



**K. P. RANGE**



The KP Type Diffusers are designed to give an even distribution of air in either 1,2,3 or 4 way pattern by simply adjusting the deflectors, hidden behind the hindered perforated face.

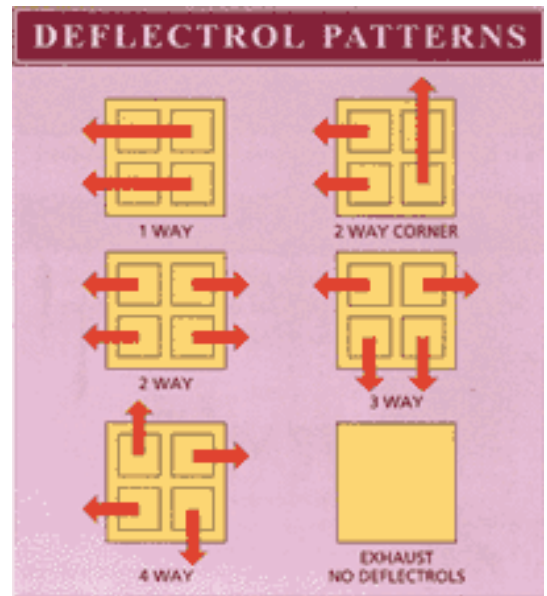
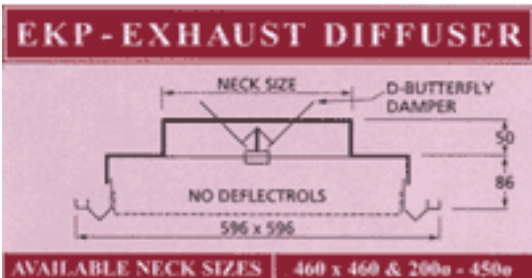
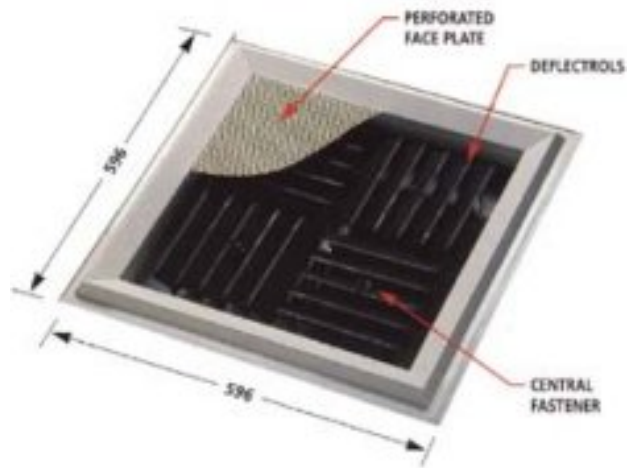
The supply and extract versions have the same external appearance and a high quality finish which blend neatly into the 600x800 suspended ceilings.

Cleaning the diffuser is made easy by the hinged, or screw fixed perforated face and demountable deflectors, while the frame design protects the surrounding ceiling from unsightly smudging.

Suitable for most projects i.e offices, restaurants and kitchens etc.

Setting of the damper is achieved by opening the perforated and turning the adjusting screw.

**FACE/INTERIOR VIEWS  
 SKP DIFUSSER**



**SKP - Supply Diffuser - 300ø Neck.**  
Radius of Diffusion - M (FT)

NECK VELOCITY	M/S	2	3	4	5
	F.P.M.	400	600	800	1000
4 WAY	MIN-MAX	0.31-1.07	0.69-1.98	1.22-2.45	1.68-3.5
		1.0'-3.5'	2.25'-6.5'	4.0'-8.0'	5.5'-11.5'
3 WAY	MIN-MAX	0.31-0.76	0.45-1.5	0.69-1.98	1.22-2.24
	SHORT	1.0'-2.5'	1.5'-5.0'	2.25'-6.5'	4.0'-8.0'
3 WAY	MIN-MAX	0.36-1.22	0.99-3.05	1.53-3.5	2.2-3.96
	LONG	1.2'-4.0'	3.25'-10.0'	5.0'-11.5'	7.0'-13.0'
2 WAY	MIN-MAX	0.36-1.83	0.61-2.45	1.22-3.5	1.68-4.57
		1.2'-6.0'	2.0'-8.0'	4.0'-11.5'	5.5'-15.0'
1 WAY	MIN-MAX	0.38-2.45	1.83-3.5	3.2-5.49	4.6-7.9
		1.25'-8.0'	6.0'-11.5'	10.5'-18.0'	15.0'-26.0'
PRESSURE LOSS	PA	4.25	7.47	16.2	25.0
	"W.G."	0.017"	0.03"	0.065"	0.1"
NOISE LEVEL	dB	15	27	35	43

Min & Max of Diffusion, is measured at 0.75m/s & 0.30m/s terminal velocities when mounted at a 3m ceiling height.

**FINISH**

Gloss white as standard (for easy cleaning) but any BS colour can be supplied on request.

**NON STANDARD SIZES**

Non Standard sizes are available. Details upon request.

**OTHER PRODUCTS**

Full range of complimentary grille products including Louvre faced diffusers, circular diffusers, Egg-crate grilles, Double deflection grilles.



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We reserve the right to make specification changes without prior notice or obligation

**EKP - Exhaust Diffuser - 460 x 460 Neck.**  
Neck Velocity and Pressure Loss

NECK VELOCITY	M/S	2	4	6	8	10
	F.P.M.	400	800	1200	1600	2000
PRESSURE LOSS	PA	2	5	10	16	25
	"W.G."	0.008"	0.02"	0.04"	0.064"	0.1"
NOISE LEVEL	dB	—	—	20	32	43

**EKP - Exhaust Diffuser - 300ø Neck.**  
Neck Velocity and Pressure Loss

NECK VELOCITY	M/S	2	4	6	8	10
	F.P.M.	400	800	1200	1600	2000
PRESSURE LOSS	PA	3	10	15	20	30
	"W.G."	0.01"	0.04"	0.06"	0.08"	0.12"
NOISE LEVEL	dB	—	—	25	35	43

