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250 hp, 125 psig Design Hydronic Heating Skid-Mounted Boiler

Nationwide Boiler's 250 hp (8.4 mmbtu output) skid-mounted Cleaver-Brooks model CBLE 700-250-125 hydronic heating firetube boiler is designed at 125 psig pressure, firing natural gas. It was built in 2010, is fully piped and wired and includes the following components:

- 250 HP Cleaver Brooks 4-pass Dryback Firetube Boiler
- FD Fan with 10 HP Motor & Fused Starter
- Low NOx Natural Gas Firing
- CB7800 Burner Management System with Expanded Annunciator
- Honeywell UDC2500 Controller
- Servo Motor Parallel Positioning Combustion Control
- NEMA 12 Panel
- 480v - 115v Control Voltage Transformer
- Dual Low Water Cut Offs
- Pressure/Temperature Gauges
- Safety Relief Valves
- Drain Valves
- Meets FM/IRI Insurance, CSD-1 and California Code Requirements
- Bell & Gossett Size 1510 Circulating Pump, Base Mounted Connected to a 10 HP TEFC, 1800 rpm Motor - Shipped Loose (800 gpm @ 30 TDH)
- O&M Manuals with Drawings



Fuel Consumption:

Natural Gas: 10,460 SCFH @ 3-10 psig

Connection Sizes:

Hot Water Supply: 8"-150# FLG

Hot Water Return: 8"-125# FLG

Natural Gas: 2" NPT

Drain: 2" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 50 AMPS

Dimensions & Weights:

Length / Width / Height: 15' 11" / 7' 11" / 9' 7"

Shipping Weight: 21,700 lbs

Operating Weight: 35,580 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 30 ppm

CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**



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