

Universal Diffuser Corp.

1360 Garrison Ave., New York 59, N. Y.

Manufacturers of FLEXIFLO Adjustable Diffusers



VARIABLE EFFECTIVE AREA

The FLEXIFLO diffuser is unique in that it has an infinitely variable effective area. All blades move simultaneously when the control knob is moved up or down. This provides a simple, effective means of controlling the volume of air. The pattern of diffusion for cooling purposes remains constant on the Type "R" FLEXIFLO. For cooling and heating purposes the Type "V" FLEXIFLO provides a variable pattern of diffusion from horizontal to downflow.

Type R—For Cooling

Provides a diffusion pattern and radius of diffusion that are not altered by change in air volume. Air leaving the Type R diffuser always travels parallel to the ceiling, assuring satisfactory performance under all operating conditions.

Type V—For Cooling, Ventilating and Heating

Has a special blade configuration that gives a variable air distribution cone from horizontal to downward flow. Air can be delivered at practically any angle.

Type S—For Side Wall or Ceiling Installations

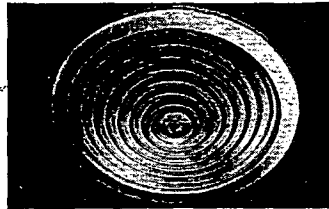
Model SC is for ceiling installations in cooling work. Model SW is for wall installations. Every Type S diffuser has one set of equalizing deflectors.

Series MP—Multi-Pattern Diffusers

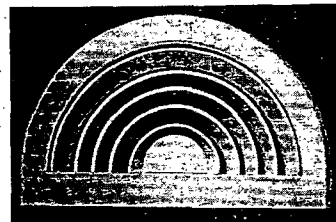
FLEXIFLO Series MP diffusers are made to order in all rectangular shapes for one, two, three and four way blows to accommodate rooms of irregular shape. The diffusion pattern is parallel to the ceiling in all cases. Standard finish is metallic gray baked enamel. Other colors are available at no extra cost.

Series HAR

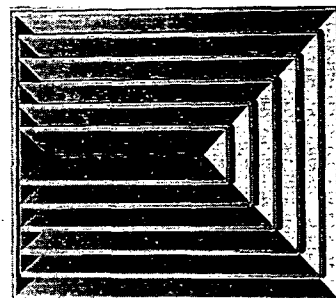
The FLEXIFLO HAR Series of adjustable square diffusers is built for either ceiling or acoustical tile installation. The blades move simultaneously when the control knob is moved up and down. Air volume can thus be controlled with great precision and can be varied between near zero and full output at constant horizontal pattern.



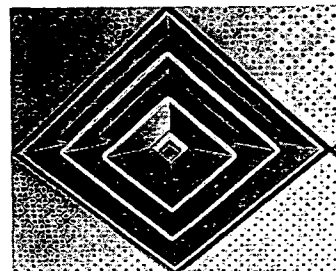
Flexiflo-Type R and V



Flexiflo-Type S



Flexiflo-Series MP



Flexiflo-Adjustable Series HAR

Waterloo Register Co. Inc.

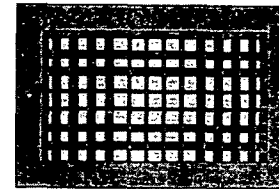
"Since 1902"

P.O. Box 72

Waterloo, Iowa

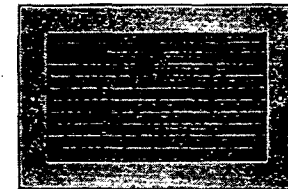


Complete Line of Air Diffusion Equipment for All Air Conditioning and Heating Installations. Offers: Performance. Appearance. Selection. Prompt Delivery. Features Silent Flow "Tear Drop" Louvre Design which provides unobtrusive diffusion with SUFFICIENT SURFACE to turn high velocity air WITHOUT TURBULENCE.



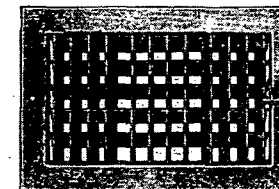
2V SUPPLY GRILLE

Two sets of extruded aluminum louvers, each individually adjustable for four-way deflection at degree desired. Designed for long or short throw.



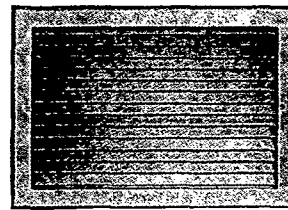
3H RETURN AIR GRILLE

Fixed fins at 45 degree or 0 degree deflection, in heavy gauge frame, strengthened with adequately spaced support bars.



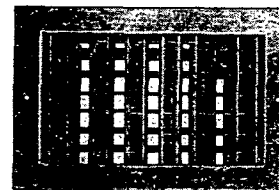
IVMH SUPPLY REGISTER

One set of adjustable louvers for easy control of air, right or left, with multi-shutter damper, horizontal blades. Ideally suited for home installations because of narrow stack depth.



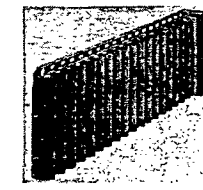
DV DOOR VENTILATORS

V-Shaped fixed fins, permanently spot welded in channel frame for rigidity. Offers more than 57 per cent free area, yet completely sight proof. Available flange both sides, one side, or no flange.



2VO SUPPLY REGISTER

Two sets of adjustable louvers, vertical and horizontal, with opposed blade damper, vertical blades, for even volume control. Fins spaced on 3/4 inch centers. Provides positive air control.



DUCTROL Air Volume Extractor

Volume controller and extractor adjusts from full open to full closed, to provide even distribution to entire grille surface. Completely assembled at the factory—ready to install on job.

Waterloo 6-page "Size Selection Table" available in folder form to use in making SIZE SELECTIONS of outlets on commercial jobs.