

Cleaver Brooks CB Packaged Steam Boiler- 175 HP

Mfg: Cleaver Brooks

Model: CB-400-175S

Stock No: pDFAO003

Serial No: L-61661

Cleaver Brooks CB Packaged Steam Boiler. Model: CB-400-175S, S/N: L-61661. Rated HP: 175. MAWP: 150 psi. Input: 7323000 Btu/hr. Natural gas burners with standard 4:1 turndown. A fire tube 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. Condenser tube: 48 in. L x 5 in. dia. Oval manway: 15 in. L x 11-1/2 in. W. 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 center-to-center distance 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. Sorgel single phase insulated transformer, 5 KVA, high voltage: 240/480, low voltage: 120/240. Spirax Sarco boiler water sampler, model: SC20, coil side MAWP: 100 bar g, body side MAWP: 10 bar g, coil side MDMT: 350 °C, body side MDMT: 100 °C, nominal volume coil side: 0.1 L, nominal volume body side: 1.4 L. Overall dimensions: 18 ft. L x 6 ft. W x 8 ft. H.









