

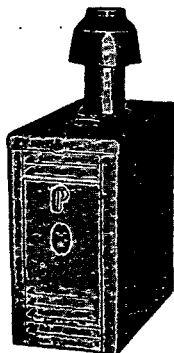
Hook & Ackerman, Inc.

PITTSBURGH 4, PA.

NEW YORK 17, N. Y.

HYDROTHERM

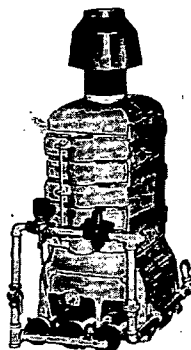
The Midget Automatic Gas Heating Plant
For residential, commercial and industrial hot water systems.



MODEL 2HW3
288 sq ft Installed Radiation
850 lbs, 13 in. x 23 in. x 23 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
Convector heating systems
Gravity hot water systems
Volume hot water heating
Booster service for 180 deg sterilizing water



MODEL 2HW6 w/o Jacket
400 sq ft Installed Radiation
375 lbs, 18 in. x 27 in. x 30 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, Baso safety pilot, pressure regulator, aquastat and tridicator are enclosed in De Luxe jacket of Hammeroid finish.

CAPACITY RANGE OF HYDROTHERMS

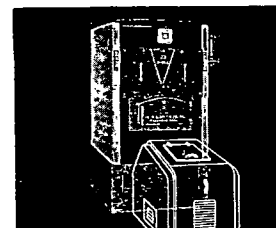
HYDROTHERM Model No.	A.G.A. RATINGS		Net Available Btu Per Hour	Will Supply Sq. Ft. Direct Radiation Water 170° F.	CAPACITY FOR HOT WATER STORAGE TANKS Gallons per Hour for Temperature Rise Shown				
	Btu Input	Water Rating Sq. Ft.			60°	80°	100°	120°	140°
SINGLE UNIT									
2HW3	72 000	384	57 600	288	113	85	68	56	48
2HW5	100 000	530	80 000	400	158	119	95	79	68
24HW3	150 000	800	120 000	600	237	178	142	118	100
24HW5	250 000	1333	200 000	1000	396	297	238	198	170
DUAL UNIT									
2HW6	144 000	768	115 200	576	228	171	137	114	96
2HW8	172 000	914	137 600	688	274	205	164	137	116
2HW10	200 000	1060	160 000	800	317	237	190	158	136
24HW6	300 000	1600	240 000	1200	474	356	284	236	200
24HW8	400 000	2133	320 000	1600	633	475	380	316	270
24HW10	500 000	2666	400 000	2000	792	594	476	396	340

The H. B. Smith Company, Inc.

Westfield, Mass.

Branch offices and Sales Representatives in Principal Cities

A complete line of modern cast iron sectional boilers for residential, commercial and industrial heating and for domestic hot water supply



20 Mills

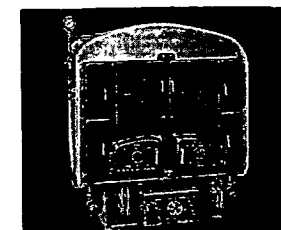
15-20-25 SMITH-MILLS BOILERS

Capacities 200 sq ft to 2275 sq ft steam radiation. This complete line of modern push nipple boilers is available in models for oil, gas, stoker and hand firing. Provisions have been made for built-in domestic hot water heaters and controls.

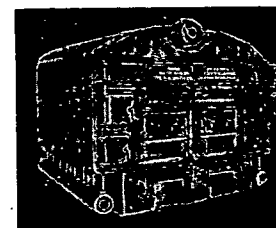
MILLS WATER TUBE BOILERS

Series 24-34-44

Capacities 900 sq ft to 13,380 sq ft of steam radiation. Independent header type construction—tens of thousands of these famous Mills Boilers are installed in schools, hospitals, apartment houses, stores, and other commercial and public buildings. Models for hand and all types of automatic firing.



44 Mills



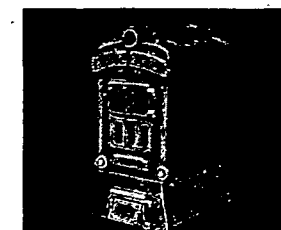
60 Smith

42 AND 60 SMITH BOILERS

May be used in batteries for heating loads up to and over 100,000 sq ft steam radiation. Many of these large units installed in industrial plants furnish steam for process requirements as well as for heating and domestic hot water.

SMITH HY-TEST BOILERS

Smith Hy-Test Boilers for hot water supply, are available in several models and many sizes for tank capacities to 20,000 gal. Constructed of the finest quality grey iron castings, these Hy-Test units are carefully tested at high pressures before shipment. The No. 17 series, for example, is tested at 350 lbs hydrostatic pressure—the highest test pressure of any cast iron boiler made.



17 HY-Test

Complete catalog information describing Smith boilers is filed in current issues of Sweet's "Architectural" and Domestic Engineering Catalog Directory