

Knowles Mushroom Ventilator Co.

41 North Moore Street, New York

Knowles Air Diffusers for Auditoriums of Theatres, Churches, Schools

ORIGINAL—RELIABLE—STANDARD

Giving Satisfactory Service in Over 4,000 Installations

PRODUCTS:—Cast-Iron and All-Steel Adjustable Mushroom Ventilators; Aisle Hood, Tu-Way Air Deflectors; Round and Oblong Gallery Riser Vents

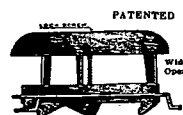


Aero Valve—The Improved Mushroom Air Diffuser

The newest Knowles product. An up-to-date mechanically correct air unit of fixed height made of HEAVY steel, with strong supports bearing across 1-in. flange. Easy to regulate and install and low in price. Combines high efficiency with convenient adjustment affording finest control of air by simply turning screw on TOP of CAP.

Can be positively locked at desired adjustment by side screw—is noiseless and made so that it cannot be taken apart before or after installation—an exclusive feature. Quick Anchorage to Wood or Concrete floors in one piece—Made in 6-in. and 8-in. diameter sizes—Same capacities as Nu-Notch type (see table below).

Knowles Nu-Notch Mushroom Ventilator or Air Diffuser



The ideal cast-iron mushroom. Head has three outer bearings and is absolutely rigid. Ten recessed notches give close regulation of air. Locked into positive adjustment by tightening head screw with special key provided—a new feature

to prevent tampering by unauthorized persons. Supplied with dome or flat tops. Three screw holes in floor flange for fastening to wood, or three angle L lugs for setting in concrete, or three tapped holes in floor collar for fastening with set-screws to sleeve.

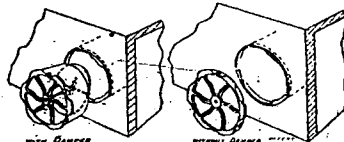


Size	Cu. Ft. per Min. at 300 ft. Vel.	Area, Sq. Ft.	Weight Lbs.
5" diam.	42	0.1364	3.50
6" "	60	0.1964	4.25
7" "	81	0.2673	5.75
8" "	105	0.3491	8.00
10" "	165	0.5454	11.75

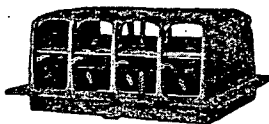
Specifications:—Furnish and install where indicated on drawings or as hereinafter specified (5-in.), (6-in.), (7-in.), (8-in.), (10-in.). (Dome Top), (Flat Top), Nu-Notch Cast-Iron Mushroom Air Diffusers with recessed notches for the permanent adjustment of mushroom caps at any desired opening together with center locking screw feature as manufactured by Knowles Mushroom Ventilator Co., New York, N. Y.

Knowles Disc-Loc Gallery Riser

Ventilators are designed to insure better control of air. Round holes in the gallery risers do not weaken the construction but, on the contrary, with the cast-iron rings it is actually strengthened. The cast-iron grille is quickly inserted and locked by a simple twist motion—no bolts, screws or springs. Furnished with or without damper to fit same rings. MADE IN FOUR SIZES (See Booklet).



Tu-Way Air Deflectors are designed to deliver maximum area with minimum fixed height. The air is discharged at both sides along the row of seats. Heavy Cast-Iron—Ornamental design—Adjustable double-wing curved damper deflects air downward. Fine, positive adjustment—Rattleproof, noiseless. A DEVICE THAT DELIVERS THE FULL AREA OF FLOOR OPENING. Floor opening 6½ by 8½ inches—Area ½ Sq. Ft.—100 CFM at 300 Velocity.



Standard Aisle Hood (Cast-Iron) Air Deflectors are used to throw the fresh air out into the aisles in one direction. A curved damper reduces friction loss. Large size: 8 in. long, 6 in. wide, 6 in. high; area ½ sq. ft.; Small size: 8 in. long, 4½ in. wide, 4½ in. high; area ¼ sq. ft.

Send for New Booklet of Complete Engineering Data or Samples

Uni-Flo Corporation

Detroit, Michigan

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for the

AIR CONDITIONING INDUSTRY

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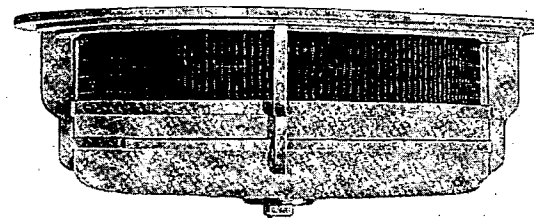
uni-flo air-lite

COMBINATION LIGHTING AND CEILING DISCHARGE OUTLETS

Performance:—Uni-Flo Airlite was developed to meet the architects' and engineers' requirements for a combination ceiling discharge outlet or return-air outlet incorporating a lighting fixture.

It is so designed that when air is discharged from the outlet, aspiration is created which causes the air at the floor to be drawn up to the outlet and into the discharge air stream.

The air is diffused while passing through the outlet so that at the face of the outlet the discharged air rapidly mixes with the aspirated room air, resulting in uniform temperature control.



PATENT PENDING

uni-flo

SIDEWALL AIR DISTRIBUTION OUTLETS

Aspirator Type "2BM" for Short Distance Air Distribution.

Aspirator Type "5A" for Medium Distance Air Distribution.

Aspirator Type "3K" for Long Distance Air Distribution.

Volume Control Dampers.

Literature Upon Request