

NIAGARA AIR ENGINEERING EQUIPMENT

NIAGARA HIGH PRECISION AIR CONDITIONERS

Complete function air conditioning for the most exacting duty, producing any condition in the range 40°F to 140°F. Provides air at saturation. Provides, also, sub-freezing dew point temperatures when Niagara "No Frost" Liquid is used in the spray chamber.

Accurate Humidity Control Using Hygrol Absorbent Liquid

Low dew points under accurate and automatic control are produced by spraying Hygrol Liquid absorbent in the air stream. Hygrol is a liquid, not a salt solution; its use avoids corrosion and maintenance troubles. Automatic reconcentration provides continuous operation.

NIAGARA "NO FROST" METHOD

For refrigeration with control of temperatures and humidity with complete freedom from frost and defrosting interruption and sustained full capacity in temperature ranges 32°F to minus 100°F. Uses Niagara "No Frost" Liquid automatically reconcentrated.

NIAGARA AERO HEAT EXCHANGERS

For the cooling and accurate control of temperatures of liquids and gases, without refrigeration and independent of a supply of cooling water, in the range 160°F down to 85°F at 75°F. Wet Bulb Atmospheric Temperature.

Vapor Condenser

Independent of a supply of condensing water. Takes advantage of changes in atmospheric wet bulb temperature to maintain a high vacuum. Successfully applied to distillate and reflux cooling, also, refrigerant condensers.

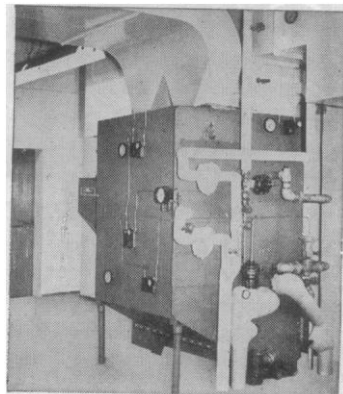
Aero After Cooler

Independent of cooling water supply. Produces compressed air or gas with lower moisture content than is possible with average surface water cooling.

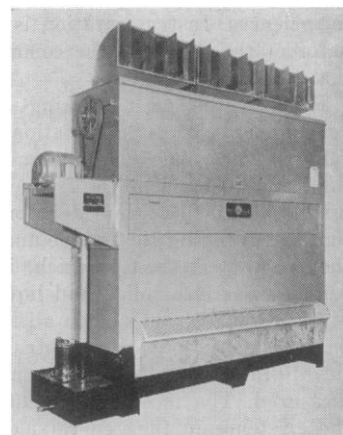
Write for bulletins describing the uses of these and other Niagara units and for physical and engineering data. Your inquiry is asked on matters involving equipment in the fields of heat transfer and air engineering and for laboratory air conditioning.

NIAGARA BLOWER COMPANY, Dept. SW, 405 Lexington Ave., New York 17, N. Y.

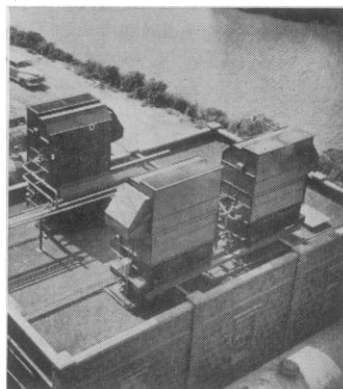
Field Engineers in Principal Cities



Air Conditioner



"No-Frost" Spray Cooler



Vapor Condensers