

The G & O Manufacturing Company

138 Winchester Avenue

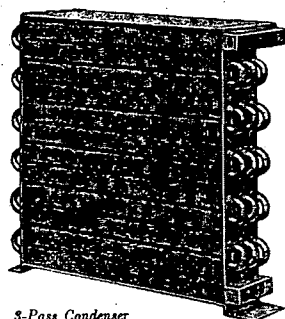
New Haven, Connecticut



INDIVIDUAL FIN TUBING

for

Unit Heaters (high and low pressure), Concealed Radiation, Refrigeration Condensers, Evaporators, Intercoolers, After-coolers, Cooling Units, and other Heat Transfer Products.



3-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 solder for mechanical joints.

G & O Individual Fin Tube Data
Standard Sizes

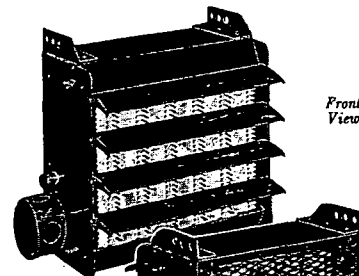
O.D. of Tube	Fin Size	Fin Spacing per Inch	Surface per Linear Foot
3/8"	3/8" sq.	6	0.59 sq. ft.
3/8"	7/8" sq.	6	0.81 sq. ft.
3/8"	7/8" r'd.	6	0.64 sq. ft.
3/8"	1 1/2" r'd.	6	1.61 sq. ft.
3/8"	1 5/8" sq.	6	2.50 sq. ft.
1"	2 1/8" sq.	6	4.00 sq. ft.
1 1/4"	2 1/2" r'd.	5	3.55 sq. ft.



American Foundry Equipment Company

Mishawaka, Indiana, U. S. A.

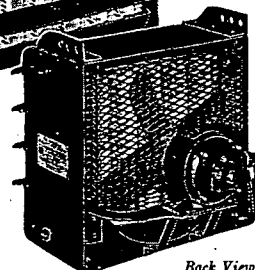
Manufacturers of Industrial and Domestic All-Electric Unit Heaters



Front View

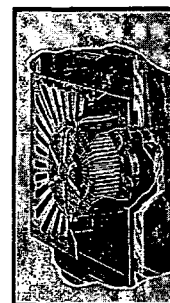


Heater Element



Back View

American All-Electric Unit Heater

Electromode "Built-In"
All-Electric HeaterThermofan-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 American All-Electric 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 American 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 American Heaters are made in domestic models. The built-in type and the portable model are both ideal for home use where occasional heat is required.

Write us for complete information on the American Line of heaters

RATINGS

INDUSTRIAL HEATER

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
18-1575	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

ELECTROMODE

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.

THERMOFAN

Model	Switch	Current
P	Plug in Type	110V-A.C.
1	Heat Switch in Base	110V-A.C.
2	Heat and Fan Switches in Base	110V-A.C.

All models either 1000—1200—or 1600 Watts.