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200,000 lb/hr Low NOx
1,000 psig Design Pressure
885 psig @ 750F Superheat
Model FM120-124 LH

Reconditioned 1996, skid-mounted Babcock & Wilcox package watertube boiler is set to burn natural gas or #2 oil. It includes the following components:

- Coen DAF Low NOx Burner
- Economizer w/ Structural Steel
- Honeywell RM7800 Burner Management Panel **(NEW)**
- Fully Metered Combustion Controls **(NEW)**
- Forced Draft Fan and 500 HP Motor
- Complete Fuel Trains & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- 3 Element Feedwater Controls **(NEW)**
- Fisher Feedwater Control Valve w/ 3 Valve Bypass
- Flues & Ducts
- Stack (40')
- Ultra Low NOx CataStak™ SCR System **(OPTIONAL)**
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals & Drawings
- Guarantee & Warranty Included



Unit B699
3/12/14



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Fuel Consumption:

Natural Gas: 286,000 SCFH @ 20 psi reg.
 #2 Oil: 1974 GPH

Connection Sizes:

Main Steam: 10"-600# FLG
 Natural Gas: 6"-150# FLG
 #2 Oil Supply / Return: 1½" NPT / 1½" NPT
 Feedwater: 4"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed: ½" NPT
 Atomizing Air: 1" NPT 1200 pph @ 80 psig
 Atomizing Steam: 1" NPT 1200 pph @ 656 psig
 Instrument Air: ½" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

2300 VAC, 3 ph, 60 hz, 500 HP

Boiler Dimensions & Weights:

Length / Width / Height: 46' 6" / 12' 6" / 17' 4"
 Shipping Weight: 218,000 lbs
 Operating Weight: 276,000 lbs

Ask About Our **Green Solutions**



42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com
True Nationwide Coverage & Beyond. Representatives Located Worldwide.

* Actual Equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.