

RY Transfer Grille



ASLI RY is a type of grille with inverted-V blade design which light is not permitted to penetrate through the grille.

Materials

RY-A

Frame : Extruded aluminium A6063.
Blade : Extruded aluminium A6063.

Surface Finish

Baked white powder coated.
Other available upon request.

Size

All sizes are available upon request.

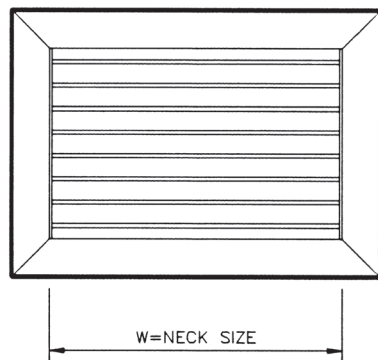
Features

- Sight-proof core design.
- Widely used in doors and partitions to allow air flow into or out of space. They are also used in theatres or dark room where light is not permitted to penetrate through the grille.
- The grille will come in more sections for blade length that is more than 600mm.
- Approximately 59% free area.

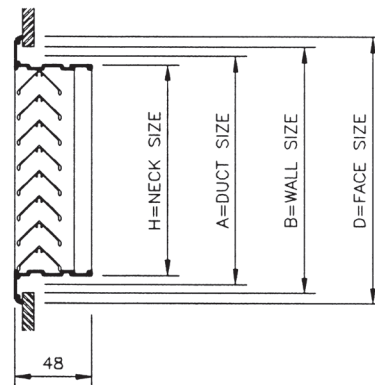
Accessories

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

RY Physical Dimension Unit : mm



Top View



Sectional View

Model	A Duct Size	B Wall Size	D Face Size
RY-A	W+10 H+10	W+20 H+20	W+54 H+54

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RY Performance Data

Neck Size Area (m²)	Neck Size (mm x mm)	Neck Vel. (m/s)	1.5	2.0	2.5	3.0	3.5	4.0	4.5
		Vel. Press(mmAq)	0.16	0.25	0.4	0.55	0.75	1.0	1.25
		Neg. SP(mmAq)	3.4	5.9	9.3	13.3	18.1	23.6	29.8
0.025	250 x 100	CMH	135	180	225	270	315	360	405
	200 x 125	NC	29	38	46	50	56	58	62
0.03	300 x 100	CMH	162	216	270	324	378	432	486
	200 x 150	NC	30	40	47	51	57	59	63
0.04	400 x 100	CMH	216	288	360	432	504	576	648
	250 x 150	NC	31	41	48	53	58	60	64
0.045	350 x 125	CMH	243	324	405	486	567	648	729
	300 x 150	NC	32	42	49	54	58	61	65
0.05	350 x 150	CMH	270	360	450	540	630	720	810
	250 x 200	NC	32	42	49	54	58	61	65
0.06	600 x 100	CMH	324	432	540	648	756	864	972
	400 x 150	NC	33	43	50	54	59	62	66
0.075	600 x 125 / 350 x 200	CMH	405	540	675	810	945	1080	1215
	500 x 150 / 300 x 250	NC	34	43	50	54	59	63	67
0.09	700 x 125 / 400 x 200	CMH	486	648	810	972	1134	1296	1458
	550 x 150 / 350 x 250	NC	34	44	50	55	60	64	68
0.1	750 x 125 / 450 x 200	CMH	540	720	900	1080	1260	1440	1620
	660 x 150 / 400 x 250	NC	35	45	50	56	61	65	69
0.12	900 x 125 / 450 x 250	CMH	648	864	1080	1296	1512	1728	1944
	750 x 150 / 350 x 300	NC	36	45	51	57	62	66	70
0.128	850 x 150 / 500 x 250	CMH	691	922	1152	1382	1612	1843	2073
	600 x 200 / 400 x 300	NC	36	46	51	57	62	66	70
0.135	1200 x 125 / 450 x 300	CMH	729	972	1215	1458	1700	1944	2187
	900 x 150 / 400 x 350	NC	36	46	51	57	62	66	70
0.18	900 x 200 / 600 x 300	CMH	972	1296	1620	1944	2268	2592	2916
	750 x 250 / 450 x 400	NC	36	46	51	57	62	66	70
0.27	750 x 350 / 600 x 450	CMH	1458	1944	2430	2915	3402	3888	4374
	660 x 400 / 550 x 500	NC	36	46	51	57	62	66	70
0.36	1200 x 300 / 750 x 450	CMH	1944	2592	3240	3888	4536	5184	5832
	900 x 400 / 600 x 600	NC	46	46	52	58	63	67	72

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

RY Order Code

Model	Material	Accessories	Face Size	Neck Size
RY	A	IS	B 304 x 154	N 250 x 100

Example : RY - A + IS - B 304 x 154, N 250 x 100