EQUIPMENT DIVISION J. F. Pritchard & Company

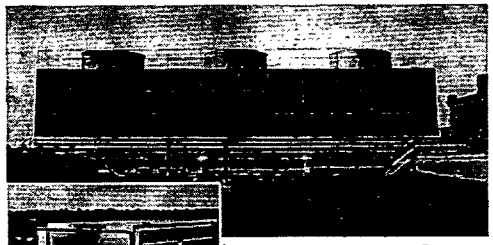
Dept. 85, 908 Grand Ave., **Kansas City 6, Missouri**

HOUSTON, ST. LOUIS, CHICAGO, PITTSBURGH, TULSA, NEW YORK

Representatives in Other Principal Cities

THREE LEADING LINES—COOLING TOWERS, HEATING EXCHANGERS, Gas Equipment for

FIVE MAJOR FIELDS—Chemical, Natural Gas, Petroleum, Power and Refrigeration



Induced Draft Tower for Large Air Conditioning Applications.

COOLING TOWERS

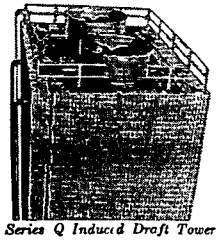
Models for every capacity and application. Guaranteed performance ratings assure trouble-free performance and long life. Many patented features not available in any other tower. Specifications, prices, and ratings furnished promptly, without obligation.



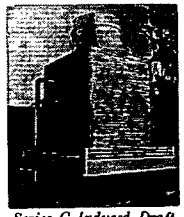
Series H Induced Draft Tower

SERIES H INDUCED DRAFT TOWER—Horizontal flow design. Especially adapted to air conditioning, refrigeration, and industrial heat loads. Steel or Redwood construction. Suitable for roof or ground-level installations. Prefabricated for easy assembly. 30 to 100 tons capacity.

SERIES Q INDUCED DRAFT TOWER—Vertical counterflow model. Especially adapted to air conditioning, refrigeration and industrial heat loads. Suitable for roof or ground level installations. Sizes from 100 to 1500 tons capacity.

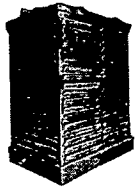


Series Q Induced Draft Tower



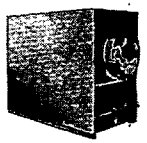
Series G Induced Draft Counterflow Tower

SERIES G INDUCED DRAFT COUNTERFLOW TOWER—Designed for medium capacity industrial applications. Uniform air distribution for maximum cooling effect. 20 to 100 tons. Prefabricated. Redwood or steel construction.



Series SRF Natural Draft Spray Tower

SERIES SRF NATURAL DRAFT SPRAY TOWER—For roof or ground-level installation. Designed for air conditioning and refrigeration installations requiring 3 to 24 tons capacity. Simple bolted assembly. Finest Redwood with steel pipe distribution system. Louvers lift out for easy access to interior. Series SRE Towers for specific heavy duty industrial applications also available.



Series P Packaged Induced Draft Tower

SERIES P PACKAGED INDUCED DRAFT TOWERS—Ideally suited for indoor or outdoor service on small air conditioning or refrigeration installations, as well as for jacket water and air compressor cooling. Shipped "knocked down" or shop assembled. 6 to 20 tons capacity.

Pritchard Accessory Equipment includes: SEALDFLOW* Fan Drive, POWair-SAVER* Fans, Spray Nozzles and Sprinkler Heads, MINIM-ICER* Louvers.

WRITE FOR BULLETINS.

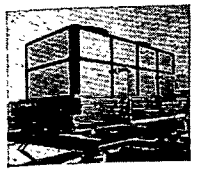
* Registered trade names for specialized equipment produced by J. F. Pritchard & Co.

Water Cooling Equipment Company

8613 New Hampshire Avenue

Affton Station, St. Louis 23, Missouri

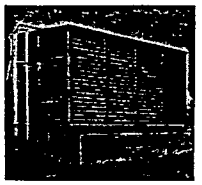
MANUFACTURERS OF MECHANICAL DRAFT AND ATMOSPHERIC COOLING TOWERS



LOW HEAD, INDUCED DRAFT COOLING TOWER

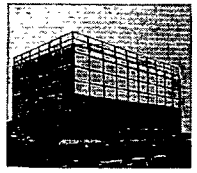
WLH Low Head, Induced Draft Tower with multiple cell arrangement. Monel Metal fan ring, Monel Metal blades and hub are used in the fan Unit. Self-contained, built-in motor located inside fan hub, is used. Motor bearings are factory lubricated and sealed requiring no further lubrication for the life of bearings. Outer casing can be cement asbestos board with contrasting trim strips for fire resistance and improved appearance.

REDWOOD "WATERFALL" ATMOSPHERIC SPRAY COOLING TOWER



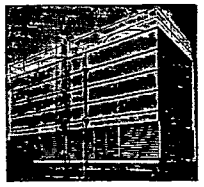
Factory fabricated and shipped knocked-down with all hardware, spray headers and spray nozzles. Complete erection instructions and drawings are furnished to assist in the assembly of the Tower.

These Towers are portable and can be knocked-down and moved simply by removing the louvres and bolts. Shipment can be made from stock. Write for Bulletin 125-A.



INDUCED DRAFT COOLING TOWER

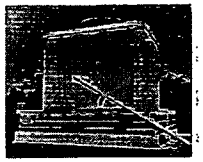
A 7700 gpm Induced Draft Cooling Tower constructed of all heart Redwood which was chemically treated with flame retardant and outer casing furnished of cement asbestos to conform to fire prevention regulations. Equipped with four 168-in. diam. stainless steel, 6-blade, adjustable pitch, propeller type fans.



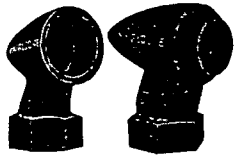
INDUCED DRAFT COOLING TOWER

Two-cell Induced Draft Cooling Tower, constructed of steel, designed to meet building code and fire prevention regulations, which require metal cooling towers.

LOW HEAD, INDUCED DRAFT COOLING TOWER



Redwood WLH Low Head Induced Draft Cooling Tower designed for roof or ground installation. Nail-less grid filling of advanced design and all-bolted construction, is employed. Water is distributed by the gravity-trough system resulting in a very low pumping head. Write for Bulletin WLH-801.



Patent No. 2,123,697

SPRAY NOZZLES

"Whirlcone" non-clogging, low pressure, centrifugal type spray nozzles for spray ponds, spray towers and other uses. Write for Bulletin 76-A.

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.