

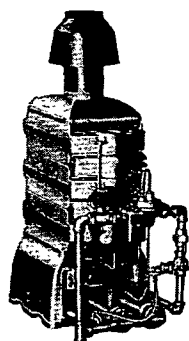
Hook & Ackerman, Inc.

63-56 Shakespeare St.
PITTSBURGH 4, PA.

18 East 41st St.
NEW YORK 17, N. Y.

HYDROTHERM

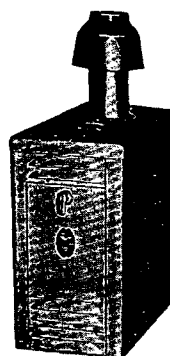
The Midget Automatic Gas Heating Plant
For residential, commercial and industrial hot water systems.



MODEL #HW5 w/o Jacket
400 sq ft Installed Radiation
576 lbs., 18 in. x 27 in. x 30 in.

HYDROTHERM is engineered for maximum life and maximum fuel economy and fully AGA approved for use on Manufactured, Natural and LP gases. Outstanding for:

- Radiant heating systems
- Convactor heating systems
- Gravity hot water systems
- Volume hot water heating
- Booster service for 180 deg sterilizing water



MODEL #HW3
288 sq ft Installed Radiation
550 lbs., 15 in. x 20 in. x 26 in.

CONSTRUCTION:—All cast iron, the HYDROTHERM absorption unit has horizontal sections, deep ribbed, overlapped and connected in zig-zag. This fully patented design is to give maximum heat transfer surface for a minimum water volume resulting in great efficiency and quick pick up. Absorption unit is furnished completely assembled and factory tested at 250 lb hydrostatic pressure. All controls including automatic gas control valve, Baco safety pilot, pressure regulator, aquastat and tridicator are enclosed in De Luxe jacket of Hammeroid finish.

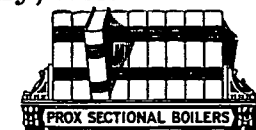
CAPACITY RANGE OF HYDROTHERMS

Dual Un. Single Un.	Hydrotherm Model No.	AGA ratings			Will Supply Sq Ft Installed Radiation Water 170° F	Capacity for Hot Water Storage Tanks Gallons per Hour for Temperature Rise Shown					Shipping Weight Lbs.
		Input Btu/Hr	Output Btu/Hr	Output Sq Ft Water		40°	60°	80°	100°	120°	
2 1/2" HW 2	45,000	36,000	240	180	106	70	54	42	35	160	
2 1/2" HW 3	72,000	57,000	384	288	170	113	85	68	56	250	
2 1/2" HW 5	100,000	80,000	580	400	238	158	119	95	79	375	
2 1/2" HW 3	150,000	120,000	800	600	357	237	178	142	118	600	
2 1/2" HW 4	200,000	160,000	1066	800	476	317	238	190	158	701	
2 1/2" HW 5	250,000	200,000	1333	1000	595	396	297	238	198	810	
2 1/2" HW 6	300,000	240,000	1600	1200	714	474	356	284	236	1200	
2 1/2" HW 7	350,000	280,000	1866	1400	833	554	416	332	276	1300	
2 1/2" HW 8	400,000	320,000	2133	1600	952	633	475	380	316	1400	
2 1/2" HW 9	450,000	360,000	2400	1800	1071	713	535	428	356	1510	
2 1/2" HW 10	500,000	400,000	2666	2000	1190	792	594	476	396	1620	

Frank Prox Company, Inc.

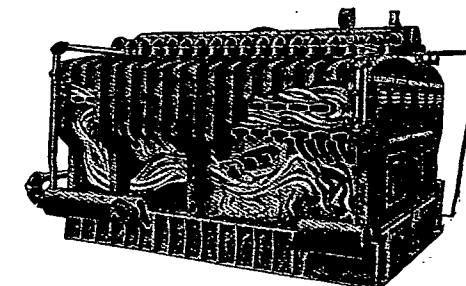


Office and plant
1201 So. First St.
Terre Haute, Ind.



PROX Boilers

For Large Installations in Schools, Theatres, Apartments, Churches, Hospitals, Hotels, Etc. Write for complete catalog.



CAN BE FURNISHED WITH A 22 IN. HIGH CAST IRON BASE FOR AUTOMATIC FIRING

22 in. High base plus 38 in. from normal grate line to crown sheet allows you a total of 60 in. from floor to crown sheet making it convenient for the installation of stoker, oil burner, or gas conversion burner. Front base opening will be made to suit your specifications at no extra charge when so ordered.

6 POINTS PARAMOUNT IN CHOOSING BOILERS

- 1. CONTINUOUS SERVICE**—Any heating plant will break if carelessly operated. Broken sections in Prox Boilers can be plugged off and heat maintained.
- 2. FUEL ECONOMY**—Short, wide fire-box design, full three layer fire travel, low stack temperature, self cleaning flues, conservative ratings.
- 3. LONG SERVICE, SAFETY**—Prox cast sectional Boilers represent maximum permanence as compared to steel construction.
- 4. QUICK, DRY—STEAMING**—Low water line, small waterways, quick circulation, dry steam assured by steam separating header over Prox Boilers.
- 5. REPAIR ECONOMY**—Remove any section like tilting book from bookcase, eliminating tearing down and destroying expensive covering.
- 6. INSTALLATION ECONOMY**—Take flow direct from large steam separating header, saving extra cost of additional header construction.

STEAM WATER LINE (Max. 72 in.) (Min. 67 in.)				STEAM AND WATER			WATER		
Smokeless Boiler Number BB-60	Regular Boiler Number BB-60	Guaranteed Rating Steam	Returns (inches)	Grate Area (sq ft)	Heating Surface (sq ft)	Flows (inches)	Returns (inches)	Regular Boiler Number BB-60	Guaranteed Water Rating
S10S	S10	11440	1-3	24.50	570	1-8	4-4	W10	17160
S11S	S11	12540	1-3	24.50	627	1-8	4-4	W11	18810
S12S	S12	13640	1-3	24.50	684	1-8	4-4	W12	20460
S13S	S13	14740	1-3	24.50	741	1-8	4-4	W13	22110
S14S	S14	15840	1-3	27.60	798	2-8	4-4	W14	23180
S15S	S15	16940	1-3	27.60	855	2-8	4-4	W15	25414
S16S	S16	18040	1-4	27.60	912	2-8	4-4	W16	27060
S17S	S17	19140	1-4	27.60	969	2-8	4-4	W17	28710
S18S	S18	20240	1-4	30.60	1026	2-8	4-4	W18	30360
S19S	S19	21340	1-4	30.60	1083	2-8	4-4	W19	32010
S20S	S20	22440	1-4	30.60	1140	2-8	4-4	W20	33660
S21S	S21	23540	1-4	30.60	1197	2-10	4-4	W21	35310
S22S	S22	24640	1-4	33.70	1254	2-10	4-4	W22	36960
S23S	S23	25740	1-4	33.70	1311	2-10	4-4	W23	38610
S24S	S24	26840	1-4	36.70	1368	2-10	4-4	W24	40260
S25S	S25	27940	1-4	36.70	1425	2-10	4-4	W25	41910