

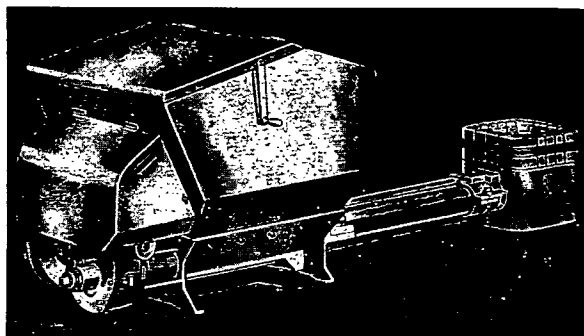
Combustioneer Division

of The Steel Products Engineering Company

AUTOMATIC COAL BURNERS FOR HOME AND INDUSTRY

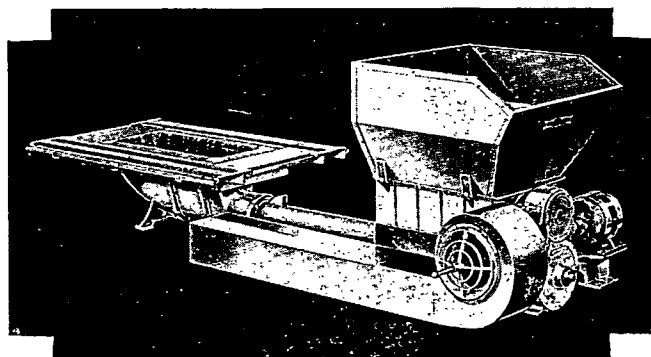
Springfield, Ohio

Combustioneer Automatic Coal Burners are designed for homes and industry. They are the result of many years of experience in the design, construction and operation of coal burning equipment. Air and fuel in correct proportions are automatically fed into the fuel bed. Uniform temperature; utmost convenience, comfort, automatic healthful, safe warmth always assured.



A Domestic Model of Combustioneer

The Domestic model of Combustioneer has been developed for homes and small buildings. It is economical in fuel consumption; provided with accurate automatic controls and employs the **Combustioneer Breathing Fuel Bed and Automatic Respirator**. Fits all types of small domestic heating plants. Industrial models have been designed to meet the requirements of boilers up to 300 hp. Forced underfeed principal of firing. Intermittent feed gear box. Automatic air control. Sectional tuyeres and dead plates.



An Industrial Model of Combustioneer

Complete information, specifications and engineering data furnished on request.

The Marley Company

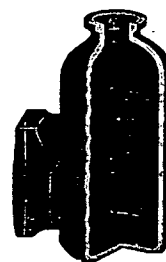
1915 Walnut St., Kansas City, Mo.

Representatives in Principal Cities

Manufacturers of:

Marley Patented Spray Nozzles, Spray Towers, Spray Deck Towers, Spraycoil Towers, Forced Draft Towers, Spray Ponds, Louvre Fence and all Accessories, Atmospheric Heat Exchangers.

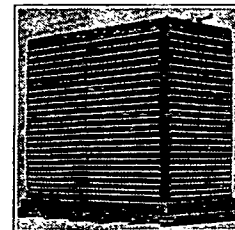
Marley Patented Spray Nozzles—



Furnished in a wide variety of sizes and capacities for service with spray ponds, cooling towers, air washers, brine lofts, aerators, etc. Marley nozzles are of the centrifugal type with a long whirl chamber, free, non-clogging passages and no moving parts. The large venturi inlet is so designed as to impart the proper water whirl, producing a full free break-up at discharge orifice with minimum friction loss. **Marley Bulletin No. 59.**

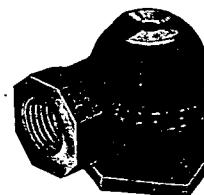
Marley Atmospheric Spray Towers—

Cast iron louvre posts, slip fit red-wood louvres, extremely effective down spray distribution system plus standardization of design, are a few of the outstanding features of this type of Marley cooling tower. Completely shop fabricated and correctly engineered, these towers provide a water cooling unit of rugged construction, good efficiency and low maintenance at minimum cost. **Marley Bulletin No. 68.**

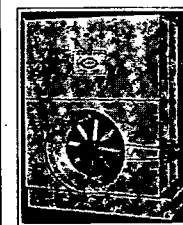


Marley Two-Piece Spray Nozzles—

For air washers, brine spraying, etc. Capacities and angle of spray can be varied over wide limits. All sizes made with removable base plugs and machined internally. **Marley Bulletin No. 59.**



Marley Small Series Forced Draft



Towers—Furnished with steel shells and basins for indoor or outdoor operation. Completely shop fabricated for field assembling. These towers meet such requirements as complete elimination of drift, positive cooling performance regardless of location, extreme thermal efficiencies and quiet operation. Fans, drives, drift eliminators and filling, as well as operating features and efficiency, have been developed by the Marley engineers to a high state of perfection. **Marley Bulletin No. 67.**

Marley Standard Forced Draft

Towers—Obtainable in any desired capacity. Made of either wood or steel. Features include zig-zag eliminators, multiple banked spray filling, double cased shells, fan dampers, cast-iron eased inlet fan rings, adjustable pitch fan blades, flexible and independent operating control of both water and air. **Marley Bulletin No. 80.**



Marley Humidifying Spray Nozzles



—Bronze construction, accurately machined, easily taken apart. Produce fine mist readily absorbed by the air. Easily attached to city water supply. Average room requirement—one nozzle to every 150 sq ft floor space. **Marley Form No. 188.**