

UNIVERSAL DIFFUSER CORP.

38 Marbledale Road, Tuckahoe, N. Y.
AIR DIFFUSERS • REGISTERS • GRILLES



ADJUSTABLE DIFFUSERS

Provide an infinitely variable means of controlling air volume. Control mechanism moves all blades up or down simultaneously.



TYPE QP—A circular 4-cone adjustable pattern diffuser. Rotating lower blade moves core up or down, changing air delivery pattern from horizontal through any angle to vertically down; for cooling, ventilating or heating.



TYPE R—Circular constant pattern with volume control; air travels parallel to ceiling; for cooling purposes.

TYPE V—Circular variable diffusion pattern from horizontal to vertical with simple adjustment; for heating, ventilating, cooling or for high ceilings.



TYPE H—Square diffusers with round necks, made in 3 models:

HAR—constant pattern with control of air volume through cone adjustment.

HAV—variable pattern by moving cones up and down.

H-F—fixed pattern with 4 different face patterns.

TYPE CH—Circular supply and return diffuser with both "R" and "V" characteristics. Eliminates return grilles.

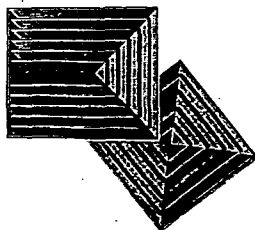


NON-ADJUSTABLE

Made with fixed blades; volume control is obtained by the use of face operated volume dampers.



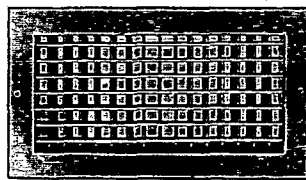
TYPE B—Circular, non-adjustable diffuser for cooling and heating; attractively styled for small commercial, industrial and residential ceiling applications.



TYPE MP—Rectangular and square, multi-pattern diffuser: 1-way, 2-way, 3-way and 4-way; made in 18 styles and 64 sizes for any type and shape of interior. Air diffusion pattern is determined by the style, without use of baffles.

LINE-AIR—Long slot diffuser of any desired length for side wall and ceiling: Counter-current vanes provide means to deliver air at 90° to wall face without the use of auxiliary straightening vanes.

UNIVERSAL GRILLES AND REGISTERS



Available in steel and aluminum; stocked in 20 standard sizes

- 1—Double Deflection Grilles
- 2—Double Deflection Registers
- 3—Opposed Blade Dampers
- 4—Return Grilles and Registers
- 5—Door and Partition Grilles
- 6—Air Extractors
- 7—"Grilline" Long Slot Grilles
- 8—Volume Controllers
- 9—Plaster Frames

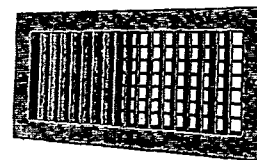
WATERLOO REGISTER COMPANY, INC.

"Since 1902"

P. O. Box 72

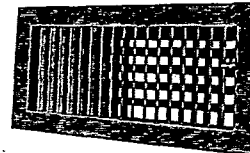
Waterloo, Iowa

WATERLOO offers a complete line of Air Diffusion Equipment designed particularly for commercial and industrial heating, ventilating and air conditioning



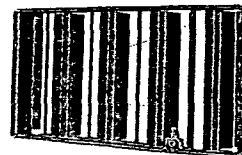
2V Supply Grille

Two sets of extruded aluminum louvers, each individually adjustable for four-way deflection at degree desired.



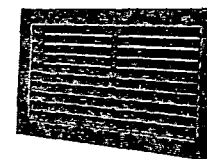
1VMH Supply Register

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



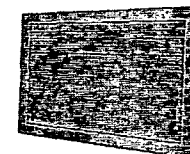
OB Damper

Opposed Blade Volume Controller may be purchased as a separate unit or can be incorporated as integral part of all Waterloo grilles.



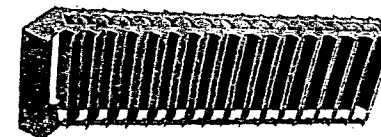
3H Return Air Grille

Fixed fins at 45 degrees of 0 degree deflection, in heavy gage frame, strengthened with adequately spaced support bars.



DV Door Ventilator

Inverted V-Shaped fins are permanently affixed to channel frame providing rigidity and complete sight proofing. Provides 72 percent free area. Available flange both sides, one side or channel frame only.



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.



Airline Grille

This product of all extruded aluminum construction features solid $\frac{1}{4}$ in. face bars on $\frac{1}{2}$ in. spacing. Available with or without dampers. Ideally suited for wall, sill or floor applications.

The complete Waterloo catalog is available upon request containing illustrations and engineering data on all products.