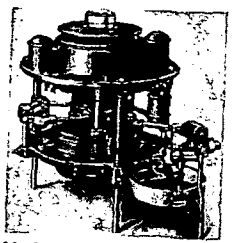
Automatic Burner Corp.

New York, N. Y. Chicago, Ill.

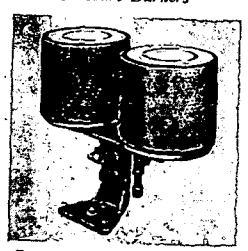
Domestic Pressure and Rotary Oil Burners
Range Burners **Boiler Units**
Furnace Units **Water Heaters**



20 Years of Manufacturing Rotary Type Oil Burners



Highly Efficient, Quiet Operating Pressure Burners



Correctly designed ABC All Steel Range Burner Units



ABC MATCHED Air Conditioning and Oil Burner Unit

ABC Oil Burners have been manufactured by the AUTOMATIC BURNER CORP. since 1920 and well over 100,000 are in use. There are five sizes of rotary type burners and seven sizes of the pressure type burners. All models are listed as standard by the Underwriters' Laboratories.

SPECIFICATIONS

Pressure Burners				Rotary Burners			
Model	Max. Cap. Gal Oil per Hour	Max. Capacity Sq Ft Net Standing		Model	Gal Oil per Hour	Max. Capacity Sq Ft Net Standing	
		Steam	Water			Steam	Water
W2	3.5	900	1440	H1	2.0	500	800
P7#2	1.3	300	480	E3	3.0	800	1280
P7#3	2.5	600	960	E4	7.5	2000	3200
P7#4	4.0	1000	1600	E5	15.0	4300	6880
P7#6	6.0	1600	2560				
P11	11.0	3200	5120				
P27	27.0	8000	12,800				

ABC Oil Burning Boiler Burner Units

Boiler Size	15	16	18	23	26
Rating SHBI Steam	325	420	500	675	1150
Rating SHBI Water	520	675	800	1080	1840
Overall—Height—Inches	49	49	49	55	58
Overall—Width—Inches	22	22	22	23	27
Overall—Length—Inches	37	37	37	38½	46
Approx. Shipping Weight—Lb	750	850	950	1100	1500

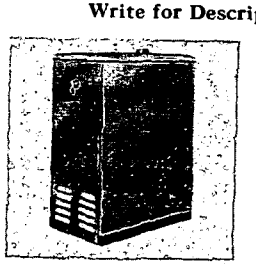
ABC Oil Burning Air Conditioning Units

Model Number	Btu per Hour Output at Registers	Approx. Shipping Weight—Lb
100D	80—100,000	790
150D	100—150,000	975
200D	150—200,000	1050

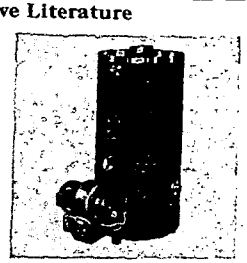
ABC Oil Burning Domestic Water Heaters

Heater Number	65WH	125WH	175WH	300WH	500WH
Capacity—Gal per Hour—90° Rise	65	125	175	300	500
Water Storage Capacity—Gal	18	27	30	36	42
Max. Aux. Water Storage Tank Capacity—Gal	300	400	600	1200	1800
Oil Firing Rates Recommended—gph	.8	1.0	1.3	2.0	3.0
Height—Overall—Inches	49	61	61	61	71

Write for Descriptive Literature



ABC MATCHED Boiler and Oil Burner Unit



ABC Matched Domestic Hot-Water Heater and Oil Burner Unit

TODD COMBUSTION EQUIPMENT, INC.

(Division of Todd Shipyards Corporation)

601 West 26th Street, New York City

NEW YORK MOBILE NEW ORLEANS GALVESTON SEATTLE BUENOS AIRES LONDON

TODD HORIZONTAL ROTARY ATOMIZING BURNERS are designed and built to be flexible and durable, with a wide range of highs and lows, and to use inexpensive fuel oils and a minimum of electricity. Operation is manual, semi-automatic or fully automatic. Motors are air-cooled and of the long hour type. All are equipped with an air-oil interlocking safety device. These burners are made in all sizes and may be installed singly or in batteries of any number desired.

Among the types available are:

Type RA for use where heavy No. 6 fuel oil is not available and for installations too small to justify burning No. 6. Fully automatic. Burns No. 5 or lighter.

Type R designed for firing low pressure heating boilers either manually or semi-automatically with No. 6 or lighter.

Type RAH for firing large low pressure heating boilers with heavy and cheap fuel oil . . . with practically no labor. Burns No. 6, fully automatic.

RECENT INSTALLATIONS OF TODD ROTARY BURNERS:

Allison Engineering Division, *Speedway, Ind.*
Bell Laboratories..... *Murray Hill, N. J.*
National Gypsum Co., *Port Wentworth, Ga.*
14 East 58th St..... *New York City*
Sheffield Farms Co., Inc..... *New York City*
Allis Chalmers Mfg. Co..... *La Crosse, Wis.*
Hecht's Warehouse..... *Washington, D. C.*
United Air Lines..... *Chicago, Ill.*
Glenn L. Martin Co., *Baltimore County, Md.*
Bethlehem Steel Co..... *Lackawanna, N. Y.*
Christopher Columbus High School, *Bronx, N. Y.*
Appellate Division Court House, *Brooklyn, N. Y.*
Dime Savings Bank Bldg., *Brooklyn, N. Y.*
Columbus Hospital..... *New York City*
London Clinic..... *London*
Dominion Government Bldg..... *Quebec*

TODD ALSO MANUFACTURES: Variable Capacity Mechanical Pressure Atomizing Oil Burners; Oil Burning Air Registers for Natural Draft, Assisted Draft, Induced Draft or Forced Draft; Inside Mixing Steam Atomizing Oil Burners; Combination Gas and Oil Burners; Furnace Doors and Interior Castings for converting Howden Type Furance Fronts to oil firing; Oil Burning Galley Ranges; Oil Heating, Pumping and Straining Equipment.

Todd engineers are always available for consultation and analysis of combustion problems—without obligation.