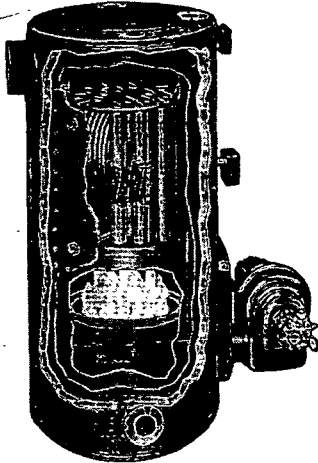




Aldrich Company

121 E. Williams St., Wyomington, Illinois

Boiler-Burner Units, Domestic and Commercial Oil Burners



Aldrich Boiler-Burner Units—available in 7 sizes for Hot Water Heating, Steam Heating, and Hot Water Supply—designed for home, apartment, garage, club, restaurant, hotel, and factory installations. Gages, covers, and trim furnished to suit model and unit type ordered. Heavy-duty, double-spiral hot water coils factory-installed and tested in SC and WC models. Matched Aldrich Oil Burner with each unit. Standard equipment includes full set of basic automatic controls. Series BG Boilers are gas-fired with A.G.A.-approved burners for first five sizes. Oil and gas burners are readily interchangeable.

Welded steel fire box lined with cast refractory having high resistance to deterioration. Large burner - mounting plate provides access to fire box for replacement of combustion chamber. Extra thick wool insulation blanket provides high insulating value and minimizes heat loss through radiation. Universal tappings on all models except "Bantam."

BOILER-BURNER UNITS Sizes—Specifications—Dimensions

Size of Boiler	Bantam	118	160	225	315	514	808
Rating Sq. Ft. Hot Water EDR	660	750	1000	1500	2100	3300	5000
Rating Sq. Ft. Hot Water Standing Radiation	440	500	650	1000	1400	2200	3333
Rating Sq. Ft. Steam EDR	425	500	630	935	1275	2025	3000
Rating Sq. Ft. Steam Standing Radiation	285	333	420	620	850	1350	2000
Rating BTU Per Hr. (Max.)	100,000	118,000	160,000	225,000	315,000	514,000	808,000
Water Heater Delivery GPH @ 100° Rise	93	125	190	280	450	610	850
Storage Capacity Gallons	20	28	38.5	72	99	120	170
Firing Rate—GPH Maximum	1.00	1.25	1.65	2.75	3.65	5.7	9.00
Firing Rate—GPH Minimum	.65	.75	1.25	1.75	2.4	3.7	6.00
Firing Rate—GPH Best	.75	1.00	1.35	2.00	2.6	4.5	7.5
Model Burner Furnished	CX1	SA X1	SA X2	SA X3	BX	BX	BX
Sq. Ft. of Heating Surface	17	21	27	44	68	93	138
Dia. Main Shell (Inside)	16 1/4"	19"	21"	24 1/4"	28"	33"	38"
Height of Main Shell	42 1/2"	46 1/2"	50 1/2"	58 1/2"	66 1/2"	81 1/2"	101 1/2"
Dia. of Fire Box (Inside)	12"	14 1/2"	16"	19"	23 1/2"	27"	32 1/2"
Height of Fire Box	21"	24"	28"	30"	42"	60"	94"
Number of Tubes	15 1/2"	15 1/2"	19 1/4"	23 1/4"	30 1/4"	29 1/4"	31 1/4"
Length of Tubes	3	1.75	2.00	2.66	5.25	6.50	7.25
Output Hot Water wc—gpm	3	2.00	2.75	3.67	6.75	8.00	10.00
Coil @ 100° Rise sc—gpm	3	2.00	2.75	3.67	6.75	8.00	10.00
Shipping Weight Lbs.—Boiler Only	440	697	843	1170	1760	1975	2370
Shipping Weight Lbs.—Burner Only	77	90	90	90	90	100	100
Shipping Weight Lbs.—Total	517	787	933	1260	1850	2075	2470

ALDRICH OIL BURNERS—Capacities from 0.75 gph to 19 gph. Models SAX-CX-BX-JU. 6 sizes, 4 models for domestic and commercial warm air, steam, or hot water systems. UL listed. SAX (illustrated) 3 firing ranges—0.75 to 1.35; 1.35 to 2; 2 to 4.5. Model CX 0.75 to 2. BX 4 to 8.5. JU 7 to 19.00 gph.

MODEL DESIGNATIONS

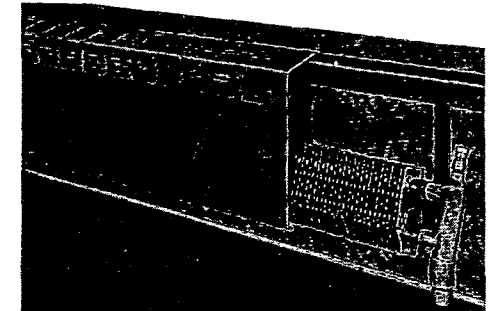
Without Coil	With Coil
Steam Heating	S
Hot Water Heating	W
Hot Water Supply	HGS*
Steam Heating	SC
Hot Water Heating	WC
Hot Water Supply	—

* Galvanized, with dress jacket.



Brown Products Company

97-12 Metropolitan Ave., Forest Hills, New York



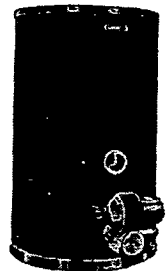
BROWN BAYCE-HEET

Brown Bayce-Heet is a "high-output" baseboard designed for residential and commercial use. This smart looking new unit has a rating of 1100 Btu at 215°F. (4.6 sq ft EDR per lineal ft) made possible by the remarkable TILT-FIN design wherein two diagonally opposed fins are folded downward and the entire heating element (fins and tubes) is tilted to allow more efficient air circulation. For use on forced hot water or two pipe steam system. Heating element: 1/2 in. copper tubes expanded into rectangular beaded aluminum fins for greater strength and heat transfer area.

Brown HEET

Automatic Oil-Fired Boiler Burner Units Domestic Water Heaters

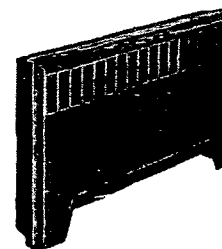
Available in 6 sizes for hot water radiation 68,000-472,000 Btu/hr. For steam radiation 5 sizes available from 93,000-472,000 Btu/hr (388-1965 sq ft EDR). Boilers come with built-in combustion chamber and flange mounted gun-type oil burner with controls. Available with 3, 4, or 5 gal instantaneous coil for hot water. Publication 100-2.



Brown HEET

CONVECTOR UNITS

Brown Heet Convector Units in the distinctive heavy gage cabinet design can be used with forced circulating hot water, one or two pipe, steam vapor or vacuum systems. Heat regulation is by simple chain control damper. Free standing or recessed style 20 in. or 24 in. high, 6 in. depth, 20 to 64 in. length, ratings from 17 to 68.6 sq ft EDR (4075 Btu/hr to 16,464 Btu/hr). 1/2 in. copper tube—expanded into aluminum fins. Publication 600-1.



Brown HEET

Unit Heaters Horizontal Suspended Type

Brown Heet Unit Heaters are available in capacities from 2,400 to 240,000 Btu/hr (100-1000 sq ft EDR) operating at 2 lbs steam pressure 60 F air entering. Hot water use is optional. Heating element consists of 1/2 in. OD copper tubes expanded into aluminum fins providing positive permanent mechanical bond. Publication 500-1.

