



Boiler in a Box

1000 HP / 34,500 PPH

BB-1000

Features:

- Boiler and Burner Package
- Control Systems and Panels
- Fuel Handling Equipment
- Modulating Feedwater Control Valve
- Blowdown Separator
- Maintenance Accessibility
- **Low NOx (30 PPM)**

General Information

Rental Category	Boiler in a Box
Boiler Size	1000 BHP
Max Output Capacity	34,500 PPH (15.6 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	10" 300# FLG
Stack Exhaust	32" Ø
City Water	2" NPT
Remote Feed Water	2" NPT
Natural Gas	4" 150# FLG
#2 Oil Supply	¾" NPT
#2 Oil Return	¾" NPT
Blowdown Drain	6" 150# FLG
System Drain	2 ½" NPT
Electrical	3" NPT

Output Specifications

Operating Range	80 – 235 PSIG (5.5 – 16.2 BARG)
Turndown (NG / #2 Oil)	7:1 / 6:1
Steam Quality	99.5%
Efficiency (NG / #2 Oil)	80% - 82% / 84% - 86%

Dimensions

Overall Length	53' 00" (12.2 M)
Overall Width	08' 06" (2.4 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	95,000 LBS (43,100 KGS)
Operating Weight	115,000 LBS (52,200 KGS)

Input Specifications

City Water	20 GPM@50 PSIG (76 LPM@3.5 BARG)
Remote Feed Water	105 GPM@265 PSIG (397 LPM@18.3 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 150 A
Fuel Input (NG/#2 Oil)	41.8 MMBTU/hr (12.25 MW)
NG Flow	6,245 – 41,845 CFH (177 – 1,185 m³/hr)
NG Pressure	4.5 – 10 PSIG (0.3 – 0.7 BARG)
#2 Oil Flow	49.8 – 299 GPH (188 – 1,131 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included
Instrument Air (incl.)	15 CFH@100 PSIG (0.4 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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Please contact your nearest Rental office for detailed application advice.