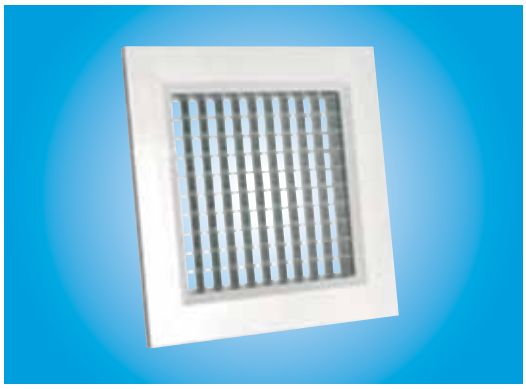
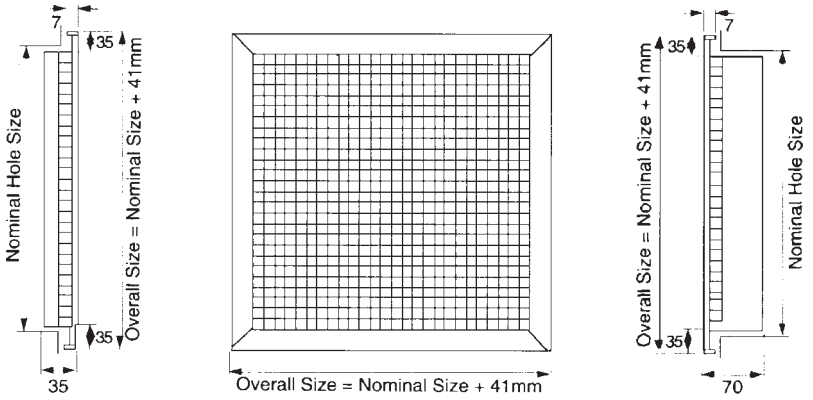
Egg Crate Grilles

by Express-air



Egg Crate Grilles are the latest addition to the Express-air Product Range. Egg Crate Grilles are designed for use in exhaust or return air situations and may be mounted in walls or ceilings. Made fully out of Aluminium, the Grille has outer frame manufactured from heavy extrusion which can accommodate the egg crate core. Grilles upto 600 mm x 600 mm are available, which can be mounted efficiently in the ceilings. The Grille core has a standard ½" x ½" x ½" Egg Crate Size. The free area of the grille is >90% of the nominal area, providing maximum air flow and very low noise levels. Egg Crate Grilles can also be supplied as plain cores according to customers' needs. Standard finish is Egg Shell White colour – RAL 9010. Can be supplied in other colours as per the requirement of the customers.

Order Ref Code	Free Area M^2	Neck Size mm	Vel m/s	1,5	2	2,5	3	3,5	4	5
			Pa	4	6	9	13	18	23	34
ECG100W	0,009	100 x 100	m^3/s	0,014	0,018	0,023	0,027	0,032	0,036	0,045
			NR	-	-	-	-	22	25	31
ECG150W	0,019	150 x 150	m^3/s	0,029	0,038	0,048	0,057	0,067	0,076	0,095
			NR	-	-	-	-	22	25	31
ECG200W	0,034	200 x 200	m^3/s	0,051	0,068	0,085	0,102	0,119	0,136	0,170
			NR	-	-	-	18	25	28	35
ECG250W	0,054	250 x 250	m^3/s	0,081	0,108	0,135	0,162	0,189	0,216	0,270
			NR	-	-	-	19	26	28	37
ECG300W	0,078	300 x 300	m^3/s	0,117	0,156	0,195	0,234	0,273	0,312	0,390
			NR	-	-	16	20	28	32	40
ECG350W	0,106	350 x 350	m^3/s	0,159	0,212	0,265	0,318	0,371	0,424	0,530
			NR	-	-	17	23	30	32	42
ECG400W	0,144	400 x 400	m^3/s	0,216	0,288	0,360	0,432	0,504	0,576	0,720
			NR	-	-	19	24	29	33	43
ECG450W	0,182	450 x 450	m^3/s	0,273	0,364	0,455	0,546	0,637	0,728	0,910
			NR	-	-	20	25	33	35	45
ECG500W	0,231	500 x 500	m^3/s	0,347	0,462	0,578	0,693	0,809	0,924	1,155
			NR	-	-	21	26	33	36	46
ECG595W	0,299	550 x 550	m^3/s	0,449	0,598	0,748	0,897	1,047	1,196	1,495
			NR	-	-	22	28	34	38	50

Opposed blade dampers are available for all sizes of Egg crate grilles, please quote ref EAOBD*** (*** neck size)
Plenum boxes with either side or top entry made to order - please specify duct diameter