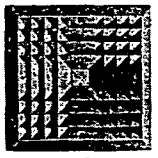
AIR DISTRIBUTION PRODUCTS

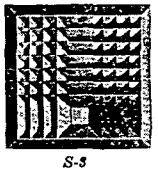
ADP

116 S. La Brea Avenue
Los Angeles 36, California



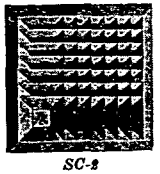
S-4

Four-Way Throw
360 deg distribution
High Induction



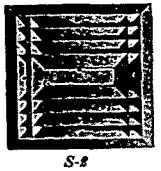
S-3

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



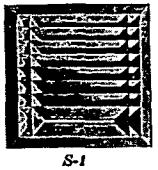
SC-2

Two-Way Corner
Complete 90 deg
distribution



S-2

Two-Way Throw
Side throw balanced
to area served



S-1

One-Way Throw
Side throw balanced
to area served

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.

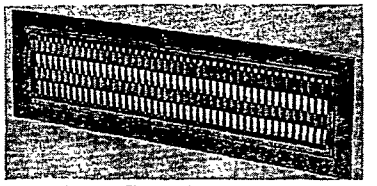
Sales engineering offices are located throughout the United States. They will welcome an opportunity to discuss your diffuser requirements.

AIR-FACTORS INC

1624 So. Raymond Ave.
Air Distribution

Monrovia, California
Air Control

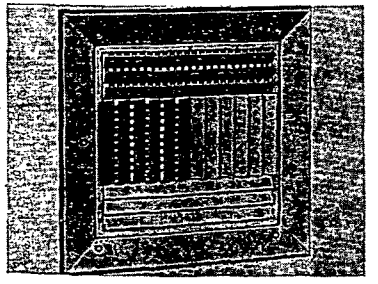
SERIES LCF SIDEWALL DIFFUSERS:



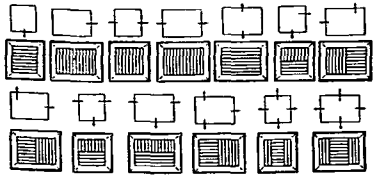
MODEL LCF-RC (Removable Core)

Factory set outlets distributing air in laminar counterflow layers mix supply with room air reaching design conditions in minimum time and space. LCF outlets can be equipped with secondary flexible horizontal vanes which may be reset on job, giving maximum, vertical control with varying length of blow.

SERIES B60 CEILING DIFFUSERS:

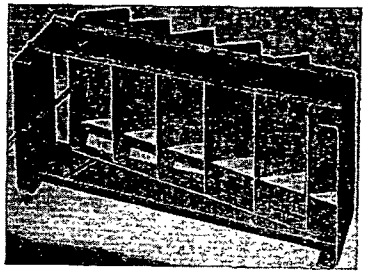


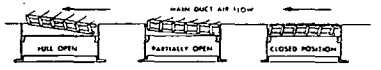
MODEL 4B60-RC (Removable Core)



Patented construction provides proportionately balanced air distribution with controlled total air motion through laminar counterflow core. Square or rectangular air diffusing outlets. Full range sizes and capacities allows maximum mixing of primary and secondary air with distribution of supply air in direct ratio to floor area.

SERIES AVP-QO Adjustable Air Proportioning Vanes:

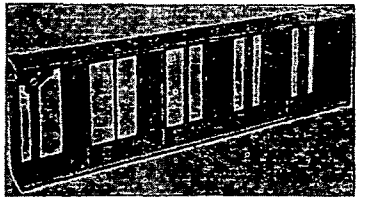




Maximum entry into duct 2½" when full open

Balances air distribution for given supply outlet. Quick opening feature extracts air with a 2½ in. maximum entrance into main duct, reducing velocity evenly over outlet face. Full shutoff. Manufactured separately or attached to sidewall ceiling outlet or diffuser. Key or rod operated.

SERIES OBD-KO Air Volume Control:



Opposed acting blades; center pivoted. Operate from full open to full closed position. Used directly attached to grille, diffuser or installed as separate unit. Key operated. Friction linkage maintains blades in position when set.

SERIES ACD DIFFUSER:

For ceiling installation. Patented laminar counterflow core and flexible vanes permit on-the-job adjustments for controlling blow length and ceiling discharge angle.