

ACOUSTIC GRILLS ACC-RA



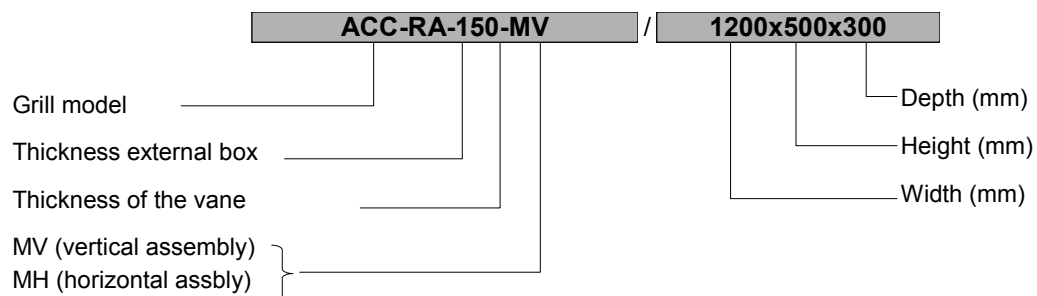
APPLICATIONS

Acoustic grills are designed for reduction of noise in ventilation installations, industrial air-conditioning and domestic, normally in tailored construction. They are calculated and designed regarding the airflow, attenuation and the minimum pressure drop with the minimum volume.

DESCRIPTION

- Manufactured in galvanized Steel or in stainless Steel, with the thickness indicated for the low and medium pressure inside, could be modified for pressures over 80 mm w.c.
- Internal absorbent material no combustible and inorganic, mixed with fibres of different densities. The material is sectioned depending on the main frequency noise, the material will be flat or undulated depending on the attenuation level required.
- We protect the absorbent material with galvanized perforated or extruded plates, depending on the absorption surface required and the main frequencies of noise, in order to warranty the attenuation.
- Aerodynamic designs in frontal face of the vane in order to assure the minimum pressure drop and the regenerated noise.
- Fixing way designed in the metal frame depending on the assembly place (ceiling, wall, vertical or horizontal).

REFERENCE FOR ORDERING

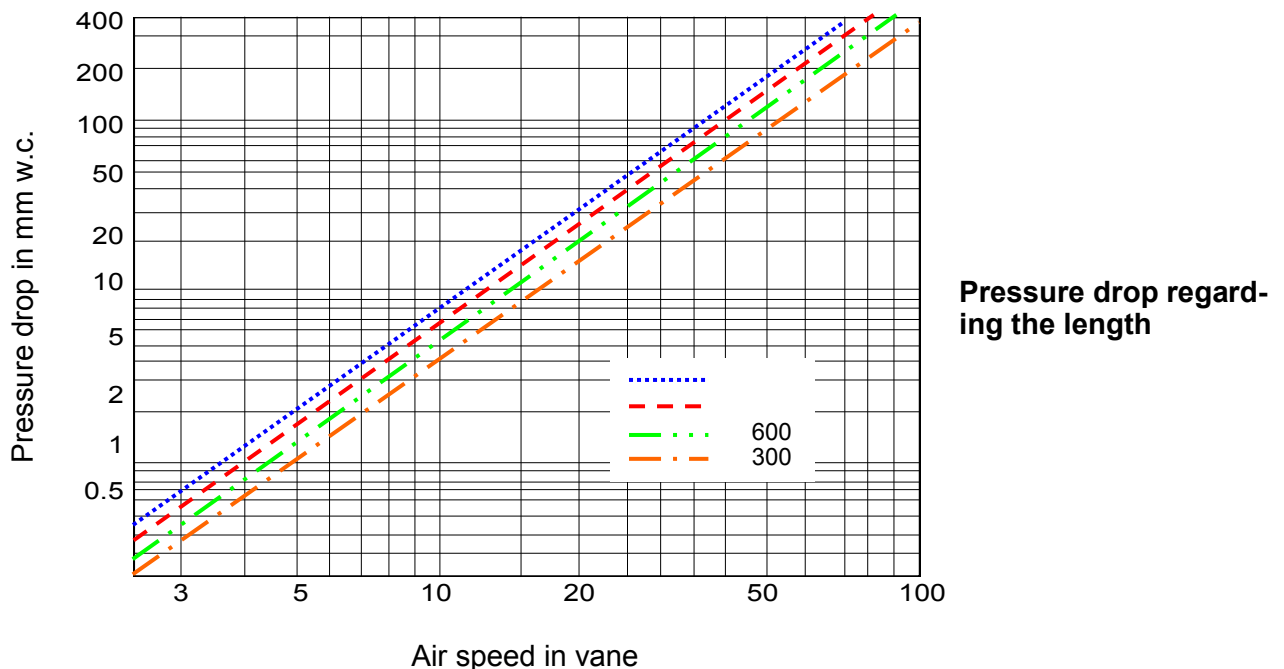


SELECTION TABLES ACC-RA-150

Selection regarding the air flow

V=m/s Ps=mm w.c.	5 1,2	7,5 2,4	10 5	12,5 7,3	15 10,1	17,5 14,6
A X H	AIR FLOW (m³/h)					
600 X 500	1800	2740	3580	4480	5400	6310
900 X 500	2680	4120	5410	6750	8150	9480
1200 X 500	3650	5410	7210	9180	10810	12650
600 X 600	2160	3240	4320	5400	6480	7560
900 X 600	3240	4860	6480	8100	9720	11340
1200 X 600	4320	6480	8640	10800	12960	15120
1500 X 600	5400	8100	10800	13500	16200	18900
1800 X 600	6480	9720	12960	16200	19440	22680
900 X 900	4860	7190	9720	12150	14580	17010
1200 X 900	6480	9720	12960	16200	19440	22680
1500 X 900	8100	12150	16200	20250	24300	28350
1800 X 900	9720	14580	19440	24300	29160	34020
2100 X 900	11340	17010	22680	28350	34020	39690
2400 X 900	12960	19440	25920	32400	38880	45360

Attenuations dB	Depth	63	125	250	500	1K	2K	4K	8K
300		2	5	11	12	19	17	16	14
600		3	6	13	22	28	26	26	25



NOTES:

- Pressure drop calculated for a length of 300 mm. For other length see the pressure drop graphics.
- Attenuation in dB
- Dimensions A x H in mm. - For other dimensions, please enquire.
- Model in length 600 mm, constructed with two grills of 300 mm length.