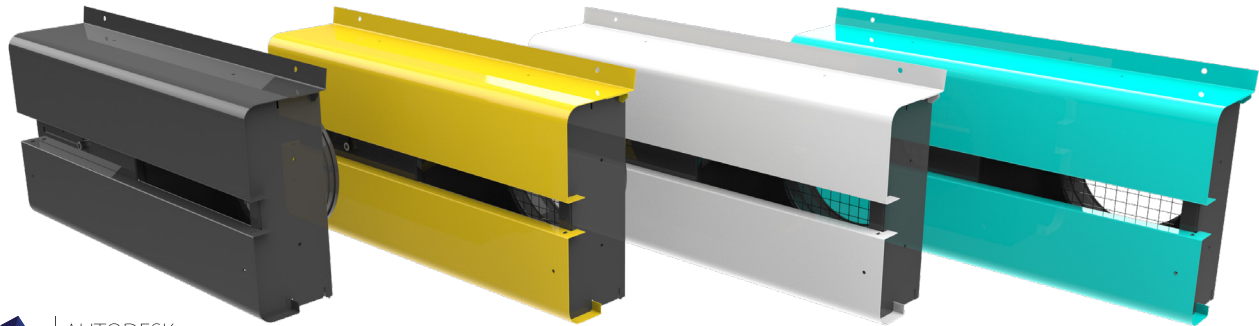


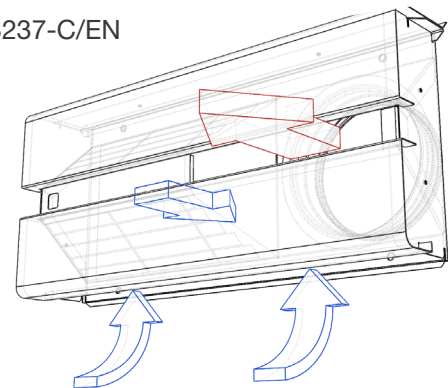
RVD Outdoor wall-mounted combined intake/exhaust grille



- Unique and stylish outdoor intake/exhaust grill available in all RAL colors
- Compact and flat - fits easily on all exterior surfaces
- Focused exhaust flow pattern provides 100% elimination of intake-exhaust cross contamination
- Adjustable exhaust velocity - easy to maintain the required minimum >5 m/s airflow velocity for small air volumes
- Air intake from the underside prevents entry of water or snow into the supply duct
- Low pressure drop - reduces fan energy consumption
- Galvanised steel housing with powder coating ensures long-term durability
- Removable front panels allow inversion of the exhaust connection
- Registered design No 007972823-0002
- RVD 125L and RVD 160 are certified products, No EUFI29-20003237-C/EN

Application

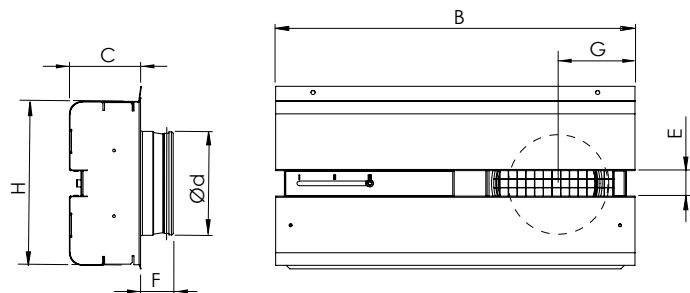
- RVD-type grilles are used anywhere intake and exhaust both need to penetrate the same wall surface.
- RVD is the ideal solution for residential buildings where ventilation is local to each apartment.



Structure and dimensions

In standard configuration, RVD grilles are manufactured from galvanized steel and finished with a grey RAL 7000 powder coating. RVD is optionally available in all RAL-series colors.

Exhaust duct connections are provided with rubber gasket and mesh screen.

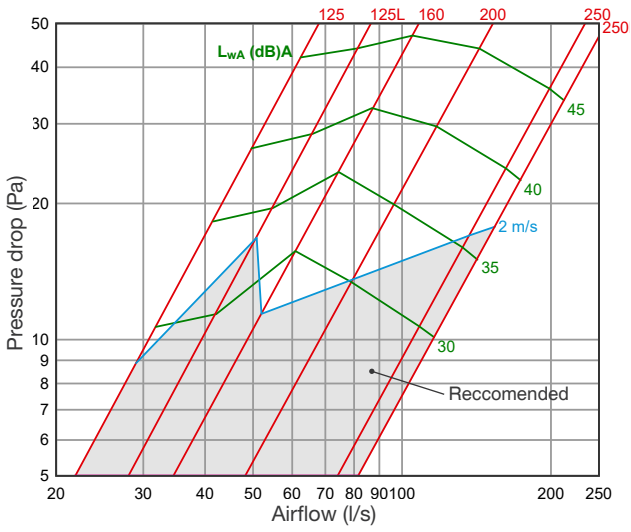


Product	Ød, mm	B, mm	H, mm	C, mm	E, mm	F, mm	G, mm	Weight, kg
RVD 125	125	433	198	86	31	39	106	2,0
RVD 125L	125	561	233	101	39	39	113	2,5
RVD 160	160	591	233	101	39	39	125	3,0
RVD 200	200	681	273	121	43	39	145	4,0
RVD 250	250	849	323	144	51	42	170	5,6
RVD 250L	250	949	363	161	60	42	220	6,5

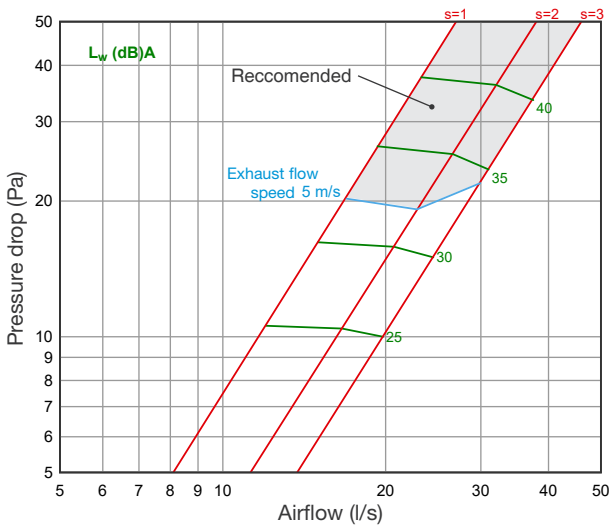
Technical data

Pressure drop - Airflow

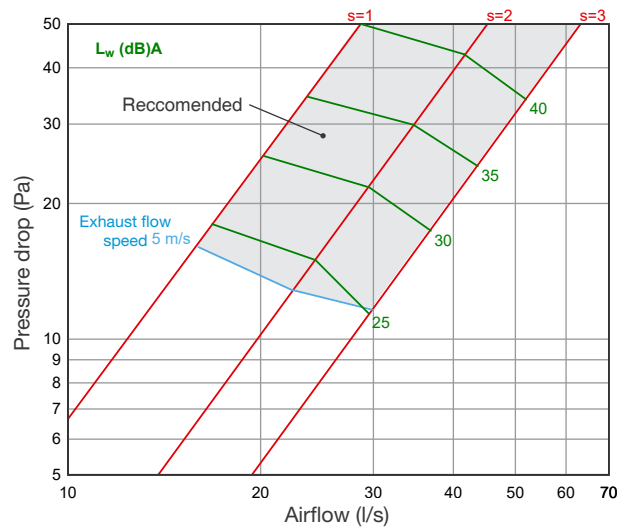
RVD - Intake air



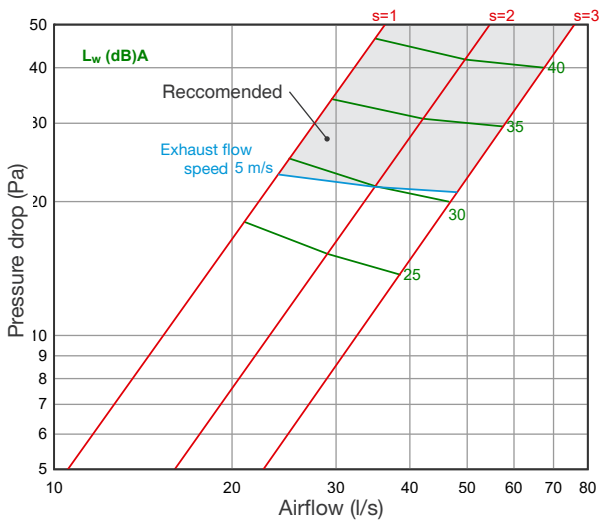
RVD 125 - Exhaust air



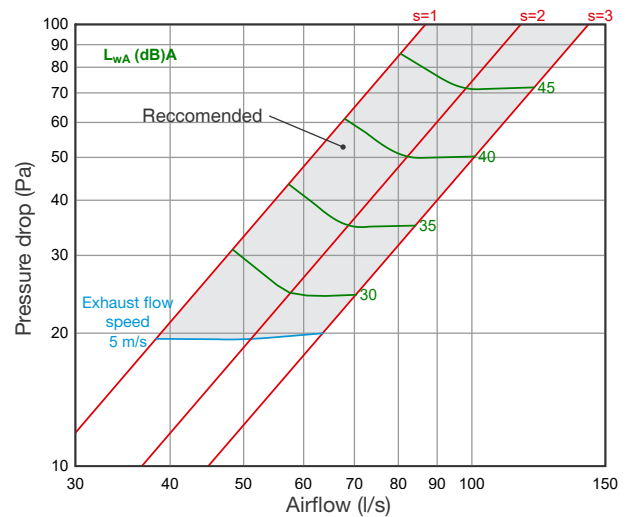
RVD 125L - Exhaust air



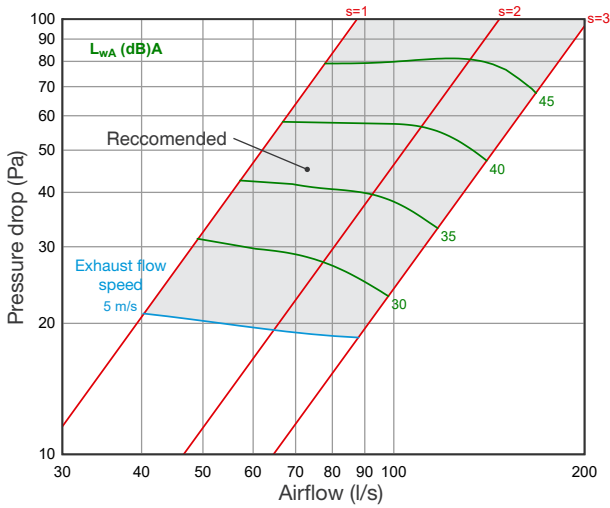
RVD 160 - Exhaust air



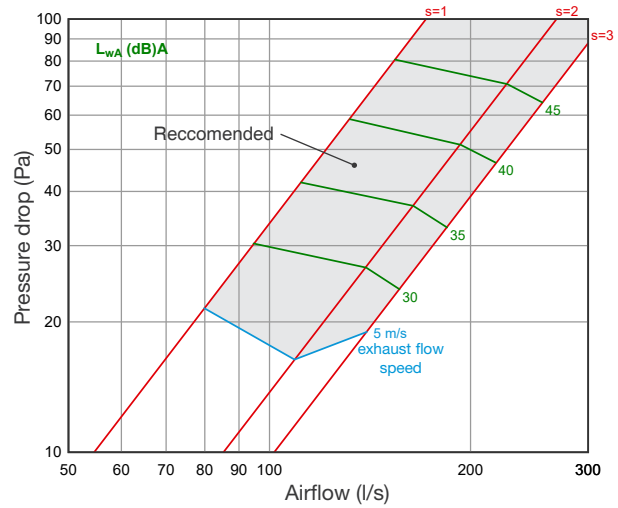
RVD 200 - Exhaust air



RVD 250 - Exhaust air



RVD 250L - Exhaust air



Acoustic data

$$L_w = L_{wA} + K_{okt}$$

RVD, intake air	Sound level correction factor K_{okt} (dB)							
	Mean frequency of octave band (Hz)							
	63	125	250	500	1k	2k	4k	8k
RVD 125	-3	-2	-3	-2	-6	-15	-15	-12
RVD 125L	0	-3	-1	-1	-6	-11	-15	-14
RVD 160	0	-3	-1	-1	-6	-11	-15	-14
RVD 200	-7	-6	-3	-1	-5	-12	-15	-20
RVD 250	-1	1	2	-2	-6	-10	-15	-22
RVD 250L	0	0	2	-1	-4	-9	-15	-21

RVD, exhaust air	Position	Sound level correction factor K_{okt} (dB)							
		Mean frequency of octave band (Hz)							
		63	125	250	500	1k	2k	4k	8k
RVD 125	s = 1	-6	-6	-6	-2	-8	-12	-15	-15
	s = 2	-4	-3	-3	-2	-8	-13	-15	-15
	s = 3	-3	-1	-2	-3	-9	-15	-16	-15
RVD 125L	s = 1	-2	-4	-3	-3	-6	-10	-14	-15
	s = 2	0	0	0	-1	-6	-12	-15	-16
	s = 3	1	-1	1	-1	-9	-15	-16	-16
RVD 160	s = 1	-3	-3	-3	-2	-7	-12	-16	-15
	s = 2	0	-1	-1	-1	-7	-13	-16	-16
	s = 3	0	0	0	-1	-9	-14	-16	-16
RVD 200	s = 1	-1	-2	1	-1	-6	-13	-22	-27
	s = 2	0	0	2	-1	-6	-14	-23	-27
	s = 3	-1	-1	2	-1	-5	-13	-22	-25
RVD 250	s = 1	-1	-3	-5	-5	-5	-6	-12	-19
	s = 2	1	1	0	-2	-6	-9	-16	-22
	s = 3	2	2	1	-1	-6	-12	-22	-24
RVD 250L	s = 1	-1	-2	-3	-5	-5	-6	-10	-19
	s = 2	0	1	0	-0	-6	-10	-16	-20
	s = 3	0	2	0	-0	-6	-11	-20	-22

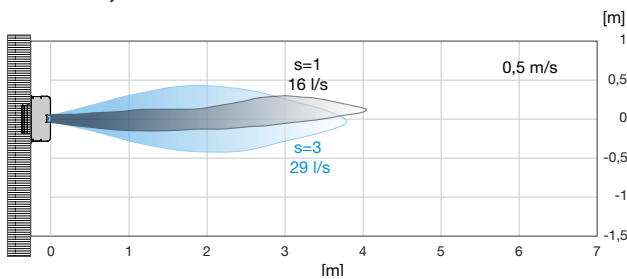
Sound attenuation

RVD, intake air	Sound attenuation D_{okt} (dB)							
	63	125	250	500	1k	2k	4k	8k
RVD 125	19	13	8	8	7	7	5	5
RVD 125L	17	12	6	8	6	5	5	6
RVD 160	17	12	6	8	6	5	5	6
RVD 200	16	10	5	6	4	4	5	5
RVD 250	13	8	3	4	4	4	4	5
RVD 250L	12	7	3	4	4	3	4	5

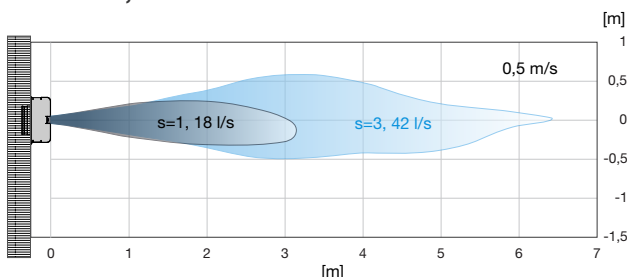
RVD, exhaust air	Position	Sound attenuation D_{okt} (dB)							
		63	125	250	500	1k	2k	4k	8k
RVD 125	s = 1	24	16	12	8	7	6	5	7
	s = 2	22	16	11	9	7	6	5	5
	s = 3	21	14	11	7	7	4	4	6
RVD 125L	s = 1	22	15	12	8	7	6	5	6
	s = 2	21	15	11	8	6	6	4	5
	s = 3	21	14	11	7	7	4	4	6
RVD 160	s = 1	19	14	10	7	7	5	5	5
	s = 2	19	13	9	6	6	5	4	5
	s = 3	18	11	9	6	4	5	5	5
RVD 200	s = 1	19	12	8	5	5	4	6	6
	s = 2	18	11	8	4	4	4	5	5
	s = 3	17	10	7	4	3	3	5	5
RVD 250	s = 1	15	11	7	4	4	6	7	7
	s = 2	14	10	7	3	4	5	6	6
	s = 3	15	10	6	3	3	5	5	5
RVD 250L	s = 1	15	10	6	3	3	6	6	5
	s = 2	14	9	5	3	3	4	6	5
	s = 3	14	9	5	3	3	4	5	5

Airflow pattern

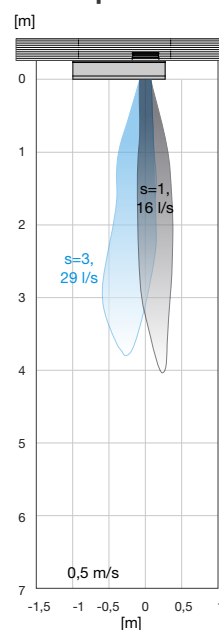
RVD 125, side view



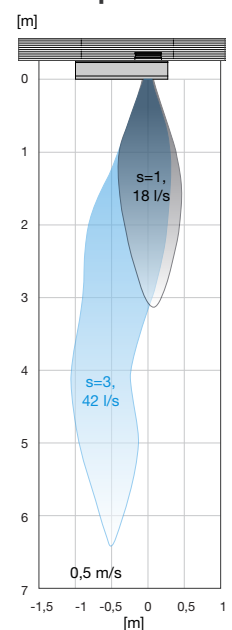
RVD 125L, side view



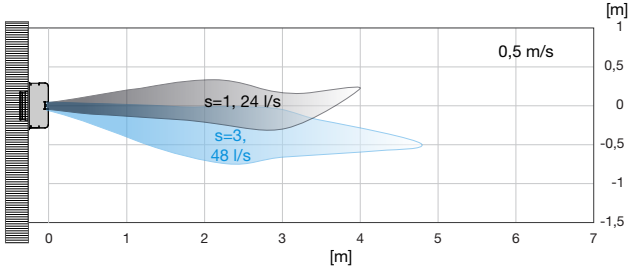
RVD 125, top view



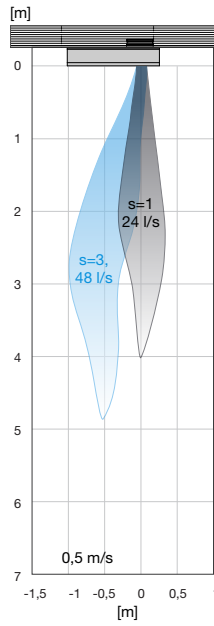
RVD 125L, top view



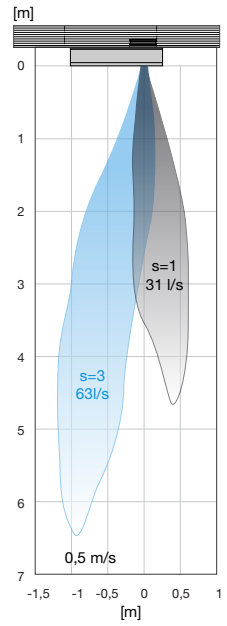
RVD 160, side view



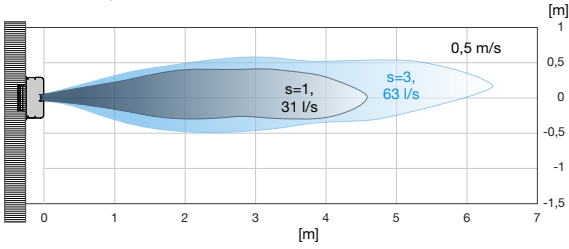
RVD 160, top view



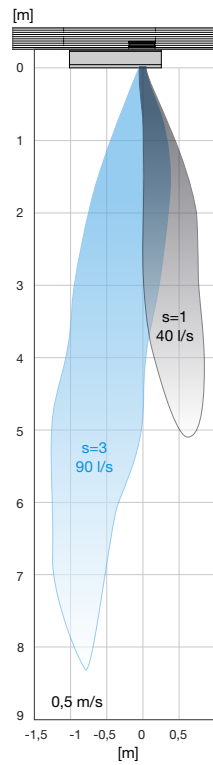
RVD 200, top view



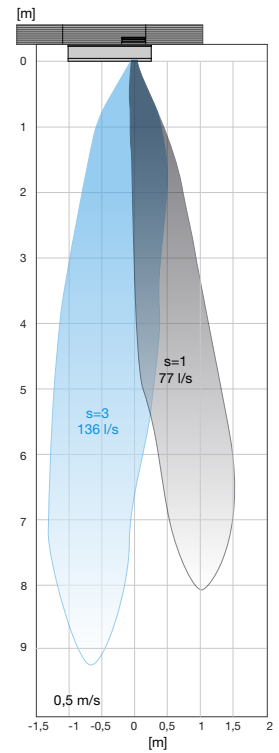
RVD 200, side view



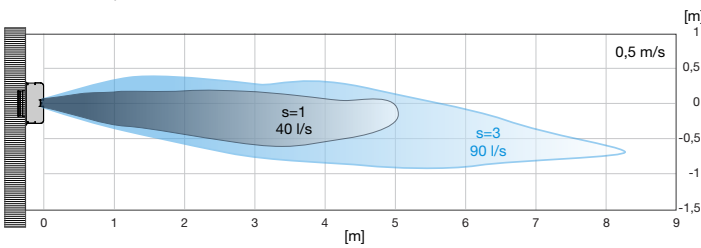
RVD 250, top view



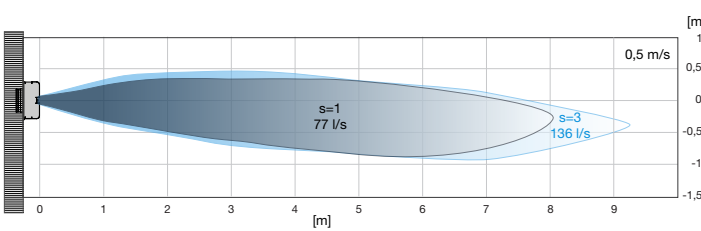
RVD 250L, top view



RVD 250, side view



RVD 250L, side view



Marking

RVD - d - RAL 7000

Product

RVD - intake and exhaust air grille

Nominal size

RAL Color Code

RAL color: if other than standard color (standard color RAL 7000, light grey)

Example: RVD 160

Installation

See RVD installation instructions.