

Cleaver-Brooks Company

498 E. Keefe Ave., Milwaukee 12, Wisconsin

Cleaver-Brooks
Progress
Packaged Boiler

Cleaver-Brooks PROGRESS BOILER—For commercial steam and hot water applications: apartment buildings, hotels, hospitals, stores, commercial and public buildings.

- Five sizes—up to 1,340,000 Btu output. Steam or hot water, gas or oil fired. (Additional models P-50 and P-60, with ratings up to 2,000,000 Btu available in mid 1957)

- A complete boiler package—From one company, one source. Factory-assembled, tested and shipped as a fully self-contained unit—ready for installation, and requiring only service connections.

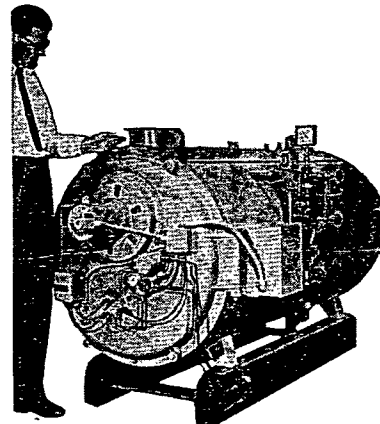
- A quality product—One of the first boilers of its class built to quality standards of costly industrial boilers. Complete boiler unit is approved and bears the *Underwriters Laboratories* label.

- Field starting service—final check and adjustment by authorized service representative after installation, plus operator training—at no extra cost.

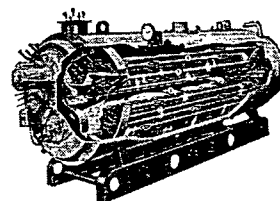
- Four-pass, forced-draft design is an efficient combination to transmit a greater percentage of heat to boiler water.

- Quiet-running blower supplies combustion air—eliminates need for expensive chimney.

- Electronic combustion-safety control assures safe shut-down. Electric ignition assures smooth, noiseless light-off of main flame. Silent—



Note the integrated construction with all controls centralized for most efficient operation and easy accessibility.



MODELS				GROSS RATINGS Btu	(OIL and GAS) EDR Steam	
OIL (Steam)	(Hot Water)	GAS (Steam)	(Hot Water)		(OIL and GAS) EDR Water (150 Btu)	
P-100-15S	-15W	P-700-15S	-15W	500,000	2085	3350
P-100-20S	-20W	P-700-20S	-20W	670,000	2790	4460
P-100-25S	-25W	P-700-25S	-25W	835,000	3480	5570
P-100-30S	-30W	P-700-30S	-30W	1,000,000	4170	6700
P-100-40S	-40W	P-700-40S	-40W	1,340,000	5590	8990

Sold through selected wholesalers only. For complete details, write direct for Bulletin AD-157.

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Cleaver-Brooks BOILERS—Steam or Hot Water, for Heating and Processing 15 to 600 hp, 15 to 250 psi. Oil, Gas, and Combination Oil & Gas Fired Models

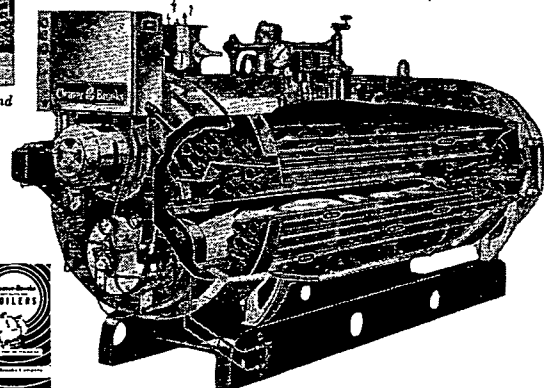
COMPLETE SELF-CONTAINED STANDARD SIZES									
HP	15	20	30	40	50	60	70	80	100
Approx. Rated Capacity—lbs Steam Per Hour 212 F.	520	690	1035	1380	1725	2070	2415	2760	3450
Approx. Rated Capacity—lbs Steam Per Hour 212 F.	HP 125	150	200	250	300	350	400	500	600
	4310	5180	6900	8600	10500	12110	13800	17250	20700

CLEAVER-BROOKS BOILERS OPERATE AT A GUARANTEED MINIMUM 80 PERCENT EFFICIENCY

Cleaver-Brooks boilers are guaranteed to operate at fuel-to-steam efficiency of not less than 80 percent, at ratings from 30 to 100 percent and at the designated working pressure. Economical operation is assured by establishing an efficient flame, and utilizing forced draft to send the hot gases through four successive passes, thus absorbing maximum usable heat before combustion gases leave the boiler. Boilers are fully automatic in operation... meet ASME code requirements. Factory finished and tested under load conditions.



Available with "10-Second" Oil and Gas Fuel Interchange Feature



80 PERCENT EFFICIENCY RATINGS are established at the factory and can be maintained with relative ease after installation.

Write for complete Specifications, dimensions data, firing rates, etc. Catalog AD-157 sent on request.



CLEAVER-BROOKS HELPS YOU SELECT THE EXACT STEAM BOILER YOU WANT TO MEET YOUR SPECIFIC NEEDS

JOB RATED—Each Cleaver-Brooks steam boiler is job rated to meet the steam requirements of your plant. A competent sales engineer helps analyze your load demands and takes into account these conditions:

- Pop valve settings • Percent of total feed water returned as condensate • Temperature of condensate • Pressure of make-up water • Type of fuel available • Electric current characteristics • Space and machinery arrangement. Suggested boiler room layouts • Plant altitude above sea level • Maximum steam requirements in pounds per hour or boiler horsepower • Whether your steam load is constant or fluctuating, and the degree of fluctuation • The heating load requirements • Standby requirements • Steam pressure required at point of use • Future growth or expansion of plant facilities •

Look for the "CLEAVER-BROOKS" listing in the Boiler Section of your classified Telephone Directory for name of nearest distributor.