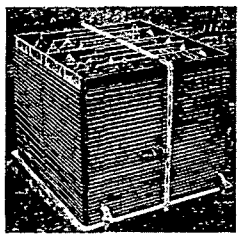
The Marley Company

(Fairfax and Marley Roads,) **Kansas City 15, Kansas**

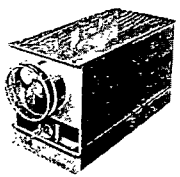
Branches or Agents in Principal Cities

Spray Nozzles and a Complete Line of Water Cooling Equipment



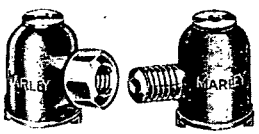
MARLEY NATURAL DRAFT TOWERS

Practically unlimited range of closely graduated sizes, entirely shop fabricated. Minimum initial, maintenance and operating costs. Many exclusive MARLEY advantages. **Bulletins 201 and 202.**



SMALL INDUCED DRAFT TOWERS

Small, self-contained, steel units for 2 to 170 ton service, to go indoors or out. Horizontal air flow. Smaller sizes shipped all assembled. Larger sizes are entirely shop fabricated for fast, simple assembly at the location. **Bulletins 503 and 505.**



MARLEY Small 2-Piece Nozzles for Brine Spraying, Air Washing and Similar uses.



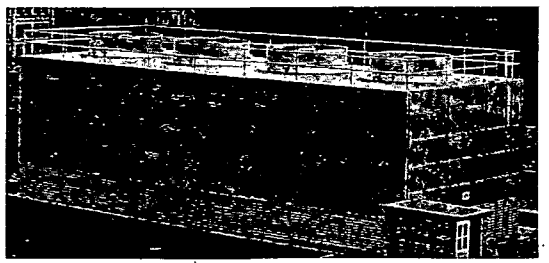
MARLEY 1-Piece Nozzles for Cooling Towers, Spray Ponds, etc.



MARLEY Humidifying Nozzle adds moisture to air in open rooms or duct system.

MARLEY PATENTED NON-CLOG SPRAY NOZZLES

Made in scores of types and sizes. Practically any metal or alloy the purpose may demand. **Bulletins 101, 102 and 103.**



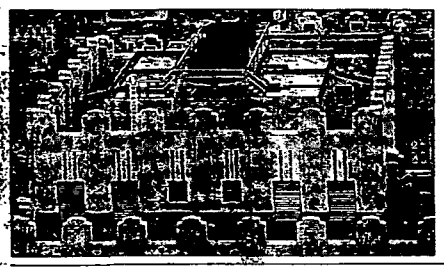
LARGE MARLEY INDUCED DRAFT TOWERS

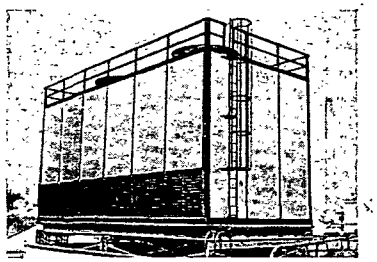
Both Conventional and Double-Flow types, for heavy duty water cooling services of all kinds. Any capacity, with one fan or many, individually engineered to the exact requirements of each installation. MARLEY patents cover a variety of important features for extreme operating flexibility, high efficiency and economy.

Redwood is the standard structural material. Steel, transite and other special materials require much higher priorities for the war's duration.

Conventional Induced Draft (pictured above in steel construction; below right, of Redwood) well adapted to most large capacity services. **Bulletin 603.**

Double-Flow Induced Draft (below left) for unusually large capacity services. **Bulletin 605.**





Also Many Other Types of Towers, Spray Ponds and Related Equipment

Water Cooling Equipment Company

8613 New Hampshire Avenue

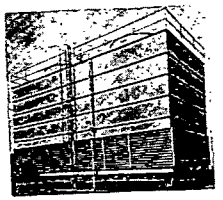
Affton Station, St. Louis 23, Missouri

MANUFACTURERS OF MECHANICAL DRAFT WCEC **AND ATMOSPHERIC COOLING TOWERS**



FORCED DRAFT COOLING TOWER

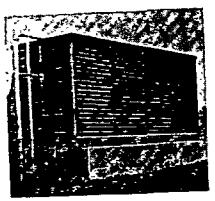
41,500 g.p.m. twenty-two cell, heavy duty, double forced draft cooling tower . . . equipped with twenty-two 12-foot diameter adjustable pitch, propeller type fans.



INDUCED DRAFT

This type of cooling tower is recommended for installations where noise is a prime factor of consideration. The noise of the mechanical items is carried upward and discharged into the air. The mechanical draft cooling tower assures a positive cooling of the water to a specified temperature independent of wind velocity.

REDWOOD "WATERFALL" ATMOSPHERIC SPRAY COOLING TOWER



Factory fabricated and shipped knocked-down with all hardware, spray headers and spray nozzles. Complete erection instructions and drawings are furnished to assist in the assembly of the tower.

These towers are portable and can be knocked-down and moved simply by removing the louvres and bolts. Shipment can be made from stock.

TIMBER JOINT CONNECTOR

Special cast iron timber joint connector used to develop the full strength of the timber joint, an accomplishment almost impossible to achieve by bolting.

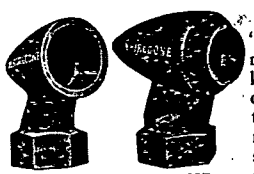


Patent No. 2,280,121



REDWOOD ATMOSPHERIC DECK TYPE COOLING TOWER

SPRAY NOZZLES



Patent No. 2,123,697.

"Whirlcone" non-clogging, low pressure, centrifugal type spray nozzles for spray ponds, spray towers and other uses.

PRODUCTS

Heavy duty forced and induced draft cooling towers, standard induced and forced draft towers, induced draft coil towers, atmospheric deck cooling towers, atmospheric spray towers, spray ponds and spray nozzles.

ENGINEERING

Design and construction are based on sound engineering principles to meet specific requirements for cooling performance and structural strength. Redwood, steel or other suitable materials are used.