

The G & O Manufacturing Company

140 Winchester Avenue

New Haven 8, Connecticut



INDIVIDUAL AND STRIP FIN TUBING

We manufacture a complete line of high efficiency heat transfer surfaces in a wide range of standard sizes with individual square, round and oblong fins.

The use of individual fins permits using fins in groups at intervals along the straight length of any tube for the manufacture of U-bends, continuous return bend, and spirally wound coils. Where space permits, the use of square or oblong fins provides proportionately greater surface than a round fin of a diameter equal to one side of the square or oblong fin.

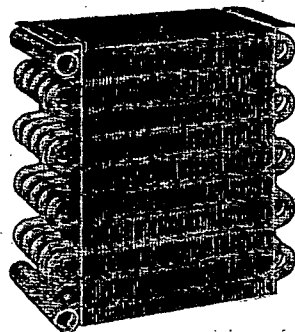
G&O Individual Fin Tubing is available for heating coils of every description, including unit heaters and blast coils, intercoolers, aftercoolers, baseboard radiation, and convector elements.

STRIP FIN TUBING

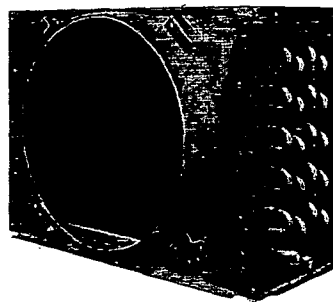
Continuous strip aluminum fin tubing is particularly suited for cooling and air conditioning coils. The lightweight all aluminum construction is of advantage in installation where weight is an important factor. Various fin spacing is available and sections can be stacked to provide any practical number of rows in direction of air flow within the limits of maximum height and width area dimensions.

G & O continuous strip fin coils are produced in two standard sizes: $\frac{3}{8}$ in. OD tubing with $\frac{7}{8}$ in. wide continuous strip fins, or $\frac{1}{2}$ in. OD tubing with $1\frac{1}{16}$ in. wide continuous strip fins.

RADIATING ELEMENTS FOR ALL HEAT TRANSFER PURPOSES ARE AVAILABLE IN A WIDE RANGE OF SIZES



Continuous Strip Fin, All Aluminum Cooling Coil



Continuous Strip Fin All Aluminum Heating & Cooling Coil

INDIVIDUAL FIN TUBING

STANDARD SIZES

OD of Tube	Fin Size	Fin Spacing per Inch	Surface per Linear Foot
$\frac{3}{8}$ "	$\frac{7}{8}$ " sq	6	0.80 sq ft
$\frac{3}{8}$ "	$1\frac{1}{8}$ " r'd	6	0.87 sq ft
$\frac{3}{8}$ "	$1\frac{1}{4}$ " r'd	6	1.55 sq ft
$\frac{3}{8}$ "	$1\frac{1}{2}$ " sq	6	2.40 sq ft
$\frac{3}{8}$ "	$1\frac{3}{4}$ " sq	7	2.95 sq ft
$\frac{3}{8}$ "	$2\frac{1}{8}$ " sq	6	4.15 sq ft
$\frac{3}{8}$ "	$2\frac{1}{2}$ " sq	6	3.50 sq ft
1"	$2\frac{1}{4}$ " sq	6	4.00 sq ft
$1\frac{1}{8}$ "	$2\frac{3}{8}$ " sq	6	3.82 sq ft

The Patterson-Kelley Company, Inc.

101 Burson Street

East Stroudsburg, Pa.

New York 17

Philadelphia 3

Boston 16

Chicago 4

101 Park Avenue 700 Walnut Street 96A Huntington Avenue Railway Exchange Building
Representatives in Principal Cities



air conditioning and refrigeration equipment



FIG. 1—Exclusive P-K aluminum fin is designed for optimum heat transfer and vaporization.

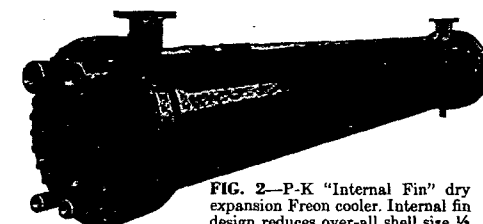


FIG. 2—P-K "Internal Fin" dry expansion Freon cooler. Internal fin design reduces over-all shell size $\frac{1}{2}$ and more.

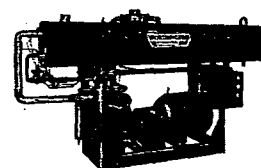


FIG. 3—P-K "Internal Fin" dry expansion Freon cooler installed on Worthington packaged water chiller. Package system designed for air conditioning.

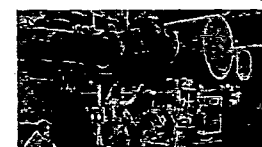


FIG. 4—P-K dry expansion Freon chiller installed on Worthington packaged air chiller.

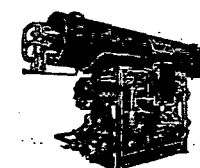


FIG. 5—P-K "Internal Fin" dry expansion Freon cooler installed on Chrysler Airtemp packaged whiskey chiller.

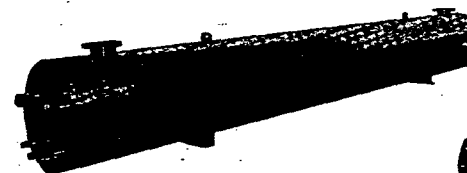


FIG. 6—Insulated 4 circuit "Internal Fin" Freon chiller.

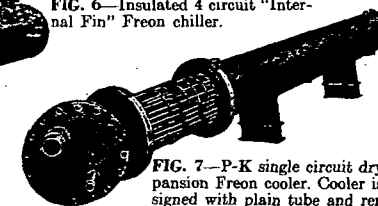


FIG. 7—P-K single circuit dry expansion Freon cooler. Cooler is designed with plain tube and removable "U" tube bundle.



FIG. 8—P-K storage water cooler designed for process liquid cooling and chilled water services.

The Patterson-Kelley Co., Inc. • process heat exchanger division