

Petroleum Heat & Power Company

Main Office and Factory: Stamford, Conn.

"Since 1903" . . . Good Oil Burning Equipment . . . Fuel Oils

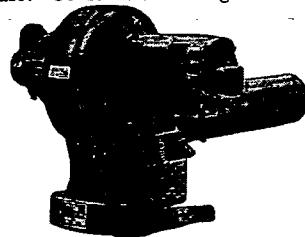
PETRO

DOMESTIC
OIL HEATING
EQUIPMENT

PRESSURE ATOMIZING DOMESTIC BURNERS

Models P 20-A, P 20, P 21, P 22

Applicable to steam, hot water, or warm air systems. Burn No. 3 fuel oil (or lighter), heaviest and lowest priced fuel oil approved by Underwriters for domestic use. Constant electric ignition for reliable, safe operation.



Petro P-12 Burner

Order or inquiry should specify the type, size and rating of boiler or furnace to be fired, together with the total load.



P-20 Burner

Models P 12, P 13-A, P 13

Applicable to heating large residences, stores, garages and other commercial buildings. Approved for No. 3 (or lighter) fuel oil.

UNITS AND HEATERS



Front view of Petro Standard Automatic Boiler for Steam



Petro A-75 Winter Air Conditioner

Standard Model Petro Automatic Boilers, in two sizes, for steam and water, are steel boilers designed for small home field. Winter Air Conditioner rated 75,000 Btu at register. Storage Type Water Heaters operate on No. 3 oil and heat 120 gph 100 temperature rise.



Petro Storage Type Hot Water Heater

Burner Model Number	Nozzle Size Gal per Hr.	Total Capacity		App. Sh'p'g. Wgt.
		Steam Sq Ft	Hot Water Sq Ft	
P-20-A	1.00	350	560	120
P-20	1.25	435	695	120
	To	To	To	
	2.50	875	1400	
P-21	2.00	700	1120	120
	To	To	To	
	4.50	1575	2520	
P-22	3.00	1050	1680	135
	To	To	To	
	6.00	2100	3360	
P-12	6.00	2100	3360	190
	To	To	To	
	10.00	3500	5600	
P-13-A	9.00	3150	5040	250
	To	To	To	
	12.00	4200	6720	
P-13	12.00	4200	6720	250
	To	To	To	
	18.00	6300	10080	

Send for Catalog of Petro Domestic Oil Heating Equipment.
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PETRO

INDUSTRIAL AND
COMMERCIAL OIL
BURNING SYSTEMS

FOR UNHEATED COMMERCIAL OILS:

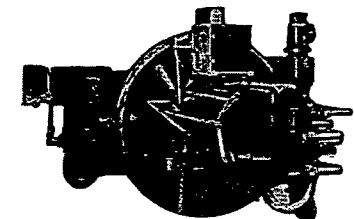
Model W-A—Automatic ignition and operation with synchronized control of oil and air.

Model W-SA—Semi-automatic, i.e.: automatic variation of firing rate with manual ignition; also available for manual variation and manual ignition.

FOR PREHEATED OILS: HEAVY NO. 5, NO. 6 (BUNKER "C") OIL.

Model W-AH—Automatic ignition and operation with synchronized control of oil and air, and automatic control of oil heaters.

Model W-SAH—Semi-automatic with oil heaters, i.e.: automatic variation of firing rate with manual ignition; also available for manual variation and manual ignition.



Model WD—AH Direct Driven, Rotary Cup Type Burner. Illustration Shows Modutrol Mounted on Burner.

PETRO MODEL W BURNER is available in two types: (1) Direct-Driven, which includes electric motor, fan, pump, rotary cup atomizer in one self-contained assembly, together with air and oil controls. (2) Belt-Driven, containing the same assembly as above except that the integral motor is replaced by motor mounted outside burner housing and arranged for belt drive. Removable rotary cup and nozzle permit changing shape of flame to suit any boiler furnace requirements.

Interlocking air and oil control mechanism permits any minimum or maximum operation required within the burner's range of operation. Counter-flow Angular Air Vanes at nozzle increase air and oil turbulence and aid efficient combustion of heavy fuel oils.

Special oil adjustment valve meters oil to rotary cup, yet permits manual operation without disturbing permanent burner adjustment.

CAPACITIES

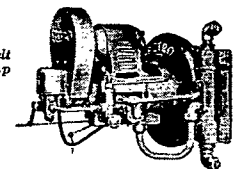
Model	Motor H.P.	Max. Gals. per Hour	Rated Cap. B.H.P.	Sq. Ft. C.I. Steam Rad.
W-2	1	11	37	5,150
W-3	1	15	50	7,030
W-4	1	25	84	11,720
W-5	1	35	117	16,400
W-6	2	50	168	23,440
W-7	2	70	235	32,800
W-8	3	100	336	46,600
W-8	3	120	403	56,200
W-9	3	145	487	68,000

These burners are available for all types of electrical current supply.

PETRO'S THERMAL VISCOSITY CONTROL

A dependable and accurate control of viscosity—and hence delivered combustion efficiency—is through the heat applied to the oil. Petro's Thermal Viscosity System controls this heat-application at its source.

Model WO-A Belt Driven, Rotary Cup Type Oil Burner.



Send for catalog of Petro Commercial and Industrial Oil Burners
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