The Patterson Kelley Company, Inc.

124 Warren Street — East Stroudsburg, Pa.

Offices or Representatives in Other Principal Cities

New York Office, 101 Park Avenue, Zone 17

PATTERSON PRODUCTS
for the
Heating Field

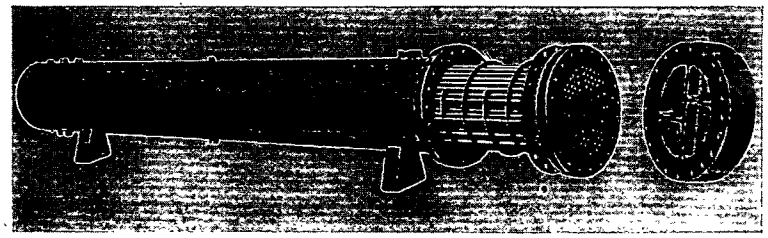
Hot Water Storage Heaters
Instantaneous Heaters
Combination Heaters
Heat Reclaimers
Heat Exchangers
Condensers
Convertors
Fuel Oil Heaters

PATTERSON PRODUCTS
for
Air Conditioning
and
Refrigeration

Freon Coolers
Water, Brine and other Coolers
Condensers
Slug Eliminators
Balance Loaders
Defrosting Systems

All of the above units are in the class of "heat transfer" equipment and it is in this class that The Patterson-Kelley Company has been specializing since 1880. Its products are carefully engineered and constructed of properly selected materials according to the most modern manufacturing methods. Literature describing any product will be sent on request.

If you have *any* requirement involving *any* type of heat transfer equipment, let us know. Our engineers will be glad to study your problem and recommend the proper type and size of unit.



Patterson Freon Cooler—Dry Expansion Type

Note the freon chamber machined from solid billet of rolled carbon steel with separating partitions welded in place. There are no exposed welds. New Bulletin on request.

AEROFIN CORPORATION

410 So. Geddes Street

Syracuse 1, N. Y.

AEROFIN

Standardized Light-weight Heat Exchange Surface

Branch Offices

CLEVELAND, CHICAGO, NEW YORK, PHILADELPHIA, DETROIT, DALLAS, TORONTO

Aerofin is the modern Standardized Light-Weight Encased Fan System Heating and Cooling Surface originated by *Fan Engineers* to meet the present and future requirements of this highly specialized field. All Standard AEROFIN Units are furnished as completely encased Units, ready for pipe and duct connections. The patented casings are built of pressed steel and are exceptionally strong and rigid, protecting the Unit from all the strains of pipe connections and expansion or contraction in service. The casings are flanged on both faces, top and bottom, and template punched for bolting together adjacent Units, or for duct connection.

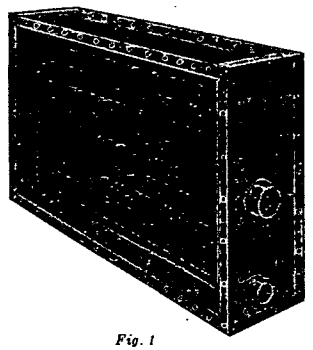


Fig. 1

Aerofin Non-freeze heater (Fig. 1) is non-freeze, non-stratifying spiral fin coil built into casing for air conditioning units or for installing in ducts. May be installed horizontally or vertically. Used on any two-pe steam system for preheating or reheating. Modulating control on preheaters.

Available in 13 lengths and 3 widths, from net face area of 2.76 sq ft to 26.28 sq ft.

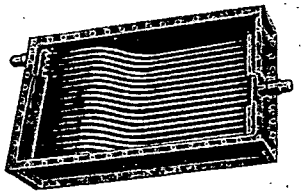


Fig. 2

Flexitube Aerofin (Fig. 2) is distinguished from all other developments by its off-set tubes, so arranged as to absorb all expansion and contraction strains.

Headers—Steel.

Tubing—⅝ in. O.D. copper, admiralty or aluminum.

Joints—Where admiralty or copper tubes are used together with bronze or steel headers tubes are brazed to headers. Where both aluminum tubes and headers are used tubing is welded to headers.

Casings—Copper, aluminum or galvanized iron.

Design—Constructed with headers on opposite ends making possible installation of units with tubes horizontal or vertical.