

Circulair Heat, Inc.

215 Central Avenue
Louisville, Ky.

50 Church Street
New York

1916 Builders Building
Chicago

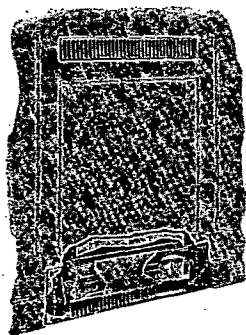


Fig. 1

CIRCULAIR

We announce a new **Method of Heating** which economically achieves uniform, comfortable, healthful warmth by scientifically utilizing Induced Circulation of Air. **CIRCULAIR!**

A Concealed Type which does not intrude upon the Decorative Scheme nor usurp Floor Space.

Cabinet Types which afford all the advantages of the Scientific Method and readily lend themselves to any Decorative Treatment desired.

We announce, coincidentally, the development, under the direction of Willis H. Carrier, of highly-perfected equipment which realizes the full possibilities of the method.

CIRCULAIR is now available in heater lengths from 12 to 48 in. in increments of 6 in., representing heating capacities, in equivalent square feet of cast iron "radiation" of from 8 to 105 per Unit; in the Concealed Type, Figs. 1 and 2; the tall shallow Cabinet Type (which extends but 4 in. from the wall), Fig. 4; or the short, deeper Cabinet Type, Fig. 5.

CIRCULAIR Method

By housing the heat-element in the base of a stack a strong upward convection current is induced. The stream of warmed air from the upper grille is deflected horizontally into the room, moving gently across it, to be reversed and drawn back into the lower grille. This effects a continuous draftless **circulation** which warms the zone of occupancy above the floor and avoids excessive overhead overheating. The result is **uniform** comfort throughout the room.

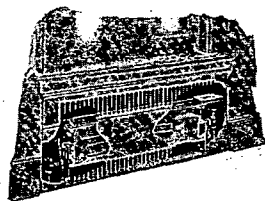


Fig. 2

Above the heater is an easily adjustable air-tight damper (See Figs.) which regulates the volume of air passing through the CIRCULAIR and thus flexibly and instantaneously regulates the quantity of heat admitted to the room. Real heat

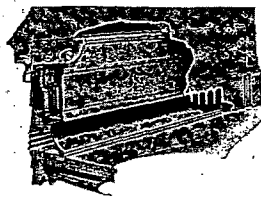


Fig. 3

control at last, independent of the heating medium, infinitely variable at will, between none and full capacity, and **instantly responsive**. Contemplate the manifold advantages of this—in comfort, health, convenience and economy!

Then note, Fig. 3, that CIRCULAIR provides means of introducing Fresh Air, through any desired Unit, without drafts, without opening windows, without disturbing the uniform temperature of the room! (Patents pending.)

Note, further, Fig. 4, that CIRCULAIR provides a tall, shallow Cabinet (Patents pending) which makes available to existing buildings all the advantages of the Concealed Type itself, salvaging most of the space heretofore occupied by a "radiator," not only, but **all of the adjacent space** which the "radiator" rendered untenable. This is a boon to those forced to sit or stand near a "radiator," as in an office, a small room of any description, or in a restaurant, since the tall CIRCULAIR Cabinet, replacing the "radiator" discharges its warmed air overhead and does not "radiate" from its front panel.

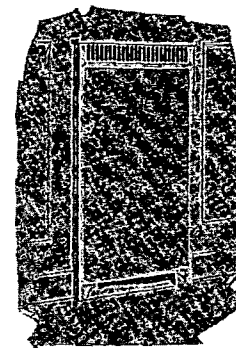


Fig. 4

CIRCULAIR Equipment

The heat-element, a scientific **conductor**, rather than a "radiator," since air is heated almost wholly by conduction, is designed for maximum heat transmission and built to outlast the enclosing structure. It is entirely non-corrosive and absolutely freeze-proof. The Figures afford some conception of its many advanced features and of the care and study expended in the design of the grilles and cabinets. Figs. 6 and 7 show dimensions of heater units. Stack heights vary from 15 to 85 in. The largest CIRCULAIR Heater Unit, capacity 105 sq. ft. equivalent cast iron "radiation" weighs but 53 lbs.!

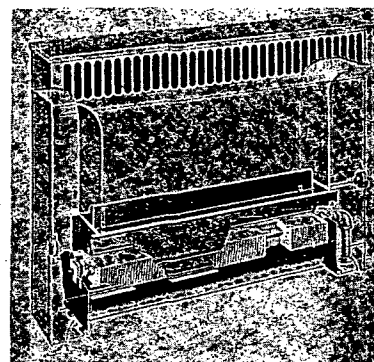


Fig. 5

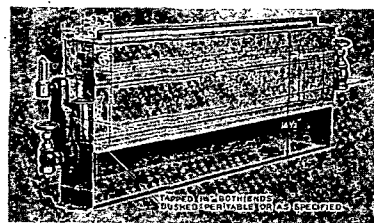


Fig. 6

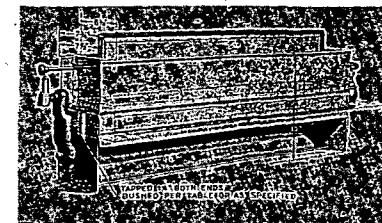


Fig. 7

Complete Information

is contained in a beautifully illustrated Booklet (A.I.A. File 30c4) which will be mailed gratis upon request.

