



The Fluor Corporation, Ltd.

2500 South Atlantic Blvd.
Los Angeles 22, California



District Offices
New York - Chicago - Los Angeles - Houston - San Francisco - Tulsa - Philadelphia - Denver
Representatives

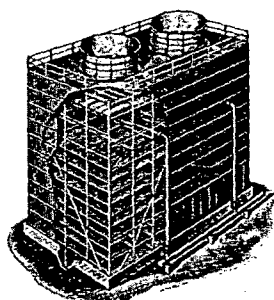
Farrell and Jones, Boston - P. C. McKensie Co., Inc., Pittsburgh - Joseph W. Eshelman & Co.,
Birmingham - Bradbury-Kendrick, Detroit - E. M. Paulin, Inc., Buffalo
George Mellem, Minneapolis

Foreign
Fluor Corp. of Canada, Ltd., Toronto - Head Wrightson Processes, Ltd., London
Fluor Peruana, S. A., Lima
Counterflo Mechanical Draft Cooling Towers—Aerator Natural Draft Cooling Towers

Thirty-four years of intensive development work in research, design, fabrication and erection of cooling towers enable Fluor to offer both natural draft and mechanical draft cooling towers with guaranteed performance, quality construction, and long-life service.

COUNTERFLO MECHANICAL DRAFT COOLING TOWERS

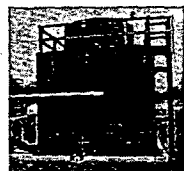
DESIGN: Counter-flow principle of design which enables the greatest possible utilization of available driving force for cooling. Available in a variety of distribution systems, tower heights, and arrangements. Exterior appearance designed to complement modern plants and buildings.



PERFORMANCE. Efficient counter-flow principle provides economy cooling for all services. Costs studies made on individual design conditions dictate the type of tower to be offered from the many available designs. Performance to customer's specifications is guaranteed in every case.

MAINTENANCE: Decking withstands repeated washing and cleaning and the abuse of removing and replacing. Enclosed distribution system eliminates algae growth. Stainless steel fan blades support a man's weight at their tips. Heavy-duty, precision gear units are designed specifically for the conditions peculiar to cooling tower operation.

MANUFACTURE: Completely prefabricated. Tower structure based on 4 in. x 4 in. members with fan and gear supported on structural beams. Two-inch redwood in fan deck and stack. Internal gusset plate and bolt-type structural joints take both tension and compression loads. Over 250 tower sizes and combinations are furnished from only 258 prefabricated parts to enable fast delivery and erection.



FLUOR COOLING TOWERS FOR AIR-CONDITIONING-REFRIGERATION SERVICE

The new FLUOR SERIES L.H. is a small, compact cooling tower designed expressly for the air-conditioning and refrigeration industries. The height of the top deck above basin is less than eleven feet on all models. This low height is accomplished by the use of extended surface packing, and the advantages of counter-flow cooling are maintained. Construction is normally of Select Heart and Clear All Heart redwood with sheathing of double-walled redwood or inner redwood with asbestos cement board outer.

Ten different models are available ranging from 150 to 1500 tons of refrigeration. This "package unit" meets the same high standards of performance, quality of construction, prefabrication and long-life service that are embodied in the larger Fluor Counterflo Towers. Write for Details.

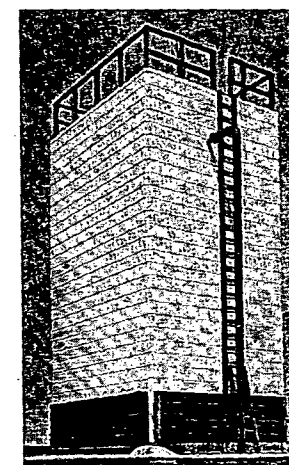
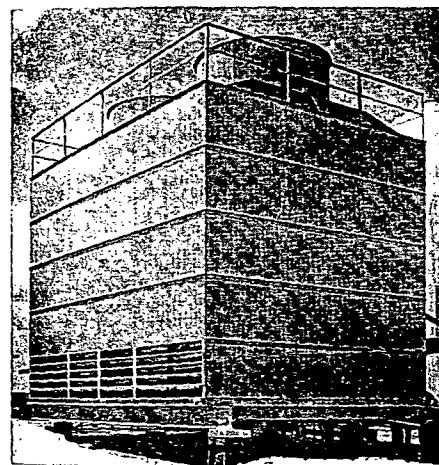
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Lilie-Hoffmann Cooling Towers, Inc.

Exclusive Builders of Cooling Towers Since 1898

1450 So. Vandeventer Ave., St. Louis 10, Mo.

Two Modern Plants—St. Louis, Mo., and Plainview, Texas

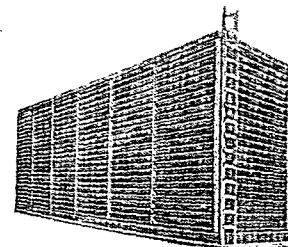


INDUCED DRAFT TOWERS

New type filling reduces static pressure. Filling consists of slats, assembled in grids. Slat arrangement insures maximum wetted surface, minimum pressure drop of air flowing through tower packing, and uniform distribution of water and air over the entire effective area within the tower. Gravity distribution system requires only one riser pipe. Teco timber connectors develop 100 per cent working stress of members. Normally constructed of selected California redwood. All fans furnished by Lilie-Hoffmann are P.F.M.A. tested and certified.

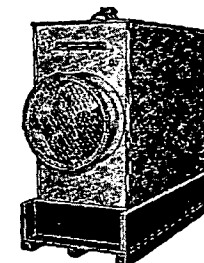
ATMOSPHERIC SPRAY TYPE

Generally offered in capacities up to 3000 gpm. Distribution by galvanized pipe header with smaller lateral arms, equipped with non-clogging spray nozzles. Water atomized as finely as possible. Sides and ends of towers equipped with narrow louvres, which fit into mast slots—no nails required. Recommended where cost is prime factor; and close approach to wet bulb is unnecessary.



HORIZONTAL DRAFT (Package Type)

Designed specifically for 4 to 100 ton refrigeration installations. Structure and basin of California Redwood. Sides of corrugated and flat cement asbestos sheets with stainless steel trim; no painting required. Distribution of splash gravity type, non-sag, non-warp removable filling.



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