RAY OIL BURNER CO. 401-499 Bernal Avenue, San Francisco 12, California

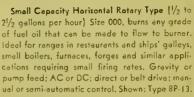
Industrial, Commercial, Marine & Domestic Oil Burners-1 to 1000 Boiler Horsepower: Industrial Gas and Combination Gas-Oil Burners.



Winter Air-Conditioning Units; Oil-Burning Commercial Ranges; Pump Sets (for oil burner applications)-Literature on request.

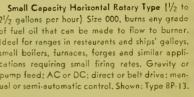


Semi-Automatic Operation (fully automatic after manual ignition) with heavy fuel oils is best achieved by the Ray Type AP-14. Extreme flexibility is obtained with modulating motor control, which is responsive to minute changes in load demand. Burns any grade of fuel oil that can be made to flow to burner. Available in belt drive for odd frequencies. In sizes 00-8.

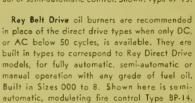




Fully Automatic Heavy Fuel Oil Burner, Ray Type AR-134, combines simplicity of construction with ease of control; is extremely flexible, able to follow load demand very closely. Built-in double pump and Reservoir, with the Ray VIS-COSITY* Valve, for accurate metering of the heavy oils: gas-electric ignition; for CSG #S oil. Built in Sizes O to B. Also available in Belt Drive.

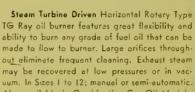








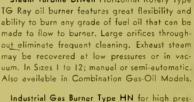
Fully Automatic with CSG #6 Fuel Oil, the Ray Type AR-141 combines the basic construction of all Ray horizontal rotary oil burners-fan, atomizing cup and rotor mounted on main shaft; direct drive; enclosed, air-cooled motor-with built-in, thermostatically controlled oil heater and Ray VISCOSITY* Valve. Gas-electric ignition: in Sizes O to 8. Also available in Belt Drive.

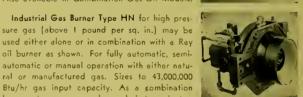






Ray Combination Oil-or-Gas Burners operate on any grade of fuel oil, any grade of natural or manufactured gas. Fully automatic, semi-automatic or manual types; pump or gravity feed. Sizes 00 to 12; maximum gas capacity 43,600 cubic feet per hour. Changeover from one fuel to the other may be made in less than two min-







utes. Shown here is fully automatic Type ARC-131.

Fully Automatic Pressure Atomixing Ray Oil

burners for light oil are built in several sizes with

capacities to 18 gals, per hour; for either AC or

DC: with several types of mountings. Also in

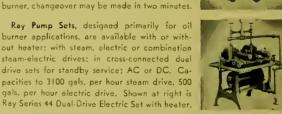
Combination Gas-Oil models with maximum gas

input capacities of 2,450,000 Btu/hr. Simplicity

of construction assures smooth, silent, care-free

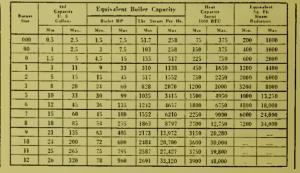
operation. Shown is smallest size, Type JP.

Ray Pump Sets, designed primarily for oil burner applications, are available with or without heater; with steam, electric or combination steam-electric drives; in cross-connected dual drive sets for standby service; AC or DC. Capacities to 3100 gals, per hour steam drive, 500 gals, per hour electric drive. Shown at right is Ray Series 44 Dual-Drive Electric Set with heater.





Straight Electric Ignition with the heavy fuel oils is achieved with the Type AR-JP Ray oil burner. Combining a pressure-atomizing JP (to be supplied with light oil) with a horizontal rotary burner, this model is used where gas for ignition is not available, or wherever straight electric ignition is desired. Type AR burners (see description above) are built in Sizes 0 to 8.





1 to 1000 Boiler Horsepower capacity (Sizes 0000 to 12) Type AG Ray Oil burners are ideal for general industrial applications where gravity feed (with light oil) or a separate pump set can be employed. Available in manual, as shown, or semi-automatic types, for any grade of fuel oil that can be made to flow to burner. Also available in Belt Drive types (in Sizes 000 to B). Reg. U. S. Pat, Office

Hourly Capacity Ratings for Normal Conditions (Based on approximately 70% averall boiler efficiency)