

Unit No. B-673; 60 Hp, 150 PSIG D.P., #2 Oil and Natural Gas



Cleaver Brooks firetube boiler, model CBE200-60, was originally constructed in 2005 in accordance with the ASME Code; Section I, for a design pressure of 150 PSIG. The unit is a three-pass dryback design with 300 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 boiler is equipped with a CB/IC model FP-200-1 fully modulating forced draft burner, integrally mounted, piped and wired on the boiler front allowing for ease of adjustment, flame observation, service and maintenance. Factory mounted ancillary equipment, valving trim and controls include, but are not limited to;

- **Primary low water cut-off;** McD & M No. 157 with automatic reset
- **Secondary low water cut-off;** Warrick C2 probe type with manual reset
- **Boiler valve trim** including; feedwater stop and check valving, blowdown and surface blow-off valves, vent valve and safety valve per ASME code.
- **Water column** with sight glass, gauge cocks and blowdown valves, mounted on the primary low water cut-off
- **Gas tight smoke-box assembly** with hinged front and rear covers
- **Boiler/Burner control center** consisting of a CB110 primary flame control and detector, motor starters, relays, limit switches, alarm bell, indicating lights, control circuit transformer, and manual potentiometer
- **Pressure gauge** with isolation valve and stack exhaust thermometer
- **Steam pressure limit switches;** operating limit, safety limit with manual reset and modulating pressure control
- **Fuel pump with inlet strainer** and relief valve, blower motor driven
- **Main gas train** consisting of (2) manual shut-off valves, (2) automatic safety shut-off valves, gas vent valve, gas pressure regulator, high and low gas pressure switches and volume control valve.
- **Fuel valving and controls** meeting FM Insurance standards
- **CSD-1 safety code requirements,** U.L. Labeling
- National Board certified

Connections:

Steam	; 4" X 300#	#2 Oil, S & R; 0.5" NPT	Blowdown ; 1.25" NPT	Electric ; 230-460/3/60
Feedwater	; 1.25" NPT	Natural Gas ; 2.0" NPT	Blow-off ; 1.0" NPT	Stack ; 10.0" O.D.

Dimensions: 13' 07" L x 6' 01" W x 6' 01" H. **Shipping Weight** – 7,000 Lbs, **Operating Weight** – 11,000 Lbs.

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