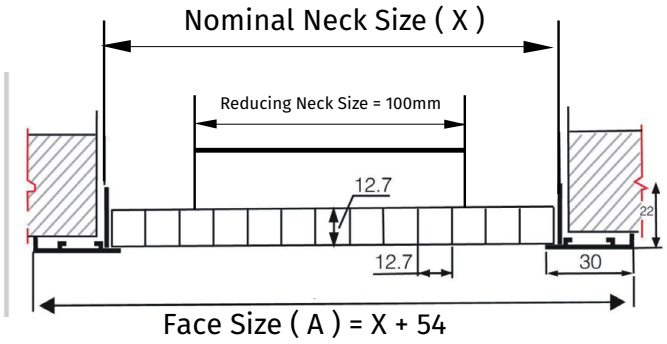
Eggcrate Grilles with Fixing Clip Reducing Neck

Features

- Ideal for exhaust and return air applications.
- The Eggcrate Grille is the most popular and economical for exhaust and return air applications.
- The Eggcrate Grille with fixing clip reducing neck allows the installer to simply push the core up and easily fix the frame into position and drop the core back into the outer frame.

Design

- Capable of transferring or returning high air volumes at minimum pressure requirements
- Made of extruded aluminium
- Rigid, heavy gauge extruded frames with reinforced mitered and welded corners
- Surface mounting or concealed mounting
- Sizes manufactured on request
- Filter: Non woven fabrics or nitrilon



Nominal Neck Metric (X)	Face Size (A)
150×150 mm	200×200 mm
200×200 mm	250×250 mm
250×250 mm	300×300 mm
300×300 mm	350×350 mm

Grilles are powder coated white as standard
The first number is for horizontal dimension and the second number is for vertical dimension

Quick Selection Table

Nom. Neck (mm)	Equivalent Size (mm)	Core Area (m^2)	V_K / P_t	1.5 / 1	2.0 / 3	2.5 / 4	3.0 / 6	3.5 / 8	4.0 / 10	4.5 / 13	5.0 / 16	6.0 / 23
150×150	225×100	0.020	Q	30	41	51	61	71	81	91	101	122
			NR	<15	<15	15	19	23	26	29	32	37
200×150	250×125	0.027	Q	41	54	68	81	95	108	122	135	162
	300×100		NR	<15	<15	16	19	23	26	29	32	37
250×150	300×125	0.034	Q	54	72	90	108	126	144	162	180	216
	400×100		NR	<15	<15	16	19	23	26	30	33	38
200×200	350×125	0.036	Q	61	81	101	122	142	162	182	203	243
			NR	<15	<15	16	19	24	26	30	33	38
300×150	450×100	0.041	Q	81	108	135	162	189	216	243	270	324
			NR	<15	<15	16	20	24	27	30	33	38
300×200	400×150	0.054	Q	84	113	141	169	197	225	253	281	338
	600×100		NR	<15	<15	16	20	24	27	30	34	39
250×250	350×175	0.056	Q	91	122	152	182	213	243	273	304	365
	650×100		NR	<15	<15	16	20	25	27	30	34	39
450×150	350×200	0.061	Q	101	135	169	203	236	270	304	338	405
	750×100											
	700×100		NR	<15	<15	16	20	25	27	31	35	39
	–											
300×250	400×200	0.068	Q	122	162	203	243	284	324	365	405	486
	500×200											
	600×125		NR	<15	<15	16	21	25	28	31	35	40
	–											
300×300	350×250	0.081	Q	165	221	276	331	386	441	496	551	662
	450×200											
	600×150		NR	<15	<15	17	21	26	28	31	35	40
	950×100											
350×350	400×300	0.110	Q	182	243	304	65	425	486	547	608	729
	500×250											
	600×200		NR	<15	<15	17	21	26	28	31	36	41
	850×150											
450×300	400×350	0.122	Q	203	207	338	405	473	540	608	675	810
	550×250											
	700×200		NR	<15	<15	17	22	26	28	32	36	41
	950×150											
600×250	500×300	0.135	Q	216	288	360	432	404	576	648	720	864
	750×200		NR	<15	<15	17	22	26	29	32	37	42
400×400	400×350	0.144	Q	243	324	405	486	567	648	729	810	972
	550×300											
	750×200		NR	<15	<15	17	22	26	29	32	37	42
	–											
600×300	450×400	0.162	Q	273	365	456	547	638	729	820	911	1094
	500×350											
	750×2509		NR	<15	<15	17	22	27	29	33	38	43
	900×200											
450×450	500×400	0.182	Q	304	405	506	608	709	810	911	1013	1215
	600×350											
	700×300		NR	<15	<15	17	22	27	29	33	38	43
	800×250											
750×300	500×450	0.203	Q	380	450	563	675	788	900	1013	1125	1350
	650×350											
	550×400		NR	<15	<15	17	23	27	30	33	38	44
	900×250											
500×500	600×450	0.225	Q	408	545	681	817	953	1089	1225	1361	1634
	650×400											
	750×350		NR	<15	<15	17	23	27	30	34	39	44
	900×300											
550×550	600×500	0.272	Q	486	648	810	972	1134	1296	1458	1620	1944
	650×450											
	750×400		NR	<15	15	17	24	28	31	35	39	45
	900×350											

SYMBOLS:

V_K – Effective velocity in m/s
Pressure (P_t) – All pressures are in Pa (N/m^2)
Q – Flow rate (l/s)
NR – Noise level index in dB based on a room absorption and one diffuser