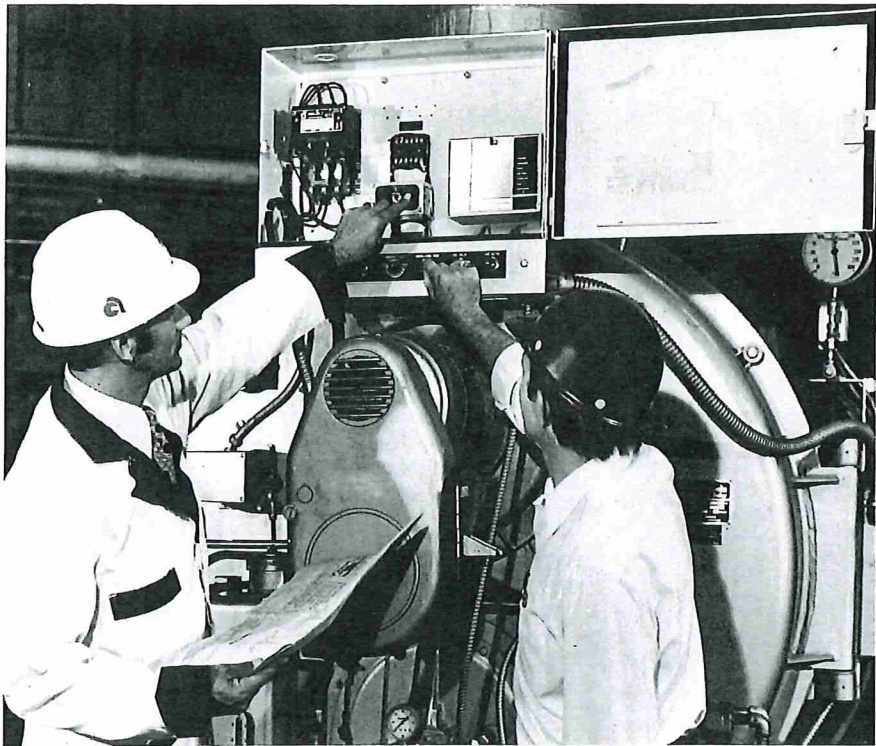




STARTING SERVICE

How Cleaver-Brooks safeguards your investment

Complete starting service that assures you of trouble-free performance in the field is included with the purchase of every boiler. A factory-trained specialist starts up the unit, re-adjusts controls to suit the particular fuel you are using, checks over details of operation, takes CO₂ readings under your load and trains your operator in care and maintenance. He covers 32 items on his check list and personally makes sure the boilers are adjusted for peak efficiency.

This service, full evidence of Cleaver-Brooks complete follow up responsibility, is available to every owner of CB boilers anywhere in the United States and Canada.

Cleaver-Brooks offers the industry's finest parts facilities and factory starting service coast to coast and in Canada

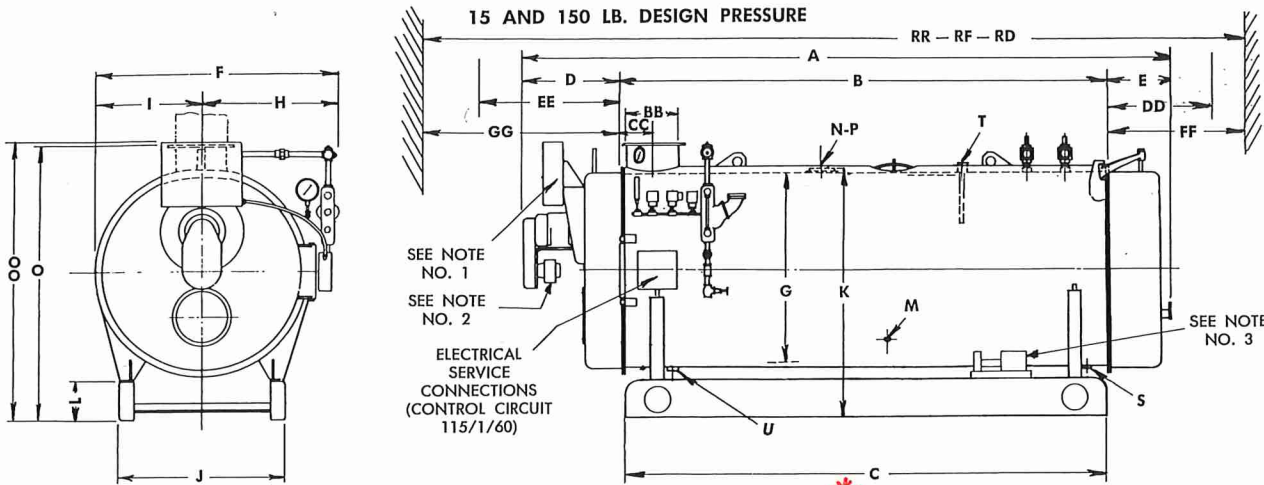
CB DIMENSIONS and RATINGS

Dimensions and Ratings on CB 15 thru 40 HP Upon Request

NOTE: Dimensions must be confirmed for construction.

	Horsepower
LENGTHS	Overall
	Shell
	Base Frame
	Front Head Extension
	Rear Head Extension
WIDTHS	Overall
	I.D. Boiler
	Center to Water Column
	Center to Lagging
	Base, Outside
HEIGHTS	Overall
	Base to Vent Outlet
	Base to Steam Outlet
	Height of Base
BOILER CONNECTIONS	Feedwater, Right and Left
	Low Pressure (15 lb only)
	Steam Nozzle
	Drain, Front and Rear
	High Pressure (150 lb only)
VENT STACK	Surface Blowoff, Top
	Steam Nozzle
	Blowdown, Front and Rear
	Diameter (lfgd. connection)
	Front Ring Flange to Vent
MIN. CLEARANCES	Rear Door Swing
	Front Door Swing
	Tube Removal, Rear
	Tube Removal, Front
MINIMUM BOILER ROOM LENGTH ALLOWING FOR DOOR SWING AND TUBE REMOVAL FROM:	Rear of Boiler
	Front of Boiler
	Thru Window or Doorway
RATINGS	Rated Capacity in lbs steam/hr (212 F)
	BTU Output (1000 BTU/hr)
	EDR steam gross, sq. ft.
	Light Oil GPH
APPROXIMATE FUEL CONSUMPTION	Heavy Oil GPH
	Gas CFH
	500 BTU-mfg.
	800 BTU-mixed
POWER REQUIREMENTS	1000 BTU-natural
	Gas (therms per hr)
	Blower Motor, HP
	All Models Except Gas
OIL PUMP MOTOR, HP	Gas Models Only
	No. 2 Oil
	No. 4 Oil
	No. 5 & No. 6 Oil
OIL HEATER, KW	No. 4 Oil
	No. 5 & No. 6 Oil
	Air Compressor
	Motor HP (Oil Firing Only)

† No. 6 Oil
† No. 5 Oil
** 10KW on Hot Water
* 10KW on Low Pressure Steam & Hot Water
Note 1: Control panel relocated on boilers 250 hp and up.
Note 2: Air compressor belt driven from blower motor on sizes 125 through 350 HP.
Note 3: Air compressor module on sizes 50 through 100 HP and 400 through 700 HP.
(Units Manufactured in Canada, 50 through 100 HP size, use a belt driven air compressor. Refer to Form C9-3314 for power requirements)



	Dim.	50	60	70	80	100	125	150	200	250	300	350	400	500	600	700
	A	10'-11"	10'-11"	14'- 3"	14'- 3"	15'-10"	14'- 7"	16'- 7"	19'- 7"	16'- 9"	19'- 2"	21'-10"	16'-11"	19'-11"	23'- 2"	25'-11"
	B	7'- 8"	7'- 8"	10'-11"	10'-11"	12'- 6"	10'- 5"	12'- 5"	15'- 0"	12'- 0"	14'- 3"	16'- 9"	12'- 8"	15'- 6"	18'- 6"	21'- 3"
	C	7'- 7"	7'- 7"	10'-10"	10'-10"	12'- 4"	10'- 4"	12'- 4"	14'-11"	11'-11"	14'- 2"	16'- 8"	12'- 7"	15'- 5"	18'- 5"	21'- 2"
	D	21"	21"	22"	22"	22"	31"	31"	36"	34"	36"	38"	24"	25"	29"	29"
	E	18"	18"	18"	18"	18"	19"	19"	19"	23"	23"	23"	27"	27"	27"	27"
	F	63"	63"	63"	63"	63"	76"	76"	76"	98"	98"	98"	116"	116"	116"	116"
	G	48"	48"	48"	48"	48"	60"	60"	60"	78"	78"	78"	96"	96"	96"	96"
	H	36"	36"	36"	36"	36"	43"	43"	43"	56"	56"	56"	65"	65"	65"	65"
	I	27"	27"	27"	27"	27"	33"	33"	33"	42"	42"	42"	51"	51"	51"	51"
	J	38"	38"	38"	38"	38"	52½"	52½"	52½"	64-3/8"	64-3/8"	64-3/8"	72"	72"	72"	72"
	OO	6'- 5"	6'- 5"	6'- 5"	6'- 5"	6'- 5"	7'- 2"	7'- 2"	7'- 2"	8'-10"	8'-10"	8'-10"	10'- 8"	10'- 8"	10'- 8"	10'- 8"
	O	5'-10"	5'-10"	5'-10"	5'-10"	5'-10"	7'- 1"	7'- 1"	7'- 1"	8'-10"	8'-10"	8'-10"	10'- 8"	10'- 8"	10'- 8"	10'- 8"
	K	5'- 6"	5'- 6"	5'- 6"	5'- 6"	5'- 6"	6'- 5"	6'- 5"	6'- 5"	8'- 0"	8'- 0"	8'- 0"	9'-10"	9'-10"	9'-10"	9'-10"
	L	12"	12"	12"	12"	12"	12"	12"	12"	11"	11"	11"	18"	18"	18"	18"
	M	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	2"	2"	2"	2½"	2½"	2½"	2½"	2½"
	N	6" Fl. †	6" Fl. †	6" Fl. †	6" Fl. †	8" Fl. †	8" Fl. †	8" Fl. †	10" Fl. †	10" Fl. †	12" Fl. †	12" Fl. †	12" Fl. †	12" Fl. †	12" Fl. †	12" Fl. †
	S	1¼"	1¼"	1½"	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"	2"	2"
	T	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
	P	3"	3"	3"	3"	4" Fl. §	4" Fl. §	4" Fl. §	4" Fl. §	6" Fl. §	6" Fl. §	6" Fl. §	6" Fl. §	8" Fl. §	8" Fl. §	8" Fl. §
	U	1¼"	1¼"	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"
	BB	10"	10"	12"	12"	12"	16"	16"	16"	20"	20"	20"	24"	24"	24"	24"
	CC	6"	6"	7"	7"	7"	9"	9"	9"	11"	11"	11"	13"	13"	13"	13"
	DD	4'- 7"	4'- 7"	4'- 7"	4'- 7"	4'- 7"	2'- 8"	2'- 8"	2'- 8"	3'- 7"	3'- 7"	3'- 7"	4'- 5"	4'- 5"	4'- 5"	4'- 5"
	EE	4'- 7"	4'- 7"	4'- 7"	4'- 7"	4'- 7"	5'- 7"	5'- 7"	5'- 7"	7'- 5"	7'- 5"	7'- 5"	9'- 0"	9'- 0"	9'- 0"	9'- 0"
	FF	7'- 0"	7'- 0"	10'- 3"	10'- 3"	11'-10"	9'- 7"	9'- 7"	11'- 7"	14'- 2"	13'- 1"	15'- 7"	11'- 3"	14'- 1"	17'- 1"	19'-10"
	GG	6'- 2"	6'- 2"	9'- 5"	9'- 5"	11'- 0"	8'- 7"	8'- 7"	13'- 2"	9'- 8"	11'-10"	14'- 4"	9'- 9"	12'- 7"	15'- 7"	18'- 4"
	RR	19'- 3"	19'- 3"	25'- 9"	25'- 9"	28'-11"	25'- 7"	29'- 7"	34'- 9"	30'- 4"	34'- 9"	39'- 9"	32'-11"	38'- 7"	44'- 7"	50'- 1"
	RF	18'- 5"	18'- 5"	24'-11"	24'-11"	28'- 1"	21'- 8"	25'- 8"	30'-10"	25'- 3"	29'- 8"	34'- 8"	26'-10"	32'- 6"	38'- 6"	44'- 0"
	RD	16'-10"	16'-10"	20'- 1"	20'- 1"	21'- 8"	18'- 8"	20'- 8"	23'- 3"	22'-11"	25'- 2"	27'- 8"	26'- 1"	28'-11"	31'-11"	34'- 8"
		1,725	2,070	2,415	2,760	3,450	4,313	5,175	6,900	8,625	10,350	12,075	13,800	17,250	20,700	24,150
		1,674	2,009	2,343	2,678	3,348	4,184	5,021	6,695	8,369	10,043	11,716	13,390	16,738	20,085	23,432
		6,970	8,370	9,760	11,160	13,950	17,450	20,920	27,900	34,900	41,850	48,820	55,800	69,750	83,700	97,640
		15.0	18.0	21.0	24.0	30.0	37.5	45.0	60.0	74.5	89.5	104.5	119.5	149.5	179.5	209.0
		14.0	16.5	19.5	22.5	28.0	35.0	42.0	56.0	69.5	83.5	97.5	111.5	139.5	167.5	195.5
		4,190	5,020	5,860	6,700	8,370	10,460	12,560	16,740	20,920	25,110	29,300	33,500	41,850	50,200	58,600
		2,615	3,140	3,665	4,190	5,235	6,540	7,850	10,460	13,080	15,695	18,315	20,940	26,155	31,375	36,610
		2,095	2,510	2,930	3,350	4,185	5,230	6,280	8,370	10,460	12,555	14,650	16,750	20,925	25,100	29,300
		21.0	25.1	29.3	33.5	41.9	52.3	62.8	83.7	104.6	125.5	146.5	167.5	209.3	251.0	293.0
		2	2	2	2	3	5	7½	10	7½	10	15	10	15	20	30
							5	5	10	7½	7½	15		15		
		⅓	⅓	⅓	⅓	⅓	½	½	½	½	¾	¾	¾	¾	¾	1
		½	½	½	½	½	½	½	½	½	½	¾	¾	¾	¾	¾
		⅓	⅓	⅓	⅓	⅓	½	½	½	½	½	¾	¾	¾	¾	¾
		3	3	3	3	3	3	3	3	—	—	—	—	—	—	—
		5	5	5	5	5	5	5	5	15	7.5	7.5	7.5	7.5	7.5	7.5
		2	2	2	2	2	Air Compressor Belt-Driven From Blower Motor						5	5	7.5	7.5

• 1/3 HP in Canada

Note: 800 HP Boiler Dimensions and Ratings Available on Request.

114468
Boiler