Delco Appliance Division

General Motors Sales Corporation

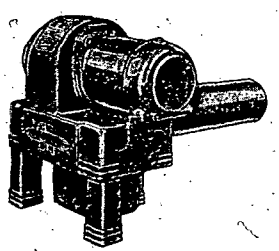
BUILT AND BACKED BY GM GENERAL MOTORS

Rochester, N. Y.

Delco offers a complete line of automatic heating products, including: oil burners, bituminous coal stokers, oil and gas-fired boilers, oil and gas fired winter air conditioners and automatic water heaters. Write to Delco Appliance Division, General Motors Sales Corporation, Rochester, N. Y. for latest information and detailed specifications, or consult your local Delco distributor whose address is listed in the classified section of your telephone directory.

DELCO AUTOMATIC HEAT

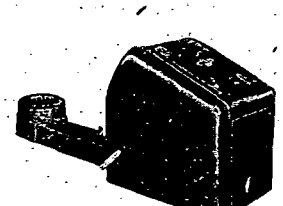
OIL BURNERS



Model "A" Oil Burner with Rotopower Unit

Delco Oil Burners employ the highly efficient pressure atomizing method of breaking the liquid fuel into fine particles for complete combustion. In the Delco Oil Burner with the Rotopower Unit, the motor, air blower, fuel pump, filter and fuel control valve are all contained within a single, easy-to-remove unit on an integrated shaft. The high-precision pump connecting directly to the shaft of the Rotopower Unit motor has only two moving parts, fitted together within 2/10,000ths of an inch. Built into the Rotopower Unit is the Thin Mix Fuel Control which regulates the pressure of the fuel oil for proper mixing with air to assure the most economical flame. Delco Oil Burners are available in 5 sizes in standard voltage characteristics with combustion rates from 1-30 gal per hour or a capacity range from 440-12,000 sq ft of steam, EDR.

BITUMINOUS COAL STOKERS

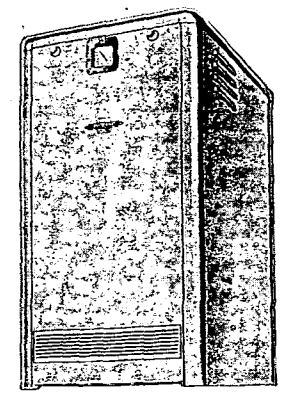


SD-20 Stoker

Delco Stokers which are designed to provide automatic firing for coal-fired domestic heating plants are of the underfeed, screw type with intermittent coal feed. Two 20-pound, two 30-pound and one 50-pound stoker, burning bituminous coal, make up the Delco line. Features incorporated in deluxe models include: automatic controls, air control, Rhino-Hide lined hopper, smokeback eliminator, oversize feed worm, and sound insulation. Fingertip transmission control permits ease of regulation of coal flow to suit the weather. Coal control consists of two speeds and neutral in 20-pound models; three speeds and neutral in 30-pound and 50-pound models. Using 12,000 Btu per pound coal, capacity of 20-pound models is 600 sq ft steam EDR, of 30-pound models, 900 sq ft steam EDR, and of 50-pound models, 1500 sq ft steam EDR.

DELCO AUTOMATIC HEAT

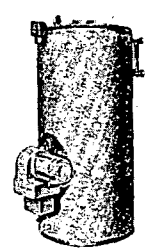
BOILERS



The DB-3 Boiler

Delco Automatic Boilers coordinate the Delco Oil Burner or Delco Gas Burner with a boiler of special design and construction for application on hot water, steam, or vapor-*vacuum heating* systems. Most oil-fired models incorporate the famous Delco Oil Burner with the Rotopower Unit. Boiler sections are dotted with heat-absorbing fins. When sections are fitted together, fins form a series of passes, exposing a maximum of water-backed surface to the heated gases. Three models, the DSS, the DB-3 and DB-4 incorporate the exclusive Quik-Action Heat Transmitter which provides quick, radiant heating and render the previous slow heating fire clay refractory lining of the combustion chamber unnecessary. Provision is made in all models for incorporating a built-in domestic water heater. Six oil fired automatic boilers, with capacities ranging from 300-1,335 sq ft of steam, EDR, and one gas fired model with a capacity of 800 sq ft of steam, EDR, are available.

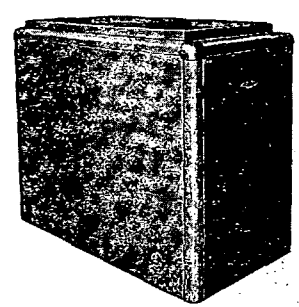
DSS-DSW BOILER



The DSS Boiler

The latest addition to the Delco line of automatic boilers is Model DS, a new small steel boiler for either steam or hot water with a capacity of 300 sq ft of steam EDR. The Delco Automatic Water Heater, Model DS, resembling the steel boiler in construction and operation, is also available. Model DS employs the Quik-Action Heat Transmitter which utilizes radiant heat 9 times faster than open type flames in refractory fire boxes; the simplified Rotopower Unit that contains all moving parts within a single, easily removed unit on an integrated shaft; the Thin Mix Fuel Control which meters fuel oil economically and prevents waste; and the Heat Trap, a special baffle that conserves heat ordinarily lost. Water chambers of the DS Boiler are of boiler-plate steel tested to 300 lbs pressure. They are insulated with a thick overcoat of rock-wool.

CONDITIONAIRS



The DAO Conditionair

The Delco Conditionair is a compact, completely automatic unit, oil or gas fired, which provides true winter air conditioning by circulating cleaned, humidified and properly heated air. Model DAO Delco Oil Conditionair incorporates the new, exclusive Quik-Action Heat Transmitter. Air flow resistance is reduced to a minimum by tear drop design. Heat is transferred to the flowing air from a large heating surface dotted with heat projectors, and moisture is then added by a pan, cascade or spray type humidifier. A cooling attachment can easily be added for year 'round use. In Delco Gas Conditionairs there is a sufficient range in sizes to permit selection of the proper unit for applications ranging from 85,000 Btu heat loss to 255,000 Btu heat loss. Delco Conditionairs, oil fired, range in size from 85,000 Btu heat loss to 280,000 Btu heat loss.