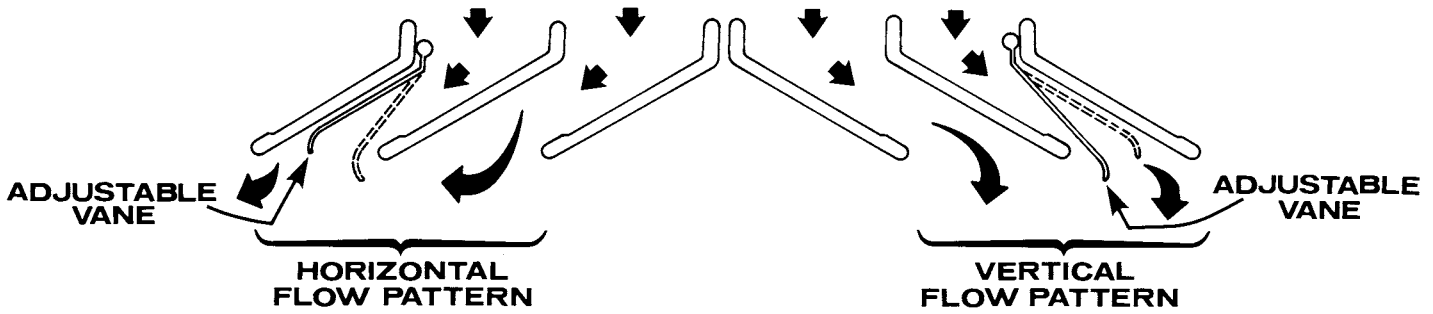


AVP – A – Adjustable-Core Ceiling Diffuser



FEATURES:

The AVP “A” permits easy adjustment from horizontal to vertical, or in-between, in locations where periodic changes are required.

Allows air-pattern control for cooling or heating in areas with high ceilings.

Permits concentrated air patterns for heating or cooling small areas.

ALSO AVAILABLE:

The AVP-A core can be made in all core styles shown on page 22 and can be adapted to any of the following frame styles:

FM, S, T, and PLT

VP-OB Damper optional

Example: AVP-A-FM (OB)

To obtain the performance data for the AVP-A adjustable diffuser, apply the following factors to the data listed on pages 15, 16, 17, 19, 20, 21, 22.

#1) Sound:

Horizontal discharge = NC + 1

Vertical discharge = NC + 3

#2) Pressure:

Horizontal discharge = TP × 1.2

Vertical discharge = TP × 1.8

#3) Throw:

@ 20° temperature differential (heating)

Horizontal = listed

Vertical = listed × .9

@ 20° temperature differential (cooling)

Horizontal = listed

Vertical = listed × 1.5

The throw factor applies to the 50 FPM terminal velocity throw only.

Example: 12 × 12 AVP-A, 600 CFM at a 20° temperature differential (heating), Vertical projection,

NC – 25 + 3 = 28

TP – .089 × 1.8 = .160

Throw – 21 × .9 = 18.9

DIMENSIONAL DETAILS for AVP-A are the same as that of the Surface Mount or Flush Mount.

Engineering Notes
