

RSL Sound Attenuating Transfer Grille

Grille for transfer air between rooms.

- Adjustable according to wall thickness.
- Small pressure loss.
- Easy to clean.
- Absorbs sound between rooms.
- Prevents visual contact between rooms.

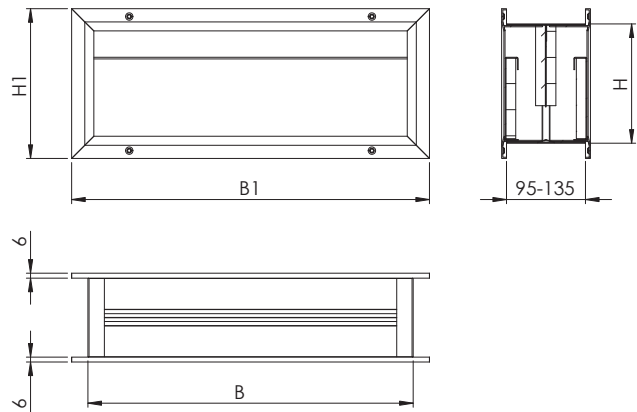


Installing thickness 95-135 mm. Airflow through the grille is caused by pressure difference between rooms. The grille includes sound absorbing plates to attenuate sound between rooms and absorb airflow noise. Usually installed in wall above a door.

Structure and Dimensions

RSL air grille frame is manufactured of aluminium profiles and the absorbing panels are from aluminium steel sheet. Sound attenuation material is coated mineral wool. The grill have a white (RAL 9003) finish by standard, but are also available in any other RAL colours.

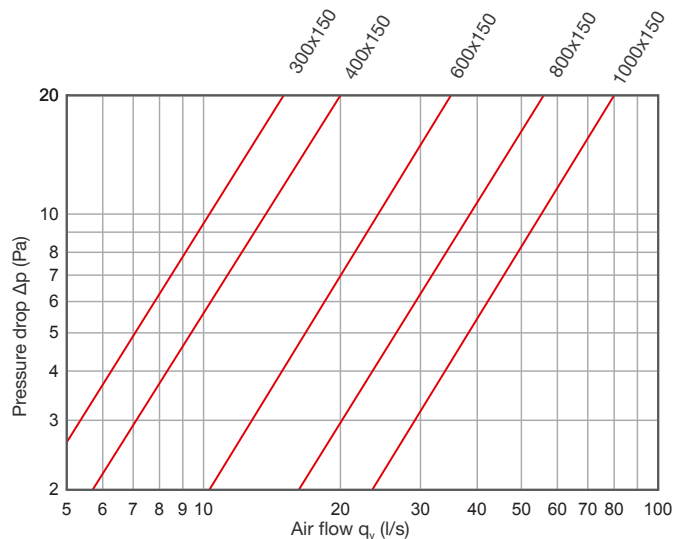
Nominal size	BxH	B1xH1	Cutting dimensions
300x150	295x145	335x182	300x150
400x150	395x145	435x182	400x150
600x150	595x145	635x182	600x150
800x150	795x145	835x182	800x150
1000x150	995x145	1035x182	1000x150



Technical Data

The sound level is less than 25 dB(A), when the pressure drop is 20 Pa.

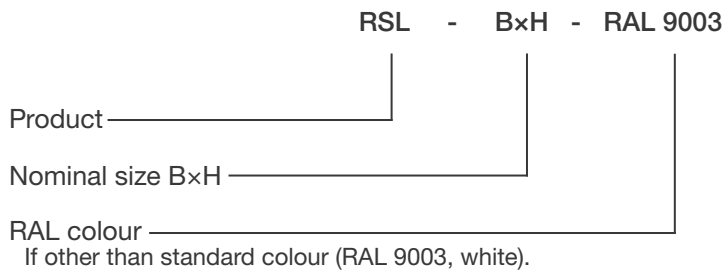
Recommended maximum pressure difference between rooms is 15 Pa.



Sound Attenuation

Dimensions	Mid-frequency of octave band (Hz)							
	63	125	250	500	1000	2000	4000	8000
RSL 300x150	0	24	23	25	36	39	39	0
RSL 400x150	0	21	20	23	31	38	39	0
RSL 600x150	0	19	17	21	29	37	39	0
RSL 800x150	0	17	16	20	27	36	38	0
RSL 1000x150	0	15	14	19	25	35	37	0

Product Marking



Example: RSL 600x150

Installation and Maintenance

The grill is fixed with screws to the wall or door. A grille is installed on one side of the wall/door and on the other half mounting frame.

For structural width exceeding 135 mm, two grilles are used without mounting frame. A rectangular duct can be installed between the two grilles.

Cleaning: Remove the front panel and clean it with a damp cloth.