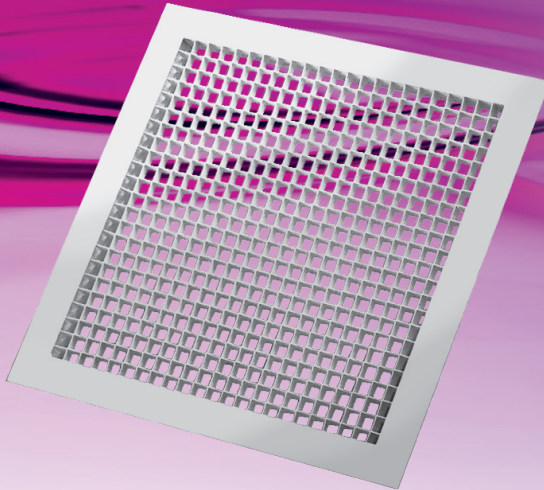


RG Eggcrate Type Return Air Grille



ASLI RG is a type of grille with eggcrate design which allows the maximum air flow. It offering high free area and suitable for high air volumes with minimal pressure drop application.

Materials

RG-A

Grille Frame : Extruded Aluminium A6063.
Eggcrate Blade : 0.5mm Aluminium Grid Core.

Surface Finish

Baked white powder coated.
Other available upon request.

Size

All sizes are available upon request.

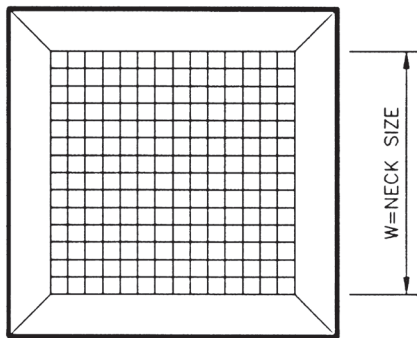
Features

- 12mm x 12mm x 12mm aluminium grid core.
- Offers the largest free area for air transfer. Normally installed on ceiling.
- Approximately 88% free area.
- The grille will come in more sections for size larger than neck size 1200 x 1200mm

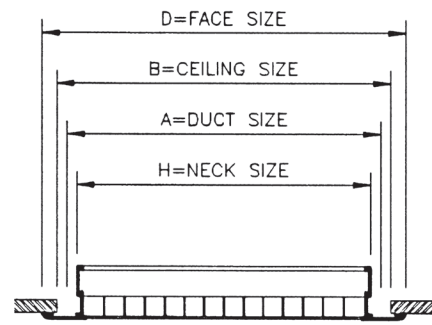
Accessories

- C1 Radial fan Blade damper
- C2 Crown damper
- D2 Adapter
- G1 Opposed blade damper
- IS Insect nettings

RG Physical Dimension *Unit : mm*



Top View



Sectional View

Model	A Duct Size	B Wall Size	D Face Size
RG-A	W+10 H+10	W+20 H+20	W+30 H+30

RG Eggcrate Type Return Air Grille

RG Performance Data

Neck Size Area (m ²)	Neck Size (mm x mm)	Neck Vel. (m/s)	2.0	2.5	3.0	3.5	4.0	5.0	6.0
		Vel. Press(mmAq)	0.25	0.4	0.55	0.75	1.0	1.55	2.2
		Neg. SP(mmAq)	0.7	1.1	1.5	2.1	2.7	4.2	6.1
0.025	250 x 100	CMH	180	225	270	315	360	450	540
	200 x 125	NC	28	31	33	34	36	38	39
0.03	300 x 100	CMH	216	270	324	378	432	540	648
	200 x 150	NC	28	31	33	34	36	38	39
0.04	400 x 100	CMH	288	360	432	504	576	720	864
	250 x 150	NC	28	31	33	34	35	38	39
0.045	350 x 125	CMH	324	405	486	567	648	810	972
	300 x 150	NC	28	30	32	34	35	37	39
0.05	350 x 150	CMH	260	450	540	630	720	900	1080
	250 x 200	NC	27	30	31	33	34	36	38
0.06	600 x 100	CMH	432	540	648	756	864	1080	1296
	400 x 150	NC	27	29	31	33	34	36	38
0.075	600 x 125 / 350 x 200	CMH	540	675	810	945	1080	1350	1620
	500 x 150 / 300 x 250	NC	26	29	30	32	33	35	37
0.09	700 x 125 / 400 x 200	CMH	648	810	972	1134	1296	1620	1944
	550 x 150 / 350 x 250	NC	26	28	30	32	33	35	37
0.1	750 x 125 / 450 x 200	CMH	720	900	1080	1260	1440	1800	2160
	660 x 150 / 400 x 250	NC	26	28	30	32	32	35	36
0.12	900 x 125 / 450 x 250	CMH	864	1080	1296	1512	1728	2160	2592
	750 x 150 / 350 x 300	NC	25	28	29	31	32	35	36
0.128	850 x 150 / 500 x 250	CMH	922	1152	1382	1612	1843	2304	2765
	600 x 200 / 400 x 300	NC	25	28	29	30	32	34	36
0.135	1200 x 125 / 450 x 300	CMH	972	1215	1458	1700	1944	2430	2916
	900 x 150 / 400 x 350	NC	25	27	28	30	31	33	35
0.18	900 x 200 / 600 x 300	CMH	1296	1620	1944	2268	2592	3240	3888
	750 x 250 / 450 x 400	NC	24	26	28	29	31	33	35
0.27	750 x 350 / 600 x 450	CMH	1944	2430	2915	3402	3888	4860	5832
	660 x 400 / 550 x 500	NC	23	25	27	28	30	32	34
0.36	1200 x 300 / 750 x 450	CMH	2592	3240	3888	4536	5184	6480	7776
	900 x 400 / 600 x 600	NC	22	24	26	27	29	31	33

• NC value is based on a room absorption of 10 dB, re 10⁻¹² watts.

RG Order Code

Model	Material	Accessories	Face Size	Neck Size
RG	A	IS	B 280 x 130	N 250 x 100

Example : RG - A + IS - B 280 x 130, N 250 x 100