

## Cleaver Brooks CB Packaged Steam Boiler-175 HP

Mfg: Cleaver Brooks

Model: CB-400-175S

Stock No. pDFAO004.

Serial No. L-61660

Cleaver Brooks CB Packaged Steam Boiler-175 HP. Model: CB-400-175S, S/N: L-61660. MAWP: 150 psi. Input: 7323000 Btu/hr. Natural gas burner with standard 4:1 turndown. A firetube boiler is a cylindrical vessel, with the flame in the furnace and the combustion gases inside the tubes. The furnace and tubes are within a larger vessel containing the water which is converted to steam or hot water for process applications or hydronic comfort heating. Hot water is commonly used in heating applications with the boiler supplying water to the system at 180 °F to 220 °F. The operating pressure for hot water heating systems usually is 30 psig to 125 psig. Electrical requirements: 230 V, 43 amps, 60 Hz, 3 phase. Electrical control requirements: 120 V, 7 amps, 60 Hz, 3 phase. Boiler is equipped with a 48 in. L x 5 in. dia. condenser tube. Entry into boiler is accessible through a 15 in. L x 11-1/2 in. W oval manway. Inlets: (1) 2-1/2 in. dia. pipe, (1) 3 in. dia. pipe for natural gas, (1) 4 in. dia. pipe, (1) 16 in. dia. with an 18-1/2 in. dia. flange and (12) 1/2 in. dia. attachment holes at a center-to-center distance of 18 in. Outlets: (1) 3/4 in. dia. pipe for condensate water, (1) 2 in. dia. pipe for blowdown water. Overall dimensions: 18 ft. L x 6 ft. W x 8 ft. H.

(2) ASCO Hydramotor Gas Valves, 120 V, 1.85 amps (running), 1 amp (holding), 60 Hz, opening time: 6-14 sec, max. closing time: 1 sec.







