

FARRAR & TREFTS DIVISION

ADSCO INDUSTRIES, INC.

20 MILBURN ST. BUFFALO 12, N. Y.

FARRAR & TREFTS SALES OFFICES

Sales Offices:

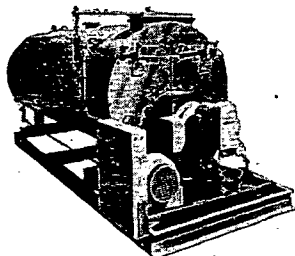
BIRMINGHAM, ALA.
LITTLE ROCK, ARK.
LOS ANGELES, CALIF.
DENVER, COLO.
WASHINGTON, D. C.
CLEARWATER, FLA.
MIAMI, FLA.
ATLANTA, GA.
BOISE, IDAHO
CHICAGO, ILL.
LOUISVILLE, KY.
NEW ORLEANS, LA.
SPRINGFIELD, MASS.
DETROIT, MICH.
GRAND RAPIDS, MICH.
ST. PAUL, MINN.
KANSAS CITY, MO.

ST. LOUIS, MO.
BILLINGS, MONT.
OMAHA, NEB.
NUTLEY, N. J.
ALBUQUERQUE, N. M.
GENEVA, N. Y.
NEW YORK, N. Y.
RENSSELAER, N. Y.
ROCHESTER, N. Y.
SYRACUSE, N. Y.
CHARLOTTE, N. C.
COLUMBUS, OHIO
CINCINNATI, OHIO

CLEVELAND, OHIO
DAYTON, OHIO
TOLEDO, OHIO
OKLAHOMA CITY, OKLA.
PORTLAND, ORE.
MECHANICSBURG, PENN.
PHILADELPHIA, PENN.
PITTSBURGH, PENN.
SCRANTON, PENN.
CHATTANOOGA, TENN.
KNOXVILLE, TENN.
MEMPHIS, TENN.
NASHVILLE, TENN.

DALLAS, TEX.
EL PASO, TEX.
HOUSTON, TEX.
SAN ANTONIO, TEX.
SALT LAKE CITY, UTAH
RICHMOND, VA.
SEATTLE, WASH.
SPOKANE, WASH.
MILWAUKEE, WIS.

Export Division:
ST. CATHARINES,
ONTARIO, CANADA
HONOLULU, HAWAII
MEXICO CITY, MEXICO
BUENOS AIRES,
ARGENTINA
SOUTH AMERICA
MONTEVIDEO, URUGUAY
SOUTH AMERICA



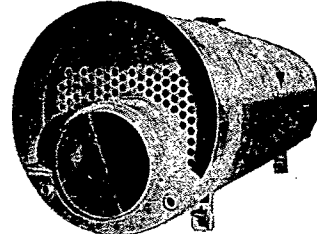
SCOTCH WET BACK
HEATING BOILERS

Series 3000, for packaged heating units. These boilers can be used with any manufacturer's burner equipment. Two-pass design gives good distribution of heat transfer with low stack temperatures and permits easy access to tubes. Large water and steam space assures smooth operation, steady pressure, and constant heat. Among the features are:

Wet front furnace—Front end of furnace, with water all around, is flush with front of boiler. Burner can be connected to fire directly at water heating surface without heat loss.

Complete wet back—Entire combustion chamber is surrounded by water, for efficient and quick conversion of water to steam. There is no heat waste in rear; boiler room is cooler.

Sizes from 4200 to 70,000 sq ft of steam radiation.



SCOTCH WET BACK
HEATING BOILERS
Series 2600

Where economy of installation and operation are paramount and the space is small, F & T Series 2600 Boilers are ideal. No expensive foundations, pits, or external brick work are needed. Piping to boiler is easily installed, especially where headroom is at a minimum.

Steam space extends the entire length of the boiler, since the surface above the rear combustion chamber is covered with water. This provides large steam space and disengaging area.

Series 2600 boilers are self-contained and can be moved easily and installed on two saddles. All parts are readily accessible for inspection and cleaning. Boilers can be furnished with special front furnace extension to suit burner requirements.

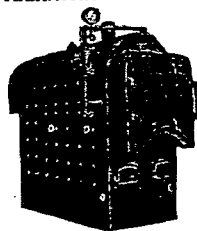
Sizes from 3160 to 42,500 sq ft of steam radiation.

BISON COMPACT HEATING BOILERS

Bison Compact Heating Boilers are designed to have a large furnace volume, ample water and steam storage, proper steam liberating surface and a balanced circulation. The result is a remarkably steady waterline.

Original cost of Bison Compact Heating Boilers is low and they are easily installed. They come complete, ready for piping. Minimum brick work is required. These boilers are designed for mechanical firing with oil, gas or stoker, but can be made for hand firing with anthracite or bituminous coal.

Sizes from 2680 to 42,500 sq ft of steam radiation.

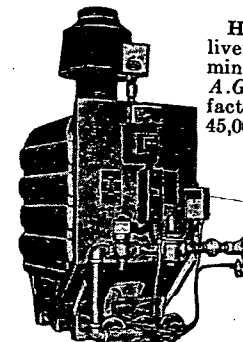


HYDROTHERM

Northvale, New Jersey

HYDROTHERM

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

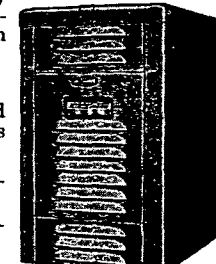


Model R150 without jacket
600 sq ft installed radiation.

HYDROTHERM is designed to deliver maximum hot-water heat with minimum fuel consumption. Fully A.G.A. approved for use on manufactured, natural and LP Gas . . . from 45,000 to 500,000 Btu.

Outstanding for:

- Baseboard, convactor and radiant panel heating systems
- Individual apartment heat
- Natural companion for central cooling system
- Booster service for 180 degree sterilizing water
- Volume hot water heating



Model R150 with jacket 125
lbs, 18 in. x 31 in. x 27 in.

CONSTRUCTION: all cast iron. Hydrotherm's unique absorption unit has deep ribbed horizontal sections, which are connected in zig-zag. This design affords maximum heat transfer surface for minimum water volume, resulting in greater efficiency and faster pick up. Hydrotherms are factory tested at 250 lb hydrostatic pressure and are ASME approved for 100 lb working pressure. Unit is fully wired and assembled for speedy installation. 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

Model No.	SPACE HEATING A.G.A. RATINGS						VOLUME WATER HEATING GALLONS PER HOUR FOR TEMPERATURE RISE SHOWN									
	Natural, Mixed and Manufactured Gas			L.P. Gas (Propane and Butane)			Natural, Mixed and Manufactured Gas					L.P. Gas (Propane and Butane)				
	input Btu/ Hr	output Btu/ Hr	install- ed* ra- diation	input Btu/ Hr	output Btu/ Hr	install- ed* ra- diation	60°	80°	100°	120°	140°	60°	80°	100°	120°	140°
M-45	45,000	38,000	180	42,000	33,600	168	72	54	43	36	30	67	50	40	33	28
M-72	72,000	57,600	288	72,000	57,600	288	115	86	69	57	49	115	85	69	57	49
M-85	85,000	68,000	340	85,000	68,000	340	136	102	81	68	58	136	102	81	68	58
R-100	100,000	80,000	400	100,000	80,000	400	160	120	96	80	68	160	120	96	80	68
R-120	120,000	96,000	480	110,000	88,000	440	192	144	115	96	82	176	132	105	88	75
R-150	150,000	120,000	600	145,000	116,000	580	240	180	144	120	103	232	174	139	116	99
R-170	170,000	136,000	680	—	—	—	272	204	163	136	116	—	—	—	—	—
L-200	200,000	160,000	800	200,000	160,000	800	320	240	192	160	137	320	240	192	160	137
R-250	250,000	200,000	1,000	225,000	180,000	900	400	300	240	200	173	360	270	216	180	154
R-300	300,000	240,000	1,200	290,000	232,000	1,160	480	360	288	240	206	464	348	278	232	198
R-340	340,000	272,000	1,360	—	—	—	544	408	328	272	232	—	—	—	—	—
L-400	400,000	320,000	1,600	400,000	320,000	1,600	640	480	384	320	274	640	480	384	320	274
L-500	500,000	400,000	2,000	450,000	360,000	1,800	800	600	480	400	346	720	540	432	360	308

* Indicates net load at 170°F water and includes pick-up and piping losses.