



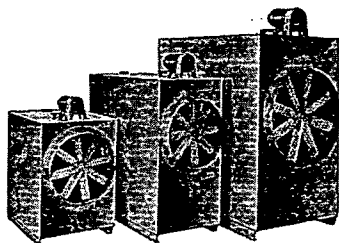
Halstead & Mitchell

Bessemer Bldg., Pittsburgh 22, Pa.

Plant: Zelienople, Pa.

One of the world's largest manufacturers
of CLEANABLE, WATER-COOLED CONDENSORS

COOLING TOWERS



A Cooling Tower for all applications—from 5 to 50-ton capacities—all to strict Halstead & Mitchell "Built Like a Battleship" specifications.

HOUSING: 10 gage ($\frac{1}{2}$ in. +) sheet-steel case with special weather-proof paint on outside. Cabinet is electrically welded.

WATER DISTRIBUTION:

Efficient gravity-type distributing pan eliminates extra pumping head, cuts down windage losses due to atomizing of water.

DRIVE—STAINLESS STEEL Shaft:

Ball-bearing grease-sealed fan bearings with grease fitting brought to outside of cabinets. Cast iron bearing supports. Adjustable belt tension.

FANS: Quiet - operating, high - pressure, STAINLESS STEEL, multi-bladed, using 8 blades or more.

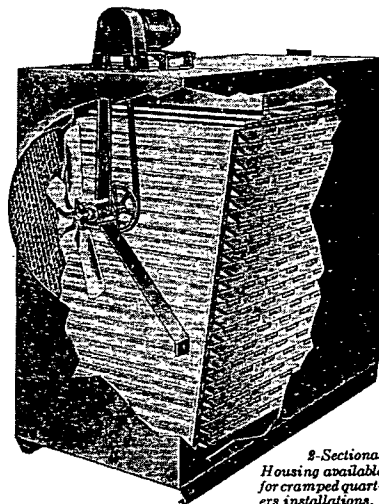
COMPLETE ASSEMBLY: All bolts used are Everdur for ease of disassembly after years of service. Easily accessible for cleaning through inlet on back of tower.

20-YEAR GUARANTEE ON THE WETTED DECK SURFACE

Halstead & Mitchell's use of Koppers pressure-treated wetted deck surface exclusively, makes possible a 20-year guarantee against rotting—and provides an effective deterrent against fungi growth.

MOTOR: Special weatherproofed and splashproof—for all weather conditions.

SPECIAL NOTE: All towers deliver 300 cfm of air per ton @ $\frac{3}{8}$ in. static pressure.



Cooling Tower No.	Nominal Rating (Tons)	Dimension (Inches)			Pipes Sizes			Motor		Air Inlet Ht X Width	Shipping Weight	Wetted Weight
		Length	Width	Height	In	Out	Over Flow	Fan Dia.	HP RPM			
CT 500	5	43½	29	42½	1½	1½	1	24	¾ 1725	26½ X 27¼	500	875
CT 750	7½	43½	29	58	2	2	1½	24	¾ 1725	42 X 27¼	745	1140
CT 1000	10	61	29	58	2	2	1½	24	¾ 1725	42 X 27¼	990	1515
CT 1500	15	75½	29	63	2	2	1½	24	¾ 1725	47 X 27¼	1210	1850
CT 2000	20	76	44	76	•	•	1½	36	¾ 1725	54 X 42	1800	2730
CT 2500	25	76	44	76	•	•	1½	36	¾ 1725	54 X 42	2000	2950
CT 3000	30	100	44	76	•	•	1½	36	1 1725	54 X 42	2400	3590
CT 4000	40	101	72	76	•	3¼	2	42	1 1725	54 X 42	3500	5500
CT 5000	50	125	72	76	•	3¼	2	42	1½ 1725	54 X 42	3950	6400

2, 3, 75 and 100-ton cooling towers are also available. Write for specifications.

* Open Type Distribution Pan. Capacity 78 deg. Wet Bulb

In larger towers, open-type pan allows bringing inlet water through the center, providing better distribution over entire pan. Remote water basins may be had for basement installation for year around operation even during freezing weather.

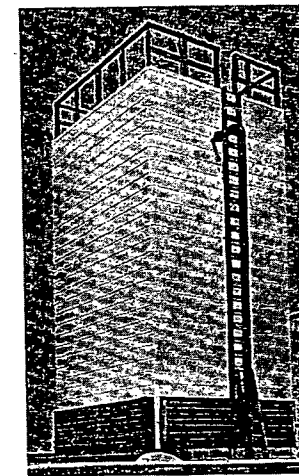
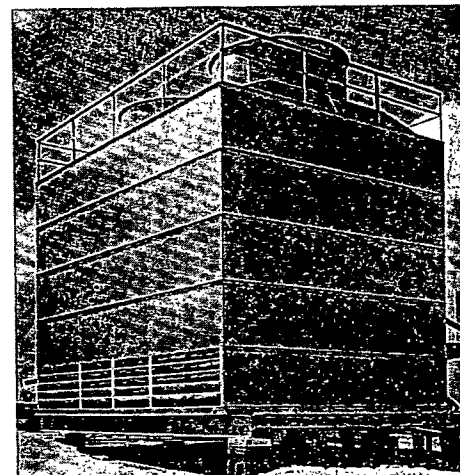
Send for complete Descriptive Bulletins on Cooling Towers and Condensers.

Lilie-Hoffmann Cooling Towers, Inc.

Exclusive Builders of Cooling Towers for 53 Years

4239 Duncan Ave., St. Louis 10, Mo.

Two Modern Plants—St. Louis, Mo., AND PLAINVIEW, TEXAS

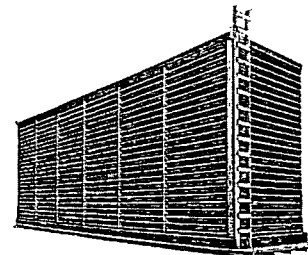


INDUCED DRAFT TOWERS

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 louvers, 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 60 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.

