

Clarage Fan Company

Kalamazoo, Michigan

Sales Engineering Offices in All Principal Cities (Consult Telephone Directory)

CLARAGE

AIR HANDLING AND CONDITIONING EQUIPMENT

For Nearly a Quarter Century Clarage has been a leading manufacturer of air handling and conditioning equipment. There is a Clarage fan, unit or system to meet every need, from the simplest ventilating or cooling job to the most exacting temperature and humidity control installation.

Whatever your ventilating, unit heating, cooling, air cleaning, humidifying, dehumidifying or complete air conditioning problem, Clarage can meet your requirements successfully and economically.

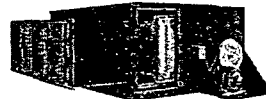
The Experience of Clarage Engineers covers almost every conceivable type of installation, commercial, industrial and public building. Clarage equipment is used in the largest industrial plants, office buildings, auditoriums, theatres, hotels, restaurants, retail stores, hospitals, churches and schools. And lately to the Clarage line has been added the Duotherm, a complete air conditioning unit for fine homes.

Clarage Vortex Control System is an important development in air conditioning. It delivers only the volume of conditioned air required by the sensible heat load existing at any given time. Compared to the conventional system, first and operating costs are definitely lower.

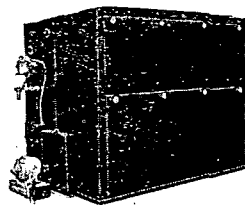
Architects, Engineers and Contractors will find our service specially helpful. This Company is an independent manufacturer, and to specify and use our apparatus does not involve any binding agreements or license fees whatsoever. Your inquiry for complete data on any Clarage product is invited.



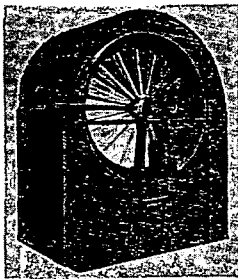
Vortex Control System for commercial and industrial conditioning



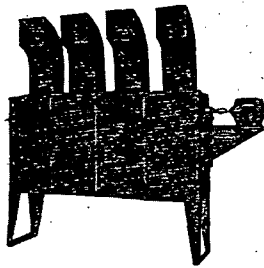
Modutherm Unit, complete conditioning plant designed for ceiling or wall installation



Duotherm Unit, complete conditioning plant for fine homes, installed in basement



Type HV Ventilating Fan with Clarage Vortex (constant speed) Volume Control



Unitair Unit Heater with Syncotherm Control as standard equipment



Unit Air Conditioner for small space conditioning, very accurate

McQuay, Incorporated

1600 Broadway, N.E., Minneapolis, Minn.

UNIT HEATERS — BLAST HEATERS — CONVECTION RADIATION
AIR CONDITIONING COILS — EVAPORATOR COILS — UNIT COOLERS

AIR CONDITIONING — BLAST COILS

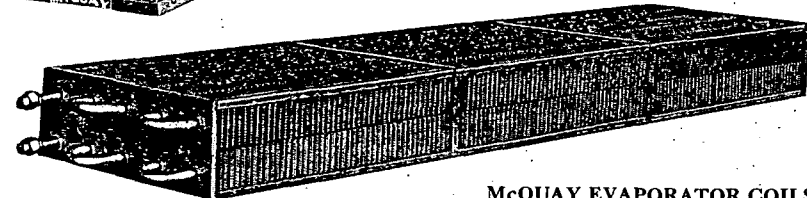
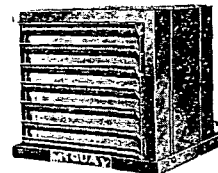
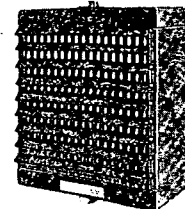
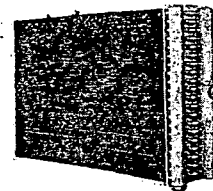
McQuay All Copper Coils for Air Conditioning, Central Fan Heating, and for all commercial drying purposes are the result of our many years of experience in the manufacture of heat transfer surfaces. Constructed entirely of copper they are non-corrodible, light in weight, and compact, affording quick economical installation. Specially designed fins are attached to the round seamless tubes under hydraulic expansion, forming a permanent frictional contact between tube and fin, without the use of solder, unaffected by constant expansion and contraction. Tubes are properly orificed permitting a uniform distribution of steam or water into each tube. Tubes are brazed, by special process to round, heavy gauge, drawn copper tube headers, insuring a lasting and trouble-free heat transfer surface. The completed unit is encased in a heavy gauge galvanized housing with provisions for simple and economical duct connections. Since most applications of coils for Air Conditioning and process drying are of a special nature, we offer the assistance of our Engineering Department in solving your various problems.

McQUAY UNIT HEATERS

McQuay Unit Heaters are scientifically designed, engineered, and employ a heating element of the same design as the Air Conditioning and Blast Heater coils. McQuay Unit Heaters are available in twenty sizes ranging from 80 to 2000 sq. ft. of direct radiation making it convenient to select the proper size heater for any heating requirement.

McQUAY UNIT COOLERS

Available in five sizes for Meat Markets, Walk-In Coolers, and Truck Refrigeration. Especially adapted for beer keg cooling compartments, for use with all types of refrigeration machines using methyl chloride, sulphur dioxide, and other similar refrigerants. McQuay Unit Coolers are fabricated entirely of non-corrosive materials. Heat transfer coil is made of tinned copper tubing with aluminum fins with a ratio of secondary to primary surface of approximately 5 to 1, hydrostatically tested at 1000 lb. pressure.



McQUAY EVAPORATOR COILS

McQuay coils are designed for practically all phases of commercial refrigeration. Fins made with a special spun collar hydraulically attached to tinned copper tubes, forming a permanent frictional contact between tube and fin, without the use of solder, and unaffected by constant expansion and contraction. All joints are brazed, assuring against leaks ordinarily occasioned by soldered joints. McQuay method of manufacturing makes possible a flexible line of special coils tailor-made to fit your specific requirements. McQuay coils for ammonia installations are also available for all purposes.

Bulletins descriptive of all McQuay products available upon request