

## UES 4-Way Ceiling Diffuser – Model CDM

The UES **CDM** 4-Way ceiling diffuser (CD4s) are suitable for the Standard 600x600mm Suspension Ceiling Tile System and the 450 x 450mm neck size CD4 is the standard replacement for a full ceiling tile.

The CD4s come with removable inner 4-way core, manufactured from lightweight aluminium construction, finished with Powder Coating to RAL standards.

### APPLICATIONS

Airport / Cinema / Computer Room / Exhibition Centre / Hospital / Hotel  
Kitchen / Laboratory / Marine & Offshore / Office Area / Restaurant  
Supermarket / Theatre

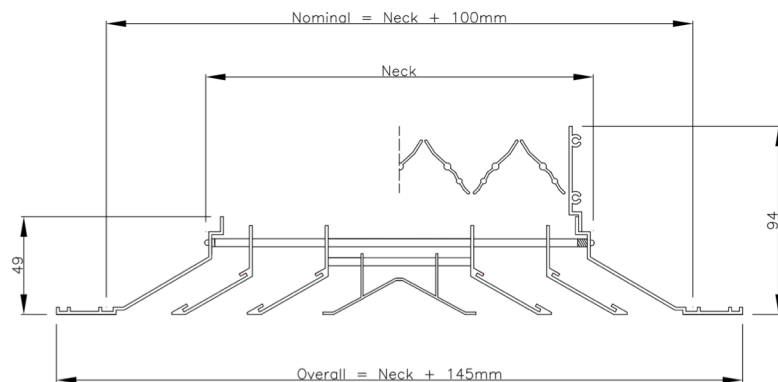
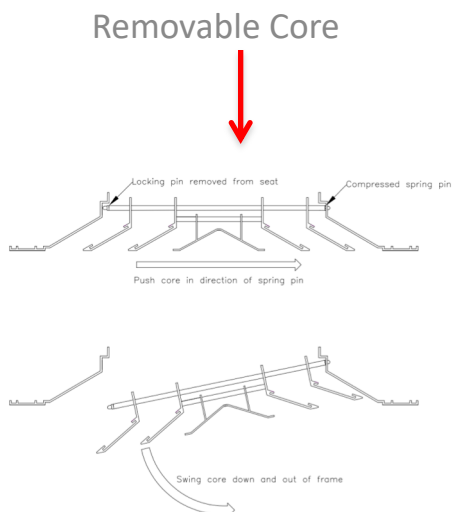
### CONSTRUCTION

Material :- Aluminium, grade 1060.

Material Thickness Outer Frame:- 0.9mm +/- 0.03

Material Thickness Inner Core:- 0.7mm +/- 0.03

Core:- Flanged Horizontal Blow Diffuser  
(4-Way)



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**TECHNICAL DATA / CDM (CD4s)**

CD4 - Square sizes							
SIZE	AK m sq.	NECK VELOCITY m/s	1.5	2	2.5	3	3.5
		Total Pd mm wg	0.9	1.5	2.3	3.3	4.3
150 x 150	0.0097	m cub/sec	0.0361	0.0472	0.0597	0.0708	0.0833
		Throw min-max (m)	0.7 - 1.6	0.9 - 1.9	1.3 - 2.2	1.6 - 2.5	1.6 - 2.8
		Noise (dB)					19
225 x 225	0.0219	m cub/sec	0.0805	0.1069	0.1319	0.1611	0.1861
		Throw min-max (m)	1.3 - 2.5	1.6 - 3.1	1.9 - 3.4	2.2 - 3.7	2.5 - 4.0
		Noise (dB)				23	27
300 x 300	0.039	m cub/sec	0.1416	0.1888	0.2361	0.2833	0.3305
		Throw min-max (m)	1.6 - 3.4	1.9 - 4.0	2.5 - 4.3	2.9 - 4.9	3.4 - 5.2
		Noise (dB)		20	25	29	32
375 x 375	0.0609	m cub/sec	0.2222	0.2958	0.368	0.4444	0.5166
		Throw min-max (m)	1.9 - 4.3	2.2 - 4.9	3.1 - 5.5	3.7 - 6.1	4.3 - 6.4
		Noise (dB)		24	29	33	37
450 x 450	0.0878	m cub./sec.	0.3194	0.425	0.5319	0.6375	0.7444
		Throw min-max (m)	2.2 - 5.2	2.8 - 5.8	3.7 - 6.7	4.3 - 7.4	4.9 - 8.0
		Noise (dB)	22	28	33	36	40
525 x 525	0.12	m cub./sec.	0.4347	0.5791	0.7222	0.8694	1.0138
		Throw min-max (m)	2.5 - 6.1	3.4 - 7.1	4.3 - 7.7	4.9 - 8.6	5.8 - 9.2
		Noise (dB)	25	31	36	39	43
600 x 600	0.156	m cub./sec.	0.5666	0.7555	0.9444	1.1333	1.3222
		Throw min-max (m)	2.8 - 6.7	4.0 - 8.0	4.6 - 8.9	5.8 - 9.8	6.7 - 10.4
		Noise (dB)	27	33	38	43	46

