



FIXED or ADJUSTABLE

With excellent air handling capabilities, CVE Multi Cone Diffusers are best suited to applications in airport terminals, warehouses and other large open plan areas.

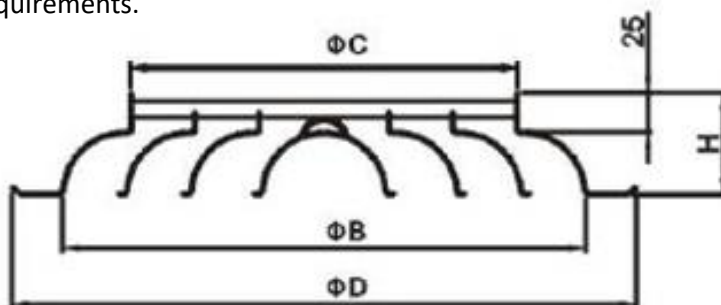
CVE Multi Cone Diffusers can be fitted into conventional ceilings and connected into ventilation systems with flexible ducting, or mounted to the end of rigid spiral ducting.

The aerodynamic design of internal components ensures the dreaded organ pipe effect is avoided, for the comfort of occupants.

In much the same way as air valves, Multi Cone Adjustable Diffuser core can be screwed in to provide a targeted downward throw, or screwed out creating a traditional sideways throw further enhancing comfort.

All major components are made from spun aluminium, with all edges beaded to give the unit better rigidity and to avoid injury when handling.

The standard finish for this product is RAL9010 with stove enamel paint. Other finishes are available to suit the interior and architectural design requirements.



Sizes Available / Dimensions - FIXED

CVE Product Code	Size	Neck (C)	Face (D)	(B)	Height (H)
CVMCDF-150	150mm	148mm	300mm	230mm	65mm
CVMCDF-200	200mm	198mm	350mm	280mm	65mm
CVMCDF-250	250mm	248mm	400mm	335mm	65mm
CVMCDF-300	300mm	299mm	450mm	380mm	65mm
CVMCDF-350	350mm	348mm	500mm	425mm	65mm
CVMCDF-400	400mm	398mm	560mm	495mm	65mm
CVMCDF-450	NON-STOCK - SPECIAL ORDER				
CVMCDF-500	NON-STOCK - SPECIAL ORDER				

Sizes Available / Dimensions - ADJUSTABLE

CVE Product Code	Size	Neck (C)	Face (D)	(B)	Height (H)
CVMCDA-150	150mm	145mm	344mm	270mm	110mm
CVMCDA-200	200mm	195mm	380mm	358mm	110mm
CVMCDA-250	250mm	245mm	475mm	452mm	110mm
CVMCDA-300	300mm	295mm	640mm	575mm	105mm
CVMCDA-350	350mm	345mm	730mm	665mm	105mm

Throws are based on diffusers mounted in a flat clear ceiling and Isothermal discharge to 0.25m/s terminal velocity.

Specs	Air l/s	Throw m.	NR	Pressure PA	Neck Velocity
150	20	0.4	-	2	1.13
	30	0.7	-	4	1.70
	40	1.1	12	10	2.25
	50	1.4	25	16	2.80
	60	1.9	37	18	3.40
200	40	0.8	-	3	1.27
	50	1.0	12	5	1.60
	60	1.4	21	8	1.90
	70	1.7	30	12	2.20
	80	2.0	36	15	2.55
250	50	0.8	-	2	1.02
	60	1.0	15	4	1.22
	75	1.3	24	6	1.53
	85	1.5	28	8	1.73
	100	1.8	33	12	2.04
300	70	0.8	-	2	1.58
	85	1.1	12	4	1.46
	95	1.3	24	7	1.64
	120	1.6	29	9	1.94
	140	2.0	34	12	2.08
350	80	0.8	-	2	1.13
	95	1.1	12	4	1.34
	110	1.3	24	7	1.55
	130	1.6	29	9	1.84
	150	2.0	34	12	2.12
400	125	1.2	-	2	1.0
	150	1.5	10	3	1.2
	175	1.8	14	5	1.4
	200	2.0	25	7	1.6
	225	2.2	29	9	1.8
	250	2.6	34	11	2.0