

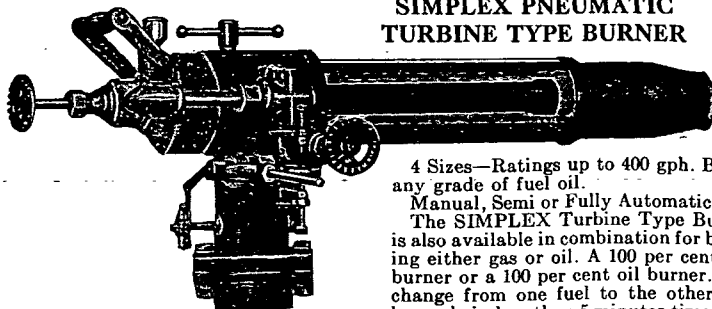
Simplex Oil Heating Corp.

11 Park Place • New York 7, N. Y.



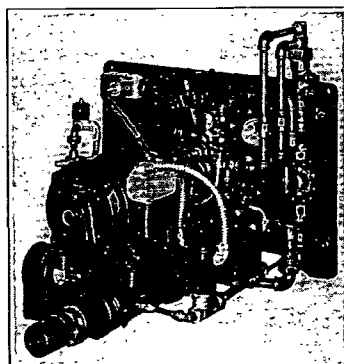
Domestic, Industrial, and Custom Designed Oil Burning Systems

SIMPLEX PNEUMATIC TURBINE TYPE BURNER



4 Sizes—Ratings up to 400 gph. Burns any grade of fuel oil.
Manual, Semi or Fully Automatic.
The SIMPLEX Turbine Type Burner is also available in combination for burning either gas or oil. A 100 per cent gas burner or a 100 per cent oil burner. The change from one fuel to the other can be made in less than 5 minutes time.

SIMPLEX Oil Burning Systems have been listed as standard by the National Board of Fire Insurance Underwriter's Laboratories, Chicago; approved by the Board of Standards and Appeals of New York City; approved by the Department of State Police, State of Connecticut, and conform to local governmental and insurance requirements everywhere.



SIMPLEX HORIZONTAL ROTARY TYPE BURNER

4 Sizes—Ratings up to 90 gph. Furnished only with standard motors of nationally known manufacturers.
Burns any grade of fuel oil.
Manual, Semi or Fully Automatic.

SIZES AND CAPACITIES—TYPE H.E.G.H., TYPE H.E.G., TYPE H.

Burner No. (for all types)	2	3	5	8
Motor H P	1/4	1/2	3/4	2
Maximum Capacity, gallons per hour (Approx.)	10	25	40	90
H P Rating (Approx.)	30	75	120	300
Sq Ft Steam Radiation—boiler output (approx.)	4,000	10,000	16,000	36,000

(Based on 400 Sq Ft per Gal.)

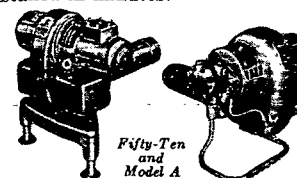
Williams Oil-O-Matic Division

WILLIAMS OIL-O-MATIC HEATING SYSTEMS

EUREKA WILLIAMS CORPORATION, BLOOMINGTON, ILLINOIS
Manufacturers of Automatic Fuel Oil Burners and Complete Heating Units for Steam, Hot Water, Warm Air and Radiant Heat.

OIL BURNERS

Williams Oil-O-Matic Low Pressure burners: Easily installed in any type of heating plant. Use any domestic fuel oil, including the new catalytic oils. New "Sealed Thrift Unit" on Model Fifty-Ten is factory sealed. Replacement units installed in minutes.



Williams High Pressure burners are precision-built for those who want high quality at minimum first cost.

Oil Burners

Model	Oil Capacity Gals. per Hour		Motor		Atomizing Pressure
	Min.	Max.	Hp	Rpm	
Fifty-Ten	.6	3.0	1/4	3450	1 to 3 lbs
K-4.5	2.50	4.5	1/2	1725	2 1/2 lbs
K-7	4.00	7.00	3/4	1725	3 lbs
A	1.00	3.	1/4	1725	100 lbs
HP-7	3.50	7.00	1/2	1725	100 lbs

NEW STEEL BOILER-BURNER UNIT

All-steel boiler-burner unit for 5- and 6-room insulated-type homes; a new development! Only 22 1/2 in. by 28 1/2 in. by 43 1/2 in. high! Domestic water coils up to 180 gph. Water base; fuelless construction. Lightest water-backed metal 1/2 in. Capacity: 320 sq ft water, net.

Model 300W

Oil-O-Matic Boiler—Burner Units STEEL

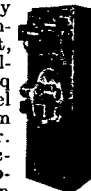
Model	Sq Ft Net Load Steam Water	Net Output Btu/hr	Gross Output Btu/hr	Oil Input (gph)
300W	— 320	48,000	—	.70

CAST IRON

C-3 (S or W)	300	480	72,000	111,000	1.05
C-4 (S or W)	450	720	108,000	164,000	1.55
C-5 (S or W)	600	960	144,000	216,000	2.05
C-6 (S or W)	750	1200	180,000	268,000	2.50

WINTER AIR CONDITIONERS

New Utility Models: Utility Model 1 (vertical-in-line construction) for basement, utility room or closet installation. Requires less than 4 sq ft of floor space. Utility Model 1 is entirely suspended from the ceiling or under the floor. Both units factory-wired, factory-assembled. Both equipped with Model Fifty-Ten Oil-O-Matic Low Pressure Burner. Capacity of each unit: 70,000 Btu.



Utility Models 1 & 1S



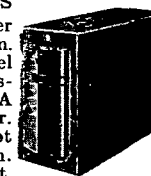
Streamlined Package Units: Complete winter-air-conditioning furnace-burner units. Dual radiation and counterflow construction. Capacities: 70,000, 100,000 and 150,000 Btu.

Oil-O-Matic Winter Air Conditioners

Model	BTU at Bonnet	C.F.M. (a) 3/8" S.P.	Oil Input G.P.H.	Filters Sq. In.	Blower Motor
Utility 1 and 1-S	70,000	900	.70	600	1/4 hp
70	70,000	900	.70	600	1/4 hp
10A	100,000	1300	1.00	1000	1/4 hp
15A	150,000	1800	1.50	1920	1/4 hp

NEW CAST-IRON BOILER-BURNER UNITS

Four sizes for hot water heat and four for steam. Equipped with Model Fifty-Ten Low Pressure burner or Model A Hi-Pressure burner. Built-in domestic hot water coils to 240 gph. All metal jacket, bonded glass wall insulation. Water base construction. Special high insulating factory-designed combustion chamber. Boiler tapings for all control systems. Capacities: from 310 to 690 sq ft of steam radiation; 500 to 1,100 sq ft of hot water.



Model C-3