



Unit No. B-799 - 100 Hp, 150 PSIG D.P., #2 Oil and Natural Gas



(STOCK PHOTO)

Cleaver Brooks Packaged Firetube Boiler; model CB200-100, constructed in 2008 in accordance with the ASME Code; Section I, for a design pressure of 150 PSIG and National Board Certified. Unit is a four-pass dryback design with 500 square feet of fireside heating surface. The shell is insulated with two inches of compressed fiberglass and covered with a heavy gauge sheet steel casing. The fully modulating forced draft burner is integrally mounted, piped and wired on the boiler front allowing for ease of flame observation, set-up and maintenance. Valve trim, controls and auxiliary equipment include;

- **Water Column** with sight glass, gauge cocks, tricocks and blowdown valves
- **Primary Low Water Cut-off** and feed pump control; *CB LevelMaster*
- **Secondary Low Water cut-off**; Warrick probe type
- **Boiler Valve Trim** including; feedwater stop and check valving, blowdown and blow-off valves, vent valve and safety relief valves per ASME code
- **Front and rear hinged covers**
- **Pressure Gauge** and stack thermometer
- **Fuel Pump and Motor Drive** with relief valve and suction strainer, shipped loose
- **Boiler/Burner Control Center** consisting of a *Fireeye E-110* primary flame control and detector, motor starters, relays, limit switches, alarm bell, indicating lights, control circuit transformer and manual potentiometer for manual firing rate adjustment
- **Steam Pressure Limit Switches**; operating limit, safety limit with manual reset, low fire hold control and modulating steam pressure controller
- **Atomizing air compressor** and motor drive with inlet air filter and lube oil cooler, mounted and wired
- **FM Insurance & GE Cap Global** approvals,
- **CSD-1 Safety Code** standards and U.L. Labeling

Connections:

Steam	- 6" X 300#	Natural Gas	- 2.0" NPT	Blowdown	- 1.25" NPT	Electric	- 460V/3/60
Feedwater	- 1.25" NPT	#2 Oil, S & R	- 0.75" NPT	Blow-off	- 1.0" NPT	Exhaust	- 12" Dia.

Dimensions: 15' 07" Long x 5' 06" Wide x 6' 00" High. **Shipping Weight** - 9,500 Lbs, **Operating Weight** - 14,600 Lbs.

This unit is new, never used and is offered with a full factory warranty, subject to prior sale or rental.