

APPLICATION

- Versatile supply air diffuser for constant or variable air volume heating, cooling, or ventilating
- Directed air diffusion for space coverage with great flexibility in space layout and geometry, and diffuser location
- Return air use to maintain matched appearance
- Surface mounted or suspended grid systems

PRODUCT FEATURES

- Square or rectangular neck sizes up to 57" in 3" increments
- 5 "application specific" air distribution patterns – 1 way, 2 way opposite, 2 way corner, 3 way, and 4 way
- Removable / interchangeable cores for cleaning or changing air distribution needs, without tools.
- Concealed core attachment – NO screws
- Arctic White baked-on finish

DIFFUSER OPTIONS

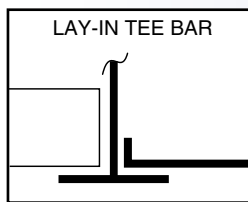
- Steel, aluminum, or stainless steel construction
- Steel, aluminum, or stainless steel opposed blade volume control damper (Model DOB)
- Square to round duct adapter (Model SRA)
- Equalizing deflector (Model DED) to provide uniform air flow
- Throw Reducing Vanes (Model TRV) direct air to the corners
- Pattern Flaps (Model PF) adjust air pattern from horizontal to vertical
- All aluminum construction for MRI applications



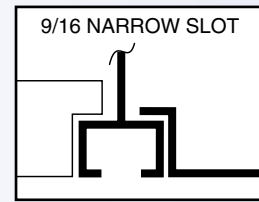
Model DP
24 x 24 module size, 12 x 12 neck, pattern 41 shown

GRID MODULE SIZE	MAX NECK SIZE
12 X 12	9 X 9
12 X 24	9 X 21
24 X 24	21 X 21
24 X 48	21 X 45
48 X 48	45 X 45

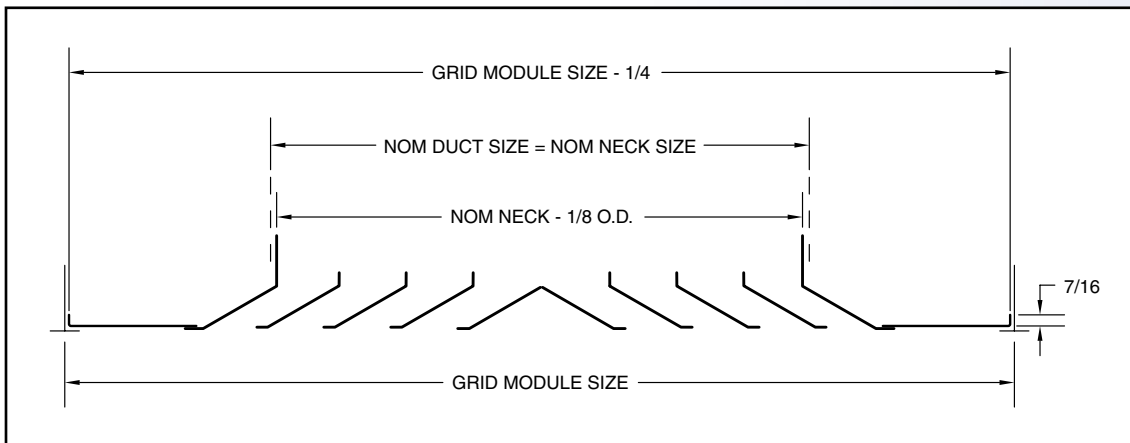
Model DP



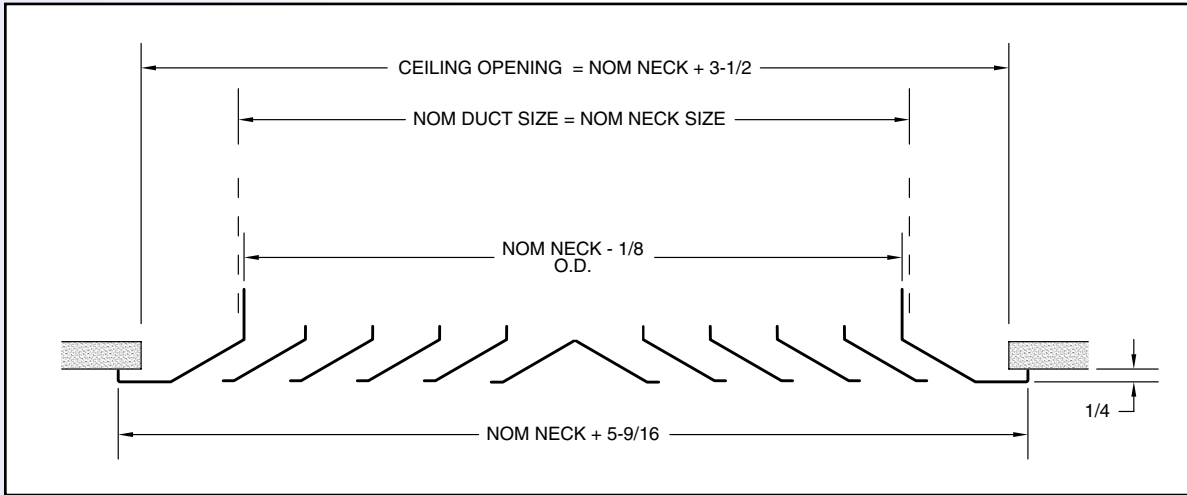
Model DD



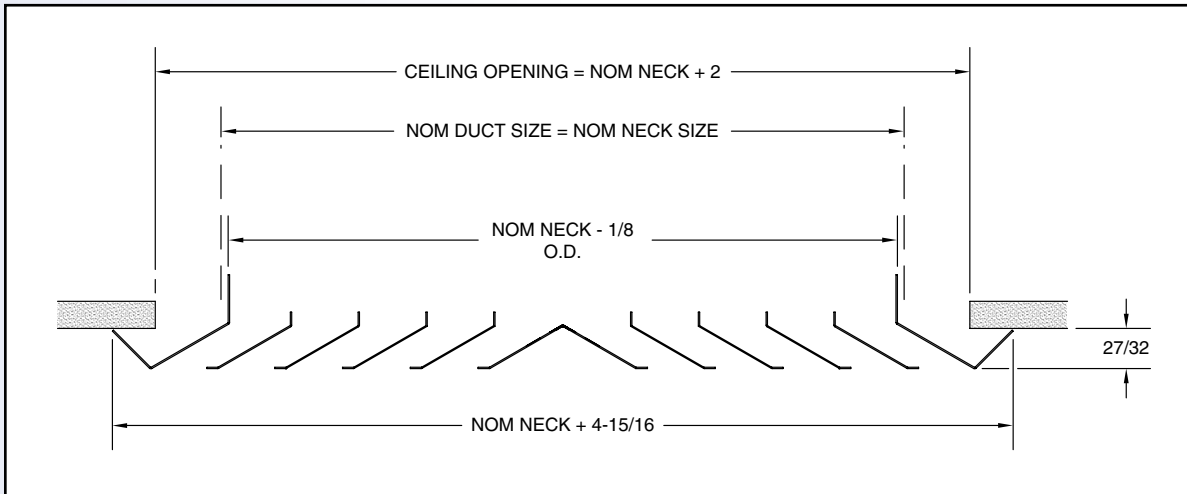
Model DP - Lay-In T-Bar



Model DF - Surface Mounted



Model DM - Surface Mounted with Beveled Frame



CORE PATTERNS (PLAN VIEW)				
	4 WAY	3 WAY	2 WAY	1 WAY
SQUARE	41	31	21	11
RECTANGULAR	42	32	22	12
		33	26	13

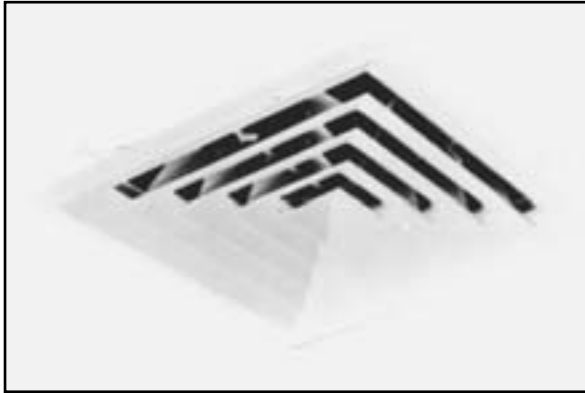


APPLICATION

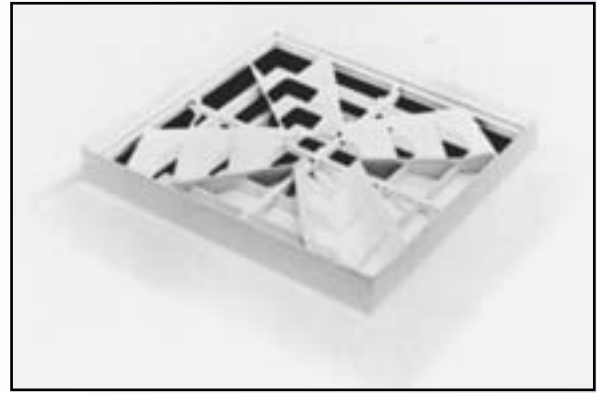
- Accessory used to redirect supply air into the corners of directional type diffusers
- Reduced throw distances due to contiguous air discharge pattern for increased entrainment of room air with improved coverage
- Increased location flexibility
- Recommended for constant or variable air volume heating, cooling, or ventilating

PRODUCT FEATURES

- Vanes are factory attached to the back of the removable diffuser core
- Available with any size diffuser

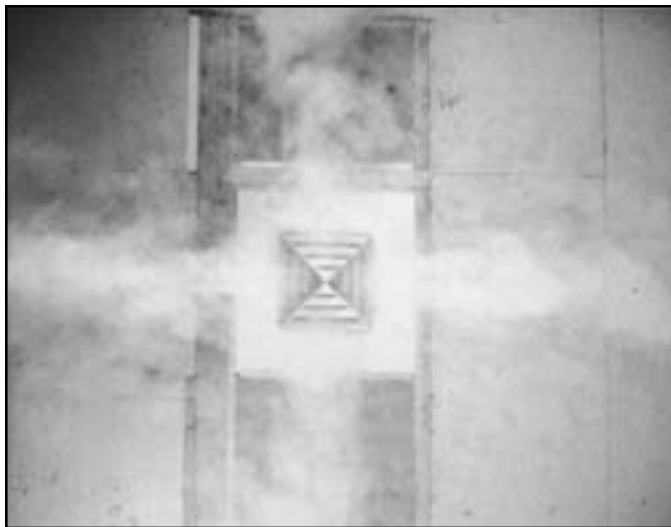


Face View, Core Pattern 41 (Model DF Shown)

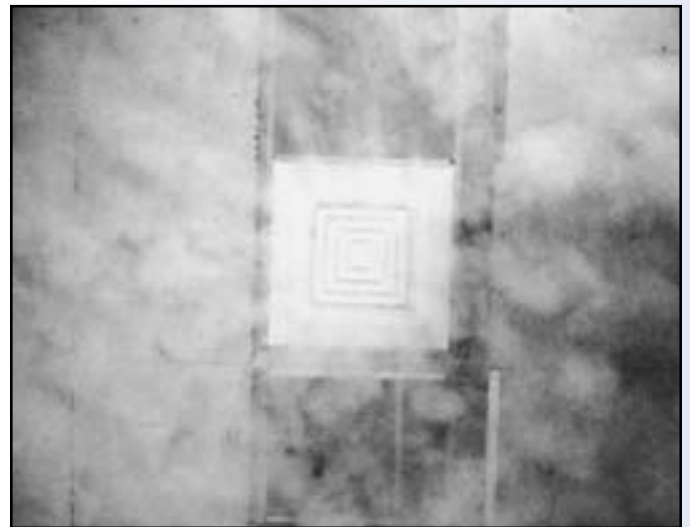


Neck View, Core Pattern 41 (Model DF Shown)

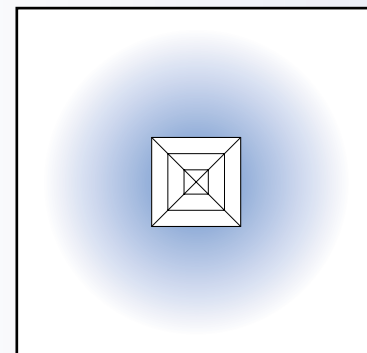
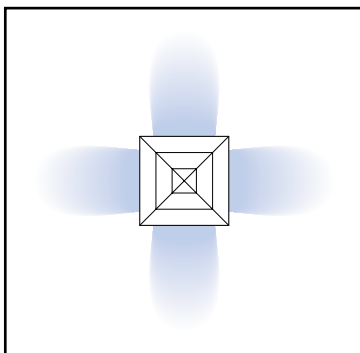
SMOKE TEST



STANDARD D-DIFFUSER



D-TRV DIFFUSER



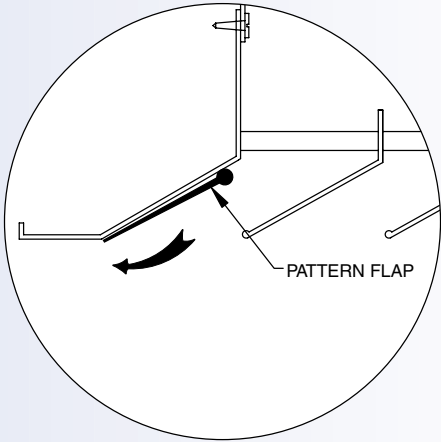
APPLICATION

- Accessory used for manual adjustment of discharge air pattern from horizontal to vertical projection
- Solves difficult air distribution applications for both heating and cooling of spaces, particularly with large floor-to-ceiling heights
- Intermediate control of air direction for both heating and cooling where seasonal changes of flap position are unrealistic
- Virtually invisible when in the UP position

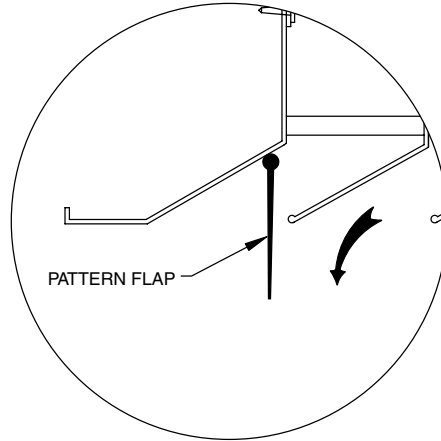
FEATURES

- Flaps constructed from heavy extruded aluminum
- Factory attached to any one of Anemostat's standard Model D outer frames – can also be field attached
- Effective in neck sizes 6" x 6" up to 24" x 24" (no more than 1 ft² of active neck area in a single direction)
- Same finish as diffuser

Note: Flaps can only be applied in blow direction.
(e.g. 2 way opposite blow pattern will have 2 flaps only)



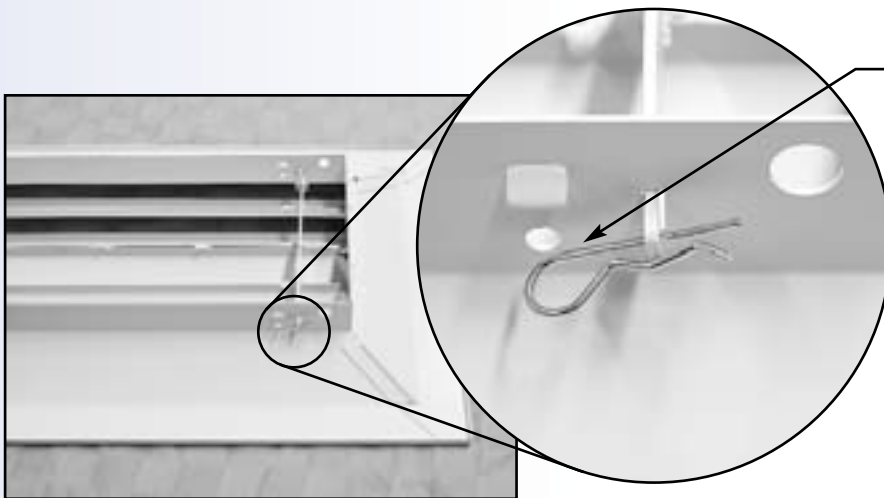
SECTION VIEW OF PATTERN FLAP SET FOR HORIZONTAL PATTERN.



SECTION VIEW OF PATTERN FLAP SET FOR VERTICAL PATTERN.



INSTALLATION TIP



Remove shipping clips prior to installation for removable core.