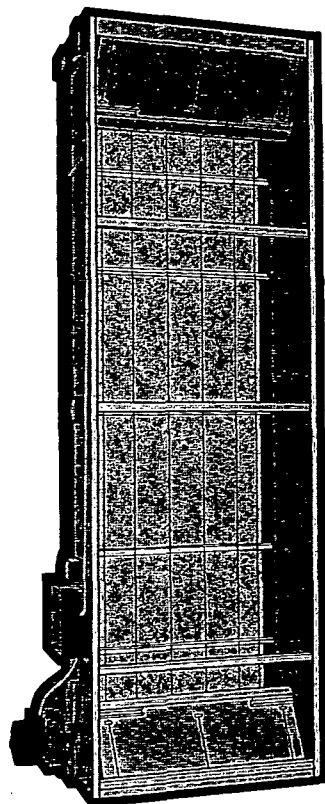




OUR NEW ROLL FILTER USES WASHABLE MEDIA (OVER AND OVER AND OVER)

It's our new ROLL-A-MAZE roll filter with Foamaze® filter media. Unlike other filter media, Foamaze is permanent. It's built like a sponge so it can be washed and re-used indefinitely—for important savings in operating costs. Foamaze's performance makes

throw-away roll media obsolete, too. It equals or exceeds the efficiency and dirt-holding capacity of throw-away rolls. In addition, there's no media migration. No compression. No pulsation under varying air flow. No oil pulloff. And, there's no

changeover problem; we can supply Foamaze to fit all roll models, automatic or manual. For detailed information, write or call Rockwell-Standard Corporation, Air-Maze Division, Cleveland, Ohio 44128.



AIR-MAZE FILTERS ARE PRODUCED BY ROCKWELL-STANDARD CORPORATION

THE CARLIN COMPANY

912 SILAS DEANE HIGHWAY • WETHERSFIELD, CONN. 06109

MANUFACTURERS OF OIL BURNERS, OIL-FIRED WATER HEATERS
DISTRIBUTORS AND STOCKS IN MAJOR FOREIGN MARKETS



Pressure-atomizing, fully automatic, gun-type Oil Burners for residential and commercial use.

The Carlin Company manufactures a complete line of quality oil burners for No. 2 grade fuel oil in capacities from 0.65 to 20.00 gph for operation on 60-cycle current and in capacities from 0.50 to 15.00 gph for operation on 50-cycle current. Pedestal and flange mounted models are offered. Mounting to popular makes of boilers and furnaces is made easy with a wide selection of flanges and mounting plates especially developed by Carlin. Advanced design features include the "Shell Head," a significant improvement in oil burning which develops higher combustion temperatures, makes heat-wasting soot deposits negligible, conserves fuel. Operation is quiet, clean, economical. Use of heat- and corrosion-resistant alloys guards against deterioration, makes cleaning easier.

"N" Series burners with "Flame Retention Head" produce a stable, high-temperature flame that is quick igniting, quiet, and properly shaped for clean firing in narrow combustion chambers and under minimum draft conditions; also in low base and Scotch Marine-type boilers. High combustion efficiency is indicated by regularly obtained readings of 10% CO, and above with low stack temperatures and zero smoke.

Key to the stable flame pattern developed by "N" Series burners is a stainless steel ring in the combustion head with vanes properly shaped to create a balanced air-oil mixture. As the atomized oil is discharged from the nozzle, it is preheated for smokeless, high-temperature burning. The fire holds steady at the ring to prevent carbon buildup and to eliminate pulsation. Models in a capacity range from 0.65 to 12.00 gph.

Carlin Oil Burners are available with Electronic Controls which comply fully with Underwriters' Laboratories latest safety switch timing requirements. Many sets are factory mounted and wired to insure proper hook-up and save installation time. Burner-mounted relay with cadmium cell flame detector available on "N" Series models.

Carlin Oil Burners are listed by Underwriters' Laboratories Inc. and are approved under U.S. Government Commercial Standard CS75-56 where applicable.

60-CYCLE MODELS



400S-2 (0.75-1.75 gph)
400S-3 (1.75-3.00 gph)



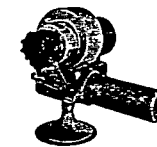
450FR-1 (2.00-3.00 gph)
450FR-2 (3.00-4.50 gph)



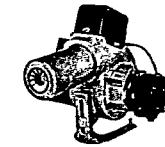
950FR-1 (3.50-7.00 gph)
950FR-2 (6.00-9.30 gph)



2000 (10.00-20.00 gph)



400N-2 (0.65-2.00 gph)
400N-3 (1.50-3.00 gph)



150N-2 (0.65-1.25 gph)
150N-3 (1.00-1.65 gph)

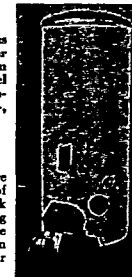
STORAGE-TYPE WATER HEATERS

Carlin fully automatic oil-fired storage-type heaters feature a high recovery rate. (Model OFC-30-S heats 120 gallons per hour at 100° F. temperature rise.) Equipped with Carlin Model 150F oil burner, especially adapted to clean, efficient firing in water heater combustion chambers. Tank assemblies covered under factory warranty. Detailed warranty card furnished with each unit.

(Right) Model OFC-30-S, with glass lined 30-gallon tank, illustrated. Other glass lined models in 50- and 70-gallon sizes; also 50-gallon "Com-pac" model for confined areas or overhead installation, and copper lined models in 30-, 50- and 65-gallon sizes.

FEATURES

Combustion chamber of high temperature refractory in steel casing • Flue-liner of corrosion resisting aluminized steel • Tank fully insulated with Fiberglas • Fitting openings sealed with asbestos and furnace cement • Easily replaceable magnesium anode in glass lined models • Provision for dual aquastat.



INDIRECT-TYPE WATER HEATERS

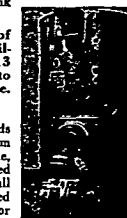
Carlin indirect oil-fired submerged copper coil water heaters are especially designed for hotels, motels, swimming pools, schools, churches, restaurants, laundromats and similar installations where large quantities of hot water are required. Closed-system design prevents impurities from coating the heating surfaces. Carlin oil burner is properly sized to the combustion chamber area.

Unit may be used with separate storage tank to meet "shock load" conditions.

(Right) Model WL-216, with capacity of 216 gph at 100° F. temperature rise, illustrated. Line includes a total of 13 models in a range from 135 gph to 1296 gph at 100° F. temperature rise.

FEATURES

Removable copper coils have large radii bends for unrestricted water flow and minimum pressure drop • Shell of heavy steel plate, minimum thickness of 1/4" • All units tested at 1 1/2 times water working pressure • Full length, cold-drawn steel fire tubes welded into heater yet are readily accessible for cleaning • Equipped with ASME pressure relief valve, hot water control, combustion safety control, and combination pressure-temperature-altitude gauge.



ASME Ⓜ

For complete technical literature including engineers' manual, specification sheets, electronic control data, combustion chamber dimensions, water heater sizing charts, etc., address The Carlin Co., 912 Silas Deane Hwy., Wethersfield, Conn. 06109