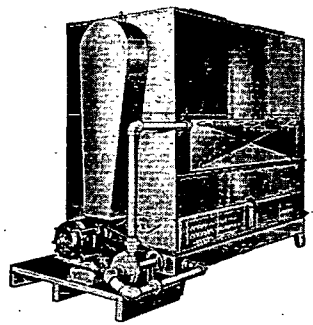
Marlo Coil Co.

6135 Manchester Ave., St. Louis 10, Mo.

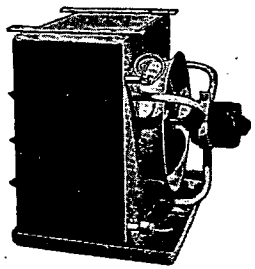
Manufacturers **MARLO = HEAT TRANSFER** Since 1925 Equipment

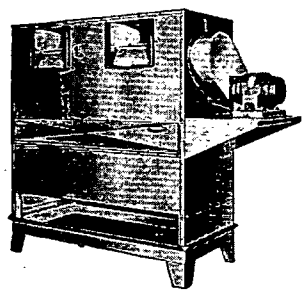
Industrial Coolers — Unit Coolers — Evaporative Condensers — Low Temperature Units — Air Conditioning Units — Heating and Cooling Coils — Cooling Towers — Diesel Engine and Oil Evaporative Coolers.



COOLING TOWERS

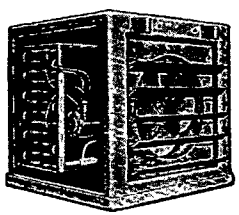
Triple-Type: Induced Air — Wetted Surface —Water Spray. Compact in space, weight and price. Outdoor—Indoor—3 to 50 tons—Built sectionally. Write for *Bulletin* 406.

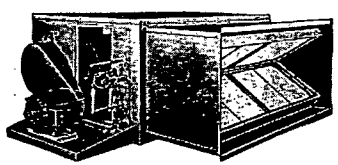




EVAPORATIVE CONDENSERS

3 to 100 tons—All refrigerants — All prime surface coils—No fins —Quiet—Motor Unidrive. Indoor or outdoor units—Durable construction. Write for *Bulletin* 404.



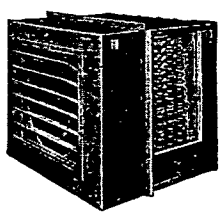


INDUSTRIAL COOLERS

15 unit sizes—1000 to 24,000 cfm—Floor type. Galvanized frame and pans—Sectionally built. Variables: (1) Rows of coil and fin spacing. (2) Circulating brine spray or dry coil. (3) Defrost sprays optional. (4) All Refrigerants. Write for *Bulletin* 403.

UNIT COOLERS

Pull-through (DUC) and Blow-through (UC) types —for all refrigerants. 11 unit sizes—4 and 6 row coils—full range of capacities. 675 to 4160 cfm—Venturi fan ring—Deflector louvers. Sturdy—Economical—Quiet. Also Wall Panel Type. Write for *Bulletins* 412 and 392.



AIR CONDITIONING UNITS

Cooling — Heating — Dehumidifying — Humidifying. 10 sizes—3 to 35 tons—900 to 13,000 cfm. Noise level ratings—Ceiling suspended or floor types. Write for *Bulletin* 409.

(U.S. Patent 2266373)

BLAST COILS

Air conditioning—Industrial Refrigeration —Heating. Any material—All refrigerants—Every application. "BALL-BONDED"—mechanically expanded tubes to fins. Write for *Bulletin* 396.

ELECTRIC DEFROST LT UNITS

Compact ceiling type—High capacity—Low cost. 7 sizes—Ammonia or Freon—½ to 2½ tons at 12 deg TD. Defrosted electrically. Quickly installed—Sectional doorway-sized. Write for *Bulletin* 408.

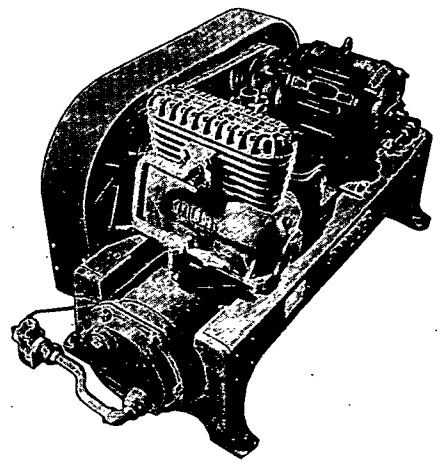
MILLS *Industries, Incorporated*

Refrigeration Division 4100 Fullerton Avenue · Chicago 39, Illinois

Mills Compression Equipment for Air Conditioning • Commercial and Industrial Refrigeration

COMPRESSOR

2½ in. x 3 in. four cylinder, vertical, single acting, reciprocating type . . . heavy, one piece alloyed semi-steel cylinder block and crankcase . . . oil sight glass . . . alloy semi-steel pistons, two compression rings, one oil ring . . . hardened piston pins . . . drop forged steel connecting rods . . . bronze piston pin bearing . . . bronze main bearings . . . exclusive Mills design shaft seal.



CONDENSING UNIT

Base of cast iron ends and formed steel sides . . . shell and tube type receiver condenser with removable heads and leak alarm fittings . . . complete with automatic water valve, starting box, low pressure control with high pressure safety cut-out . . . complies with Underwriters' specifications . . . dynamically balanced and non-vibrating, light in weight, compact, requiring a minimum of floor space. Mills Condensing Units are economical to operate and maintain. Condensing units are shipped ready to operate. No special foundations are necessary.

APPLICATIONS

Refrigeration in air conditioning applications for comfort, food preservation, and industrial uses for processing and testing. Compactness of condensing units make them ideal for self-contained applications.

ENGINEERING

Mills Industries, Incorporated maintain an engineering test laboratory as a service to their customers, equipped with three hot rooms, calorimeter, indicating and recording, pressure and electrical instruments and all apparatus necessary for a thorough analysis of the use of condensing units to any manufacturer's product or field applications.

CAPACITIES AT 40° F SUCTION GAS

Size	RPM	Displacements CFM	Capacities in BTU	Width	Depth	Height	Net Weight
5 hp	480	16.37	65000	63"	29½"	32"	895 lb
7½hp	700	23.86	90500	63"	29½"	32"	945 lb
10 hp	890	30.34	125000	63"	30"	34"	1050 lb

Air cooled models from ¼ to 3 hp.
Water cooled models from ½ to 10 hp.

All models are designed for use with Freon-12 or Methyl Chloride refrigerants for low, standard, and high back pressures, for operation throughout the complete range of temperatures.

Compressors are designed for low head temperatures and high volumetric efficiency.

Condensers are matched to the performance ranges of each compressor.

A Member of the Mills Field Organization Is Near You And at Your Service