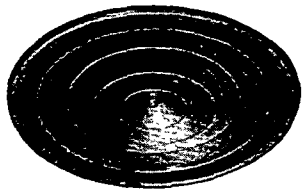
Charles Demuth & Sons, Inc.

Mineola, N. Y.

Demuth Draftless Air Distributors

Representatives in Principal Cities



New-Type (D-S) available now

Designed and Patented by Demuth

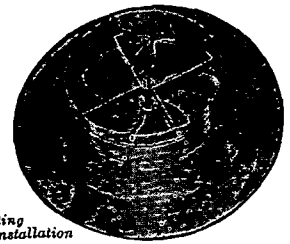
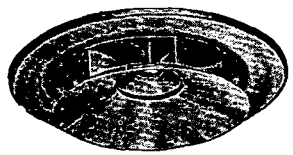
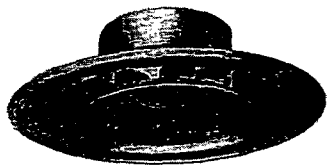


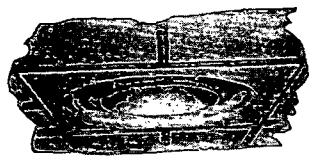
Illustration showing curved equalizing deflecting air vanes and method of installation



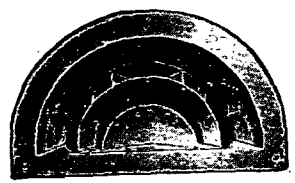
Type (S)



Type (F)



Type (M)



Type (SW)

The DEMUTH DRAFTLESS AIR DISTRIBUTOR consists of a series of curved vanes, mounted on a deflecting cone, to insure 360 deg distribution without the aid of secondary equalizing devices. A second hollow deflecting cone is arranged at a tangent to the primary cone, forming an injection nozzle.

The curved vanes discharge the supply air in turbulent streams, mixing room air with conditioned air, thereby providing constant air motion, uniform temperature and draftless distribution throughout the room.

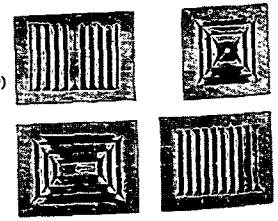
Secondary air currents, which are created by the turbulence of the discharge air, are drawn into the diffuser by the bottom or secondary cone, mixed with the supply air, resulting in positive aspiration.

Type (SQ) square and rectangular Air Diffusers are made to any size with removable core assembly. Air distribution is from one, two, three or four sides of the diffuser. Made to any air pattern.

Accessories

Combined lighting is available with the circular type. Volume and Splitter Dampers are available for all types.

Type (SQ)



General Register Corporation

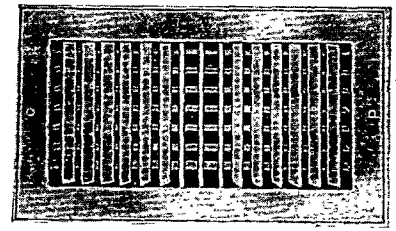
14 Factory St., Cedar Grove, N. J.

General Register manufactures a complete quality line of adjustable and fixed supply and return registers and grilles for cooling systems.

Both single and double deflecting adjustable offer quiet, efficient diffusion. Face fins are hollow, streamlined, sturdy, staked on close-fitting pins to prevent movement after setting. Heavy frames have solid corners and pleasing edges. All registers and grilles available with fins on either ½ in. or ¾ in. centers.

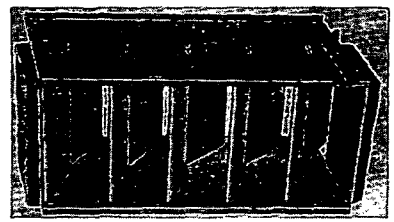
Both the streamlined opposed blade damper and the simple inexpensive multi-shutter type are available for all General products. The Silentite volume damper, outstanding feature of the General line is available as a separate unit.

The General line includes a long list of air handling and control devices for ventilating and cooling systems.



The **Ductrol** consists of a series of individually adjustable deflecting blades staked on close fitting pins, to divert air from a supply duct into a collar.

The **XTRA** rugged grille—solid bar type, with extra heavy frame is for industrial or gymnasium use.



Plain lattice stamped grilles can be furnished as exhaust registers with key operated dampers. Other grilles include Pencil Proof for schools, and sanitary type readily suitable for cleaning. Various metals can be supplied, as well as a variety of finishes.

Mounting Frames are provided where it is desirable to remove registers or grilles periodically. Also available is a line of Ventilating grilles for doors and partitions, Convector grilles, ceiling grilles, fusible links for silentite dampers, angle iron frames, pulley & chain operators, adjustable keys, and a variety of finishes.

