CRANE

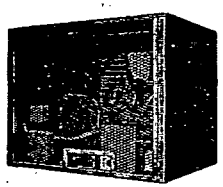
Air Conditioning and Refrigeration Division

Miami, Oklahoma

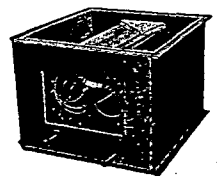
Capitolaire

Wherever there is a building to be air conditioned, there is Crane equipment that will do the job best. With nearly a quarter of a century of experience in air conditioning, Crane has learned how to eliminate the major problems of the industry—by quality workmanship and dependable components.

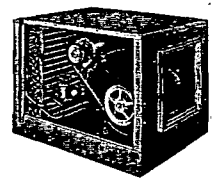
Motors, valves and controls are selected from the most dependable manufacturers with assurance, both domestically and abroad, that replacement parts are readily available. Cabinets are made in our own shops. They are finished to provide adequate rust inhibiting qualities as specified by our staff of research engineers.



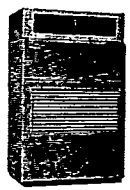
Capitolaire **Air Cooled Condensing Unit.** Residential models in 2, 3 and 5 ton capacities, for outdoor installation, require no cooling water. Weather-conditioned cabinet has dark green corrosion-resistant finish.
Model RAL



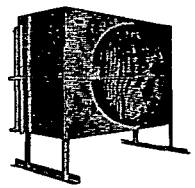
Capitolaire **Evaporator Coil Assembly.** Cooling Coil unit for installation in furnace plenum for home cooling. Available in 2, 3 and 5 ton capacities. Vertical upflow of cooled air.
Model A.



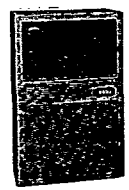
Capitolaire **Air Handling Unit.** Complete, air cooling unit containing both coil and blower for use independent of heating system. Horizontal air flow. Capacities: 2, 3 and 5 tons.
Model FB.



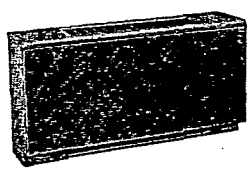
Capitolaire **Packaged Air Conditioner.** Completely packaged system, ready for installation in all popular commercial sizes. Air cooled or water cooled condensers. Capacities: 3, 5, 7.5, 10, 15, 20, 25 and 30 tons. Models PW (water cooled) and PA (air).



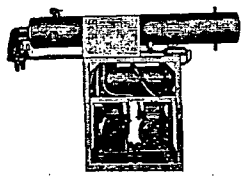
Capitolaire **Air Cooled Condenser Assembly.** High capacity condenser with propeller fan for economical air cooling. Capacities: 3, 5, 7.5, 10, 15, 20, 25 and 30 tons.
Model CA.



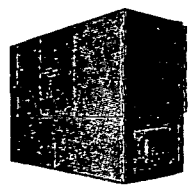
Spotaire **Fan-Coil Unit.** For individual room heating and cooling, air conditions with hot water in winter, chilled water in summer. Recessed and free standing for home, motels, offices, etc. Sizes: 150 and 300 cfm.
Model VRS.



Spotaire **Fan-Coil Unit.** Free-standing or concealed models for summer and winter air conditioning. Provides individual room control. Sizes: 200, 300, 400 and 600 cfm. Used in hotels, hospitals, institutions.
Model VER.



Capitolaire **Packaged Water Chiller.** Provides chilled water for use with fan coil units. Utilizes piping system from boiler. Water, air or evaporative cooled condenser. Capacities: 7.5, 10, 15, 20, 25 and 30 tons.
Model CHL.



Capitolaire **Central Station Air Conditioner.** Available with water, air, or evaporative cooled condenser in nine sizes: 7.5, 10, 15, 20, 25, 30, 40, 50 and 60 ton capacity.
Model CEN.

Dollinger Corporation

PROTECTOMOTOR STAYNEW FILTERS

6 CENTRE PARK • ROCHESTER 3, N. Y.

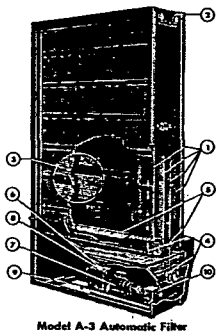
Filters for Building Ventilation, Air Conditioning, Engine Intake, Pipe Lines and Many Other Special Applications

REPRESENTATIVES IN PRINCIPAL CITIES

STAYNEW MODEL A-3 AUTOMATIC FILTER

An endless curtain type oil-bath filter for handling large volumes of heavily dust-laden air at low cost. The efficiency of Staynew Model A-3 is outstanding among mechanical self-cleaning filters.

Patented, exclusive Staynew Compressed Air Curtain Cleaners (5) are available for special conditions.



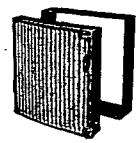
Model A-3 Automatic Filter

SPECIFICATIONS

Model A-3 Filters are sectional and may be bolted together to obtain any required capacity. Sections come in two widths, 4 ft. 3 in. and 2 ft. 9 in. Curtain drive and control mechanism (6) arranged either as an integral part of filter unit or for remote mounting, includes a ⅓ hp motor (7) driving through a reduction gear and a momentary contact time switch (8) for testing and checking curtain travel and compressed air control. All are mounted on a common base plate (9) on clean air side of filter. Shear pin (10) is provided for protection of moving parts from accidental damage. Drive Motor operates for a few seconds at 15 minute intervals, and compressed air curtain cleaners can be arranged to operate simultaneously.

Write for Bulletin 500.

STAYNEW PANEL TYPE FILTERS



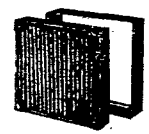
Model WKE Panel and Frame

Model WKE: Dry-type finned panel filter for use in ventilation and air conditioning systems. Extremely large filtering area in relation to overall size. Adaptable to wide variety of filtering media—in fact, almost any medium obtainable in sheet form that can be crimped. Steel mesh on both sides of medium prevents sagging and makes the WKE fire-resistant (models available to meet Class I Fire Underwriters approval), and cleanable without possible damage from vacuum cleaning tool or cleaning nozzle. It may also be washed or dry cleaned when and if necessary. There are no cross bars, spacer bars, or other obstructions to interfere with the cleaning operation. Unaffected by temperature changes.

Filter cells are held in rigid box-type supporting frames of heavy gage metal by spring-loaded cam-type locking latches. Two lifting handles are provided on each cell. Filtering medium supplied already crimped and cut to size. It may be inexpensively replaced in 2 to 5 minutes right at the filter bank—no special tools required.

Frames are drilled so that they can be riveted together to form a flat bank, or by the addition of angle uprights into a "V" or staggered arrangement.

Write for Bulletin 600.



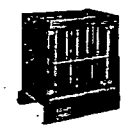
Viscous Model DPV Panel and Frame

Viscous Panel (Model DPV): A permanent type panel for air conditioning systems used in heavy duty industrial service. Filtering media consist of a series of layers of crimped galvanized screen cloth and woven mesh. These media when coated with PD-10 Pingene Filter Oil form an unusually efficient filter. Model DPV filters are cleaned easily with live steam or by washing in a suitable solvent. Spring-loaded locking latches and lifting handles are provided as in Model WKE.

Both Model WKE and DPV cells are furnished in 2 in. and 4 in. depths in various standard sizes.

Write for Bulletin 700.

ELECTRONIC FILTERS



1200 CFM Electro-Staynew Air Cleaner

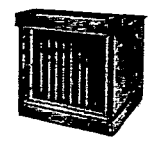
Electro-Staynew Air Cleaner: Ionizer and Collector Cell built into one compact unit. Highly efficient—removes 90 percent of all air-borne dirt, including smoke, dust, pollen, oil mist. Available in single units of 1200 and 1800 cfm; any capacity in multiple units.

Write for Bulletin 400.

HV Electro-Staynew Air Cleaner: Has same features as standard model but requires less space. High velocity design permits 40% reduction in face area for any given capacity. Available in 1200 and 1800 CFM units, any capacity in multiple units.

Face dimensions:
1200 CFM unit—20″ x 17″
1800 CFM unit—20″ x 23″

Write for Bulletin 405.



1800 CFM HV Electro-Staynew Air Cleaner



Electro-Staynew Mist Collector

Electro-Staynew Mist Collector: Eliminates smoke and oil mist at its source. Mounted on or near high speed machine tools, an Electro-Staynew Mist Collector draws contaminated air from around grinding or cutting operations and returns clean air to shop. A completely self-contained ventilating system for machine tools.

Write for Bulletin 420.