

MCQUAY RADIATOR CORPORATION

Manufacturers of Cabinet Radiators, Concealed Radiators and Unit Heaters
General Offices

35 E. Wacker Drive, Chicago, Ill.

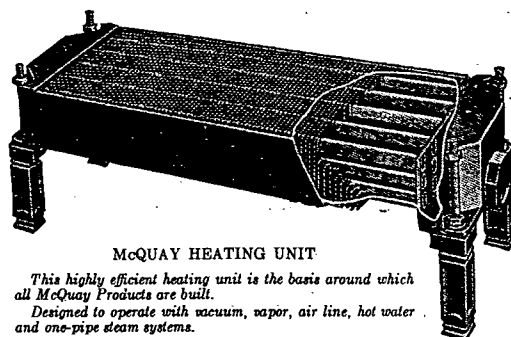
Factory: MINNEAPOLIS, MINN.

Branches in Principal Cities

The McQuay Heating Unit

A distinctive feature of all McQuay products consists of a series of flat, horizontal tubes running the entire length of the heating section and arranged in vertical tiers on one-inch centers. These are held securely in place by copper fins, set perpendicular to the tubes. The entire heating section is nested firmly in bronze metal end tanks or headers that act as manifolds for the entering steam and returning condensation. The specialized arrangement and copper construction of the fins and tubes insure a maximum of heating efficiency.

The shape and design of the tubes preclude the possibility of danger of freezing. The tubes are coated with tin on the inside thereby producing a glass-smooth inner surface, eliminating the hazard of corrosion and clogging or certain destructive chemical reaction.



MCQUAY HEATING UNIT

This highly efficient heating unit is the basis around which all McQuay Products are built.
Designed to operate with vacuum, vapor, air line, hot water and one-pipe steam systems.

heat reflector. The heating unit is placed near the bottom; cold air is admitted through a grille at the floor line and passes through this heating unit, rises rapidly in the enclosure, and is precipitated out the grille opening at the top—entirely by convection. Heat is controlled by a damper arrangement located at the top of the cabinet. Front of cabinet is flush with finish wall and similarly decorated.

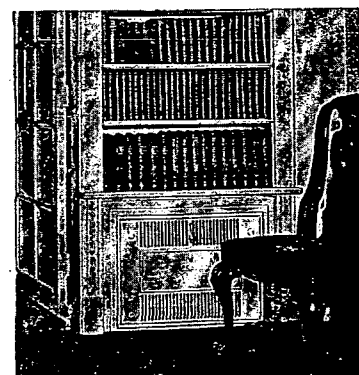
McQuay Recess Wall Type Concealed Radiators

The recess wall type differs from the box type in that the entire radiator is concealed in the wall, so that only the grille opening, which is flush with the face of the wall, is seen. An opening is left in the baseboard for admitting cold air.

Proper provision is made so that the heating unit is easily accessible.



Recess Wall Type McQuay Radiator



McQuay Box Type Concealed Radiators

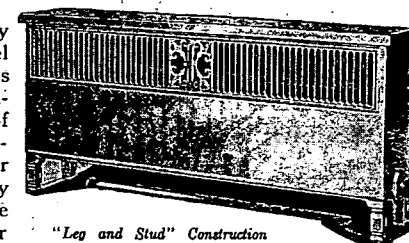
The box type consists of a heavy metal case which is recessed in the wall under a window. The front section has a grille at top for the warm air outlet and at the bottom for entering air. The rear section is shaped slightly concave so as to act as a

McQuay Cabinet Radiators

An artistically designed cabinet of heavy furniture rust-resisting, copper alloy steel set over a McQuay Heating Unit which is nested inside and near the bottom. Cabinet is furnished primed with one coat of Duco and may be finished to match interior decorations of each apartment or room. Humidification is provided for by means of a water pan which extends the full width of the cabinet and is placed near the top. Design is such that air circulates over the surface of the water as well as under the waterpan.

McQuay Radiators listed here are constructed and designed for vacuum, vapor, air line, one-pipe steam and hot water systems. Tappings are in accordance with Master Steam Fitters' Code as shown above.

Cabinets are factory finished with a priming coat.



"Leg and Stud" Construction

Shipping rate approximately 2 lb. per sq. ft. of radiation.

All radiators are bushed for eccentric return. Allow for this in roughing in.

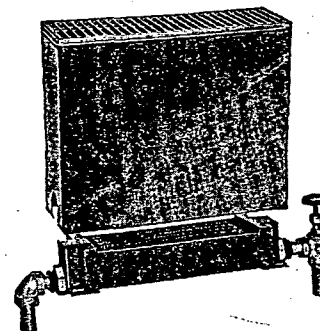
The published ratings of McQuay Unit Heaters, Heat Cabinets and Bathroom Units are based on data, resulting from actual tests made by competent engineers.

Capacities and Dimensions Intermediate Sizes McQuay Concealed Radiators—Box Type

Series 300 Heating Element Depth..... 3 1/2" Wall Box Depth..... 3 3/4"					Series 500 Heating Element Depth..... 5 1/4" Wall Box Depth..... 5 1/2"					Series 700 Heating Element Depth..... 7" Wall Box Depth..... 7 1/4"				
Over-all Length of Heating Element, Inches	3 1/2" Deep 21 1/2" High		3 1/2" Deep 24 1/2" High		Over-all Length of Heating Element, Inches	5 1/4" Deep 21 1/2" High		5 1/4" Deep 24 1/2" High		Over-all Length of Heating Element, Inches	7" Deep 21 1/2" High		7" Deep 24 1/2" High	
	Stock No.	Sq. Ft. Rad.	Stock No.	Sq. Ft. Rad.		Stock No.	Sq. Ft. Rad.	Stock No.	Sq. Ft. Rad.		Stock No.	Sq. Ft. Rad.	Stock No.	Sq. Ft. Rad.
15	301-B	9.0	321-B	9.5	15	501-B	12.5	521-B	13.0	15	701-B	15.0	721-B	15.5
20	303-B	13.0	323-B	13.5	20	503-B	16.0	523-B	17.0	20	703-B	20.0	723-B	21.5
25	305-B	15.5	325-B	16.5	25	505-B	21.0	525-B	22.5	25	705-B	26.0	725-B	28.0
30	307-B	19.0	327-B	20.0	30	507-B	25.0	527-B	26.5	30	707-B	32.5	727-B	34.5
35	309-B	22.5	329-B	24.0	35	509-B	30.0	529-B	32.0	35	709-B	38.5	729-B	40.5
40	311-B	25.5	331-B	27.0	40	511-B	34.5	531-B	36.5	40	711-B	44.5	731-B	47.0
45	313-B	28.5	333-B	30.0	45	513-B	39.0	533-B	42.0	45	713-B	50.5	733-B	53.0
50	315-B	32.0	335-B	33.0	50	515-B	44.0	535-B	46.5	50	715-B	56.5	735-B	59.5
55	317-B	35.5	337-B	37.0	55	517-B	48.0	537-B	51.5	55	717-B	63.0	737-B	66.0
60	319-B	38.0	339-B	40.5	60	519-B	53.0	539-B	56.5	60	719-B	68.5	739-B	72.0

McQuay Cabinet Radiator (Bathroom Type)

A plain design of cabinet, without humidifier, which sets over a McQuay Heating Element. When finished to blend with bathroom scheme it is inconspicuous. This, together with the small dimensions, makes this type also equally desirable for kitchenettes, small offices, etc.—wherever space must be conserved.



Series 900 Heating Element Depth..... 8 3/4" Wall Box Depth..... 9"					
Over-all Length of Heating Element, Inches	8 3/4" Deep 21 1/2" High		8 3/4" Deep 24 1/2" High		
	Stock No.	Sq. Ft. Rad.	Stock No.	Sq. Ft. Rad.	
15	901-B	16.5	921-B	17.5	
20	903-B	22.5	923-B	24.0	
25	905-B	29.5	925-B	31.5	
30	907-B	37.0	927-B	39.5	
35	909-B	44.0	929-B	46.0	
40	911-B	50.0	931-B	53.0	
45	913-B	58.0	933-B	61.0	
50	915-B	65.5	935-B	68.5	
55	917-B	72.5	937-B	75.5	
60	919-B	80.0	939-B	83.0	