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300 HP, 150 psig Ultra Low NOx Package Firetube Boiler

Nationwide Boiler's ultra low NOx, 300 hp (10,350 lbs/hr) Cleaver-Brooks Model # CBI-700-300-150 firetube boiler, designed at 150 psig pressure, originally built in 2007. It is fully piped and wired and includes the following components:

- 300 hp Cleaver-Brooks Package Firetube Boiler
- Ultra Low NOx Burner
- Gas Pressure Regulator
- New Eagle Control Panel with Fireye BMS, Allen-Bradley PLC-based Controls, and a NEMA 4 Enclosure
- Valve Trim (including NEW Kunkle Safeties)
- Steam Pressure Gauge
- Low Water Cutoffs (primary & auxiliary)
- Water Column & Site Glass
- Modulating Feedwater Control Valve
- High/Low Water & Flame Failure Alarms
- Meets UL / CSD-1 / NFPA 85
- Electronic Operating Manual



Fuel Consumption:

Natural Gas: 12,553 SCFH @ 10 psig

Connection Sizes:

Main Steam: 6"-150# FLG
 Natural Gas: 3"-150# FLG
 Feedwater: 2" NPT
 Blowdown: 1½" - 150# FLG
 Water Column: ¾" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 100 AMPS

Dimensions & Weights:

Length: 18' 4"
 Width: 8' 11"
 Height: 9' 7"
 Shipping Weight: 25,200 lbs (approx.)
 Operating Weight: 40,500 lbs (approx.)

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 9 ppm
 CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**

CataStakTM
 Ultra Low NOx Solutions

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 Energy Saving 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.