



# Boiler in a Box

## 800 HP / 27,600 PPH

**BB-800**

### 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	800 BHP
Max Output Capacity	27,600 PPH (12.5 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	8" 300# FLG
Stack Exhaust	24" Ø
City Water	2" NPT
Remote Feed Water	2" 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	2" NPT

### Output Specifications

Operating Range	80 – 235 PSIG (5.5 – 16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.5%
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 86%

### Dimensions

Overall Length	40' 00" (12.2 M)
Overall Width	8' (2.4 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	70,800 LBS (32,100 KGS)
Operating Weight	86,800 LBS (39,360 KGS)

### Input Specifications

City Water	15 GPM@50 PSIG (68 LPM@3.5 BARG)
Remote Feed Water	85 GPM@265 PSIG (321 LPM@18.3 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 100 A
Fuel Input (NG / #2 Oil)	33.5/32.4 MMBTU/hr (9.8/9.5 MW)
NG Flow	3,348 – 33,480 CFH (95 – 950 m³/hr)
NG Pressure	4.5 – 10 PSIG (0.3 – 0.7 BARG)
#2 Oil Flow	17.8 – 142 GPH (67.3 – 534 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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Rental  
Making Agility Count

### Atlas Copco Rental

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