Niagara Blower Company

General Sales Office: 405 Lexington Ave. **New York 17, N.Y.**

CHICAGO—5: 37 W. Van Buren St. BUFFALO—7: 673 Ontario St. SEATTLE—4: 305 Lowman Bldg.
District Engineers in Principal Cities of U. S. and Canada

Over 35 Years' Experience in Industrial Air Conditioning, Liquid Cooling and Air Drying

NIAGARA AIR CONDITIONING SYSTEMS

For human comfort and for all industrial applications requiring controlled conditions of temperature, relative humidity, air purity and air movement.

NIAGARA AIR CONDITIONER, TYPE A, AND CONTROLLED HUMIDITY METHOD USING HYGROL LIQUID ABSORBENT

High precision apparatus using saturation to obtain control of R. H. to 1 per cent for laboratory work and control of hygroscopic materials. Ask for *Bulletin 122.*

NIAGARA AIR CONDITIONER, TYPE C

A year around air conditioning unit providing heating and humidifying or dehumidifying. Ask for *Bulletin 80.*

NIAGARA FAN COOLER AND DISK FAN COOLER

For comfort cooling, process cooling, low temperature storage for dairies, fruits, meats, food products, fur storage vaults, etc. *Bulletin 72.*

NIAGARA SPRAY COOLER

For all cooling applications requiring high humidity or high capacity in small space. Ask for *Bulletin 110.*

NIAGARA "NO FROST" SYSTEM

Using Niagara "No Frost" Liquid in spray coolers, prevents frosting of cooling coils, automatically keeps spray solution at proper concentration, gives freedom from brine troubles, corrosion. Constant, efficient operation. Temperature to −100° F. Ask for *Bulletin 105* (Food) or *Bulletin 95* (Industrial).

NIAGARA AEROPASS CONDENSER (Illustrated)

Saves power and water cost utilizing atmospheric air to remove heat of condensation. Patented Duo-Pass prevents scaling, saves power. "OILOUT" positively removes oil and dirt from refrigerant lines, assuring always full capacity. Balanced Wet Bulb Control assures operation of refrigeration plant at minimum head pressure regardless of weather or load conditions. Capacities up to 400 tons refrigeration. Ask for *Bulletins 103* and *111.*

NIAGARA "DUAL" COOLERS

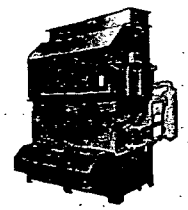
Simultaneously cools a room and furnishes chilled water as a refrigerant. Saves equipment cost, operating expense. Patented. Ask for *Bulletins 70.*

NIAGARA AERO HEAT EXCHANGER

For cooling industrial liquids, water, oils, solutions, chemicals, compressed air and gases, with Niagara "Balanced Wet-Bulb" temperature control to improve efficiency and obtain precise results. Patented (U. S. Nos. 2,296,946 and R. I. 22,553). Ask for *Bulletin 120.*

NIAGARA INDUSTRIAL LIQUID COOLER

Furnishes refrigerated water or aqueous solution in any quantity up to 220 gpm. Positive control of temperature regardless of load variation. Delivers "sweet" water at 33° F without danger of freezing damage. Ask for *Bulletin 104.*



Niagara Aeropass Condenser with "Oil out" and Balanced Wet Bulb Control

NIAGARA FAN HEATERS AND HIGH PRESSURE STEAM FAN HEATERS

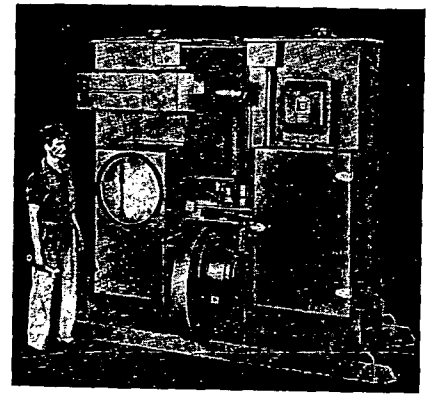
For heating and ventilating large areas. Units of the highest quality in engineering, material and workmanship. Ask for *Bulletins 73 and 109.*

NIAGARA MOTOR BLOWERS

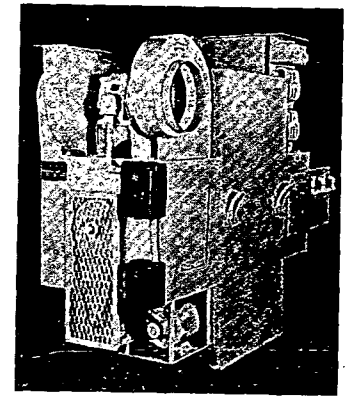
One, two and three-fan units. High and low static pressure models. Ask for *Bulletin 89.*

Pittsburgh Lectrodryer Corporation

Foot of 32nd Street **Pittsburgh, 30, Pa.**



This machine protects equipment in storage by maintaining a relative humidity of 35 per cent or lower.



Small automatic air conditioning type LECTRODRYER used for providing lowered relative humidities.

FOR INDEPENDENT CONTROL OF DEHUMIDIFICATION IN COMFORT AND INDUSTRIAL AIR CONDITIONING

The results of years of experience in the independent control of industrial dehumidification are now available for comfort air conditioning in the form of sturdy, dependable, thoroughly tested machines for controlled adsorption dehumidification.

LECTRODRYER equipment using Activated Alumina, a solid adsorbent, is widely used in maintaining lower than normal relative humidities in the chemical, pharmaceutical and other industries.

In comfort air conditioning these machines handle the latent heat load with only the sensible heat load left for refrigeration or water cooling. With this type system, only the air needed for the sensible heat load is cooled and no reheat is required.

Machines are available for steam, gas or electric operation, whichever the purchaser specifies. Standard machines are available in several sizes ranging from 350 cfm upward.

LECTRODRYERS are shipped complete as self-contained automatic units in that they require no regular manual attention except for starting. They are built for continuous operation with reactivation being carried on simultaneously with the drying operation.

Write for full details.