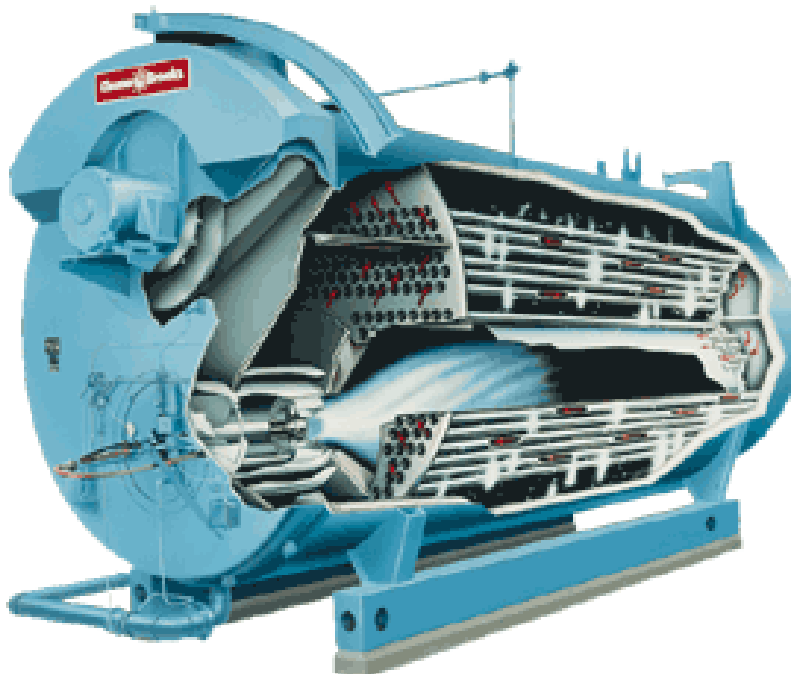


Unit No. B-831: 150 Hp, 150 PSIG D.P., #2 Oil and Natural Gas



Cleaver Brooks Packaged Firetube Boiler; model CBLE-200-150, constructed in 2009 in accordance with the ASME Code; Section I, for a design pressure of 150 PSIG. The unit is a four-pass dryback design with 750 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; CB Level-Master
- **Auxiliary low water cut-off** with manual reset; Warrick C-2 probe type
- **Induced FGR for 60 PPM NOx emissions**
- **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, tri-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**, with motor drive, inlet air filter, lube oil cooler and pre-wired starter
- **Boiler/Burner control center** consisting of the E110 primary flame control and infrared detector with auto-check, motor starters, relays, limit switches, alarm bell, indicating lights, control circuit transformer, elapsed time running meter 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 starter, relief valve and suction strainer, shipped loose
- **CSD-1 Safety Code & FM Insurance** approvals
- **Canadian Registration Number for Ontario**
- **National Board Certified**

Connections:

Steam Outlet	- 6" X 300#	Blowdown	- 1.5" NPT	#2 Oil, S & R	- 0.75" NPT	Exhaust	- 16" Dia.
Feedwater	- 2.0" NPT	Blow-off	- 0.75" NPT	Natural Gas	- 2.5" NPT	Electric	- 230-460/3/60

Dimensions: 16' 06" L x 6' 06" W x 7' 02" H. **Weights; Shipping** – 13,500 Lbs, **Operating** – 21,000 Lbs

THIS UNIT IS OFFERED FULLY RECONDITIONED AND SHOP TESTED WITH A ONE-YEAR PARTS WARRANTY.