (Steam/Water)	399 PSI (27.51 Bar)
Fuel(s)	NG / #2 Oil
Service	Saturated Steam Hot Water
NOx Emission Rating	30 ppm

DIMENSIONS	
Overall Length	53' 00" (16.15 m)
Overall Width	10' 07" (3.23 m)
Overall Height	14' 04" (4.37 m)
Shipping Weight	105,000 LBS (47,627 kgs)
Operating Weight	122,000 LBS (55,338 kgs)

OUTPUT SPECIFICATIONS	
Operating Range	120 - 385 PSI (8.27 - 26.54 Bar)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.50%
Efficiency (NG / #2 Oil)	80 - 82 / 85 - 86
HW Design Flow	3,200 GPM @ 50°F ΔT (12,113 L @ 27.8°C ΔT)

INPUT SPECIFICATIONS	
Remote Feed Water	175 GPM @ 415 PSIG (662 LPM @ 28.6 BARG)
Electricity	480 / 3 / 60 @150 A
Fuel Input (NG/ #2 Oil)	99.9 / 98.4 MMBTU / HR (29.28 / 28.83 MW)
NG Flow	9,990-99,900 CFH (4,715-47,148 lpm)
NG Pressure	10.0-25.0 PSI (2.5-6.22 kPa)
#2 Oil Flow	89.3-714.4 GPH (338-2,704 LPH)
#2 Oil Pressure	150 PSIG (10.34 Bar)
Pilot	1,200 SCFH @ 10 PSIG - NG
Air Atomization	140 SCFM @ 100 PSIG (3,964 LPM @ 6.9 BARG)
Steam Atomization	750 PPH @ 150 PSIG (0.34 T/H @ 10.3 BARG)

CONNECTIONS	
Steam Outlet	8" 300# FLG
HHW Supply / Return	8" 300# FLG
Stack Exhaust	51.5" x 72"
Remote Feed Water	3" 300# FLG
Natural Gas	4" 150# FLG
Fuel Oil Supply/Return	1.25" / 0.5" NPT
Blowdown Drain	1.5" 300# FLG
System Drain	1.5" 300# FLG
Electrical	PANEL
Steam Atomization	1.25" NPT

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