Carrier Engineering Corporation

Atmospheric Conditioning Corporation

Offices and Laboratories: 750 Frelinghuysen Ave.

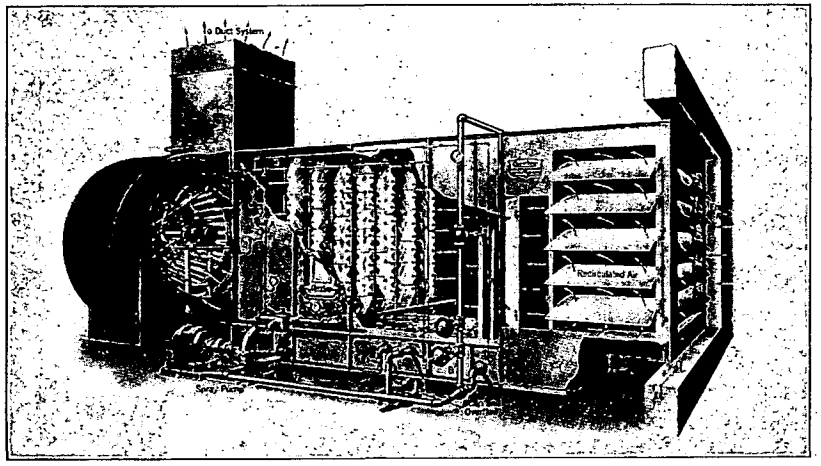
Newark, N. J.

BOSTON, 176 Federal Street — NEW YORK, 39 Cortlandt Street — CHICAGO, Burnham Building
CLEVELAND, Union Trust Building — PHILADELPHIA, Land Title Building
KANSAS CITY, Manufacturers Exchange Building — LOS ANGELES, 911 Mateo Street

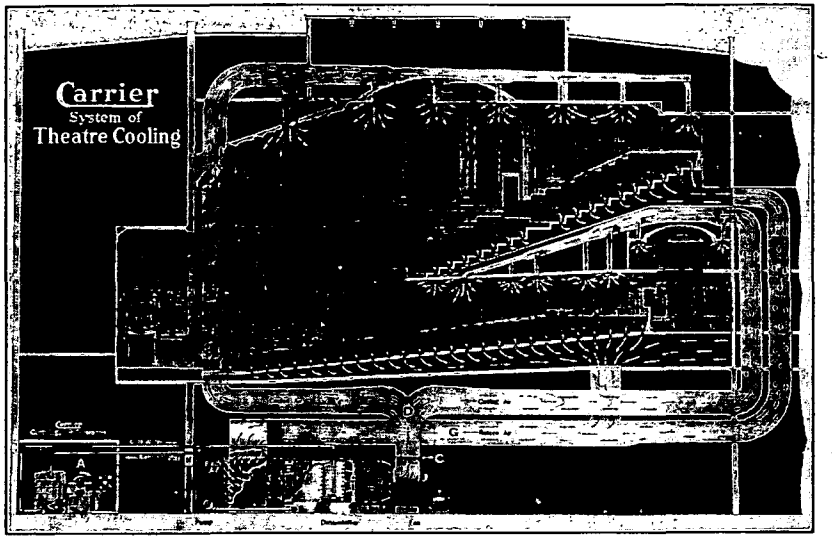
Engineers, Manufacturers, Contractors, specializing in the design and installation of automatically controlled Air Conditioning Equipment, Heating, Cooling, Ventilation, Humidification, Dehumidification, and the scientific application of Conditioned Air in Drying and Processing. Manufactured Weather to make "Every day a *good* day."

Air Conditioning Systems—Especially designed for Textile Mills, Candy Factories, Bakeries, Flour Mills, Drug and Chemical Plants, Printing Plants, Packing Plants, Laboratories, Theatres, Public Buildings and for numerous other industries where there are requirements for clean air uniformly distributed and automatically controlled at any desired condition of temperature and humidity. Equipment, workmanship and results are guaranteed. *Ask for Bulletin 50G or request specific information.*

Drying and Processing Equipment—The Carrier Ejector System of air circulation has been found almost universally and ideally adaptable to all drying and processing operations. By the ejector principle, all of the air within the drying room is set into uniform circulation over the material being treated. Drying rates and schedules are subjected to control by Carrier automatic instruments. The system is adaptable to periodic rooms or continuous tunnels. *Write for information on specific applications.*



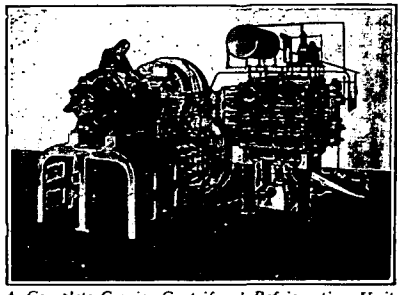
A Typical Carrier Humidifier or Dehumidifier showing the automatically controlled fresh and return air dampers, the spray chamber with pumping and water heating equipment and, on the left, the fan which delivers the air to the duct system



Cross Section of a Typical Theatre Equipped with a Carrier System for Cooling, Dehumidifying and Purifying the Air in Summer and Warming, Humidifying and Purifying the Air in Winter. Note the use of Carrier Centrifugal Refrigeration in connection with this equipment.

Cooling and Air Conditioning in Public and Private Buildings—With a background of more than twenty years of experience in the design and application of Air Conditioning equipment, the Carrier Organization has logically led in applying this science to the maintenance of conditions of physical comfort of people congregated within buildings. In Theatres, Auditoria, Hospitals, Hotels, Department Stores, Office Buildings, Factories and Mansions it is now possible to maintain ideal conditions of physical comfort, regardless of seasons or outdoor weather. Winter conditions require humidification and heating. In Summer, cooling and dehumidification must be accomplished. Numerous Carrier installations are producing the desired conditions unfailingly. We are at all times pleased to cooperate with Architects, Engineers and Builders in the design and installation of Air Conditioning equipment within buildings under their direction. *Write for the book, "Theatre Cooling"–G.*

Carrier Centrifugal Refrigeration—This system is an innovation in the production of cold. The refrigerant is a harmless, inoffensive liquid. The compressor is a simple centrifugal unit similar in construction and operation to a centrifugal pump. Control is automatic. Space requirement one-quarter that of any other system. This system is used in connection with all of our cooling and dehumidifying installations. Complete safety and simplicity of operation are assured. *Details on request.*



A Complete Carrier Centrifugal Refrigeration Unit. Capacity of this Unit 200 Tons