



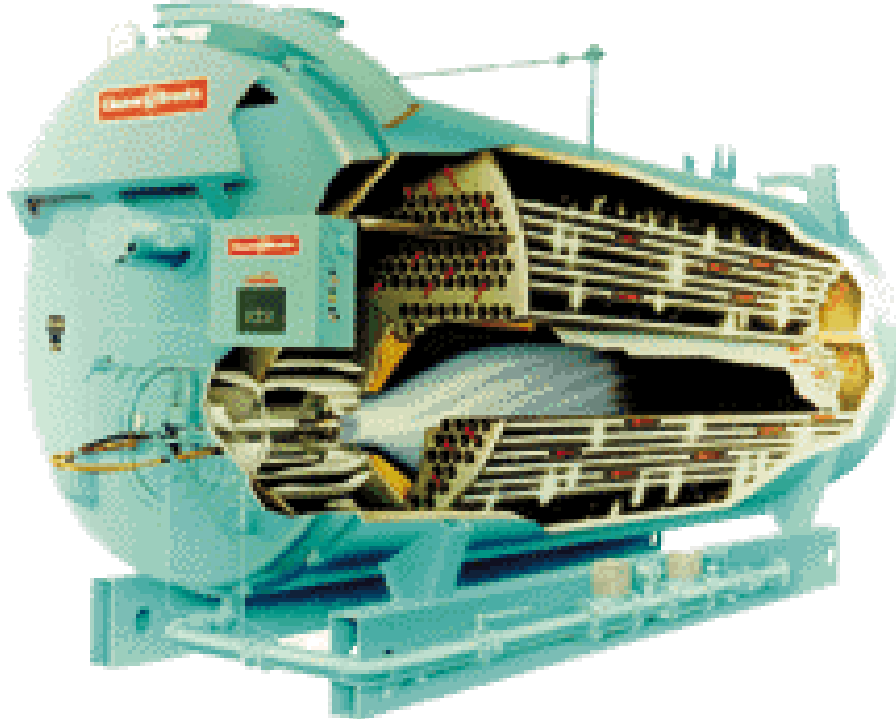
## MAIN

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## SOUTHEAST

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## Unit No. B-871: 125 Hp, 150 PSIG D.P., #2 Oil & Nat Gas



STOCK PHOTO

**Cleaver Brooks Packaged Firetube Boiler; model CB200-125**, constructed in 2003 in accordance with the ASME Code; Section I, for a design pressure of 150 PSIG. Unit is a four-pass dry-back design with 625 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. Valving trim, controls and ancillary equipment include:

- **Primary low water cut-off** and feed pump control; *McD & M No. 157A* with automatic reset
- **Auxiliary low water cut-off** with manual reset; *Warrick #C-2* probe type
- **Boiler valve trim** including; feedwater stop and check valves, blowdown valves, blow-off valve, vent valve and safety valves per ASME code.
- **Water column** with sight glass, gauge cocks and blowdown valves, *mounted on the primary low water cut-off.*
- **Front and rear hinged covers**
- **Pressure gauge** with isolation valve and stack thermometer
- **Atomizing air compressor**, belt driven from the blower motor with inlet air filter and lube oil cooler.
- **Boiler/Burner control center** consisting of a *CB780* primary flame control and infrared detector with auto-check, motor starters, relays, limit switches, alarm bell, indicating lights, control circuit transformer and potentiometer with selector switch for manual and automatic firing rate adjustment
- **Steam pressure limit switches**; operating limit, safety limit switch with manual reset, minimum temperature-low fire hold switch and modulating steam pressure controller
- **Fuel oil pump set** with motor starter, relief valve and suction strainer, *shipped loose.*
- **FM and GE-GAP Insurance** approvals
- **CSD-1 Safety Standards** and U.L. Label
- **National Board Certified**

### Connections:

Steam Outlet	- 4.0" X 300#	Blowdown	- 1.5" NPT	#2 Oil, S & R	- 0.75" NPT	Exhaust	- 16" Dia.
Feedwater	- 1.5" NPT	Blow-off	- 0.75" NPT	Natural Gas	- 2.0" NPT	Electric	- 460/3/60

**Dimensions:** 14' 07" L x 7' 01" W x 7' 04" H. **Weights; Shipping** – 13,000 Lbs, **Operating** – 19,000 Lbs

**This unit is offered fully reconditioned and shop tested with a one-year limited parts warranty, subject to prior sale or rental.**