

The Cooling & Air Conditioning Corp.

Executive Office

31 UNION SQUARE

New York City

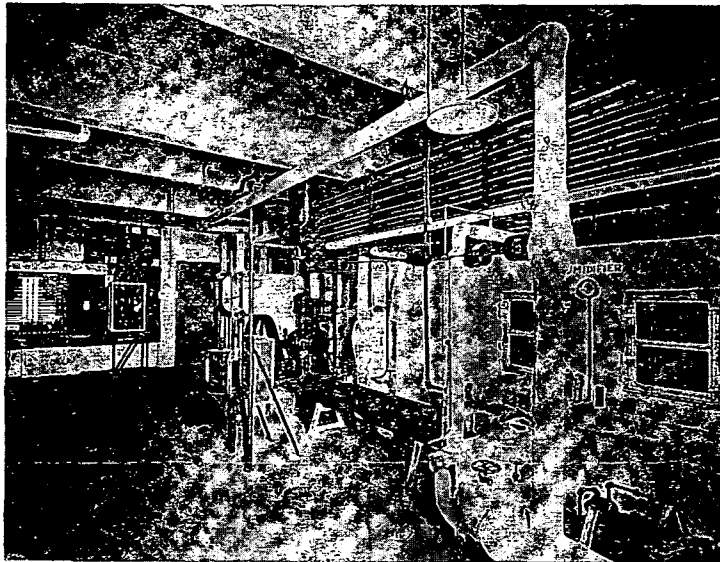
ATLANTA

PITTSBURGH

BOSTON
CHICAGO

Engineers and Contractors

Automatically Controlled Air Conditioning Systems: Cooling—Humidifying—
Dehumidifying — Heating — Ventilating — Drying — Ross Paper
Conditioning — Fleisher Bakery Systems



Complete Dehumidifying Equipment

Air Conditioning Systems are designed to overcome the handicaps imposed on industry by variations in weather, or adverse climatic conditions. They insure to the manufacturer that effect on materials and processes which can only be produced by ideal temperature and humidity values, making his plant entirely independent of the seasons or changeable daily weather.

Whether the cure for such difficulties involves the creation of high or low temperatures and high or low humidities in any combination, this organization offers a broad experience in the careful design of dependable equipment united with the highest type of engineering and contracting service.

In addition to the treatment of industrial departments requiring humidifying or dehumidifying, the cooling of theatres, moving picture houses, cafes, and other places of assembly are fields in which we have specialized with marked success.

The experienced active personnel of this organization enables us to design and install automatically controlled cooling and air conditioning equipments of any size, for any purpose and having had broad experience in practically all fields where this type of equipment is employed, our sales engineers will be glad to cooperate with those requesting their service.

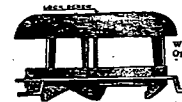
Knowles Mushroom Ventilator Co.

202-204 FRANKLIN STREET, NEW YORK

Knowles Air Diffusers for Auditoriums of Theatres, Churches, Schools

Nu-Notch Air Diffusers

Are finely adjusted by merely raising and lowering the cap in ten recessed notches, and locking. They cannot be tampered with and are made with lugs for either wood or concrete floors. No set screws. Three outer bearings make them rigid.

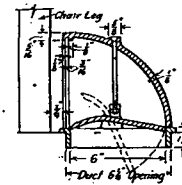


Size	C. F. M. at 300 Vel.	Area, Sq. Ft.	Weight, Lbs.
4" diam.	27	0.0873	2.75
5" "	42	0.1364	3.50
6" "	60	0.1964	4.25
7" "	81	0.2673	5.75
8" "	105	0.3491	8.00
10" "	165	0.5454	11.75

Specification Data—For concrete floors furnish and place 6 in. cast iron mushroom air diffusers with recessed notches for permanent adjustment of mushroom caps at any desired opening; to have center screw locking feature, and L shaped lugs as manufactured by Knowles Mushroom Ventilator Co. Provide for each opening No. 20 galvanized iron sleeve extending through concrete floor; to be set when floor slab is laid. (See booklet page 6.)

Standard Aisle Hood Air Deflectors

Are used to throw the fresh air out into the aisles in one direction. They provide the engineer with an inexpensive method of introducing a large volume of air wherever needed without causing annoying drafts. A curved damper reduces friction loss.



	Long	Wide	High	Lbs.	C. F. M. at 300 Vel.	Area Sq. Ft.
Small Size.....	8"	4 1/2"	4 1/2"	9 1/2	75	0.25
Large Size.....	8"	6"	6"	13	100	0.333

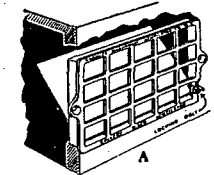
May also be made in any size to suit conditions.

Gallery Riser Ventilator

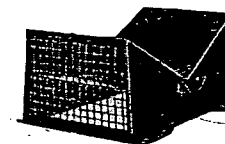
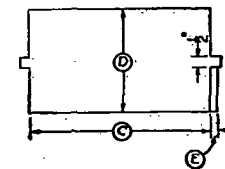
For the intake or exhaust of warm or cool air in the balconies of auditoriums adjustable to any opening and locked.

SIZE	A	B	C	D	E	Area Sq. Ft.	C.F.M. V. 300	LBS. WT.
6	7 1/2	4 1/2	7 1/2	4 1/2	1/2	1.96	60	2
8	9 1/2	6 1/2	10 1/2	6 1/2	3/4	3.48	105	4
10	11 1/2	7 1/2	12 1/2	8 1/2	1	5.45	165	6 1/2
12	16 1/2	10 1/2	17 1/2	11 1/2	1 1/2	7.85	235	9 1/2

Also 8 x 12 Standard Size



Riser Concrete Plan



Camelback Air Diffusers

Give a two-way air delivery, at ends as shown and are particularly desirable in keeping duct work at a minimum. They are furnished with or without dampers. Nos. 1 and 3 have no dampers while Nos. 2 and 4 have two regulating dampers.

Nos. 1 and 3—Size 14" long, 7" wide, 6" high at ends.

Nos. 2 and 4—Size 14" long, 7" wide, 5" high at ends.

(See Booklet for Capacities)

All are of substantial construction being made of heavy cast iron. Other KNOWLES Products are Single Damper, Double Damper and Lever Lock Mushroom Ventilator, Disc-Loc Gallery Exhaust Vents.

Send for NEW BOOKLET containing complete engineering data.