

Williams Oil-O-Matic Division

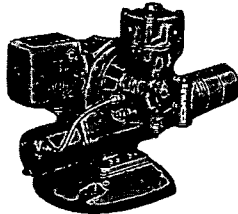
WILLIAMS HEATING
OIL-O-MATIC COOLING PRODUCTS

EUREKA WILLIAMS CORPORATION, BLOOMINGTON, ILLINOIS

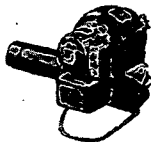
Manufacturers of Automatic and Manually Controlled Fuel Oil Burners

OIL BURNERS

Williams Oil-O-Matic Lo-Pressure burners are offered in 4 sizes ranging in capacity from $\frac{1}{2}$ to 7 gal of fuel oil per operating hour. Easily installed in any type heating plant. Patented Thrift Meter pre-meters oil to exactly meet heating plant needs. Wide, non-clogging orifice handles even the heaviest oils.



Williams Hi-Pressure precision-built burners are available for those who want high quality at minimum cost. 3 sizes with capacities from 1.00 to 7 gph.



How to Decide Size of Burner

For low pressure domestic boilers, 1 gal of fuel oil per hour (140,000 Btu) is required for approximately 300 sq ft of steam radiation or its equivalent, or for 480 sq ft of hot water radiation or its equivalent. 70,000 Btu when using warm air furnace ratings. 24 sq ft steam boiler heating surface (or 2.2 hp). For exact data, see Oil-O-Matic Installation and Service Manual.

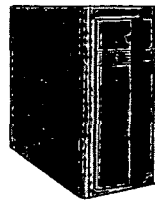
Oil-O-Matic Lo-Pressure Burners Leg or Flange Mt.

Model	Oil Capacity		Motor		Atom. Pressure
	Min.	Max.	Hp	Rpm	
K-150	.50	1.50	$\frac{1}{8}$	1800	2 lbs
K-3	1.00	3.00	$\frac{1}{4}$	1800	2 lbs
K-4.5	1.35	4.5	$\frac{1}{2}$	1800	2½ lbs
K-7	4.00	7.00	$\frac{3}{4}$	1800	3 lbs

Williams Hi-Pressure Burners Leg or Flange Mt.

Model	Oil Capacity		Motor	Rpm	Atom. Pressure
	Min.	Max.			
HP-1	1.00	1.50	$\frac{1}{8}$	1725	100 lbs
HP-3A	1.35	3.00	$\frac{1}{4}$	1725	100 lbs
HP-7	3.50	7.00	$\frac{3}{4}$	1800	100 lbs

New WINTER AIR CONDITIONERS



Eye-catching beauty, superlative styling by George Walker in complete units—engineered from the inside out to take full advantage of the famous Low Pressure Principle. Capacities of units 70,000; 100,000; and 150,000 Btu's. Smallest size (Model 70) completely packaged unit only 58 in. l. 22 in. w. 45 in. h. (Fits most utility rooms).

Oil-O-Matic Winter Air Conditioners

Model	Btu at Bonnet	C.F.M. (a) $\frac{1}{4}$ " S.P.	Oil Input G.P.H.	Filters Sq. In.	Blower Motor
10A	100,000	1300	1.00	1000	$\frac{1}{2}$ hp
15A	150,000	1800	1.50	1920	$\frac{3}{4}$ hp
70	70,000	900	.65	600	$\frac{1}{4}$ hp

OIL-O-MATIC LOW PRESSURE PRINCIPLE

• Oil-O-Matic has a two-source air supply instead of only one as in the ordinary or high pressure burner. A marked aid in achieving clean, complete combustion.

• The Low Pressure Principle permits use of a large, non-clog nozzle opening (instead of the pin-point nozzle opening in ordinary or high pressure burners).

• Combination of the Low Pressure Principle and a unique Thrift Meter which permits accurate oil measurement give Oil-O-Matic top efficiency even at low firing rates.

• In independent laboratory test Oil-O-Matic has burned a 100% catalytically cracked oil with the same ease and efficiency as a No. 1 oil.

New Oil-O-Matic Boilers

New Oil-O-Matic Products will be announced in APRIL 1949—Write in now for special information.

The Kent Company, Inc.

433 Canal St.,

Rome, N. Y.

Representatives in Principal Cities

KENT DOUBLE SUCTION FURNACE AND BOILER CLEANER

OUTSTANDING FEATURES

Kent provides powerful double suction with two fans powered by a $\frac{1}{2}$ hp motor. The vertical design separates dust, soot and scale from air by gravity. Permits use of double dust bag. Fans fully protected—no damp soot can cake Kent fans. Dust bag fully enclosed in metal tank. May be quickly emptied by removing cover from metal tank and taking double dust bag out.

SPECIFICATIONS

Weight of Suction Unit 39 lbs.

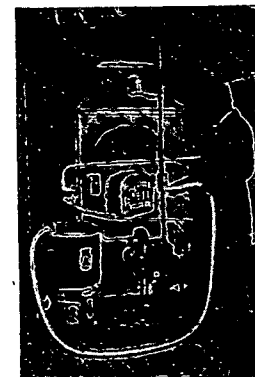
Diameter of Dirt Can 14 inches.

Weight of Dirt Can 24 lbs.

Capacity of Dust Bag 1200 cubic inches.

Total weight 63 lbs.

Air volume 200 cu ft per minute.



Built to last

Water vacuum 43 inches.

Shipping weight 116 lbs.

$\frac{1}{2}$ hp Westinghouse Universal Motor.

EASY TO CARRY

Kent is strong—yet light—easy to handle.

GUARANTEE

Kent products are always guaranteed against defective materials and workmanship for a period of one year.

