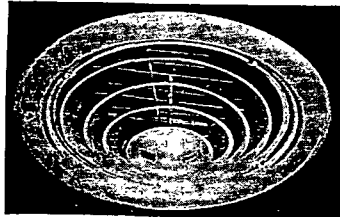


Universal Diffuser Corp.

890 Whittier St., New York 59, N. Y.

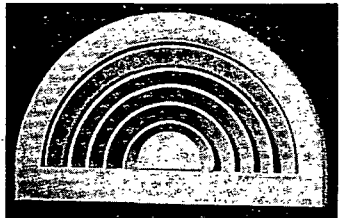
Manufacturers of FLEXIFLO Adjustable Diffusers



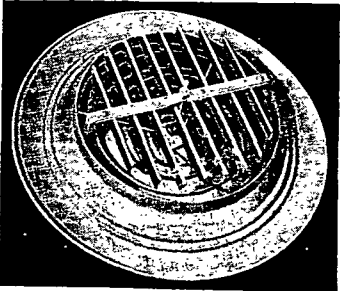
Flexiflo-Type R



Flexiflo-Type CH



Flexiflo-Type S



Built-in Equalizer Deflector

VARIABLE EFFECTIVE AREA

The FLEXIFLO diffuser is unique in that it has an infinitely variable effective area. All the blades move simultaneously when the control knob is rotated. This provides a simple and effective means of controlling the volume of air. The pattern of diffusion for cooling purposes will remain constant on the Type "R" FLEXIFLO. For cooling and heating purposes the Type "V" FLEXIFLO will provide 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 configuration of the blades that gives a variable air distribution cone from horizontal to downward flow. Thus air can be delivered at practically any angle.

Type CH—For Heating, Ventilating and Cooling

Has concentric supply and return outlets with outer and inner portions connected by sliding collars, the lower one fastened to the blades and the upper to the cross bar. The lower collar has a flared edge like the blades so that the delivery of air is shunted outward and peripherally, preventing short-circuiting of the room air.

Type S—For Side Wall or Ceiling Installations

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

Young Regulator Company

5209 Euclid Avenue, Cleveland 3, Ohio

DAMPER REGULATORS; REMOTE CONTROLS SYSTEMS

Sales Representatives in Principal Cities

YOUNG DAMPER REGULATORS

Meet practically every condition where control of air volume is required.

No. 1A—For installation on finished wall. May be locked in any position.

No. 700A—For remote control of one or more dampers at distances up to 250 ft.

No. 301A and 201A—For imbedding in plaster. Cover plate flush with finished wall.

No. 401A—Valcalox regulator for mounting on duct. May be locked in any position.

No. 403A—Valcalox for mounting on duct, lever adjustment. May be locked in any position.

No. 910—Convactor regulator for operating damper hinged on back of an enclosure.

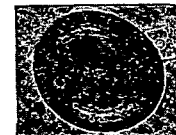
No. 900A—Air split regulator for operating a splitter damper.

No. 914—Concealed air split regulator with mitre gears used when the regulator is operated from a suspended ceiling.

No. 912—Concealed Air Split Regulator same as No. 914 for horizontal damper.



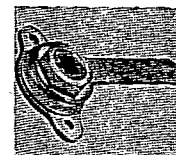
No. 1A



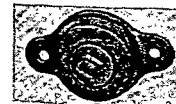
No. 301A



No. 401A



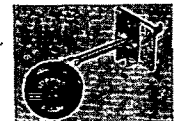
No. 403A



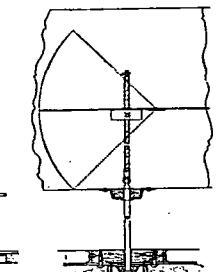
No. 656



No. 700A



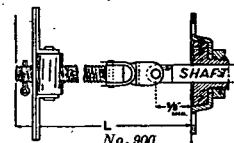
No. 910



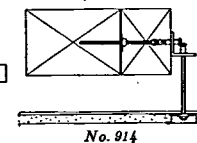
No. 912



No. 704



No. 900



No. 914

ACCESSORIES for YOUNG REGULATORS

No. 605 and No. 602—Bearing Sets.

No. 4 and No. 5—Adapter for connecting rods of different sizes.

No. 704—Corner Pulley eliminates friction where there are many turns.

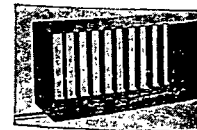
No. 656—End Bearing.

YOUNG REGISTERS and DAMPERS

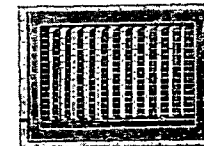
No. 807—Register with damper for operation by remote control No. 700A.

No. 805—Damper only for operation by remote control No. 700A.

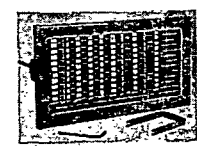
No. 1015—Volume control register gives equal distribution of air over entire grille and directional flow.



No. 805



No. 807



No. 1015

For complete details see our Catalog in *Sweets' File Architectural* or Write for a copy.