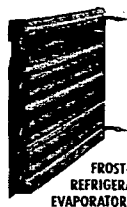


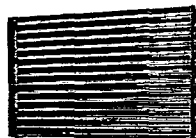
BOHN ALUMINUM & BRASS CORPORATION

DANVILLE DIVISION • DANVILLE, ILLINOIS

UNITARY COIL DEPARTMENT



Custom-made to customer's requirements with slots in fin face to accept tubular heaters.



AIR CONDITIONING CONDENSER COIL

Custom-made with $\frac{3}{8}$, $\frac{1}{2}$, or $\frac{5}{8}$ " O. D. copper tubes in a wide range of tube and fin spacings to meet varying requirements of dimension and capacity.

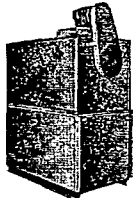


AIR CONDITIONING EVAPORATOR COIL

Custom-made with $\frac{3}{8}$, $\frac{1}{2}$, or $\frac{5}{8}$ " O. D. copper tubes in a wide selection of tube patterns and with fin spacings of 2 to 14 fins per inch to meet dimensional and capacity requirements.

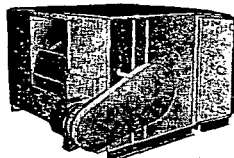
Buy the known line...
the BOHN line.

HEATING AND AIR CONDITIONING DEPARTMENT



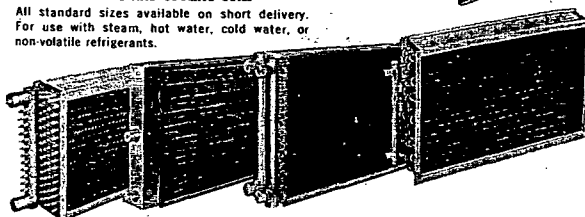
CENTRAL STATION AIR HANDLING UNITS

Bohn central station air handling units (for cooling, heating, and humidity control) are available in 14 cabinet sizes—either vertical or horizontal—with capacities ranging from 700 to 42,000 CFM.



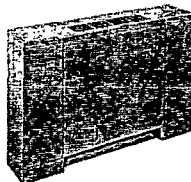
HEATING AND COOLING COILS

All standard sizes available on short delivery. For use with steam, hot water, cold water, or non-volatile refrigerants.



BOHN-AIRE ROOM CONDITIONERS

A complete line of fan coil units in four cabinet styles and 7 capacities (200 to 1200 CFM) for water or direct expansion.



BOHN-AIRE BLOWER EVAPORATOR

Available in 5 sizes from 800 to 4,000 CFM, with direct expansion, chilled water and steam coils. Discharge plenum optional.

REFRIGERATION DEPARTMENT

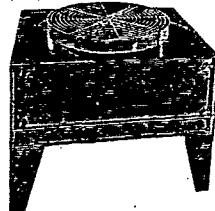
RADIAL-AIRE UNIT COOLER

Half-round unit coolers in capacities from 2,600 to 14,900 BTU/HR at 10° T. D. One model of a complete line of 15 normal and low-temp unit coolers.



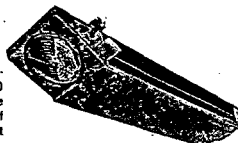
AIR COOLED CONDENSERS

Single-unit capacities from 2 thru 60 tons in either vertical or horizontal air flow models. Twin units from 70 to 120 tons. Limitizer pressure control systems.



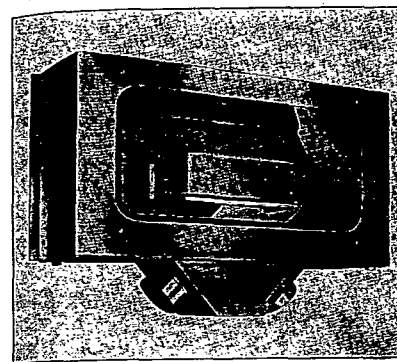
LO-AIRE UNIT COOLER

For use where high humidities are required in refrigerated rooms. More than enough coil surface with just enough air to maintain positive circulation—from 4,000 to 26,600 BTU/HR at 10° T. D.

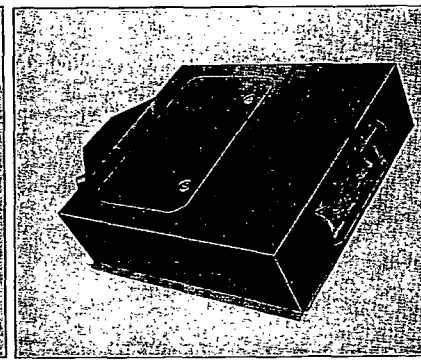


BUENSOD-STACEY CORPORATION

45 WEST 18th STREET, NEW YORK 11, NEW YORK • CHARLOTTE, NORTH CAROLINA



Type V. Window-Wall Dual Duct unit (showing automatic volume control).



Type H. Overhead Dual Duct unit.

BUENSOD-STACEY AIR HANDLING UNITS WITH SELF-CONTAINED AUTOMATIC VOLUME REGULATION

Automatic volume control is a self-contained feature of every Buensod-Stacey air mixing unit. By simple mechanical means it maintains a constant flow of air through each unit in the system within plus or minus 5% of the desired amount even though static pressure at the unit's inlet may vary as much as 8" wg. This makes it impossible for any zone in the system to become unbalanced. Automatic volume control operates without the need of any outside power source, sensing instrument or complicated arrangement of linkage.

SIMPLE TO INSTALL AND ADJUST

A screw setting of spring tension at the time of installation and the unit is permanently set for the specified volume. If, after installation, a change of air volume is desired, it can be made quickly by adjusting one nut. No linkage. The mixing valve is designed for direct, straight-line movement. On dual-duct units, compressed air from a local thermostat controls the mixing valve to provide the desired room temperature.

DUAL DUCT AIR CONDITIONING SYSTEMS

This method of air conditioning utilizes hot and cold air in parallel conduits. The two streams of air are carried throughout a building separately and are blended in each conditioned zone by an air mixing valve. Temperature is controlled locally by a thermostat. The occupant may select the temperature at which he is most comfortable. Without adequate automatic volume control in each unit zones become unbalanced very easily. It is much like what happens when a shower bath valve is opened on the ground floor of a building and pressure drops on the top floor. Automatic volume control prevents this.

TYPE V WINDOW-WALL UNIT

Designed for installation under windows. It discharges vertically upward... quietly and without draft.

TYPE H OVERHEAD UNIT

Intended for use above hung ceilings, it supplies air through conventional side wall outlets or overhead diffusers.

SINGLE DUCT AIR CONDITIONING

This is Buensod-Stacey's newest air handling unit. It has been designed for use with central systems where the air temperature is pre-determined by zone thermostat and a single stream of air is carried to each zone for distribution. When such an arrangement is used, the Type HSD unit, by using a volume regulating device as the valve, saves much field labor normally required for adjustment and balancing of the system.

All Buensod-Stacey Air Handling Units, both Single Duct and Dual Duct, are now available in aluminum. Where weight and handling are factors, this construction shows economy, and where corrosion is a factor, aluminum construction has many advantages.

HIGH PRESSURE DEHUMIDIFIERS

The development of a series of dehumidifiers for use with high pressure Dual Duct and Single Duct systems has proven to be essential. These factory insulated, specially braced, sprayed coil dehumidifiers are designed for pressures up to 10" wg.

DUAL PANELS

Buensod dual-panels represent an important advance in under-window air conditioning enclosures. Dual panels snap into place and are held by a magnetic lock. Each dual-panel is a sandwich of two sheets of metal over a honeycomb core providing extreme strength, rigidity and light weight. Available in a wide range of finishes.

Literature describing the equipment mentioned here is available. To obtain information about it, write Buensod-Stacey or communicate with our nearest sales representative.

BUENSOD-STACEY

subsidiary of Aeronca Manufacturing Corp.