Model: **CMP-ADJ – Ceiling Multi Pattern Adjustable Vanes**

The CMP-ADJ adjustable vane diffuser was developed to provide a continuous adjustment from horizontal to vertical throw, on each face of a four way, or multi pattern CMP-A (Aluminium) diffuser.

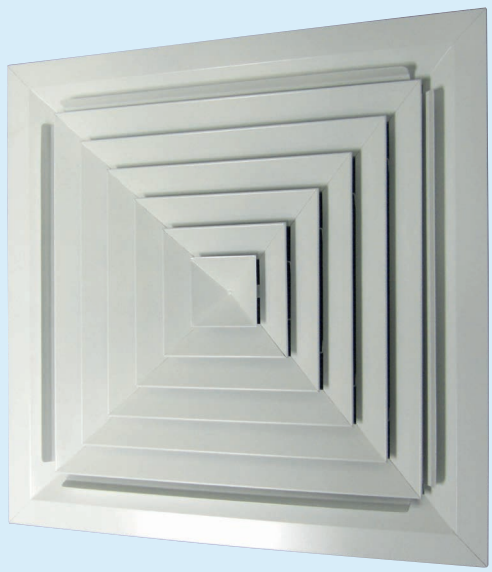
Features

- Fully adjustable throw pattern.
- Independent discharge pattern each side.
- Horizontal, or vertical throws.
- No adjustment tools required.
- Adjust through diffuser face.
- 4 way, or multi pattern core styles available up to 600 x 600 mm neck size.

Construction

CMP-ADJ diffusers are standard CMP-A aluminium construction, with clip-on extruded aluminium 6063 T5 adjustable throw vanes, all supplied in a durable powder coat finish to match the diffuser.

Adjustable Ceiling Diffuser



Notes on Performance Data

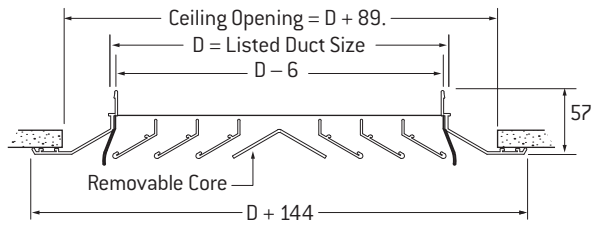
To obtain the performance data for the CMP-ADJ adjustable diffuser, apply the corrections from the table below to the listed data for square, 4 way core style CMP diffusers, as follows:

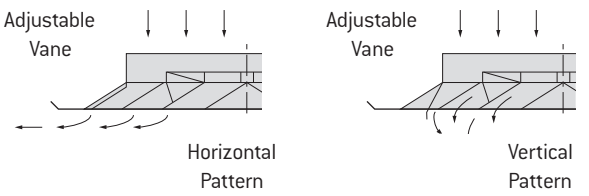
1. Sound: NC = listed + correction
2. Pressure drop: TP = listed x factor
3. Throw: Horizontal = listed, Vertical = listed x factor

Apply the throw factor to the 0.25 m/s terminal velocity throw only.

Example: 300 x 300 CMP-ADJ, 0.280 m^3/s, 20°C temperature difference heating, vertical projection:
NC=27+7=34 TP=25x2.3=57.5
Throw = 4.5 x 0.6 = 2.7m at 0.25m/s terminal velocity.

Note: Refer to page 170D for Product weights.





Series CMP-ADJ Performance Data

Neck Size	Sound, NC Add		Pressure, TP Multiply		Throw, Vertical			
					Cooling, ΔT Multiply	Heating, ΔT Multiply		
	H	V	H	V	10°	0°	10°	20°
150 x 150	3	7	1.3	1.6	1.3	1.1	0.8	0.6
225 x 225	3	7	1.5	2.3	1.5	1.2	0.9	0.6
300 x 300	3	7	1.5	2.3	1.6	1.3	1.0	0.6
375 x 375	3	7	1.5	2.3	1.7	1.3	1.0	0.6
450 x 450	3	7	1.5	2.3	1.7	1.3	0.9	0.6
525 x 525	3	7	1.5	2.3	1.7	1.3	0.8	0.5
600 x 600	3	7	1.5	2.3	1.5	1.1	0.7	0.3