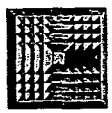
ADP AIR DISTRIBUTION PRODUCTS

8201 W. Third Street
Los Angeles 48, California



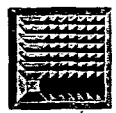
Three-Way Throw
True 3-way distribution, no spillage

S-3



Four-Way Throw
360 deg distribution
High Induction

S-4



Two-Way Corner
Complete 90 deg distribution

SC-2



Two-Way Throw
Side throw balanced to area served

S-2



One-Way Throw
Side throw balanced to area served

S-1

ADP diffusers are designed and engineered for better air distribution. Greater free areas permit greater efficiency. The *unique but simple construction* combined with high induction characteristics result in top performance.

The inner core assures a balanced air delivery over the collar and face of the diffuser. No blank-offs or baffles are required to meet special pattern or delivery requirements. ADP diffusers *provide rapid temperature equalization* with quiet, draftless efficiency.

The greater efficiency of ADP diffusers permit the use of smaller ducts and a material saving on *installation costs.*

ADP diffusers are made in a complete range of sizes and face patterns. The air to be delivered may be proportioned in *any required* direction. The Type S frame, as shown, is standard, however, ADP diffusers are available with flat frames, tile replacement frames and with removable cores.

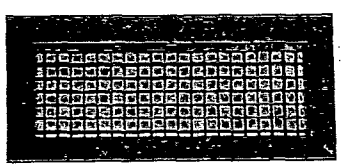
ADP diffusers are fabricated of cold rolled steel and welded throughout. Large diffusers are made of aluminum. The standard finish is baked on silvertone enamel. Special finishes are available.

The TOB volume control has true-opposed blades. The blades are pivoted at edge and orifices remain constant. No contrasting velocities. Fine adjustment with fast action.

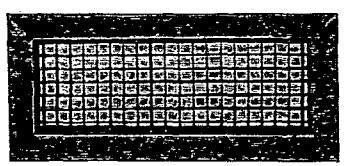
ADP diffusers and volume controls have been thoroughly field tested. Thousands of ADP diffusers are now performing with satisfaction in all types of industrial, commercial, residential and special applications.

All ADP diffusers have a smart trim appearance to blend with the decor of todays modern construction.

Sales engineering offices are located throughout the United States. They will welcome an opportunity to discuss your diffuser requirements.



K-310



K-130

ADP manufactures a complete line of adjustable bar grilles, registers and volume controls.

The "K" series shown above is available as a grille or register and in single or double deflection with or without attached dampers.

The new frame design gives an improved and attractive appearance and will add to any architectural treatment.

The "K" series is fabricated of extruded aluminum and the frame is of welded construction.

The solid section adjustable bars are of extruded aluminum and are spaced on ¾-in. centers and give top performance at a minimum noise level.

A complete line of volume controls is available.

Opposed blade dampers are adjustable through face of register with a removable key.

Dampers with individually adjusted blades are available.

Extractors are manufactured for permanent setting or with key operation.

We suggest you contact your ADP representative or write for catalog.

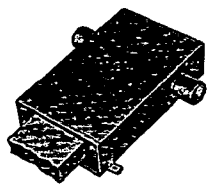
THERMOTANK INCORPORATED

11191 Lappin Ave., Detroit 34, Michigan
Windsor, Canada Glasgow, Scotland London, England Melbourne, Australia
Hamburg, Germany Oslo, Norway Basrah, Iraq Johannesburg, S. Africa

THERMO-REG UNITS

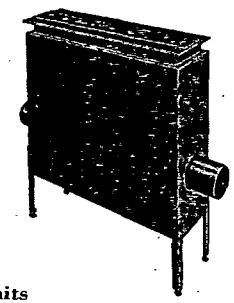
Thermo-Reg mixing and sound attenuating chambers for high-velocity air conditioning systems, single or dual duct, are available as (1) ceiling type or (2) under-window-type.

CEILING UNIT

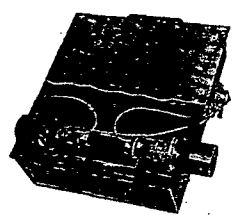


Thermo-Reg ceiling units for rooms or corridors serve one direct connected diffuser or several remote diffusers. They offer considerable flexibility to accommodate room modifications or changes in internal loads after installation.

PERIMETER UNITS



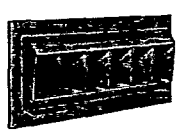
Thermo-Reg perimeter units, operating at a low sound level, supply conditioned air through the diffuser in the top or front of each unit. In single duct systems, room conditioners are controlled by a zone thermostat. In dual duct systems, they are individually controlled by a thermostat in the space served.



CON-VOL Equipped *High Velocity Mixing Units*

CON-VOL, a unique device now available in all Thermo-Reg Constant Volume perimeter and ceiling units assures precision control of air volume and temperature to meet all requirements regardless of inlet static pressure variations. CON-VOL utilizes flow regulators and standard pneumatic motors mounted on a sliding base. The entire system eliminates the need of complicated linkages.

DRUM PUNKAH LOUVRES



These units are specially designed for those heating or ventilating applications requiring extremely long throw. These units are suited for installations where large spaces must be served with a minimum of duct work. DRUM PUNKAH LOUVRES with directional air control and long throw are particularly adapted to large spaces in industrial plants, auditoriums and commercial establishments. Engineering data available.

ROUND PUNKAH LOUVRES



PUNKAH LOUVERS are nozzle-type outlets incorporating principles of high velocity air delivery with individual directional control for spot heating or cooling applications. These units are widely used in applications for air conditioning, heating and ventilating in ships, industrial plants, aircrafts, telephone exchanges and a variety of other applications. For complete *data ask for Catalog.*