

RY Transfer Grille

Materials

- RY-A Extruded aluminium A6063.

Surface Finish

- Baked white powder coat or natural anodized.

Features

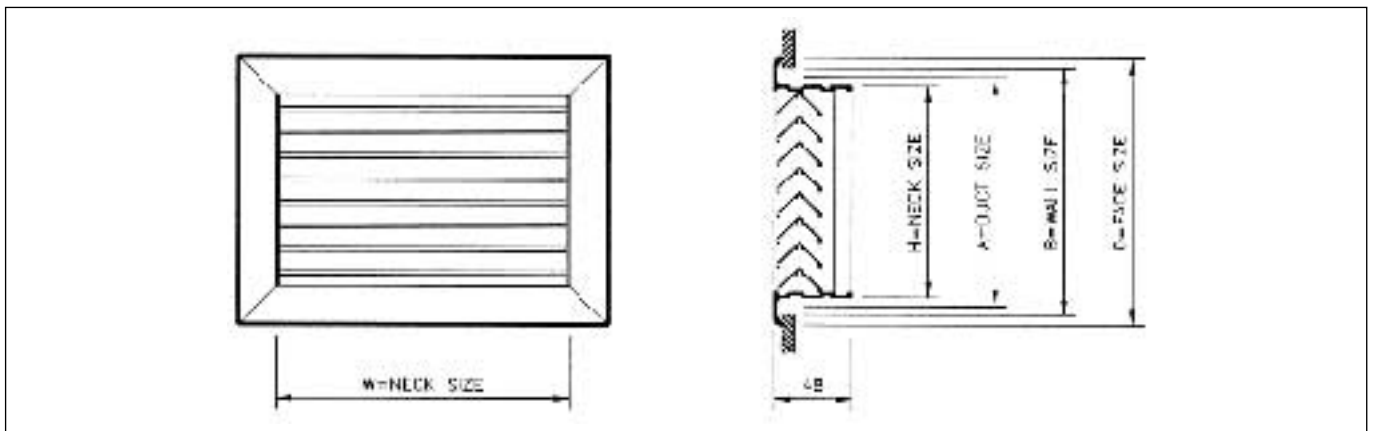
- The blade is in the form of inverted-V louver. It has a sight-proof core design.
- Widely used in doors and partitions to allow air flow into or out of space. They are also used in theatres or dark room where light is not permitted to penetrate through the grille.
- Model RY has a more rigid frame & blade assuring durability & long service.
- The grille will come in more sections for blade length that is more than 600mm.
- Approximately 59% free area.



Accessories

- R6 Insect netting.

RY Construction Illustrations



RY Physical Dimension Unit:mm

Model	Materials	Thickness		A Duct Size	B Wall Size	D Face Size	Order Key
		Frame	Blade				
RY-A	Extruded Aluminium A6063	1.0	1.0	W+10 H+10	W+20 H+20	W+54 H+54	$\text{RY} - \text{A} + 350 \times 150 \times \text{R6}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> W Materials Model </div> <div style="text-align: center;"> H Accessories </div> </div>

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RY Performance Data

Neck Area m ²	Neck Size mm		Neck Vel. M/S	1.5	2	2.5	3	3.5	4	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.