

The G & O Manufacturing Company
138 Winchester Avenue New Haven, Connecticut

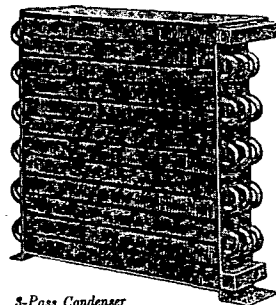


INDIVIDUAL FIN TUBING

RADIATING ELEMENTS FOR UNIT HEATERS (High and Low Pressure)
AND CONCEALED RADIATORS

INDUSTRIAL HEATING COILS • REFRIGERATING CONDENSERS

EVAPORATORS, INTERCOOLERS, AFTERCOOLERS, COOLING COILS
AND OTHER HEAT TRANSFER PRODUCTS



5-Pass Condenser

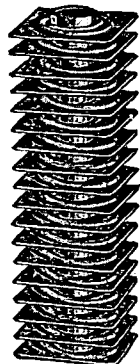
Individual G & O Fins—The use of individual fins results in high efficiency in heat transfer from primary tube surface to secondary fin surface, because all G & O fins have ample collars around the tube opening insuring liberal contact with tubing.

Any Size or Shape—Fins of any size or shape may be obtained giving any desired proportion of primary and secondary radiating surface.

Square Fins—A square fin has about 30% greater surface than a round fin of a diameter equal to a side of the square.

Individual Fins—Individual fins permit of any fin spacing; also, of using fins in groups at intervals along tubes. Fins placed at practically any angle on tubes.

Various Shapes—G & O individual fin tubing is furnished in straight lengths; in U bends with short radii; in continuous return bend coils, or other shapes. Ends of tubes may be left free of alloy for mechanical joints.



G & O Individual Fin Tube Data

Standard Sizes

O.D. of Tube	Fin Size	Fin Spacing per Inch	Surface per Linear Foot
3/8"	3/4" sq.	6	0.55 sq. ft.
3/8"	7/8" sq.	6	0.80 sq. ft.
3/8"	7/8" r.d.	6	0.60 sq. ft.
3/4"	1 1/2" r.d.	6	1.55 sq. ft.
3/4"	1 3/8" sq.	6	2.40 sq. ft.
1"	2 1/8" sq.	6	4.00 sq. ft.



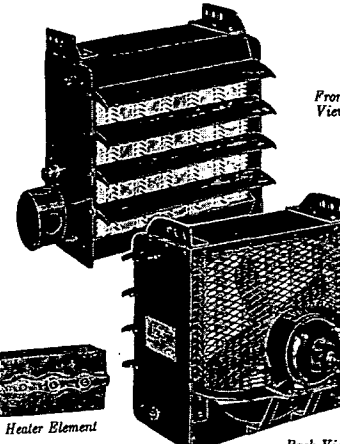
Pioneer Manufacturers of Individual Fin Tubing in this Country

Electric Air Heater Company

Division of AMERICAN FOUNDRY EQUIPMENT CO.

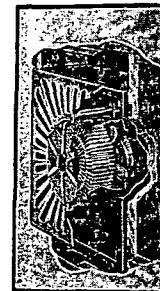
Mishawaka, Indiana, U. S. A.

Manufacturers of Industrial and Domestic Electric Air Heaters



Heater Element

Industrial Electromode All-Electric Unit Heater



Electromode "Built-In-Wall" All-Electric Heater

Electromode Portable All-Electric Heater



Experience of hundreds of users and many operation tests by power and public service interests, insurance companies, United States Government and other authoritative institutions have proved that the Electromode Electric Air Heaters are practical for hundreds of varied applications.

They incorporate the unit heater principle in which forced air circulation provides uniform temperature. They are clean, convenient, instantaneous, efficient, fully automatic and portable. The low initial cost and minimum installation expense enables economical heating for many applications.

The heart of the Electromode Heater is the heating unit. This consists of a helicoil, sheathed wire type (Calrod) of resistance heater element cast integral with an aluminum alloy fin type grid. The heat transformed from electric energy is quickly conducted through the finned area of the heating unit and is carried off by the forced air circulation. The operating temperature of the unit is comparatively low and with the special cut-out switch, absolute safety is assured.

In addition to the industrial type, the Electromode Heaters are made in domestic models. The "built-in-wall" type and the portable model are both ideal for home use where occasional heat is required.

Write us for complete information on the Electromode Line of heaters

RATINGS

INDUSTRIAL TYPE

Model No.	K.W.	C.F.M.	B.T.U.	E.D.R.
83-12	1.2	75	4,098	17.1
83-15	1.5	95	5,122	21.3
83-18	1.8	95	6,147	25.7
84-20	2.0	150	6,830	28.5
84-24	2.4	150	8,196	34.2
84-30	3.0	210	10,245	42.7
84-40	4.0	210	13,660	57.0
12-6	6.0	375	20,490	85.4
12-9	9.0	560	30,735	128.0
12-12	12.0	625	40,980	170.8
18-135	13.5	1055	46,102	192.1
18-1375	15.75	1055	53,786	224.1
18-18	18.0	1055	61,470	256.1
18-27	27.0	1410	92,205	384.2
24-36	36.0	2815	122,940	511.8
24-42	42.0	2815	143,430	597.6
24-48	48.0	3130	163,920	683.0
24-60	60.0	3130	204,900	853.8

"BUILT-IN-WALL" TYPE

Model	K.W.	C.F.M.	B.T.U.	E.D.R.
A1200	1.2	110	4,098	17.1
A1600	1.6	110	5,464	22.8
A2000	2.0	110	6,830	28.5
B3000	3.0	180	10,245	42.7

All models supplied either for 2 in. by 4 in. or 2 in. by 6 in. stud mountings.

ELECTROMODE—PORTABLE TYPE

Model	K.W.	B.T.U.	C.F.M.	E.D.R.
A15	1 1/2	5,118	76	21.3
A20	2	6,824	100	28.4
B30	3	10,236	150	42.7
B40	4	13,648	200	56.9
B50	5	17,060	250	71.1