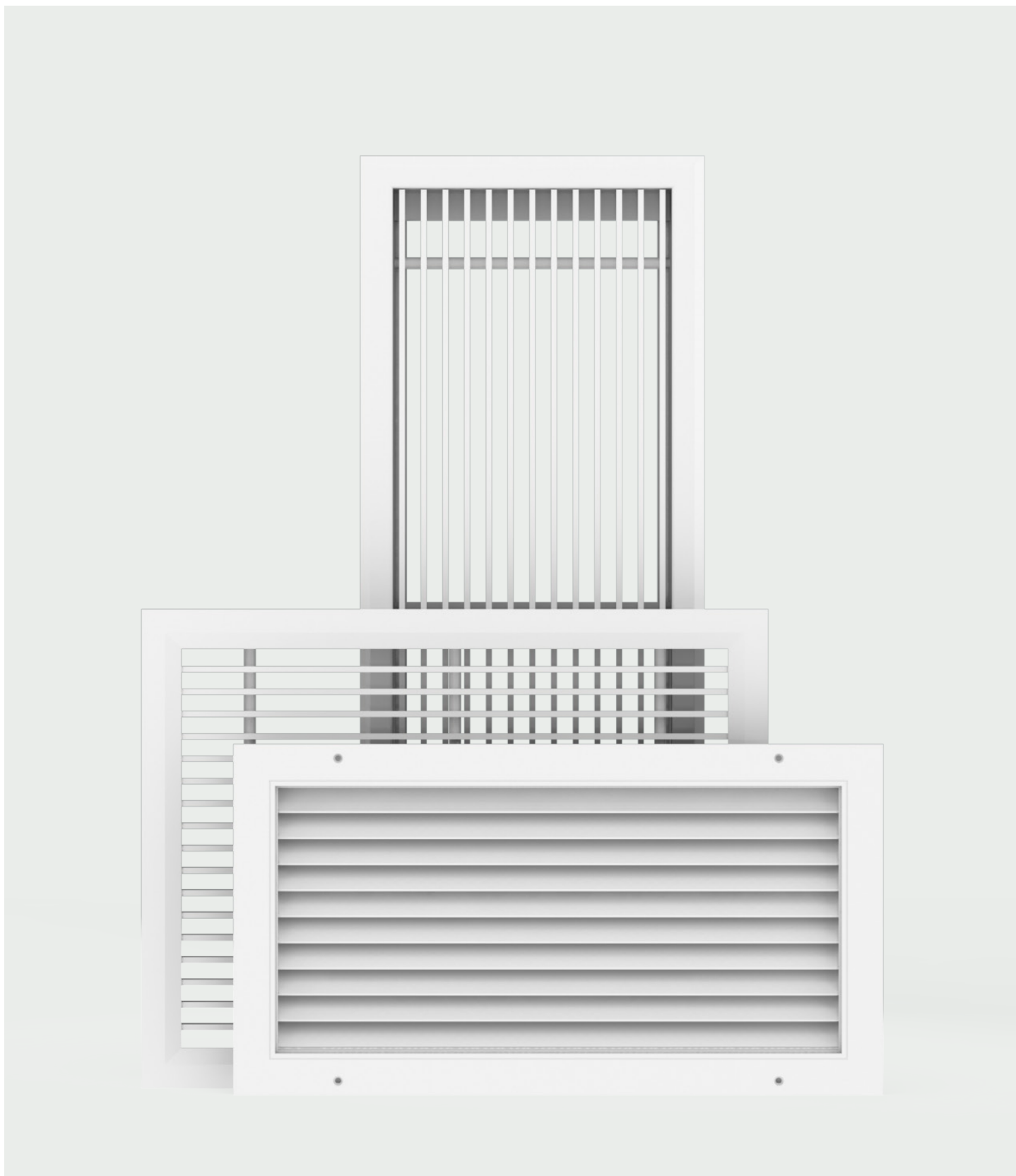




NORDgrille Internal grilles

 **ETS NORD**

All about air



Contents

RSP/RSV

General grille

3



RSM

Transfer air grille

39



RPS/RPV

General grille

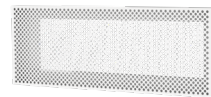
31



RSI

Exhaust air grille

41



RPSL/RPVL

Floor grille

33



SKRM

Plenum box

42



RSO

Transfer air grille

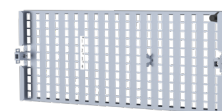
35



MRO

Regulating part

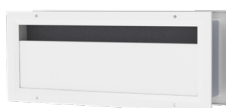
43



RSL

Transfer air grille

37



RSP/RSV General grille

Classic grille manufactured of aluminum for supply, exhaust and transfer air.

Application

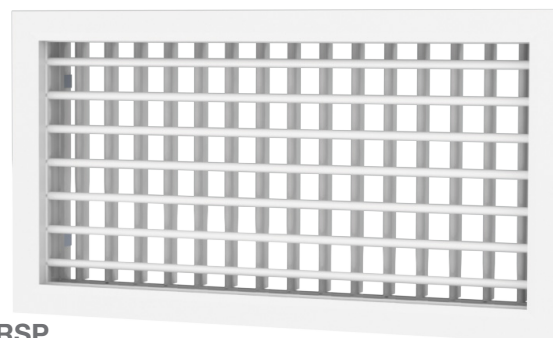
RSP – Adjustable front and back bars. Used for supply and exhaust air.

RSV – Adjustable horizontal bars. Mainly used for exhaust air.

RSK – Mounting frame.
For installing grille to duct.



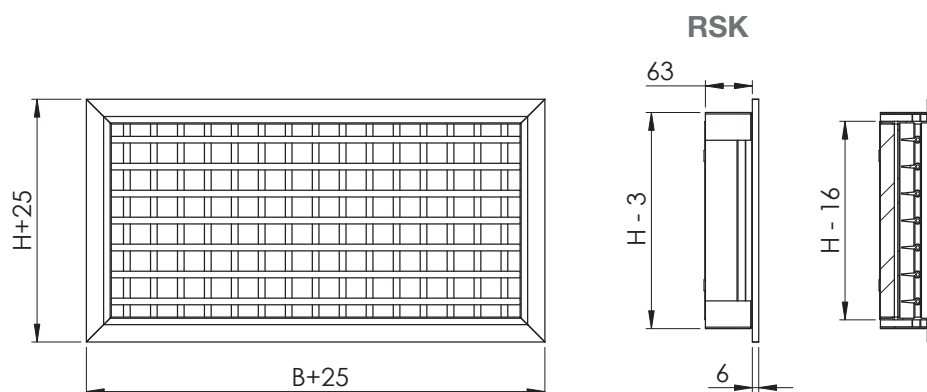
RSV



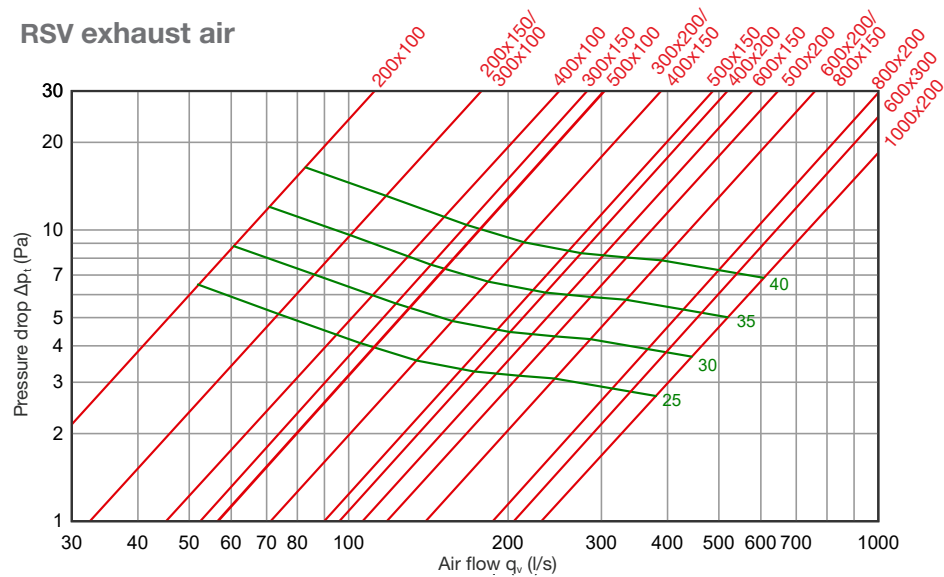
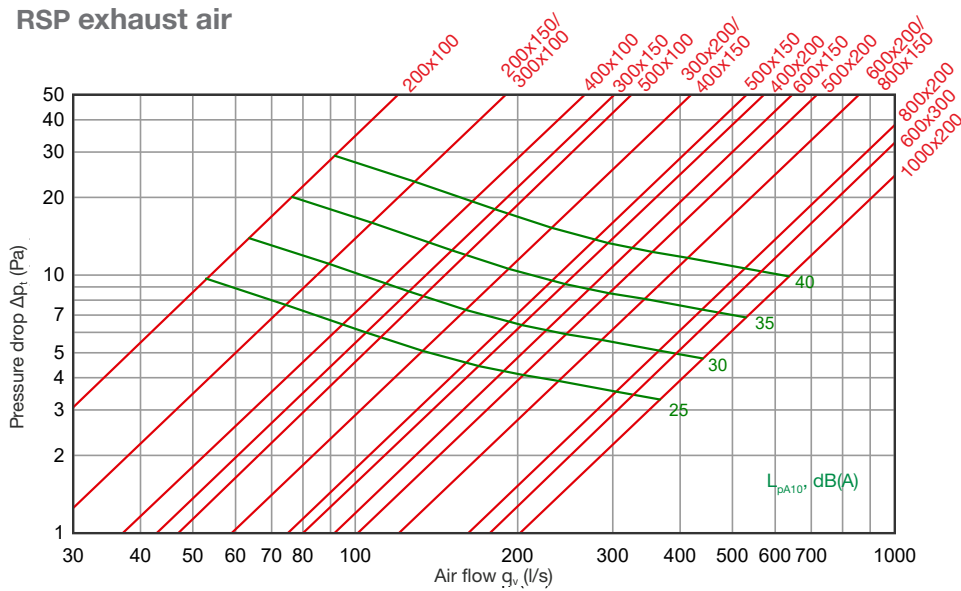
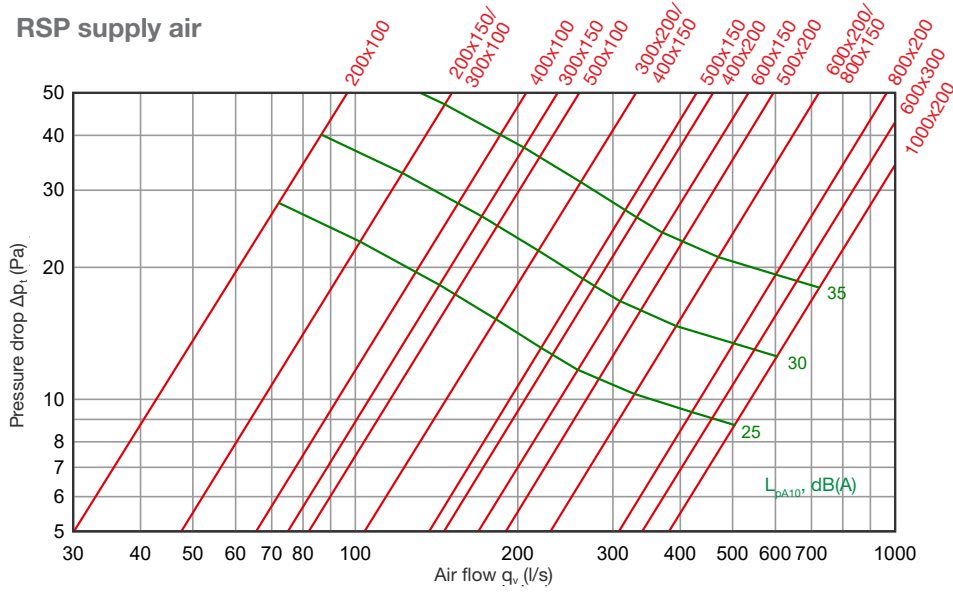
RSP

Structure and dimensions

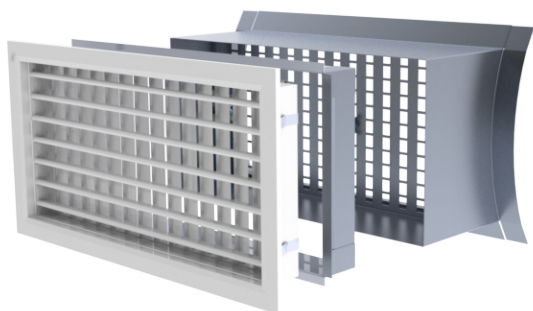
Manufactured of aluminum profiles. Good torsional stiffness and adjustability because of welded frame and riveted bars. Mounting frame manufactured of galvanized steel. Gasketed bars. Standard colour white (RAL 9003). Other RAL colours available.



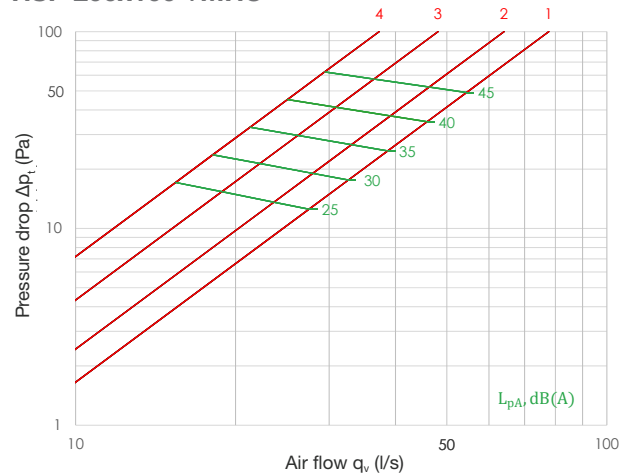
Technical data



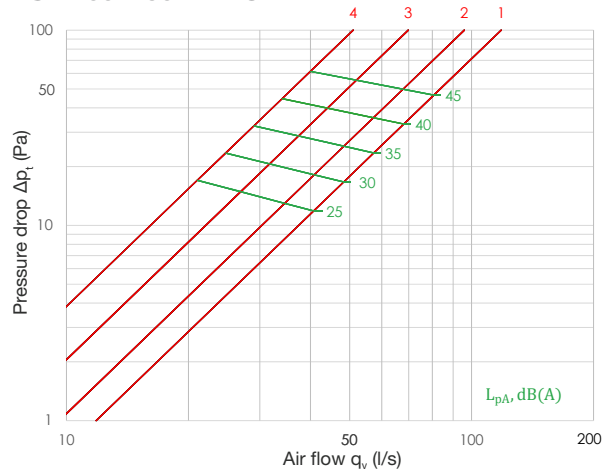
RSP+MRO supply air: air flow - pressure drop



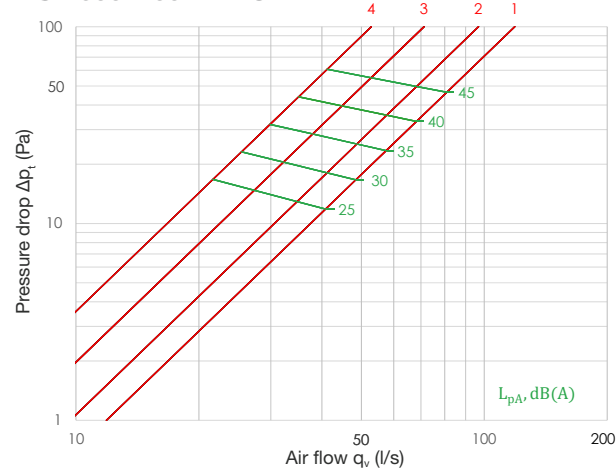
RSP 200x100 +MRO



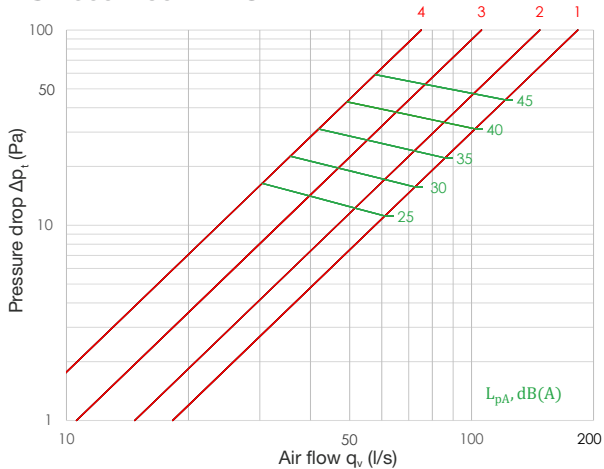
RSP 200x150 +MRO



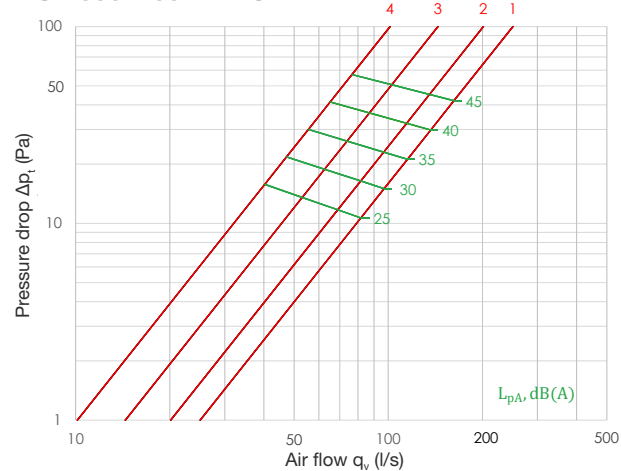
RSP 300x100 +MRO



RSP 300x150 +MRO



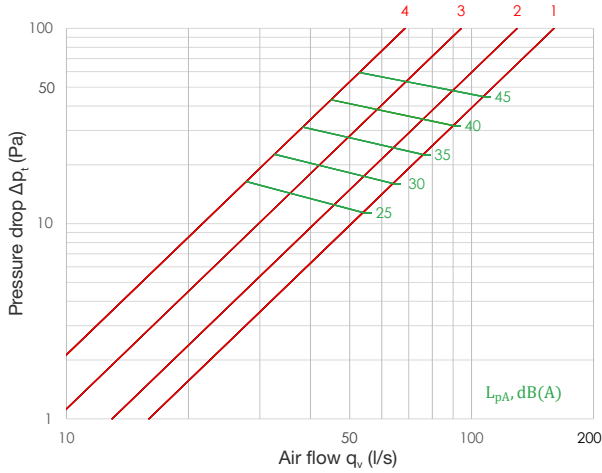
RSP 300x200 +MRO



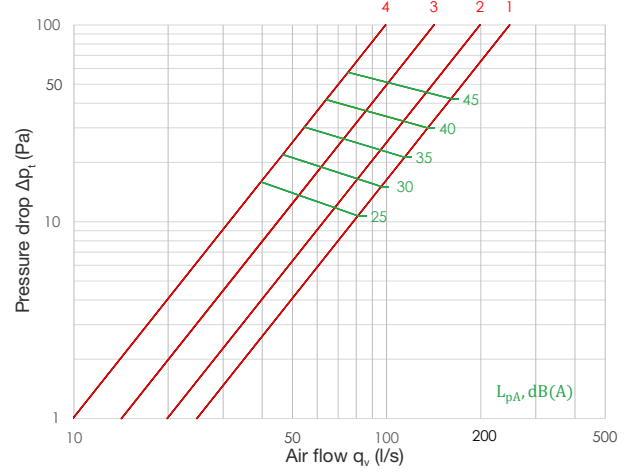
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NORDgrille | RSP/RSV

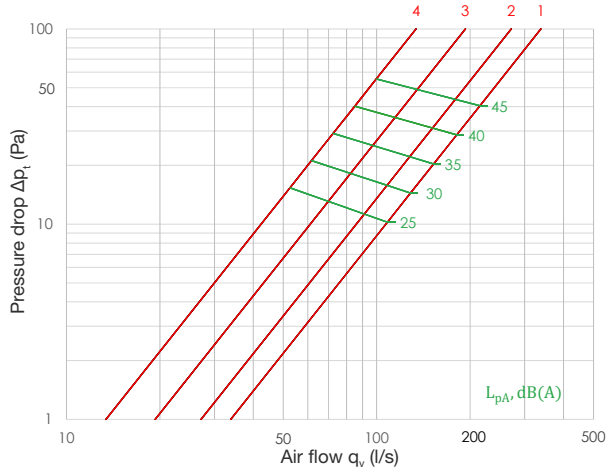
RSP 400x100 +MRO



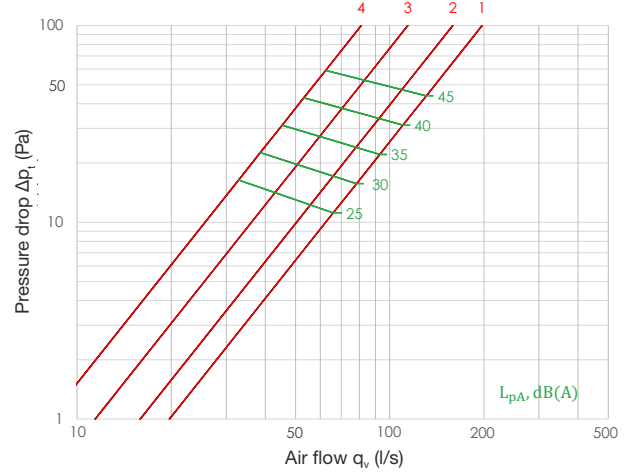
RSP 400x150 +MRO



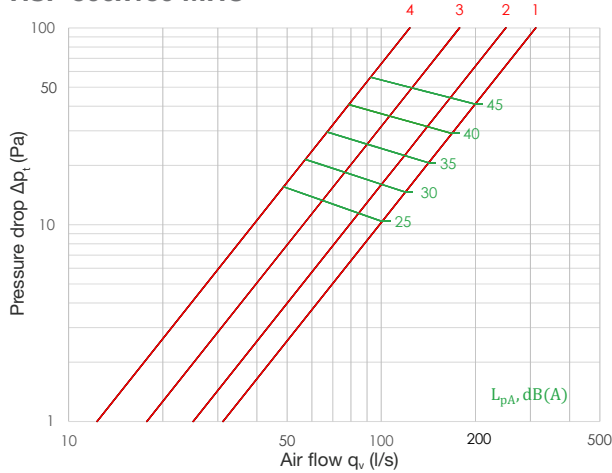
RSP 400x200 +MRO



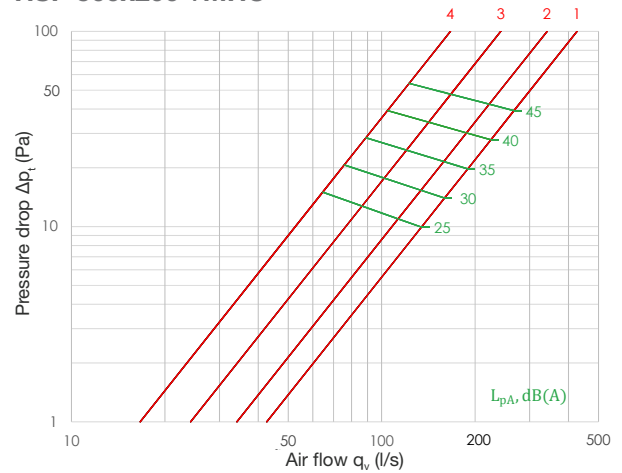
RSP 500x100 MRO



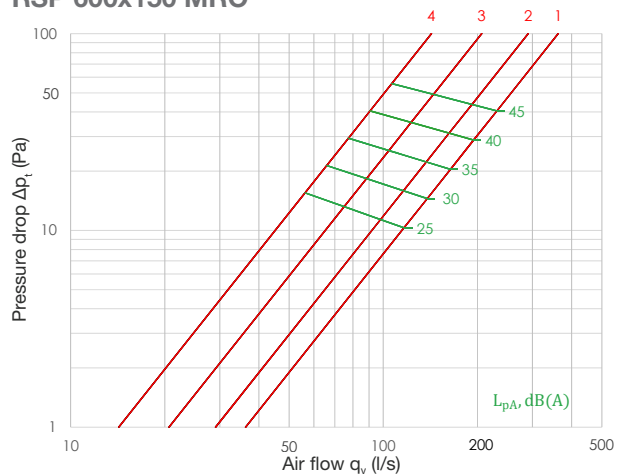
RSP 500x150 MRO



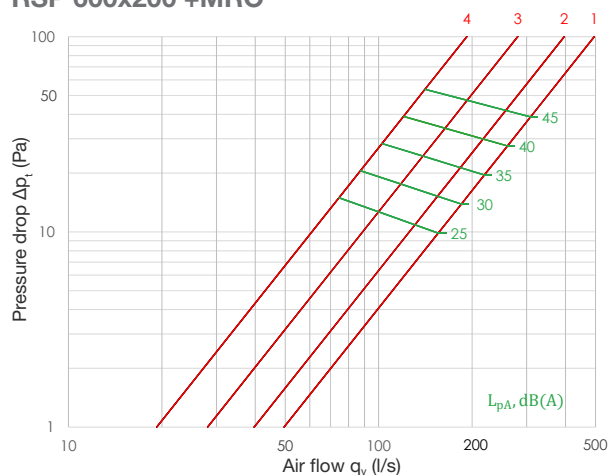
RSP 500x200 +MRO



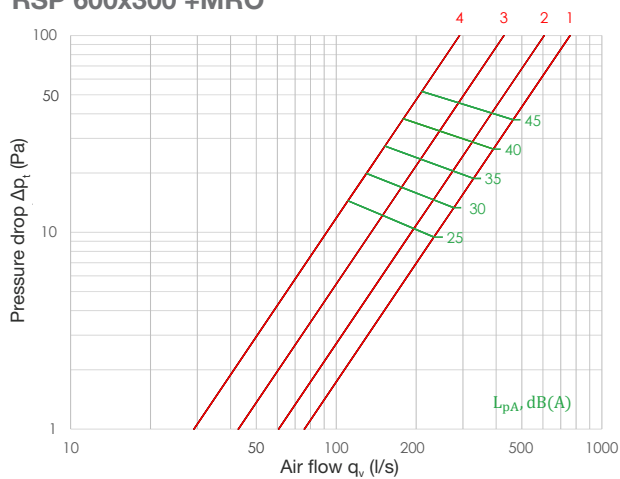
RSP 600x150 MRO



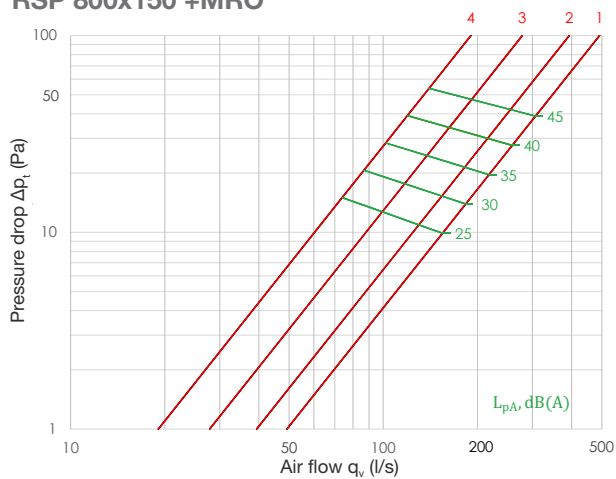
RSP 600x200 +MRO



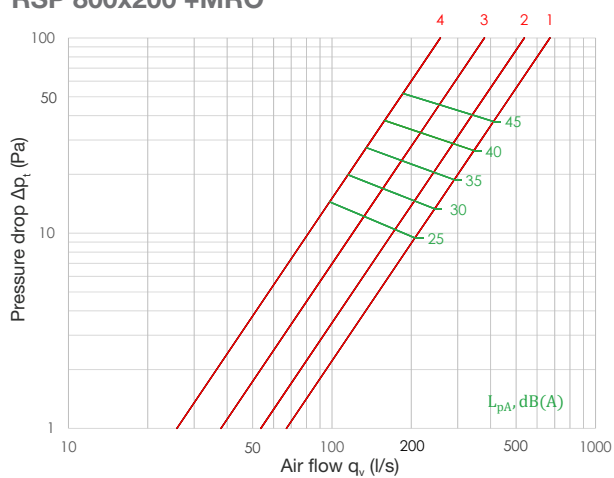
RSP 600x300 +MRO



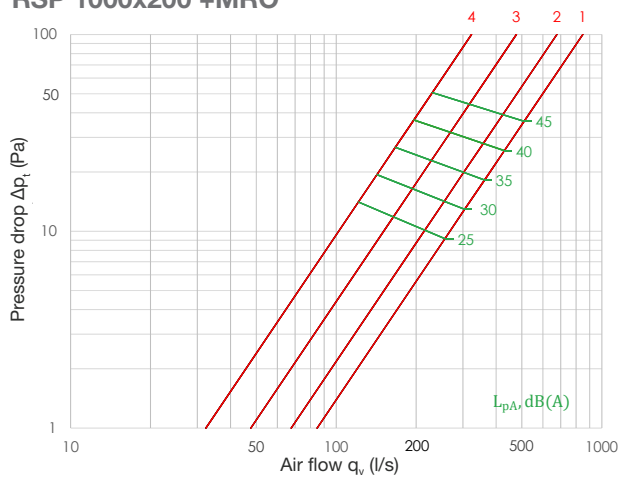
RSP 800x150 +MRO



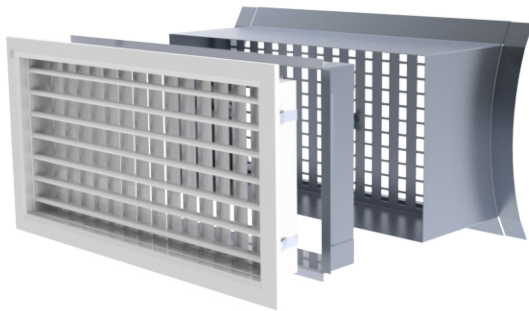
RSP 800x200 +MRO



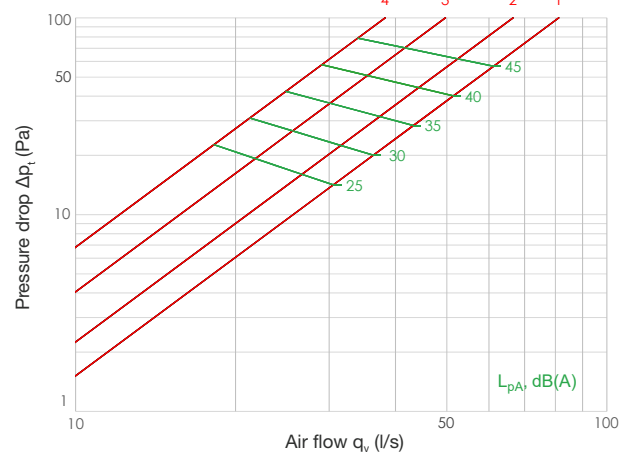
RSP 1000x200 +MRO



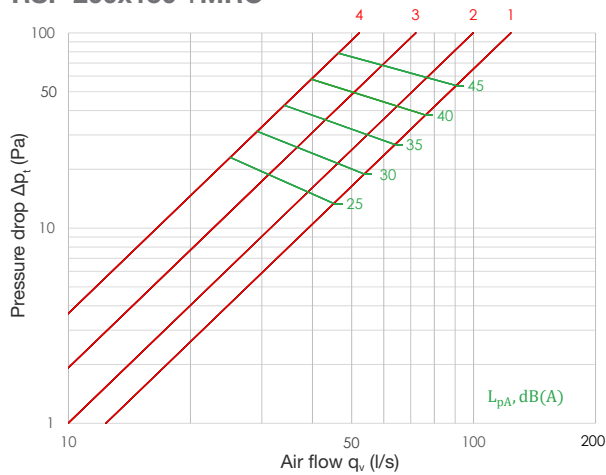
RSP+MRO exhaust air: air flow - pressure drop



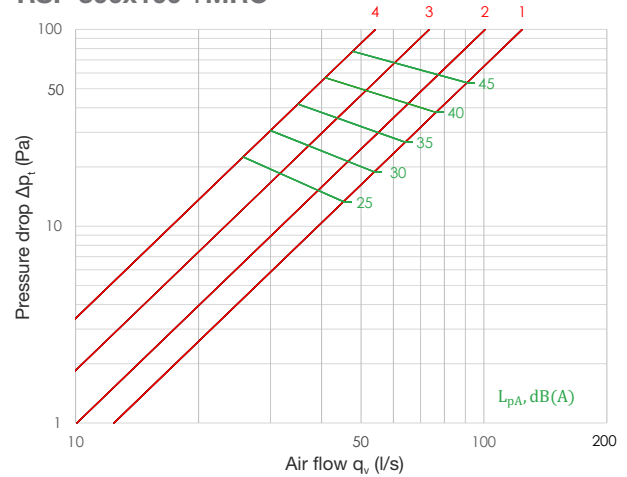
RSP 200x100 +MRO



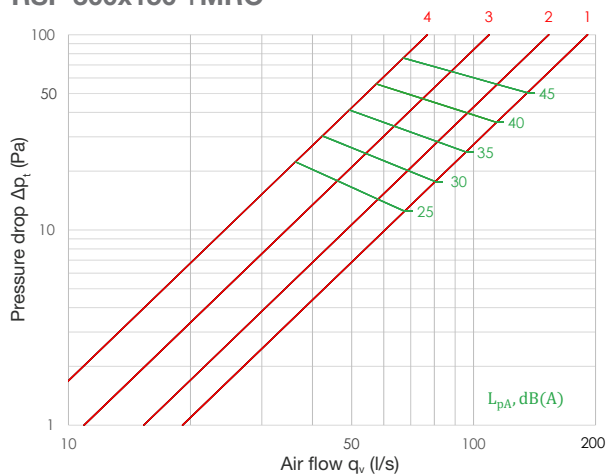
RSP 200x150 +MRO



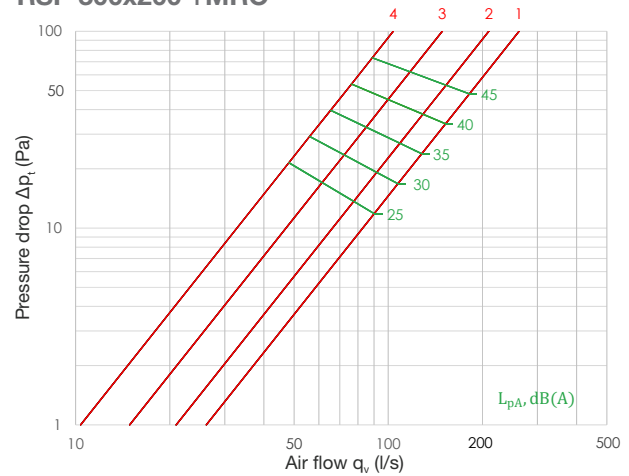
RSP 300x100 +MRO



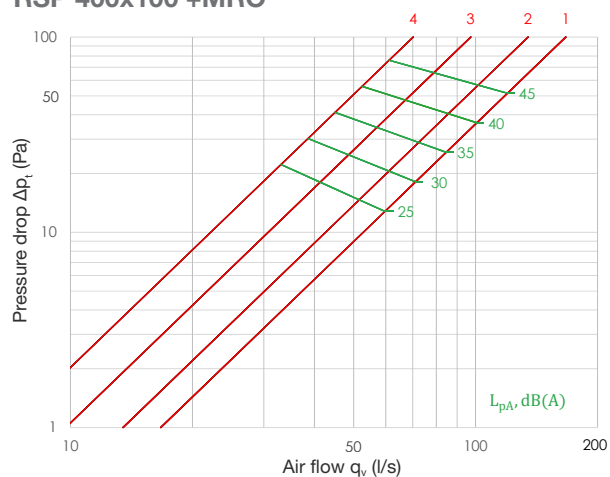
RSP 300x150 +MRO



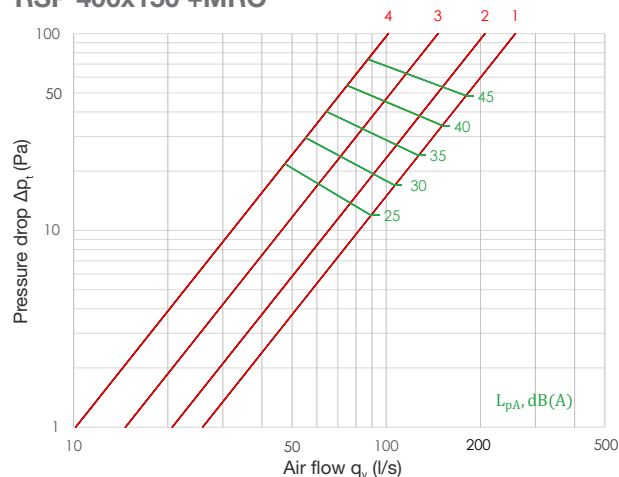
RSP 300x200 +MRO



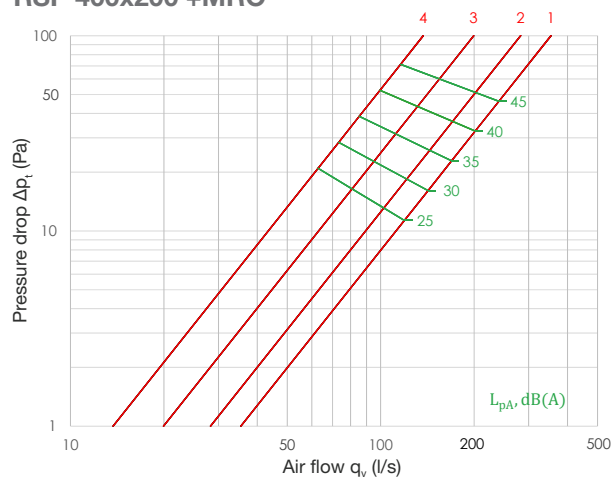
RSP 400x100 +MRO



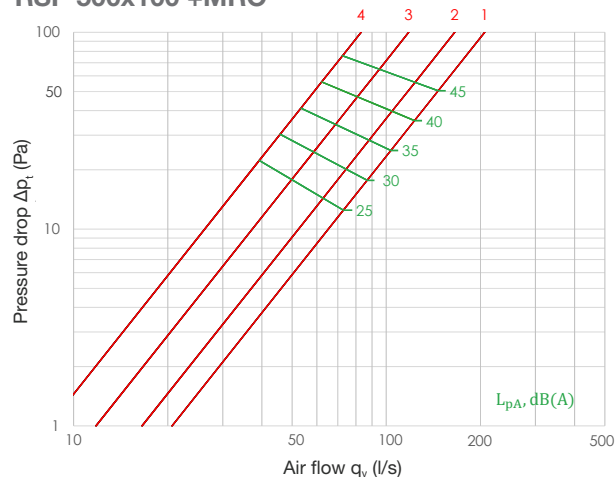
RSP 400x150 +MRO



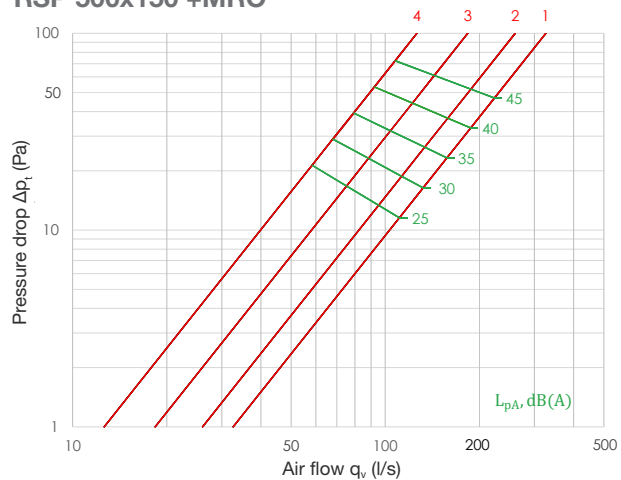
RSP 400x200 +MRO



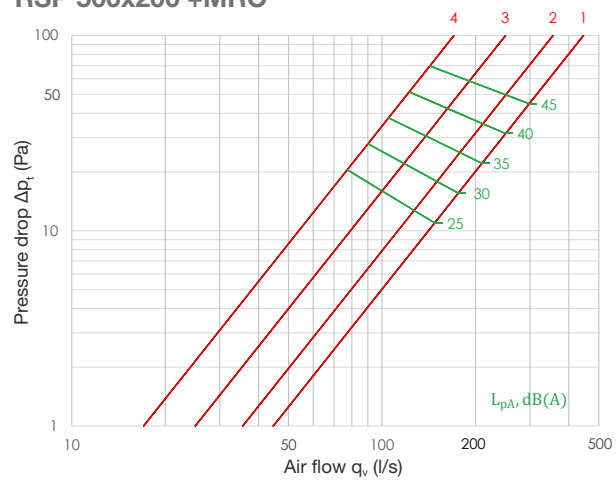
RSP 500x100 +MRO



RSP 500x150 +MRO



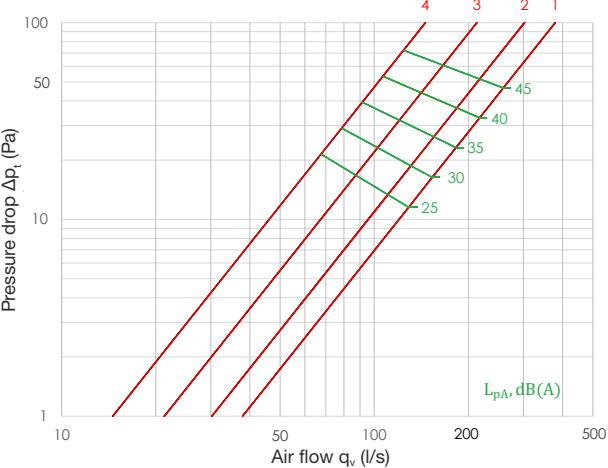
RSP 500x200 +MRO



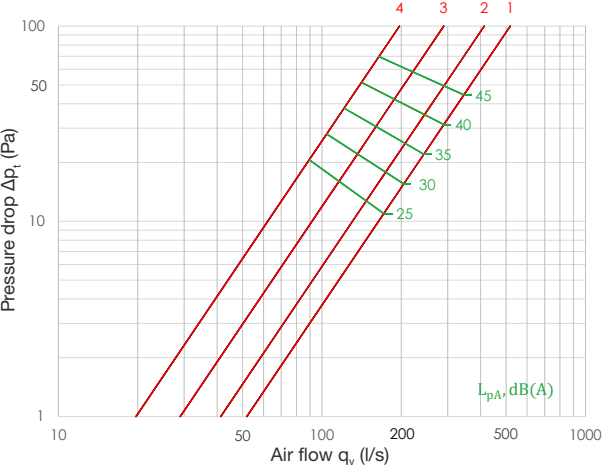
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NORDgrille | RSP/RSV

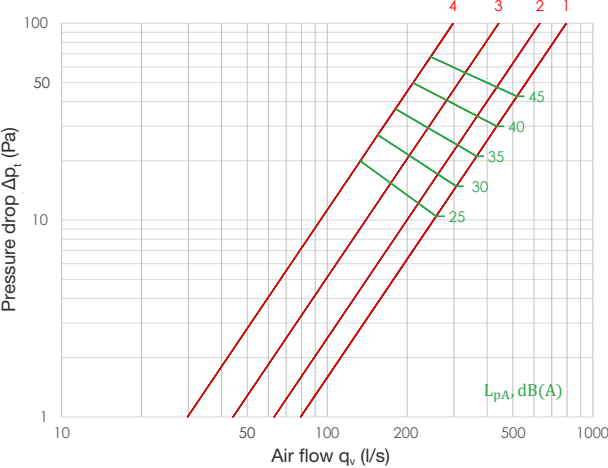
RSP 600x150 +MRO



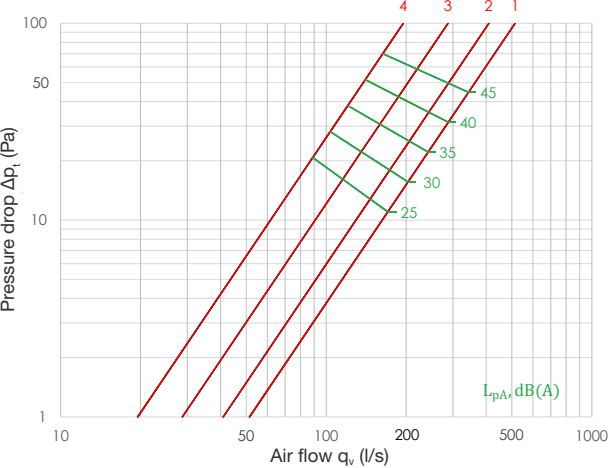
RSP 600x200 +MRO



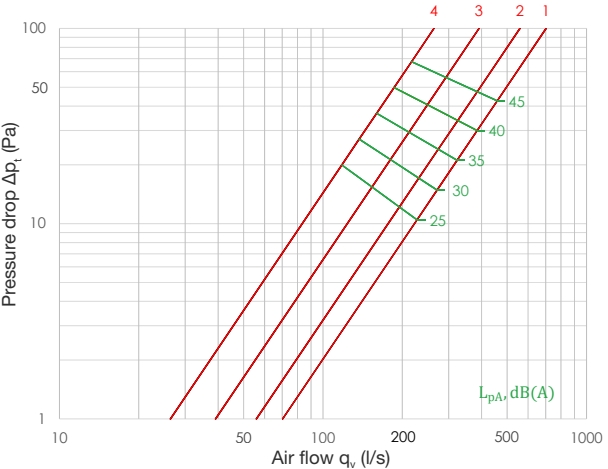
RSP 600x300 +MRO



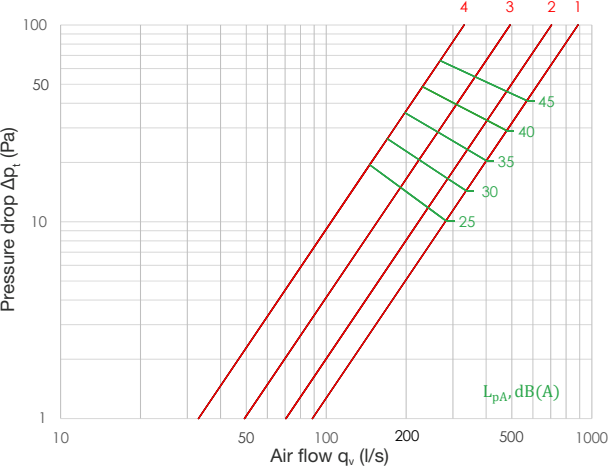
RSP 800x150 +MRO



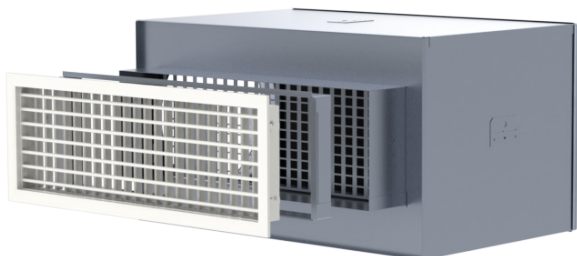
RSP 800x200 +MRO



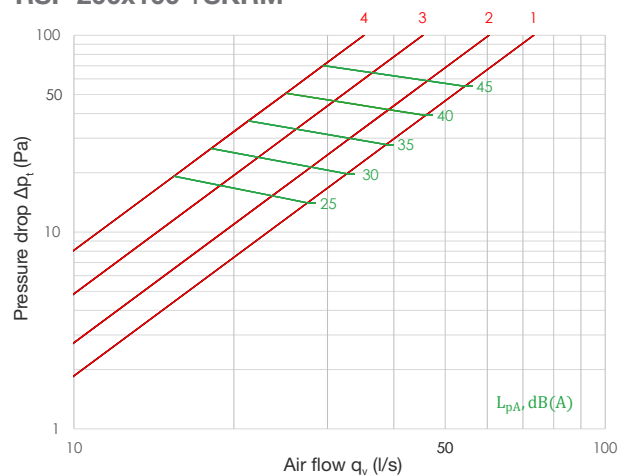
RSP 1000x200 +MRO



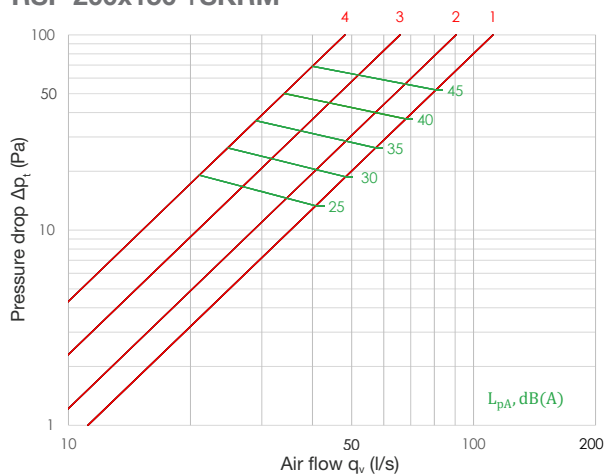
RSP+SKRM supply air: air flow - pressure drop



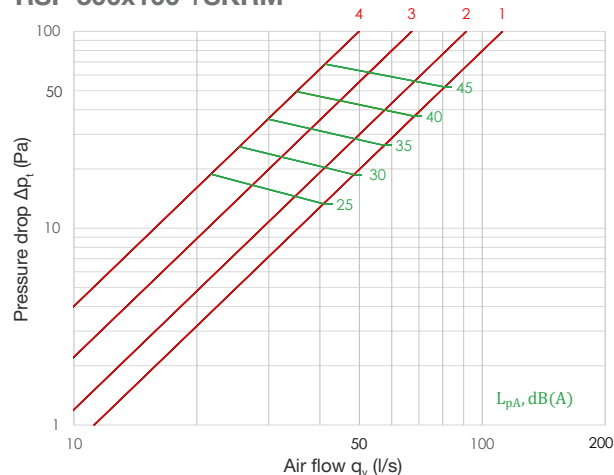
RSP 200x100 +SKRM



RSP 200x150 +SKRM

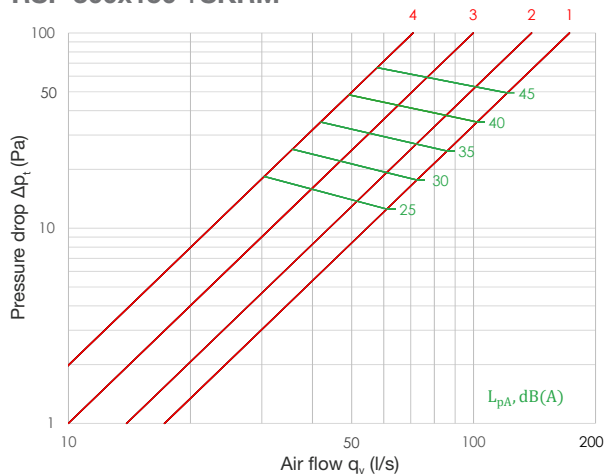


RSP 300x100 +SKRM

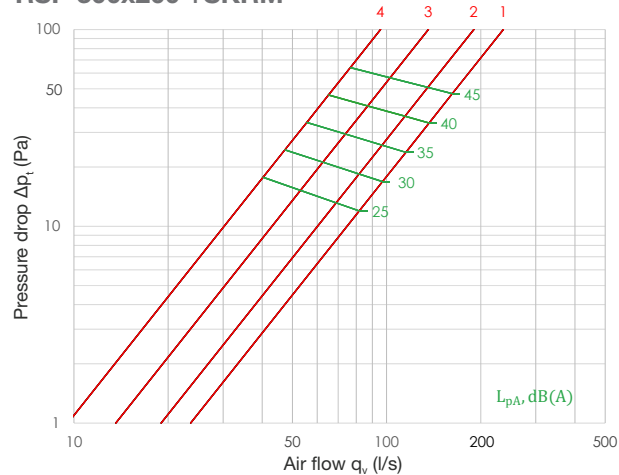


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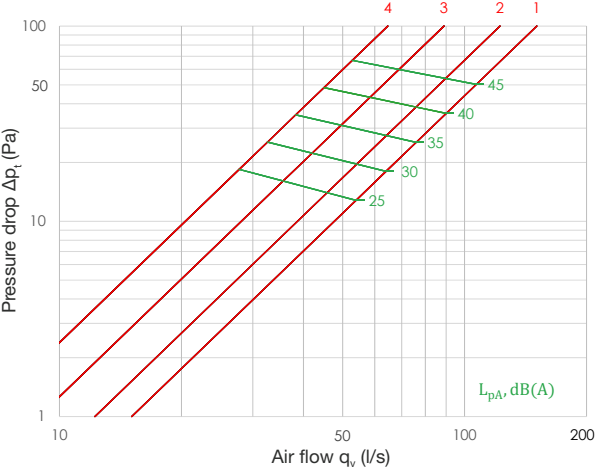
RSP 300x150 +SKRM



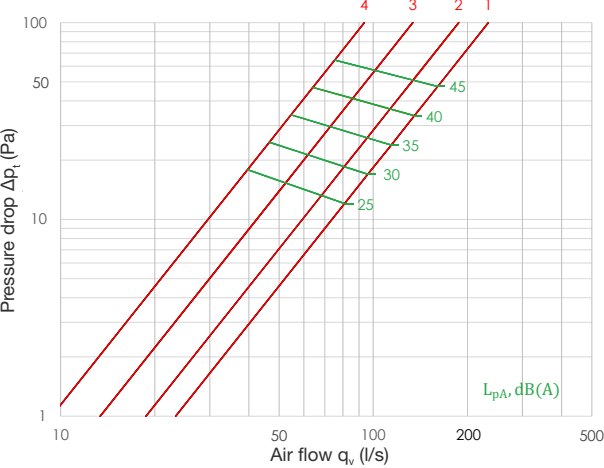
RSP 300x200 +SKRM



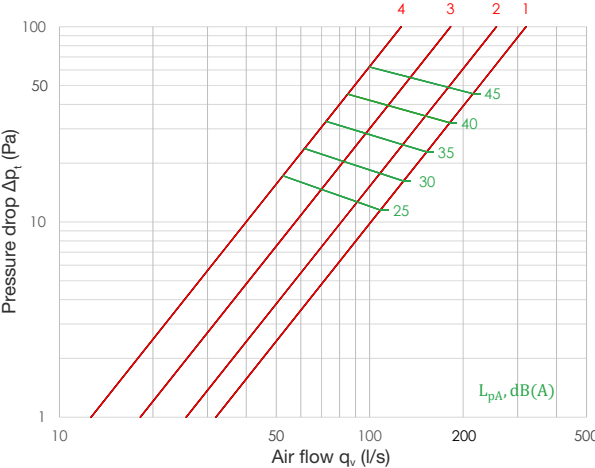
RSP 400x100 +SKRM



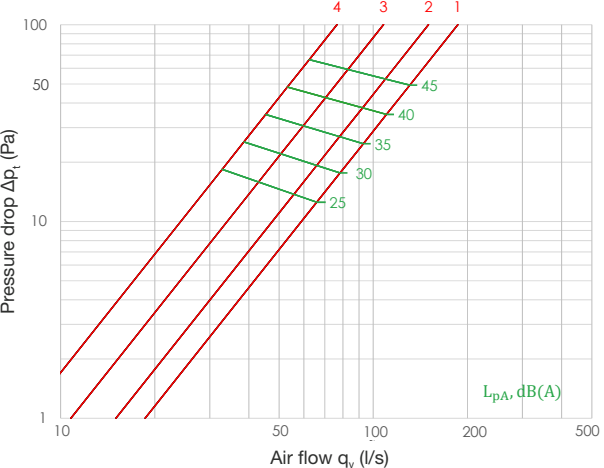
RSP 400x150 +SKRM



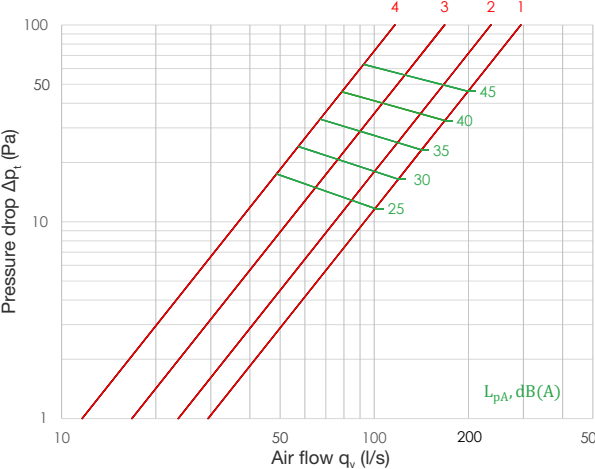
RSP 400x200 +SKRM



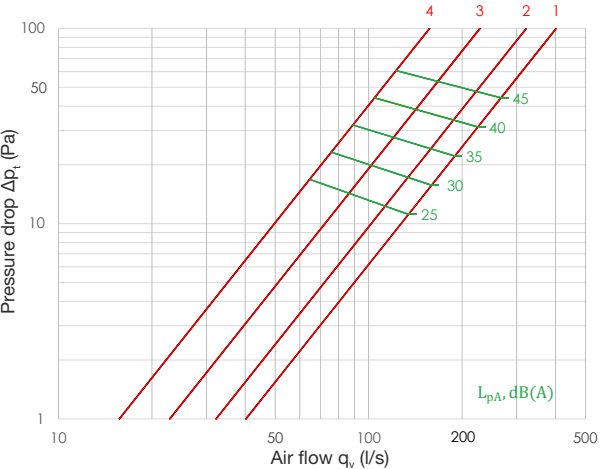
RSP 500x100 +SKRM



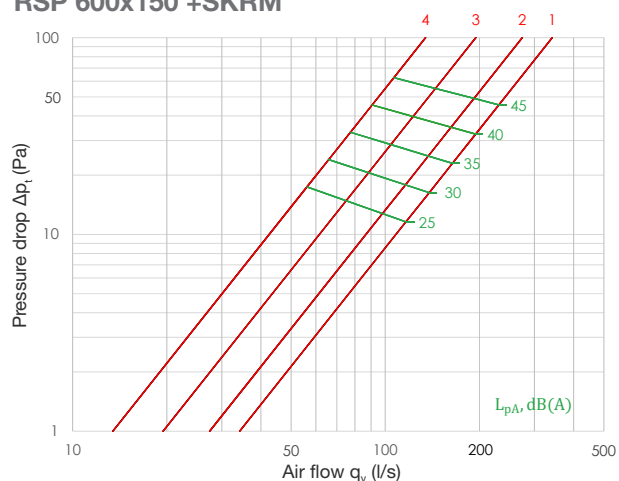
RSP 500x150 +SKRM



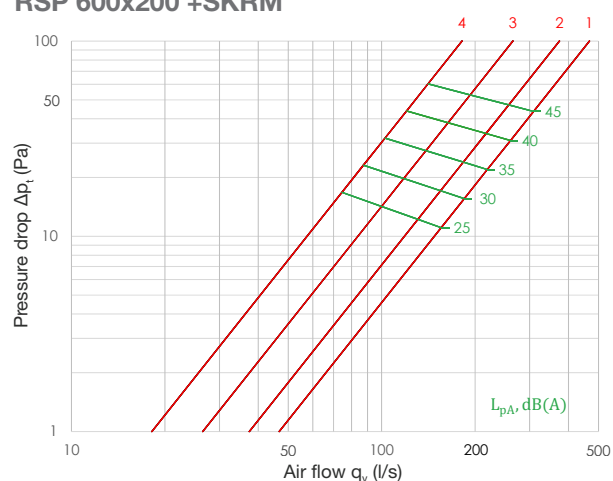
RSP 500x200 +SKRM



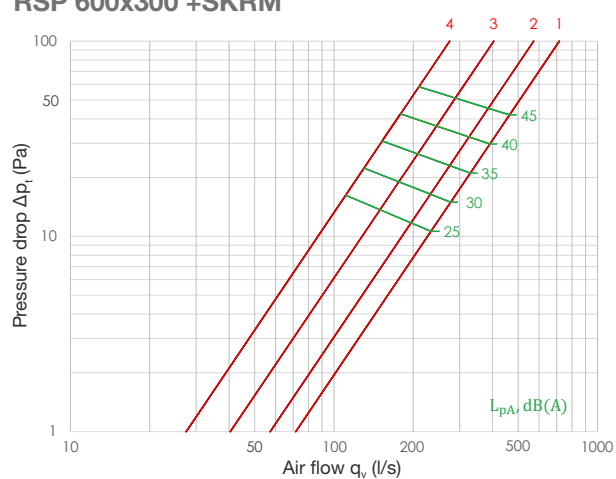
RSP 600x150 +SKRM



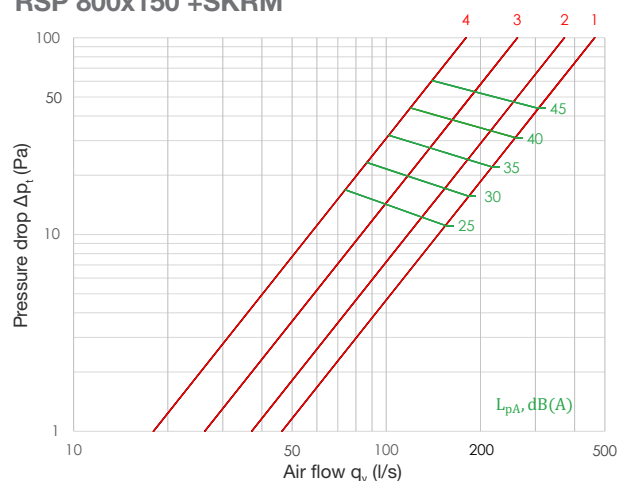
RSP 600x200 +SKRM



RSP 600x300 +SKRM

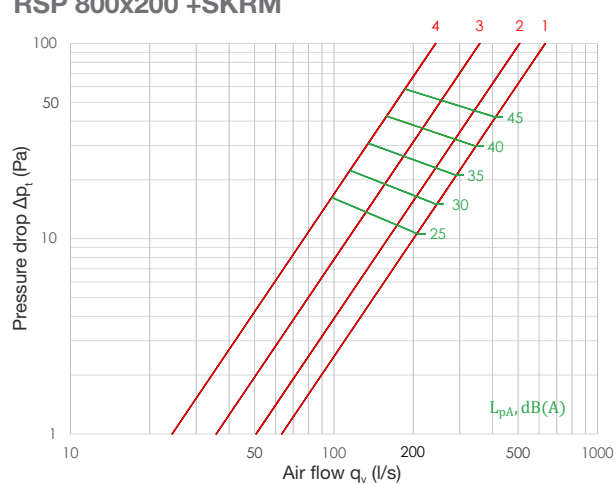


RSP 800x150 +SKRM

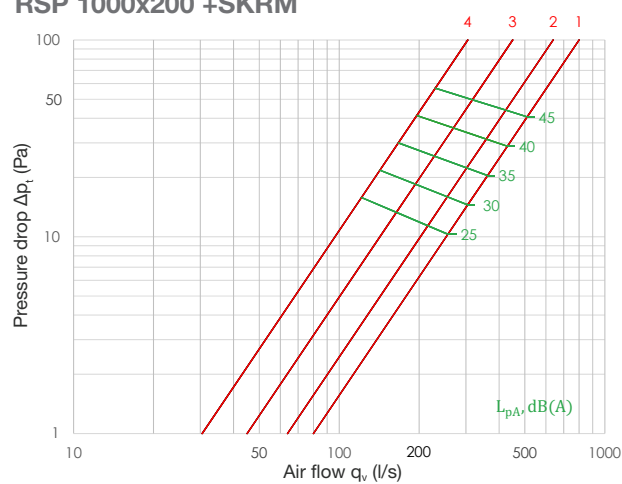


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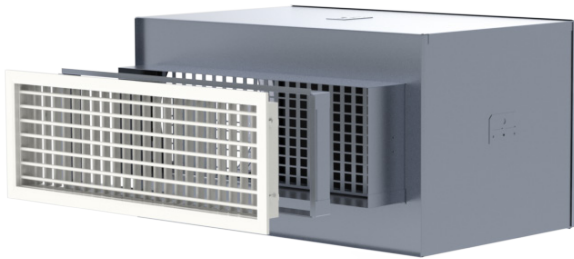
RSP 800x200 +SKRM



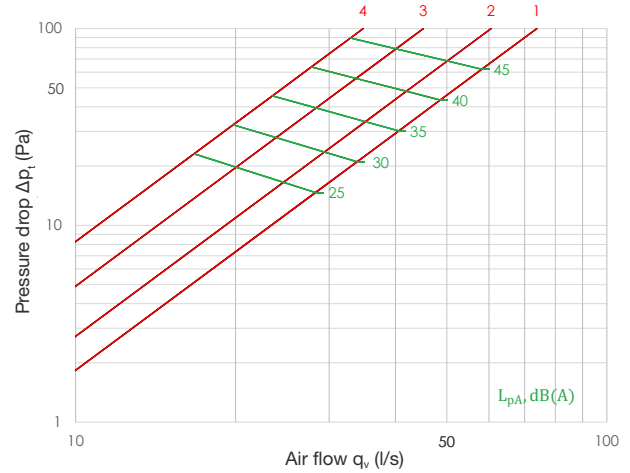
RSP 1000x200 +SKRM



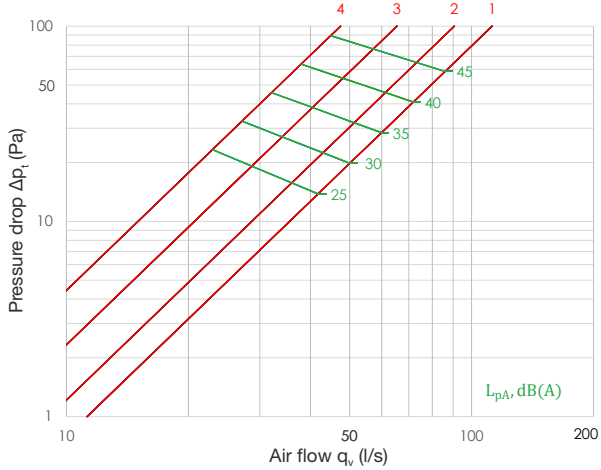
RSP+SKRM exhaust air: air flow - pressure drop



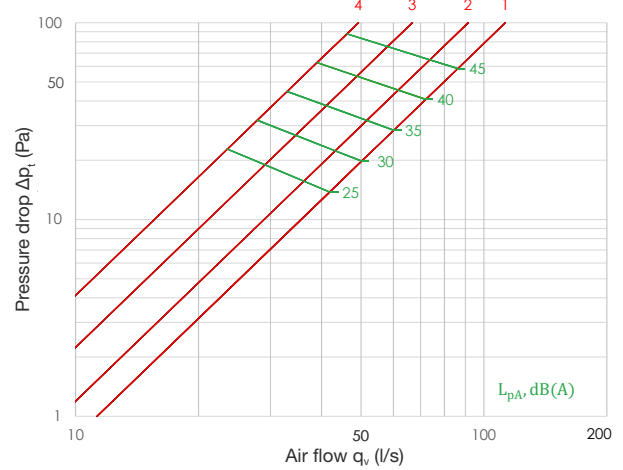
RSP 200x100 +SKRM



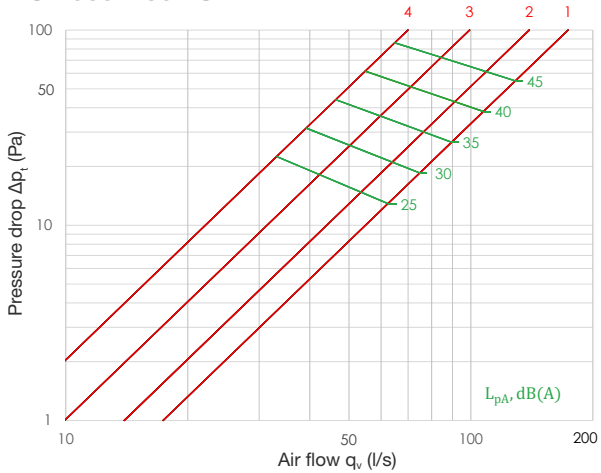
RSP 200x150 +SKRM



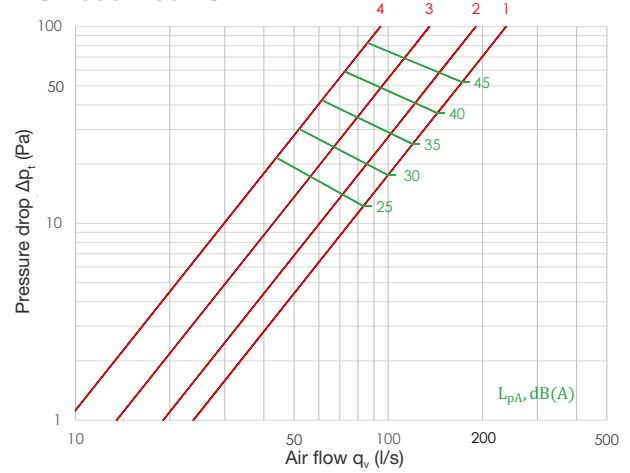
RSP 300x100 +SKRM



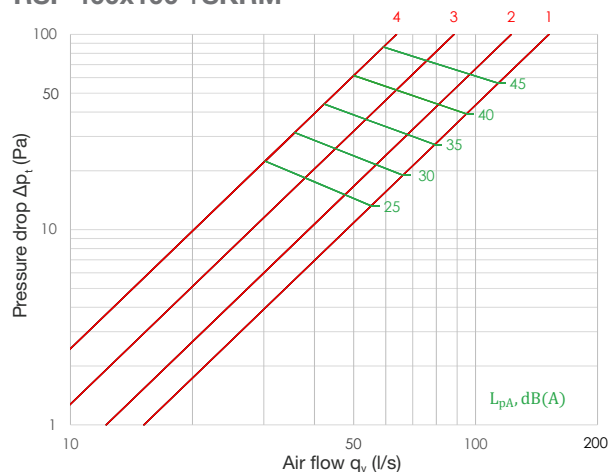
RSP 300x150 +SKRM



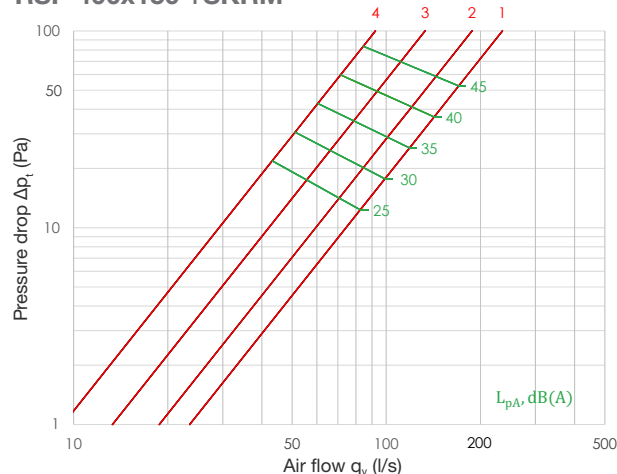
RSP 300x200 +SKRM



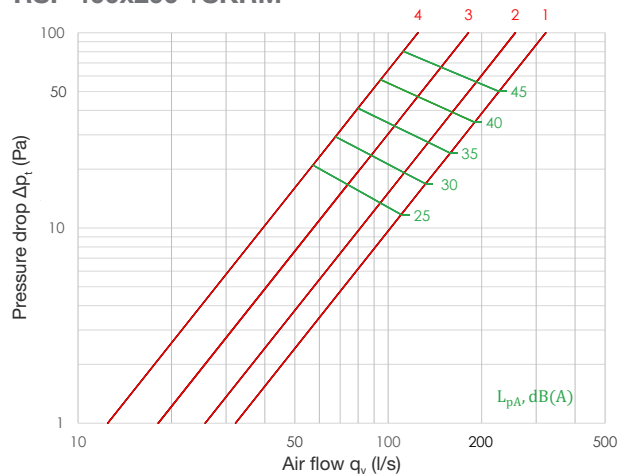
RSP 400x100 +SKRM



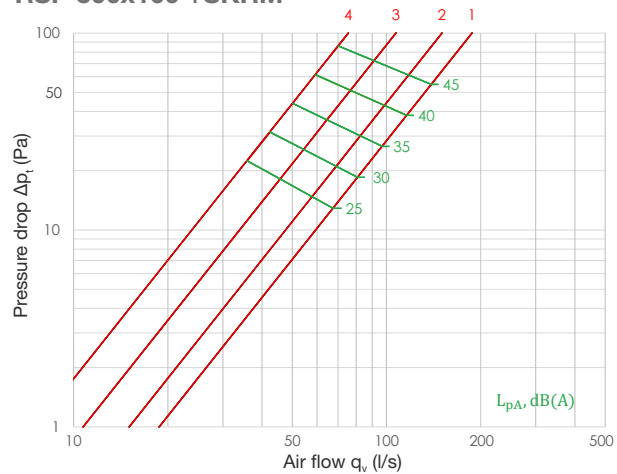
RSP 400x150 +SKRM



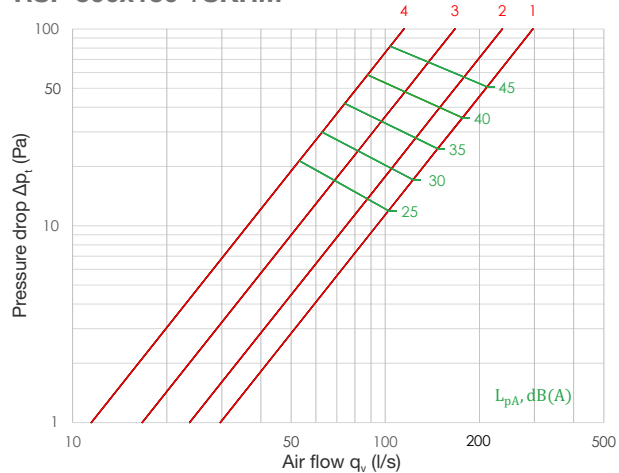
RSP 400x200 +SKRM



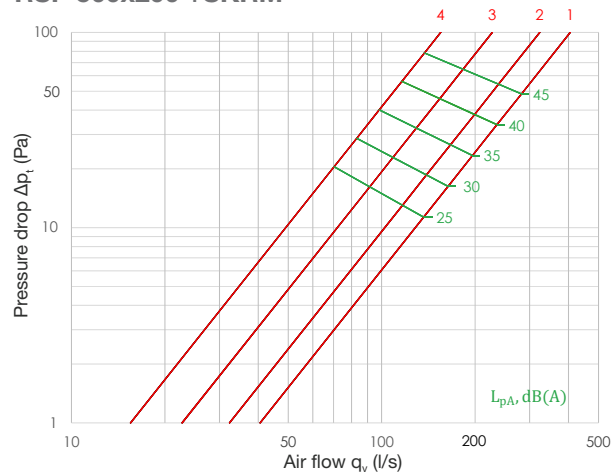
RSP 500x100 +SKRM



RSP 500x150 +SKRM



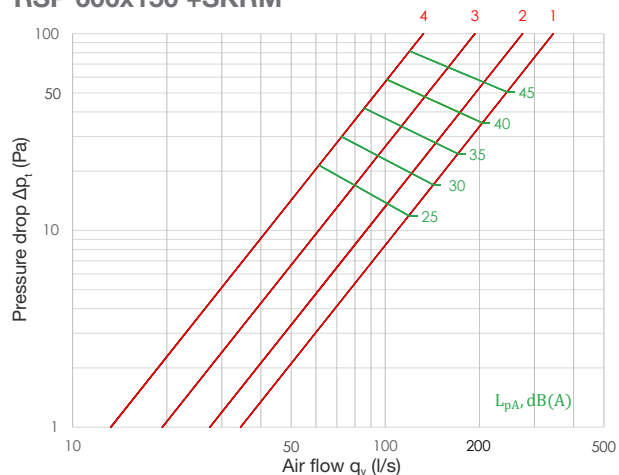
RSP 500x200 +SKRM



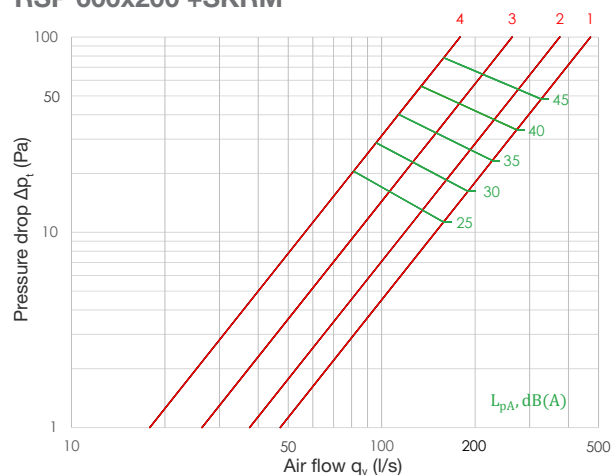
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NORDgrille | RSP/RSV

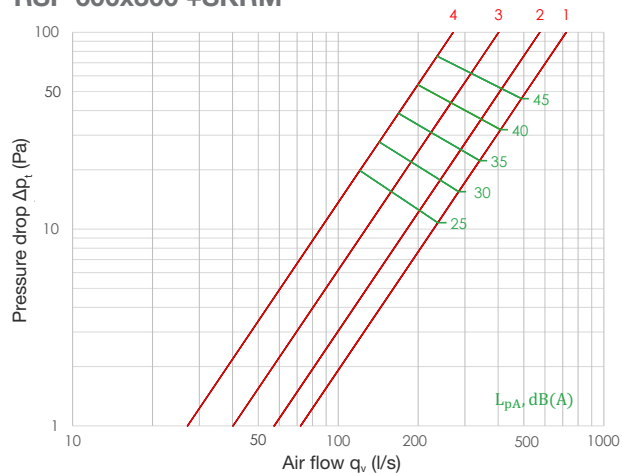
RSP 600x150 +SKRM



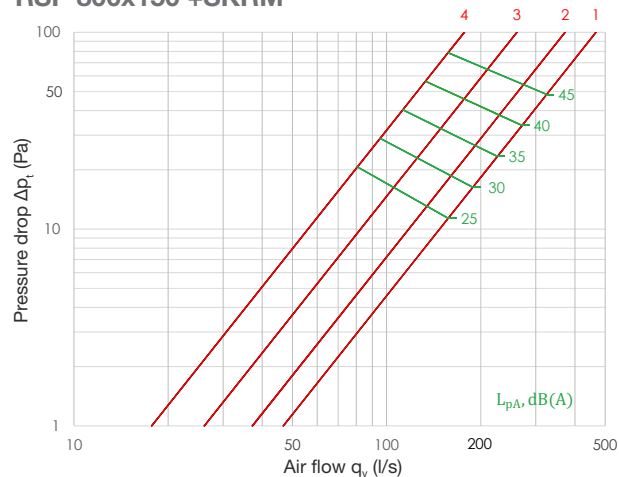
RSP 600x200 +SKRM



RSP 600x300 +SKRM

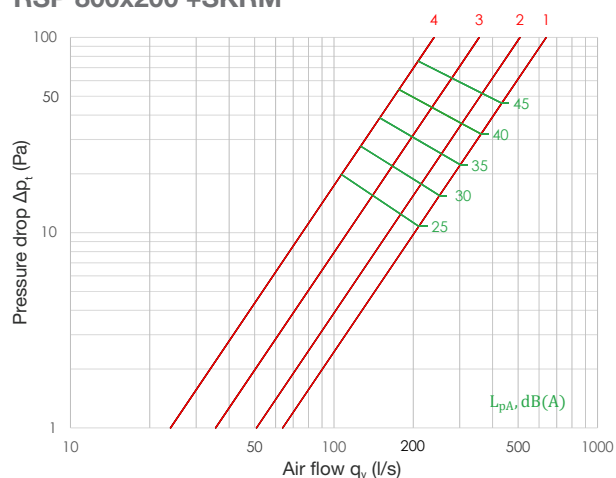


RSP 800x150 +SKRM

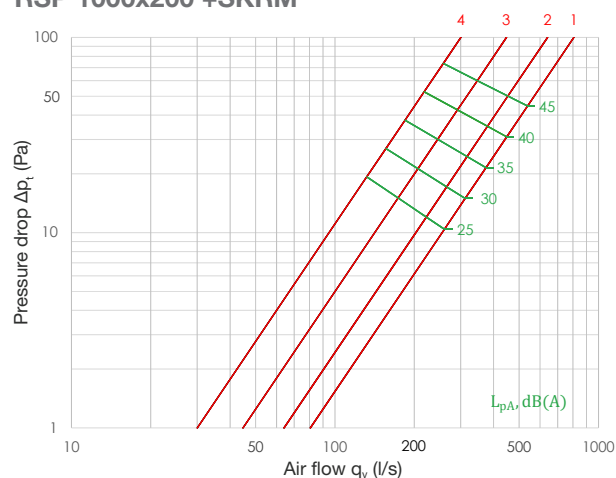


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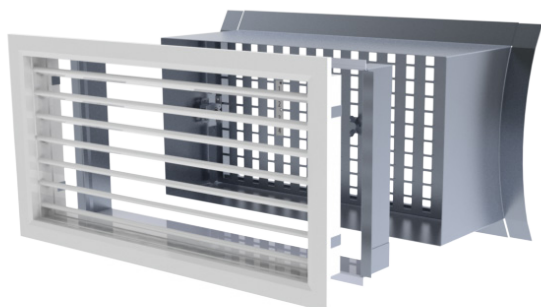
RSP 800x200 +SKRM



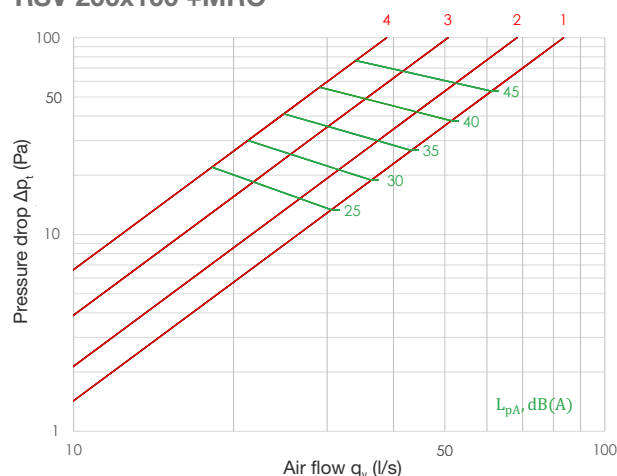
RSP 1000x200 +SKRM



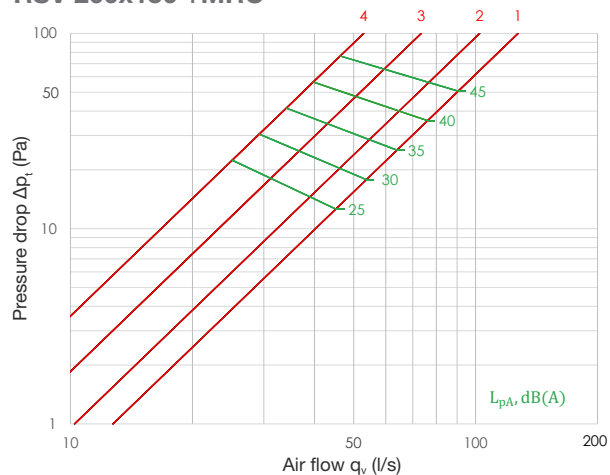
RSV+MRO exhaust air: air flow - pressure drop



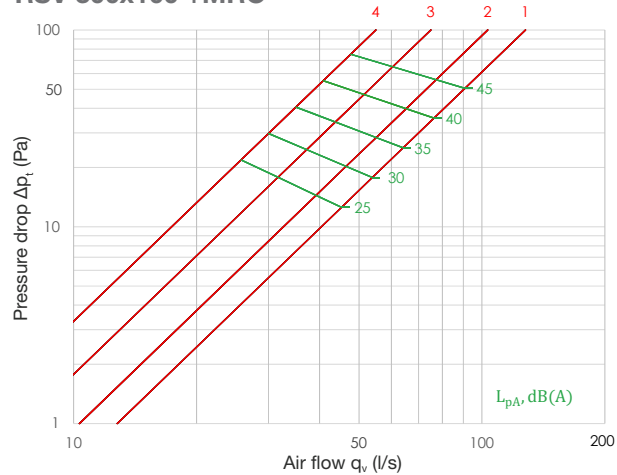
RSV 200x100 +MRO



RSV 200x150 +MRO

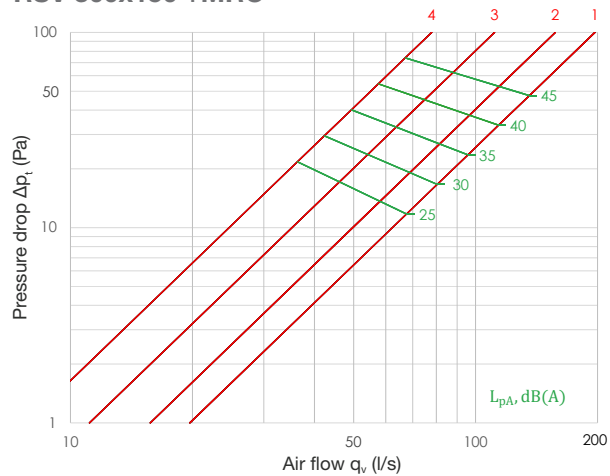


RSV 300x100 +MRO

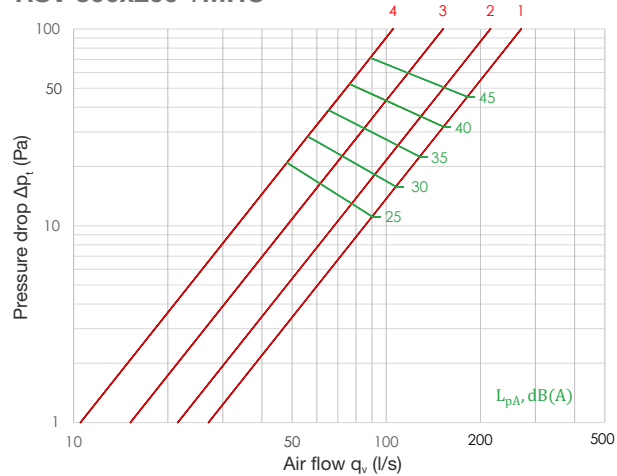


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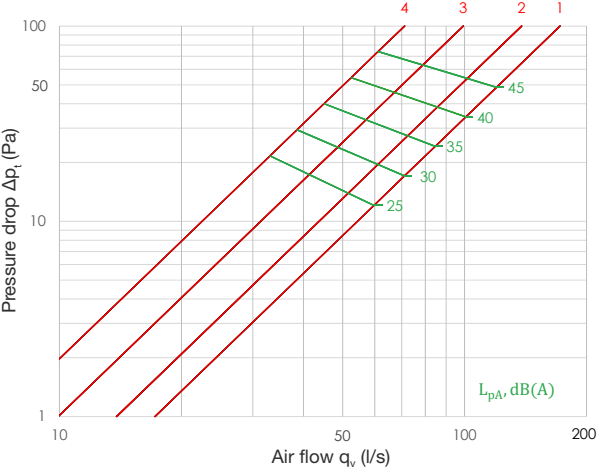
RSV 300x150 +MRO



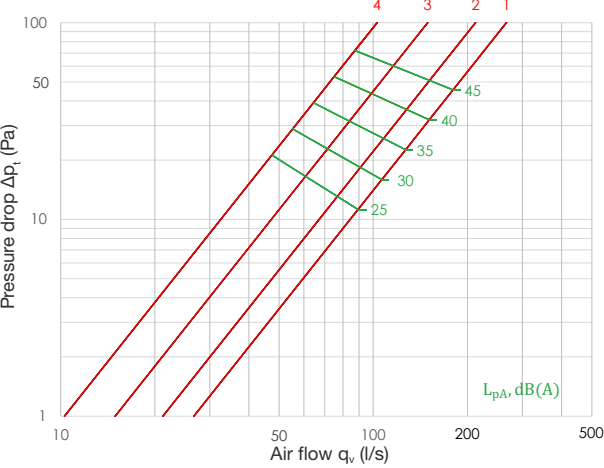
RSV 300x200 +MRO



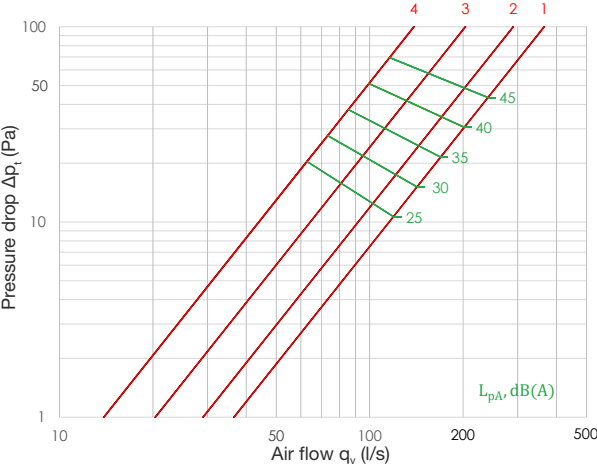
RSV 400x100 +MRO



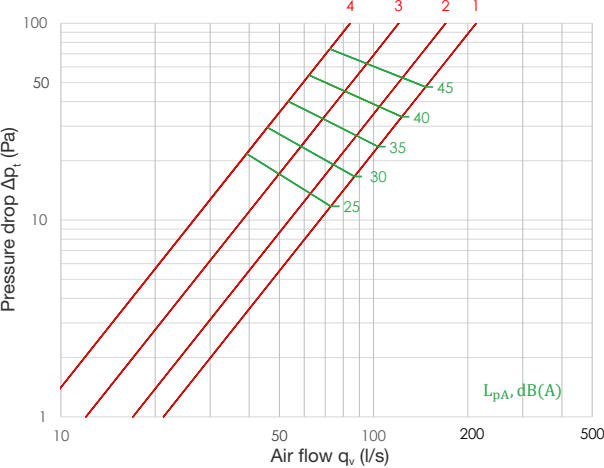
RSV 400x150 +MRO



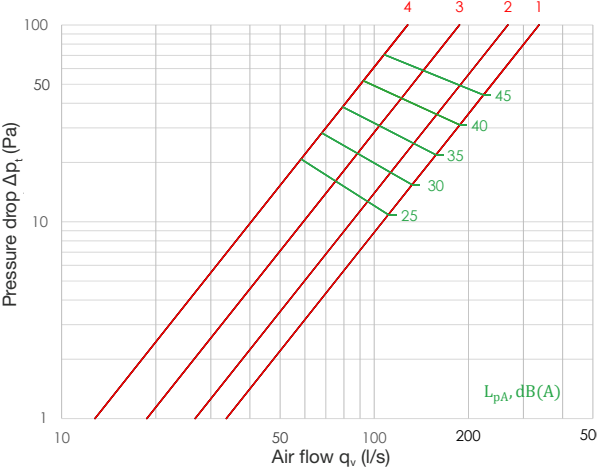
RSV 400x200 +MRO



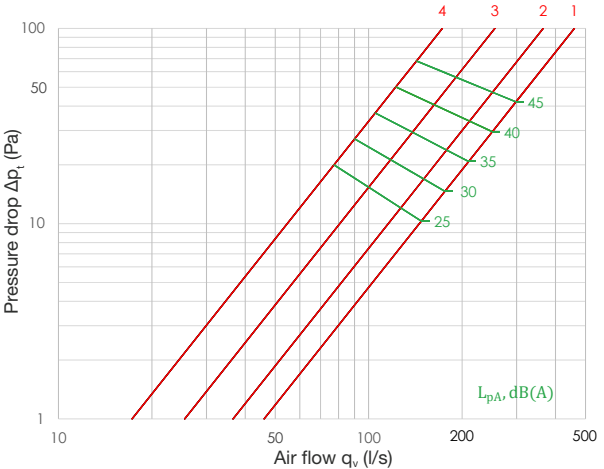
RSV 500x100 +MRO



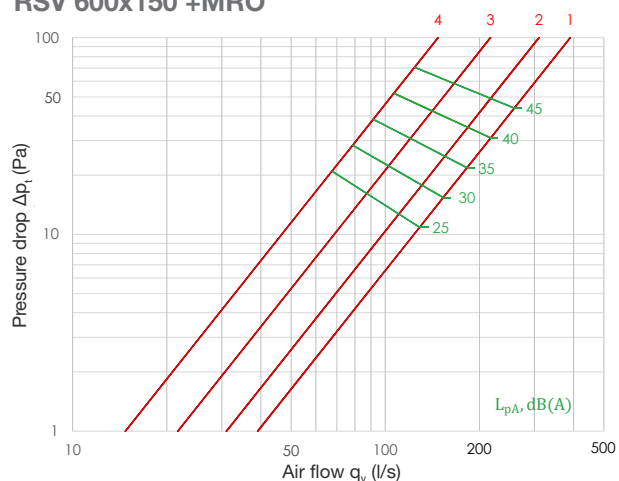
RSV 500x150 +MRO



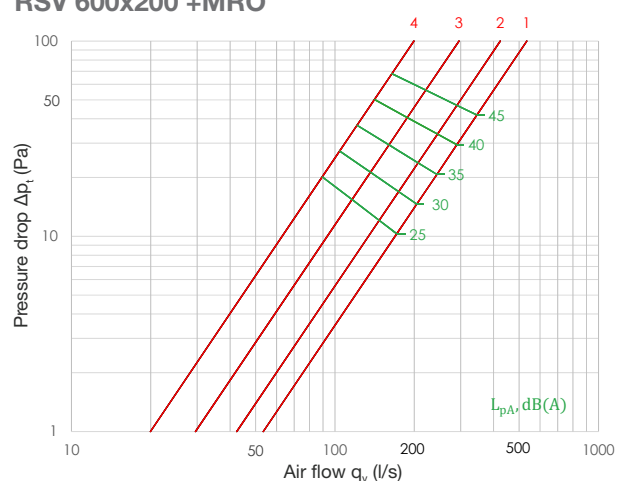
RSV 500x200 +MRO



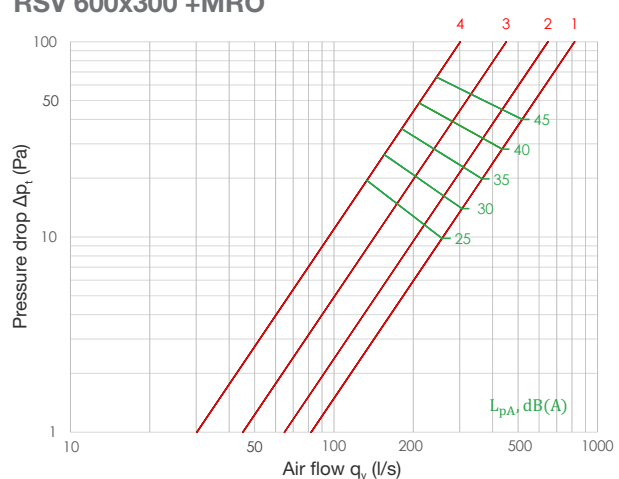
RSV 600x150 +MRO



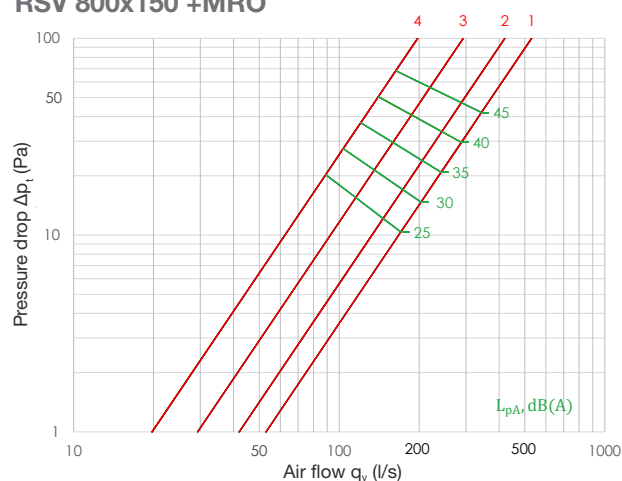
RSV 600x200 +MRO



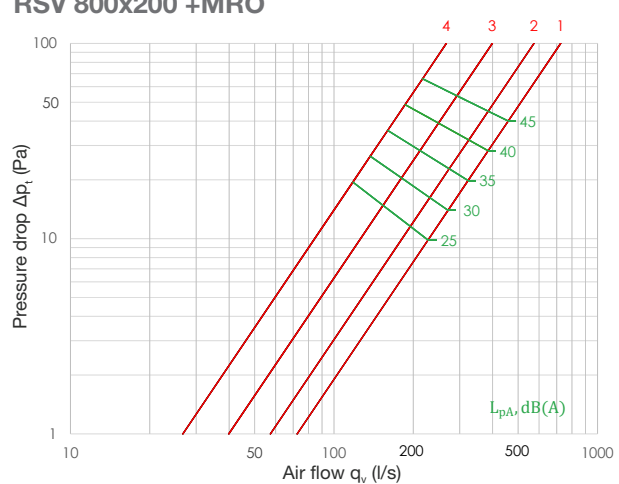
RSV 600x300 +MRO



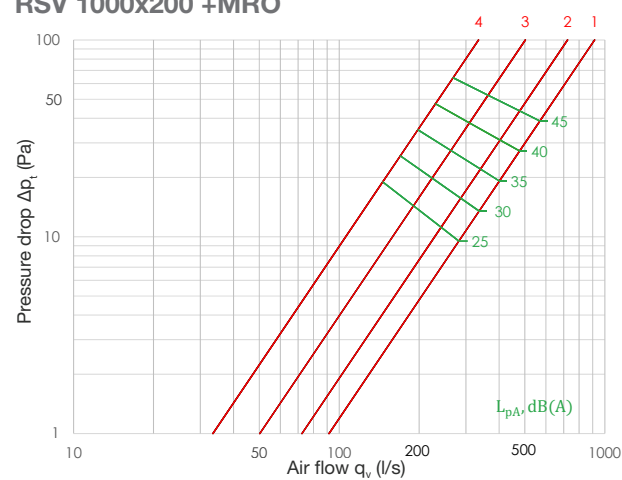
RSV 800x150 +MRO



RSV 800x200 +MRO



RSV 1000x200 +MRO



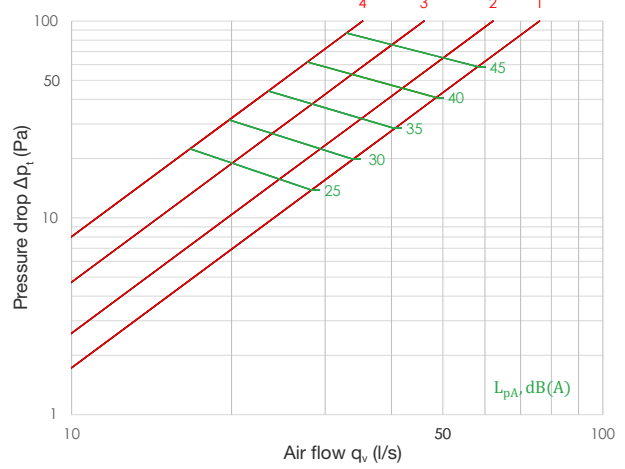
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NORDgrille | RSP/RSV

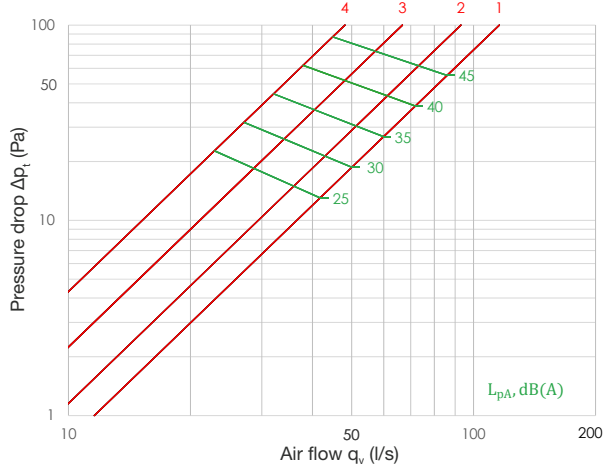
RSV+SKRM exhaust air: air flow - pressure drop



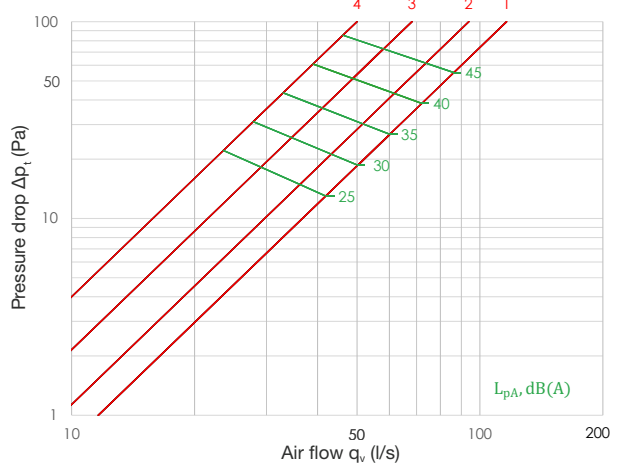
RSV 200x100 +SKRM



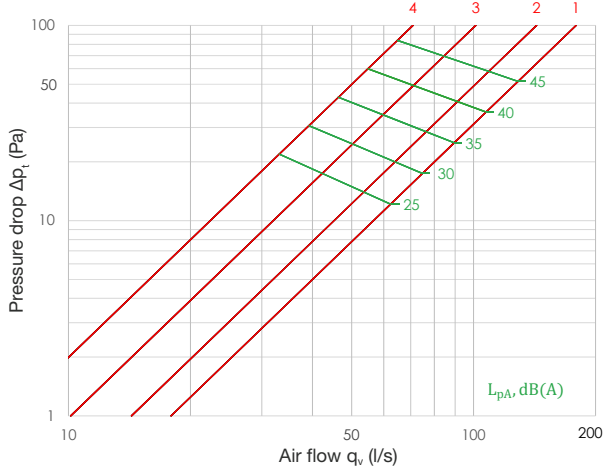
RSV 200x150 +SKRM



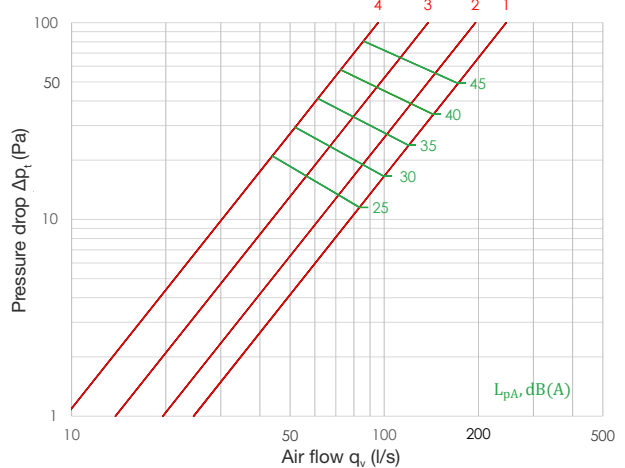
RSV 300x100 +SKRM



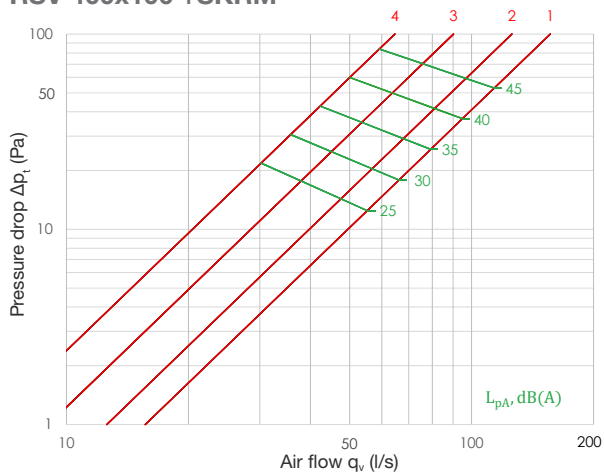
RSV 300x150 +SKRM



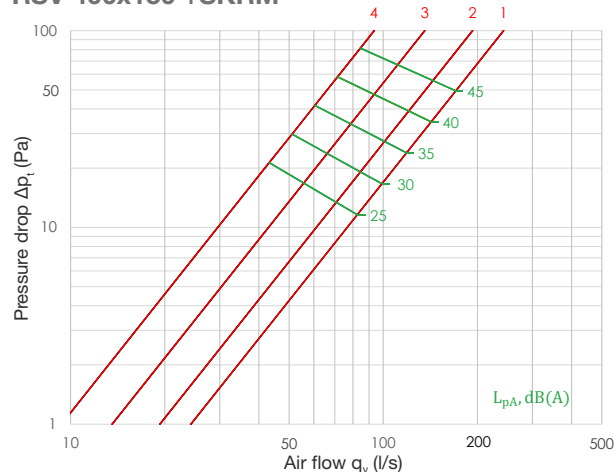
RSV 300x200 +SKRM



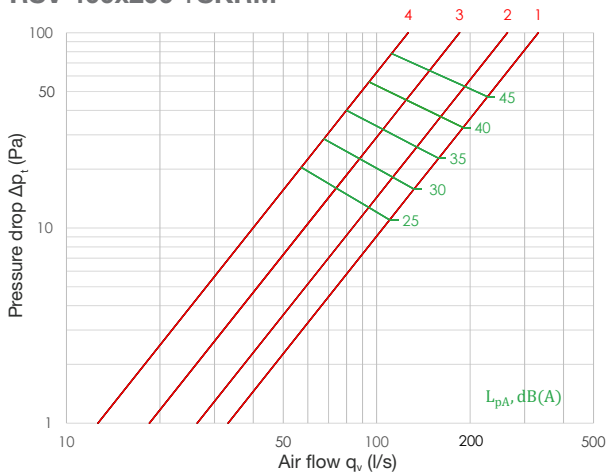
RSV 400x100 +SKRM



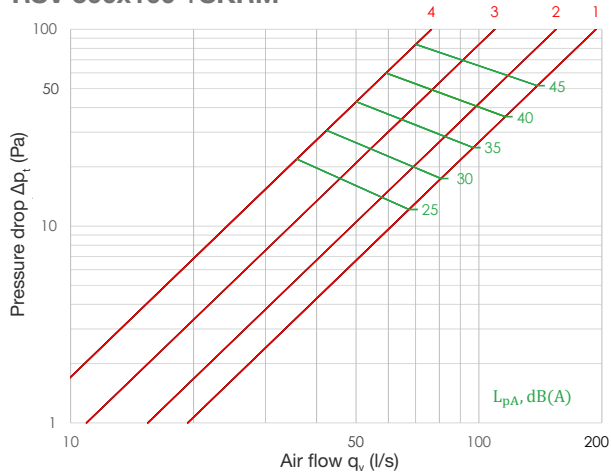
RSV 400x150 +SKRM



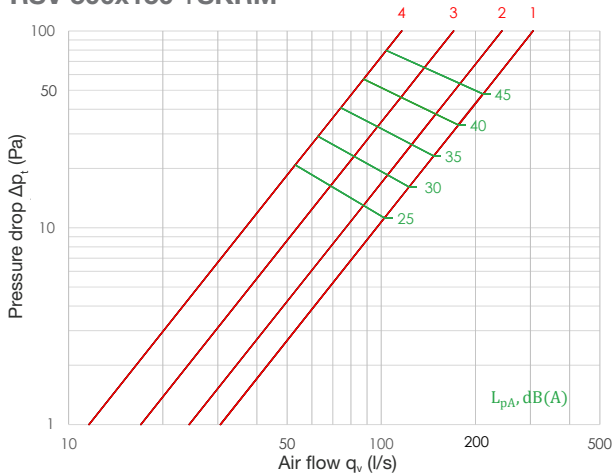
RSV 400x200 +SKRM



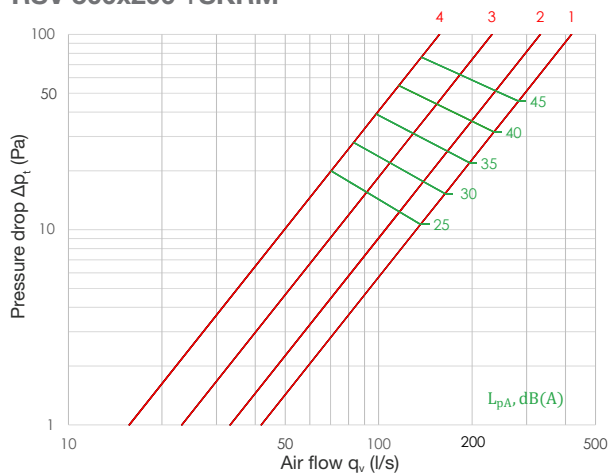
RSV 500x100 +SKRM



RSV 500x150 +SKRM



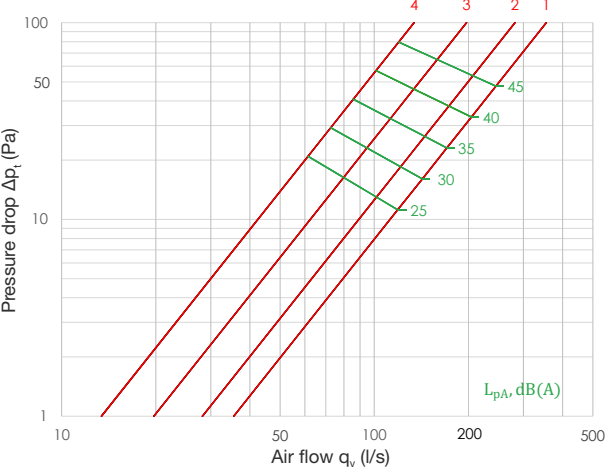
RSV 500x200 +SKRM



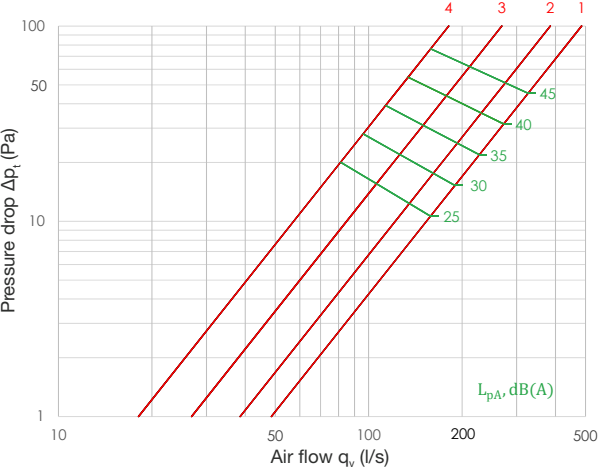
10

NORDgrille | RSP/RSV

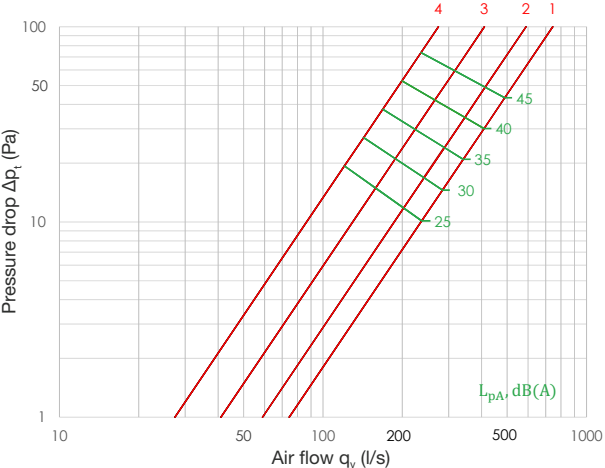
RSV 600x150 +SKRM



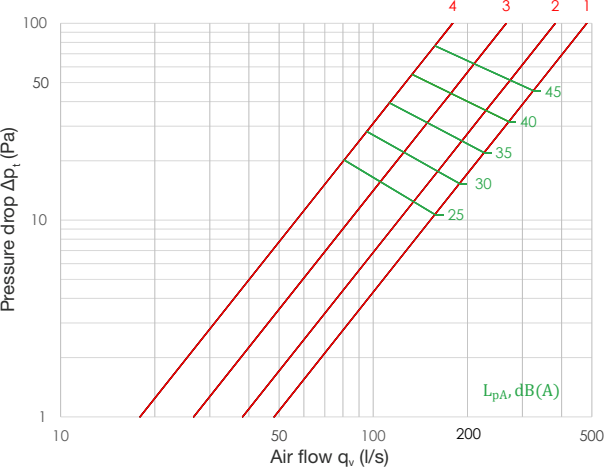
RSV 600x200 +SKRM



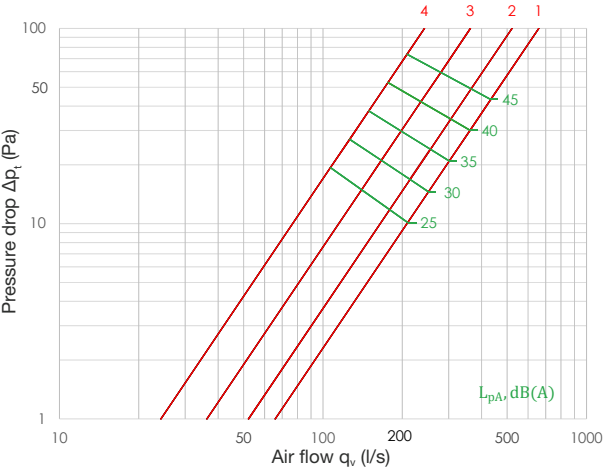
RSV 600x300 +SKRM



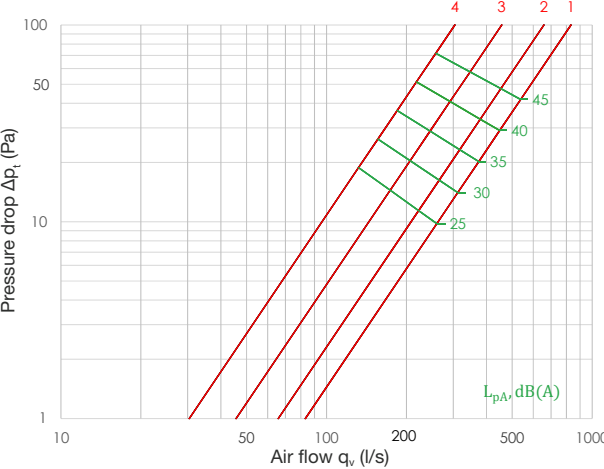
RSV 800x150 +SKRM



RSV 800x200 +SKRM



RSV 1000x200 +SKRM



Sound attenuation (dB)

RSP+SKRM supply air										
Dimensions	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,7	-1	0	0	-4	-4	-9	-16	-22
	s = 2	5,1	1	3	2	-3	-4	-10	-18	-24
	s = 3	7,7	2	4	2	-2	-6	-12	-19	-24
	s = 4	10,5	2	3	1	-2	-8	-12	-19	-23
200x150	s = 1	5,0	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	7,3	0	2	1	-3	-4	-10	-17	-23
	s = 3	11,5	2	4	2	-2	-6	-12	-19	-24
	s = 4	16,1	2	3	0	-2	-8	-12	-19	-23
300x100	s = 1	5,2	-2	-1	-1	-4	-4	-9	-15	-22
	s = 2	7,5	0	2	2	-3	-4	-10	-17	-23
	s = 3	11,6	2	4	2	-2	-6	-12	-19	-24
	s = 4	16,2	2	3	0	-2	-8	-12	-19	-23
300x150	s = 1	7,3	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	11,1	0	2	1	-3	-4	-10	-17	-23
	s = 3	17,9	2	4	2	-2	-6	-12	-19	-24
	s = 4	25,3	1	2	0	-2	-8	-12	-18	-22
300x200	s = 1	9,9	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	15,2	1	3	2	-3	-4	-10	-18	-24
	s = 3	24,8	2	4	2	-2	-6	-12	-19	-24
	s = 4	35,3	1	1	-1	-2	-9	-12	-18	-22
400x100	s = 1	6,7	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	9,9	0	2	1	-3	-4	-10	-17	-23
	s = 3	15,6	2	4	2	-2	-6	-12	-19	-24
	s = 4	21,9	2	2	0	-2	-8	-12	-19	-23
400x150	s = 1	9,7	-2	-1	-1	-4	-3	-8	-15	-21
	s = 2	14,9	0	2	1	-3	-4	-10	-17	-23
	s = 3	24,3	2	4	2	-2	-6	-12	-19	-24
	s = 4	34,6	1	2	0	-2	-9	-12	-18	-22
400x200	s = 1	13,1	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	20,4	1	3	2	-3	-4	-11	-18	-24
	s = 3	33,6	2	4	2	-2	-7	-12	-19	-24
	s = 4	48,2	1	1	-1	-2	-9	-12	-18	-22
500x100	s = 1	8,1	-2	-1	-1	-4	-4	-9	-15	-21
	s = 2	12,3	0	2	1	-3	-4	-10	-17	-23
	s = 3	19,8	2	4	2	-2	-6	-12	-19	-24
	s = 4	27,9	1	2	0	-2	-8	-12	-18	-22
500x150	s = 1	12,0	-2	-2	-1	-4	-3	-8	-15	-21
	s = 2	18,7	0	2	2	-3	-4	-10	-17	-23
	s = 3	30,7	2	4	2	-2	-6	-12	-19	-24
	s = 4	43,9	1	2	-1	-2	-9	-12	-18	-22
500x200	s = 1	16,2	-2	-1	-1	-4	-4	-8	-15	-21
	s = 2	25,6	1	3	2	-3	-4	-11	-18	-24
	s = 3	42,4	2	4	2	-2	-7	-12	-19	-24
	s = 4	61,0	1	1	-1	-2	-9	-12	-18	-22
600x150	s = 1	13,8	-2	-2	-2	-4	-3	-8	-15	-21
	s = 2	21,4	0	2	1	-3	-4	-10	-17	-23
	s = 3	35,0	2	4	2	-2	-6	-12	-19	-24
	s = 4	49,9	2	2	0	-2	-8	-12	-19	-23
600x200	s = 1	18,7	-2	-2	-2	-4	-3	-8	-15	-21
	s = 2	29,4	0	2	1	-3	-4	-10	-17	-23
	s = 3	48,4	2	4	2	-2	-6	-12	-19	-24
	s = 4	69,4	1	2	0	-2	-9	-12	-18	-22
600x300	s = 1	28,3	-2	-2	-2	-4	-3	-8	-15	-21
	s = 2	45,0	0	2	1	-3	-4	-10	-17	-23
	s = 3	74,6	2	4	2	-2	-6	-12	-19	-24
	s = 4	107,5	1	1	-1	-2	-9	-12	-18	-22
800x150	s = 1	18,5	-2	-2	-2	-4	-3	-8	-15	-21
	s = 2	29,0	0	2	1	-3	-4	-10	-17	-23
	s = 3	47,8	2	4	2	-2	-6	-12	-19	-24
	s = 4	68,5	1	2	0	-2	-9	-12	-18	-22

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NORDgrille | RSP/RSV

RSP+SKRM supply air

Dimensions	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
800x200	s = 1	25,0	-2	-2	-2	-4	-3	-8	-15	-21
	s = 2	39,8	0	2	1	-3	-4	-10	-17	-23
	s = 3	66,0	2	4	2	-2	-6	-12	-19	-24
	s = 4	95,1	1	1	-1	-2	-9	-12	-18	-22
1000x200	s = 1	31,4	-2	-2	-1	-4	-3	-8	-15	-21
	s = 2	50,2	1	2	2	-3	-4	-10	-18	-23
	s = 3	83,6	2	4	2	-2	-7	-12	-19	-24
	s = 4	120,8	1	1	-1	-2	-9	-12	-18	-22
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

RSP+MRO supply air

Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,7	-14	-9	-5	-3	-4	-9	-16	-23
	s = 2	4,8	-12	-5	-3	-2	-5	-10	-16	-23
	s = 3	6,5	-5	0	-1	-1	-5	-11	-18	-24
	s = 4	8,1	3	5	0	-1	-5	-11	-22	-26
200x150	s = 1	5,0	-14	-9	-6	-3	-4	-8	-16	-23
	s = 2	7,0	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	9,8	-6	0	-1	-1	-5	-11	-18	-24
	s = 4	12,3	4	5	0	-1	-5	-11	-22	-26
300x100	s = 1	5,2	-14	-9	-5	-3	-4	-8	-16	-23
	s = 2	7,1	-12	-5	-3	-2	-4	-10	-16	-23
	s = 3	9,9	-5	0	-1	-1	-5	-11	-18	-24
	s = 4	12,4	4	6	0	-1	-5	-11	-23	-26
300x150	s = 1	7,4	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	10,6	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	15,1	-5	1	-1	-1	-5	-11	-19	-24
	s = 4	19,1	6	6	0	-1	-5	-11	-23	-26
300x200	s = 1	10,0	-14	-9	-6	-4	-4	-8	-16	-23
	s = 2	14,4	-12	-5	-3	-2	-5	-10	-16	-23
	s = 3	20,7	-4	1	0	-1	-5	-11	-19	-25
	s = 4	26,2	7	7	0	-2	-5	-11	-24	-26
400x100	s = 1	6,7	-14	-9	-5	-3	-4	-8	-16	-23
	s = 2	9,4	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	13,2	-5	0	-1	-1	-5	-11	-18	-24
	s = 4	16,7	4	6	0	-1	-5	-11	-23	-26
400x150	s = 1	9,8	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	14,2	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	20,4	-4	1	-1	-1	-5	-11	-19	-24
	s = 4	25,9	6	7	0	-2	-5	-11	-24	-26
400x200	s = 1	13,2	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	19,3	-11	-5	-3	-2	-5	-10	-16	-23
	s = 3	27,9	-3	1	0	-1	-5	-11	-19	-25
	s = 4	35,5	8	8	0	-2	-5	-11	-25	-27
500x100	s = 1	8,2	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	11,7	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	16,7	-5	1	-1	-1	-5	-11	-19	-24
	s = 4	21,1	6	6	0	-1	-5	-11	-23	-26
500x150	s = 1	12,1	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	17,8	-12	-5	-3	-2	-4	-10	-16	-23
	s = 3	25,6	-4	1	0	-1	-5	-11	-19	-25
	s = 4	32,7	7	7	0	-2	-5	-11	-24	-26
500x200	s = 1	16,4	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	24,2	-11	-5	-3	-2	-5	-10	-16	-23
	s = 3	35,1	-3	2	0	-1	-5	-11	-19	-25
	s = 4	44,8	9	8	0	-2	-5	-11	-25	-27
600x150	s = 1	14,0	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	20,6	-12	-6	-3	-2	-4	-9	-16	-23
	s = 3	29,7	-5	0	-1	-1	-5	-11	-18	-24
	s = 4	37,9	5	6	0	-1	-5	-11	-23	-26

RSP+MRO supply air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
600x200	s = 1	18,9	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	28,0	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	40,6	-4	1	-1	-1	-5	-11	-19	-24
	s = 4	51,9	7	7	0	-2	-5	-11	-24	-26
600x300	s = 1	28,8	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	42,8	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	62,3	-4	1	0	-1	-5	-11	-19	-25
	s = 4	79,6	8	7	0	-2	-5	-11	-24	-26
800x150	s = 1	18,8	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	27,8	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	40,3	-5	1	-1	-1	-5	-11	-19	-24
	s = 4	51,4	6	7	0	-1	-5	-11	-24	-26
800x200	s = 1	25,4	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	37,8	-12	-6	-3	-2	-4	-10	-16	-23
	s = 3	55,1	-4	1	0	-1	-5	-11	-19	-25
	s = 4	70,4	8	7	0	-2	-5	-11	-24	-26
1000x200	s = 1	31,8	-14	-10	-6	-4	-4	-8	-16	-23
	s = 2	47,6	-12	-5	-3	-2	-4	-10	-16	-23
	s = 3	69,5	-4	1	0	-1	-5	-11	-19	-25
	s = 4	89,0	8	8	0	-2	-5	-11	-25	-27
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

RSP+SKRM exhaust air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,2	2	3	1	-3	-5	-12	-18	-23
	s = 2	4,2	4	6	3	-2	-5	-15	-20	-24
	s = 3	5,6	5	8	3	-3	-5	-16	-22	-25
	s = 4	6,9	5	8	0	-6	-5	-15	-22	-25
200x150	s = 1	4,5	2	2	1	-3	-5	-11	-18	-23
	s = 2	6,1	4	6	3	-2	-5	-14	-20	-24
	s = 3	8,4	5	8	3	-3	-5	-16	-22	-25
	s = 4	10,5	5	7	0	-6	-5	-15	-22	-25
300x100	s = 1	4,6	2	3	1	-3	-5	-11	-18	-23
	s = 2	6,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	8,5	5	8	3	-3	-5	-16	-22	-25
	s = 4	10,5	4	7	-1	-6	-5	-15	-21	-25
300x150	s = 1	6,6	2	2	0	-3	-5	-11	-17	-23
	s = 2	9,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	12,9	5	8	2	-3	-5	-16	-22	-25
	s = 4	16,2	4	7	-1	-7	-5	-15	-21	-25
300x200	s = 1	8,9	2	2	1	-3	-5	-11	-18	-23
	s = 2	12,5	4	6	3	-2	-5	-15	-20	-24
	s = 3	17,7	5	8	2	-3	-5	-16	-22	-25
	s = 4	22,3	4	7	-2	-7	-5	-14	-21	-25
400x100	s = 1	6,0	2	2	1	-3	-5	-11	-18	-23
	s = 2	8,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	11,3	5	8	3	-3	-5	-16	-22	-25
	s = 4	14,2	4	7	-1	-6	-5	-15	-21	-25
400x150	s = 1	8,7	1	2	0	-3	-5	-11	-17	-23
	s = 2	12,3	4	6	3	-2	-5	-14	-20	-24
	s = 3	17,4	5	8	2	-3	-5	-16	-22	-25
	s = 4	22,0	4	7	-2	-7	-5	-14	-21	-25
400x200	s = 1	11,7	2	2	1	-3	-5	-11	-17	-23
	s = 2	16,8	4	6	3	-2	-5	-15	-20	-24
	s = 3	23,8	5	8	2	-4	-5	-16	-22	-25
	s = 4	30,1	4	7	-2	-8	-5	-14	-21	-24
500x100	s = 1	7,3	2	2	0	-3	-5	-11	-17	-23
	s = 2	10,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	14,2	5	8	2	-3	-5	-16	-22	-25
	s = 4	17,9	4	7	-1	-7	-5	-15	-21	-25

RSP+SKRM exhaust air

Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
500x150	s = 1	10,8	1	2	0	-4	-5	-11	-17	-23
	s = 2	15,4	4	6	3	-2	-5	-14	-20	-24
	s = 3	21,9	5	8	2	-3	-5	-16	-22	-25
	s = 4	27,7	4	7	-2	-7	-5	-14	-21	-25
500x200	s = 1	14,6	2	2	0	-3	-5	-11	-17	-23
	s = 2	21,0	4	6	3	-2	-5	-15	-20	-24
	s = 3	30,0	5	8	2	-4	-5	-16	-22	-25
	s = 4	38,0	4	7	-3	-8	-5	-14	-21	-24
600x150	s = 1	12,5	1	2	0	-4	-5	-10	-17	-23
	s = 2	17,9	4	5	3	-2	-5	-14	-20	-24
	s = 3	25,5	5	8	3	-3	-5	-16	-22	-25
	s = 4	32,2	4	7	-1	-6	-5	-15	-21	-25
600x200	s = 1	16,9	1	2	0	-4	-5	-10	-17	-23
	s = 2	24,4	4	6	3	-2	-5	-14	-20	-24
	s = 3	34,8	5	8	2	-3	-5	-16	-22	-25
	s = 4	44,0	4	7	-2	-7	-5	-14	-21	-25
600x300	s = 1	25,6	1	2	0	-4	-5	-10	-17	-23
	s = 2	37,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	53,3	5	8	2	-3	-5	-16	-22	-25
	s = 4	67,6	4	7	-2	-7	-5	-14	-21	-25
800x150	s = 1	16,8	1	2	0	-4	-5	-10	-17	-23
	s = 2	24,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	34,5	5	8	2	-3	-5	-16	-22	-25
	s = 4	43,7	4	7	-2	-7	-5	-14	-21	-25
800x200	s = 1	22,6	1	2	0	-4	-5	-10	-17	-23
	s = 2	32,9	4	6	3	-2	-5	-14	-20	-24
	s = 3	47,1	5	8	2	-3	-5	-16	-22	-25
	s = 4	59,8	4	7	-2	-7	-5	-14	-21	-25
1000x200	s = 1	28,4	1	2	0	-4	-5	-10	-17	-23
	s = 2	41,4	4	6	3	-2	-5	-15	-20	-24
	s = 3	59,4	5	8	2	-4	-5	-16	-22	-25
	s = 4	75,5	4	7	-3	-8	-5	-14	-21	-24
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

RSP+MRO exhaust air

Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,4	-6	-2	-1	-3	-6	-8	-16	-22
	s = 2	4,4	-5	1	1	-1	-5	-12	-18	-23
	s = 3	5,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	7,2	-6	1	1	-2	-6	-14	-23	-31
200x150	s = 1	4,7	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	6,4	-5	1	1	-1	-5	-11	-18	-23
	s = 3	8,8	-5	2	2	-1	-5	-14	-21	-26
	s = 4	11,0	-6	1	0	-3	-6	-14	-24	-31
300x100	s = 1	4,9	-6	-2	-1	-3	-6	-8	-16	-22
	s = 2	6,5	-5	1	1	-1	-5	-11	-18	-23
	s = 3	8,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	11,1	-6	1	0	-3	-6	-14	-24	-31
300x150	s = 1	7,0	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	9,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	13,6	-5	2	2	-1	-5	-14	-21	-26
	s = 4	17,1	-6	0	0	-3	-6	-13	-24	-32
300x200	s = 1	9,4	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	13,2	-5	1	1	-1	-5	-12	-18	-23
	s = 3	18,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	23,4	-6	0	-1	-4	-7	-13	-24	-33
400x100	s = 1	6,3	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	8,6	-5	1	1	-1	-5	-11	-18	-23
	s = 3	11,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	14,9	-6	0	0	-3	-6	-14	-24	-32

RSP+MRO exhaust air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
400x150	s = 1	9,2	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	13,0	-5	1	1	-1	-5	-11	-18	-23
	s = 3	18,3	-5	2	2	-1	-5	-14	-21	-27
	s = 4	23,1	-6	0	-1	-4	-7	-13	-24	-33
400x200	s = 1	12,4	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	17,7	-5	1	1	-1	-5	-12	-18	-23
	s = 3	25,1	-5	2	2	-1	-5	-14	-22	-27
	s = 4	31,7	-6	-1	-1	-4	-7	-13	-25	-34
500x100	s = 1	7,7	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	10,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	15,0	-5	2	2	-1	-5	-14	-21	-26
	s = 4	18,9	-6	0	0	-3	-6	-13	-24	-32
500x150	s = 1	11,4	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	16,3	-5	1	1	-1	-5	-11	-18	-23
	s = 3	23,1	-5	2	2	-1	-5	-14	-21	-27
	s = 4	29,2	-6	0	-1	-4	-7	-13	-24	-33
500x200	s = 1	15,4	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	22,2	-5	1	1	-1	-5	-12	-18	-23
	s = 3	31,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	40,0	-6	-1	-2	-4	-7	-13	-25	-34
600x150	s = 1	13,2	-6	-3	-2	-4	-7	-6	-15	-22
	s = 2	18,9	-5	0	1	-1	-5	-11	-18	-23
	s = 3	26,8	-5	2	2	-1	-5	-14	-21	-26
	s = 4	33,9	-6	0	0	-3	-6	-13	-24	-32
600x200	s = 1	17,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	25,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	36,6	-5	2	2	-1	-5	-14	-21	-27
	s = 4	46,4	-6	0	-1	-4	-7	-13	-24	-33
600x300	s = 1	27,1	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	39,3	-5	1	1	-1	-5	-11	-18	-23
	s = 3	56,1	-5	2	2	-1	-5	-14	-22	-27
	s = 4	71,1	-6	-1	-1	-4	-7	-13	-25	-33
800x150	s = 1	17,7	-6	-3	-2	-4	-7	-6	-15	-22
	s = 2	25,5	-5	1	1	-1	-5	-11	-18	-23
	s = 3	36,3	-5	2	2	-1	-5	-14	-21	-26
	s = 4	46,0	-6	0	-1	-3	-7	-13	-24	-33
800x200	s = 1	23,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	34,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	49,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	62,9	-6	-1	-1	-4	-7	-13	-25	-33
1000x200	s = 1	29,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	43,6	-5	1	1	-1	-5	-11	-18	-23
	s = 3	62,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	79,4	-6	-1	-1	-4	-7	-13	-25	-34
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

RSV+MRO exhaust air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,4	-6	-2	-1	-3	-6	-8	-16	-22
	s = 2	4,4	-5	1	1	-1	-5	-12	-18	-23
	s = 3	5,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	7,2	-6	1	1	-2	-6	-14	-23	-31
200x150	s = 1	4,7	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	6,4	-5	1	1	-1	-5	-11	-18	-23
	s = 3	8,8	-5	2	2	-1	-5	-14	-21	-26
	s = 4	11,0	-6	1	0	-3	-6	-14	-24	-31
300x100	s = 1	4,9	-6	-2	-1	-3	-6	-8	-16	-22
	s = 2	6,5	-5	1	1	-1	-5	-11	-18	-23
	s = 3	8,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	11,1	-6	1	0	-3	-6	-14	-24	-31

RSV+MRO exhaust air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
300x150	s = 1	7,0	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	9,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	13,6	-5	2	2	-1	-5	-14	-21	-26
	s = 4	17,1	-6	0	0	-3	-6	-13	-24	-32
300x200	s = 1	9,4	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	13,2	-5	1	1	-1	-5	-12	-18	-23
	s = 3	18,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	23,4	-6	0	-1	-4	-7	-13	-24	-33
400x100	s = 1	6,3	-6	-3	-2	-3	-6	-7	-15	-22
	s = 2	8,6	-5	1	1	-1	-5	-11	-18	-23
	s = 3	11,9	-5	2	2	-1	-5	-14	-21	-26
	s = 4	14,9	-6	0	0	-3	-6	-14	-24	-32
400x150	s = 1	9,2	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	13,0	-5	1	1	-1	-5	-11	-18	-23
	s = 3	18,3	-5	2	2	-1	-5	-14	-21	-27
	s = 4	23,1	-6	0	-1	-4	-7	-13	-24	-33
400x200	s = 1	12,4	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	17,7	-5	1	1	-1	-5	-12	-18	-23
	s = 3	25,1	-5	2	2	-1	-5	-14	-22	-27
	s = 4	31,7	-6	-1	-1	-4	-7	-13	-25	-34
500x100	s = 1	7,7	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	10,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	15,0	-5	2	2	-1	-5	-14	-21	-26
	s = 4	18,9	-6	0	0	-3	-6	-13	-24	-32
500x150	s = 1	11,4	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	16,3	-5	1	1	-1	-5	-11	-18	-23
	s = 3	23,1	-5	2	2	-1	-5	-14	-21	-27
	s = 4	29,2	-6	0	-1	-4	-7	-13	-24	-33
500x200	s = 1	15,4	-6	-3	-2	-4	-6	-7	-15	-22
	s = 2	22,2	-5	1	1	-1	-5	-12	-18	-23
	s = 3	31,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	40,0	-6	-1	-2	-4	-7	-13	-25	-34
600x150	s = 1	13,2	-6	-3	-2	-4	-7	-6	-15	-22
	s = 2	18,9	-5	0	1	-1	-5	-11	-18	-23
	s = 3	26,8	-5	2	2	-1	-5	-14	-21	-26
	s = 4	33,9	-6	0	0	-3	-6	-13	-24	-32
600x200	s = 1	17,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	25,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	36,6	-5	2	2	-1	-5	-14	-21	-27
	s = 4	46,4	-6	0	-1	-4	-7	-13	-24	-33
600x300	s = 1	27,1	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	39,3	-5	1	1	-1	-5	-11	-18	-23
	s = 3	56,1	-5	2	2	-1	-5	-14	-22	-27
	s = 4	71,1	-6	-1	-1	-4	-7	-13	-25	-33
800x150	s = 1	17,7	-6	-3	-2	-4	-7	-6	-15	-22
	s = 2	25,5	-5	1	1	-1	-5	-11	-18	-23
	s = 3	36,3	-5	2	2	-1	-5	-14	-21	-26
	s = 4	46,0	-6	0	-1	-3	-7	-13	-24	-33
800x200	s = 1	23,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	34,7	-5	1	1	-1	-5	-11	-18	-23
	s = 3	49,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	62,9	-6	-1	-1	-4	-7	-13	-25	-33
1000x200	s = 1	29,9	-6	-3	-2	-4	-7	-7	-15	-22
	s = 2	43,6	-5	1	1	-1	-5	-11	-18	-23
	s = 3	62,6	-5	2	2	-1	-5	-14	-22	-27
	s = 4	79,4	-6	-1	-1	-4	-7	-13	-25	-34
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

RSV+SKRM exhaust air										
Grille size	Position	K-value	Mean frequency of octave band (Hz)							
			63	125	250	500	1000	2000	4000	8000
200x100	s = 1	3,2	2	3	1	-3	-5	-12	-18	-23
	s = 2	4,2	4	6	3	-2	-5	-15	-20	-24
	s = 3	5,6	5	8	3	-3	-5	-16	-22	-25
	s = 4	6,9	5	8	0	-6	-5	-15	-22	-25
200x150	s = 1	4,5	2	2	1	-3	-5	-11	-18	-23
	s = 2	6,1	4	6	3	-2	-5	-14	-20	-24
	s = 3	8,4	5	8	3	-3	-5	-16	-22	-25
	s = 4	10,5	5	7	0	-6	-5	-15	-22	-25
300x100	s = 1	4,6	2	3	1	-3	-5	-11	-18	-23
	s = 2	6,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	8,5	5	8	3	-3	-5	-16	-22	-25
	s = 4	10,5	4	7	-1	-6	-5	-15	-21	-25
300x150	s = 1	6,6	2	2	0	-3	-5	-11	-17	-23
	s = 2	9,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	12,9	5	8	2	-3	-5	-16	-22	-25
	s = 4	16,2	4	7	-1	-7	-5	-15	-21	-25
300x200	s = 1	8,9	2	2	1	-3	-5	-11	-18	-23
	s = 2	12,5	4	6	3	-2	-5	-15	-20	-24
	s = 3	17,7	5	8	2	-3	-5	-16	-22	-25
	s = 4	22,3	4	7	-2	-7	-5	-14	-21	-25
400x100	s = 1	6,0	2	2	1	-3	-5	-11	-18	-23
	s = 2	8,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	11,3	5	8	3	-3	-5	-16	-22	-25
	s = 4	14,2	4	7	-1	-6	-5	-15	-21	-25
400x150	s = 1	8,7	1	2	0	-3	-5	-11	-17	-23
	s = 2	12,3	4	6	3	-2	-5	-14	-20	-24
	s = 3	17,4	5	8	2	-3	-5	-16	-22	-25
	s = 4	22,0	4	7	-2	-7	-5	-14	-21	-25
400x200	s = 1	11,7	2	2	1	-3	-5	-11	-17	-23
	s = 2	16,8	4	6	3	-2	-5	-15	-20	-24
	s = 3	23,8	5	8	2	-4	-5	-16	-22	-25
	s = 4	30,1	4	7	-2	-8	-5	-14	-21	-24
500x100	s = 1	7,3	2	2	0	-3	-5	-11	-17	-23
	s = 2	10,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	14,2	5	8	2	-3	-5	-16	-22	-25
	s = 4	17,9	4	7	-1	-7	-5	-15	-21	-25
500x150	s = 1	10,8	1	2	0	-4	-5	-11	-17	-23
	s = 2	15,4	4	6	3	-2	-5	-14	-20	-24
	s = 3	21,9	5	8	2	-3	-5	-16	-22	-25
	s = 4	27,7	4	7	-2	-7	-5	-14	-21	-25
500x200	s = 1	14,6	2	2	0	-3	-5	-11	-17	-23
	s = 2	21,0	4	6	3	-2	-5	-15	-20	-24
	s = 3	30,0	5	8	2	-4	-5	-16	-22	-25
	s = 4	38,0	4	7	-3	-8	-5	-14	-21	-24
600x150	s = 1	12,5	1	2	0	-4	-5	-10	-17	-23
	s = 2	17,9	4	5	3	-2	-5	-14	-20	-24
	s = 3	25,5	5	8	3	-3	-5	-16	-22	-25
	s = 4	32,2	4	7	-1	-6	-5	-15	-21	-25
600x200	s = 1	16,9	1	2	0	-4	-5	-10	-17	-23
	s = 2	24,4	4	6	3	-2	-5	-14	-20	-24
	s = 3	34,8	5	8	2	-3	-5	-16	-22	-25
	s = 4	44,0	4	7	-2	-7	-5	-14	-21	-25
600x300	s = 1	25,6	1	2	0	-4	-5	-10	-17	-23
	s = 2	37,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	53,3	5	8	2	-3	-5	-16	-22	-25
	s = 4	67,6	4	7	-2	-7	-5	-14	-21	-25
800x150	s = 1	16,8	1	2	0	-4	-5	-10	-17	-23
	s = 2	24,2	4	6	3	-2	-5	-14	-20	-24
	s = 3	34,5	5	8	2	-3	-5	-16	-22	-25
	s = 4	43,7	4	7	-2	-7	-5	-14	-21	-25

RSV+SKRM exhaust air			Mean frequency of octave band (Hz)							
Grille size	Position	K-value	63	125	250	500	1000	2000	4000	8000
800x200	s = 1	22,6	1	2	0	-4	-5	-10	-17	-23
	s = 2	32,9	4	6	3	-2	-5	-14	-20	-24
	s = 3	47,1	5	8	2	-3	-5	-16	-22	-25
	s = 4	59,8	4	7	-2	-7	-5	-14	-21	-25
1000x200	s = 1	28,4	1	2	0	-4	-5	-10	-17	-23
	s = 2	41,4	4	6	3	-2	-5	-15	-20	-24
	s = 3	59,4	5	8	2	-4	-5	-16	-22	-25
	s = 4	75,5	4	7	-3	-8	-5	-14	-21	-24
			± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB	± 4 dB

Product codes

RSP	B x H	RAL 9003
Product	Width x Height	RAL colour

Types: RSP - grille for supply and exhaust air
RSV - grille for exhaust air

RAL colour: if other than standard colour (RAL 9003, white).

Example: RSP 500x150

Accessories:

SKRM - plenum box
MRO - regulating part

Installation

Usually installed on the wall, sometimes on the ceiling. When attached to the end of rectangular duct, a RSK mounting frame should be used. A take-off is recommended when attached to the side of a duct.

N.B. Always use screws in ceiling installation.

RPS/RPV General grilles

- Grilles for supply and exhaust air for walls and ceilings
- Horizontal or 15° angle bars
- Removable bars for easy access for cleaning
- Can be installed in a string



Grilles for installation on the wall or ceiling for supply or exhaust air. Always use screws in ceiling installation. Horizontal supply air in wall installation and vertical supply air for ceiling installation.

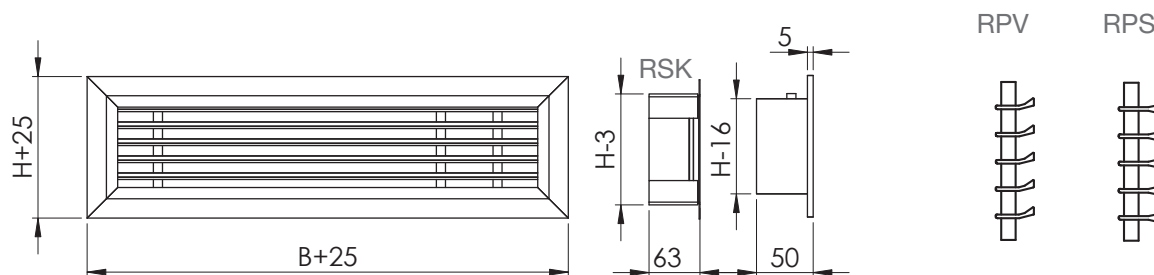
Structure and dimensions

Manufactured of aluminum profiles. Bars are horizontal or 15° angled. Good torsional stiffness because of welded frame and back supports.

Standard colour white (RAL 9003). Other RAL colours available.

Mounting frame manufactured of galvanized steel.

Grille length freely choosable. For lengths greater than 1500 mm, grilles are manufactured in modules and installed in string.

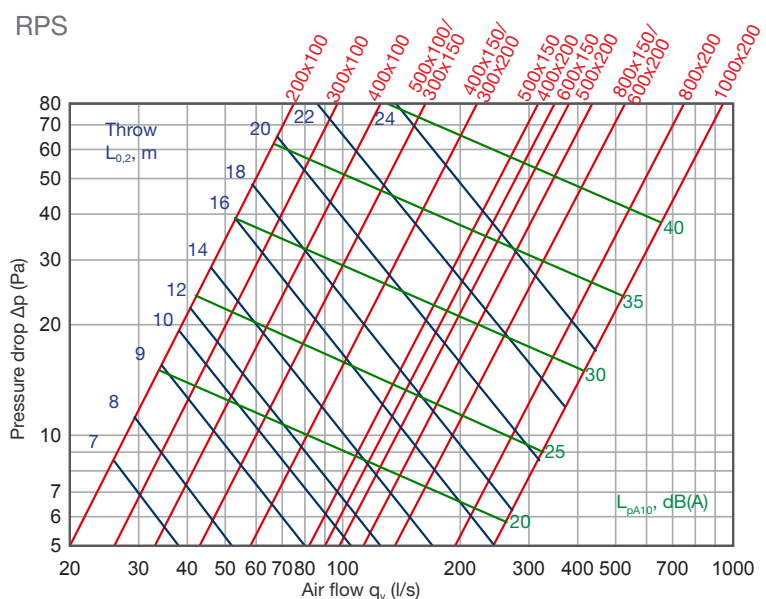


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Technical data

Supply air

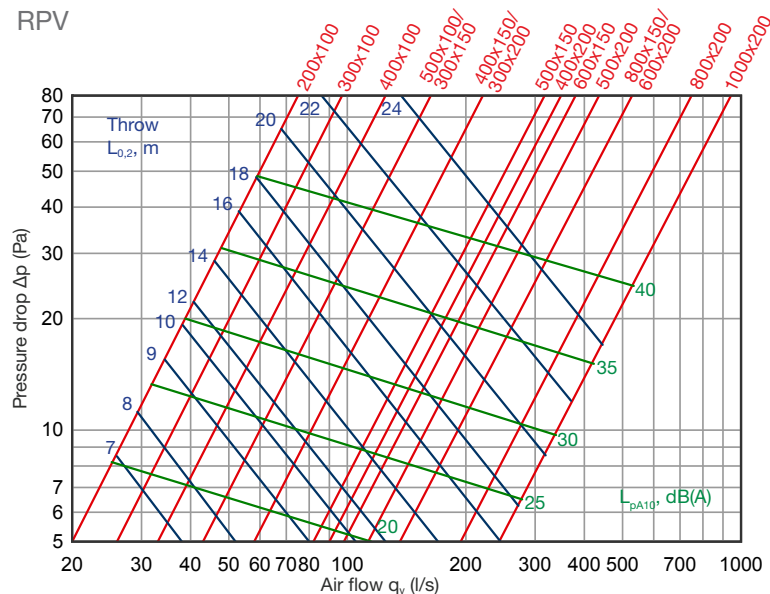
Recommended minimum temperature
 $\Delta t = -5^\circ\text{C}$



Exhaust air

Add: noise level 5 dB(A),
pressure loss 1,2 x.

RPV



Throw

Product codes

RPS	B x H	RAL 9003
Product	Width x Height	RAL colour

Example: RPS 500x150

Types:

RPS – grille for supply and exhaust air, horizontal air jet dispersal

RPV – grille for supply and exhaust air, horizontal air jet dispersal with vertical angle 15°

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RAL colour: if other than standard colour (RAL 9003, white).

Accessories:

RSK - mounting frame

SKRM - plenum box

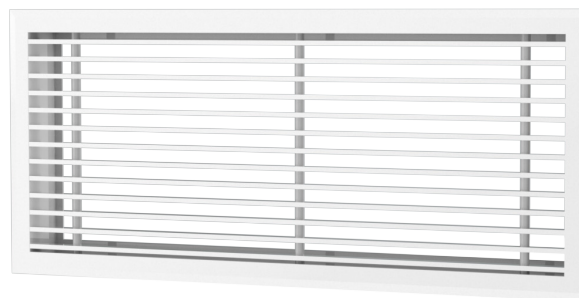
Installation

Attach to rectangular duct with mounting frame. Installation to round duct with SKRM plenum box. Wall installation: recommended minimum distance to ceiling 200 mm.

Cleaning: Remove grille from frame carefully, with a screwdriver if needed. Clean parts with a damp cloth. Replace grille.

RPSL/RPVL Floor grille

- Grilles for supply and exhaust air for floor or window-sill
- Vertical or 15° angled fixed blades
- Removable grille for easy access for cleaning
- Can be installed in a string



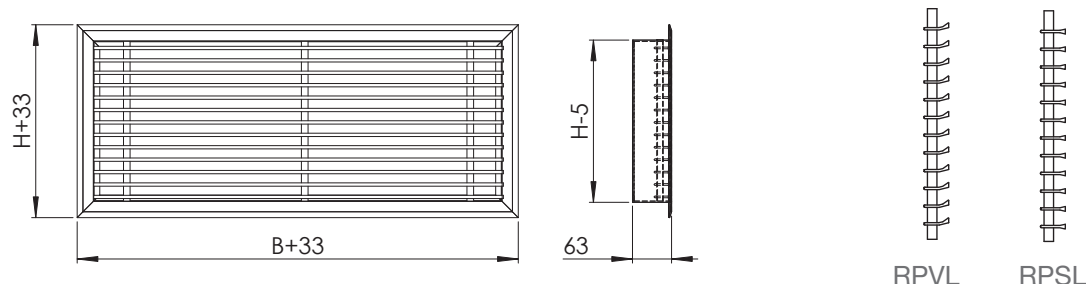
Structure and dimensions

Manufactured of aluminum profile. Bars are horizontal or 15° angled. Good torsional stiffness because of welded frame and back supports.

Standard colour white (RAL 9003). Other RAL colours available.

Mounting frame manufactured of galvanized steel.

Length freely choosable. For lengths greater than 1500 mm, grilles are manufactured in modules and installed in string.

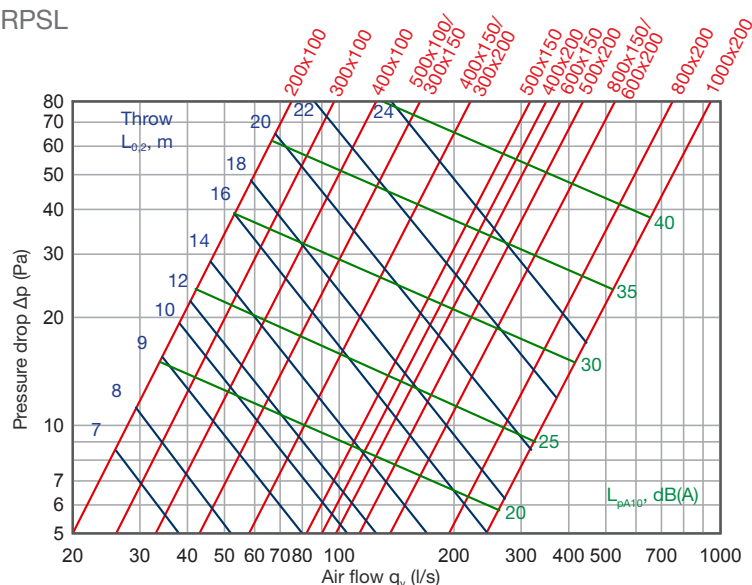


Technical data

Supply air

Recommended minimum temperature
 $\Delta t = -5^\circ\text{C}$

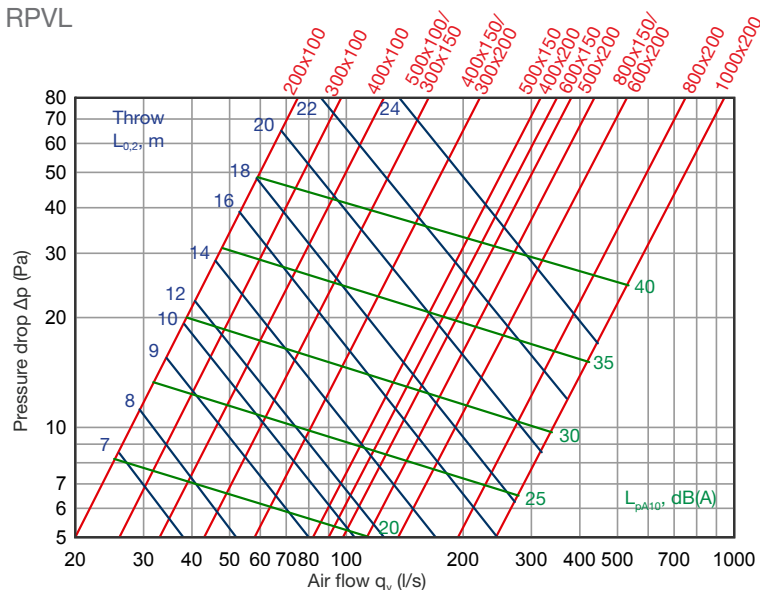
RPSL



Exhaust air

Add: noise level 5 dB(A),
pressure loss 1,2x.

RPVL



Product codes

RPSL	B x H	RAL 9003
Product	Width x Height	RAL colour

Types:

RPSL – grille for supply and exhaust air

RPVL – floor grille for supply and exhaust air 15° angled

RAL colour: if other than standard colour (RAL 9003, white).

Example: RPSL 500x150

Accessories:

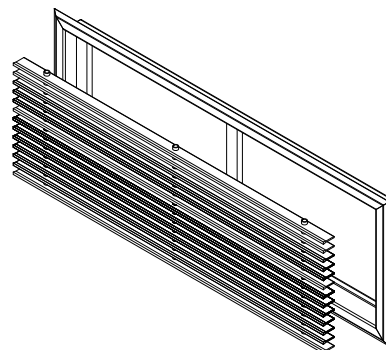
SKRM - plenum box

Installation and maintenance

Installation to floor or window-sill with mounting frame or plenum box. Grille is attached to rectangular duct with mounting frame. Remove grille first from frame. Then install the frame into floor with screws, and finally attach the grille to the frame. .

Cleaning: Remove grille from frame carefully, with a screwdriver if needed. Clean parts with a damp cloth. Replace grille.

N.B. RPSL and RPVL are not suitable for wall or ceiling installation.



RSO Transfer air grille

- Adjustable according to wall or door thickness
- Very small pressure loss
- Prevents visual contact between rooms

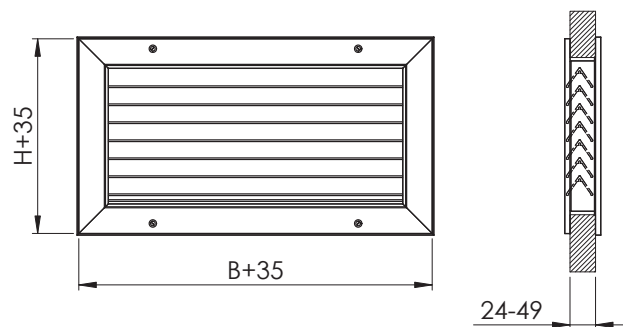


Grille for transfer air between rooms. Installed in door or wall. Installation thickness for grille and frame is 25-50 mm. If wall or door thickness exceeds 50 mm, two grilles can be used without mounting frame. Airflow through the grille is caused by pressure difference between rooms.

Structure and dimensions

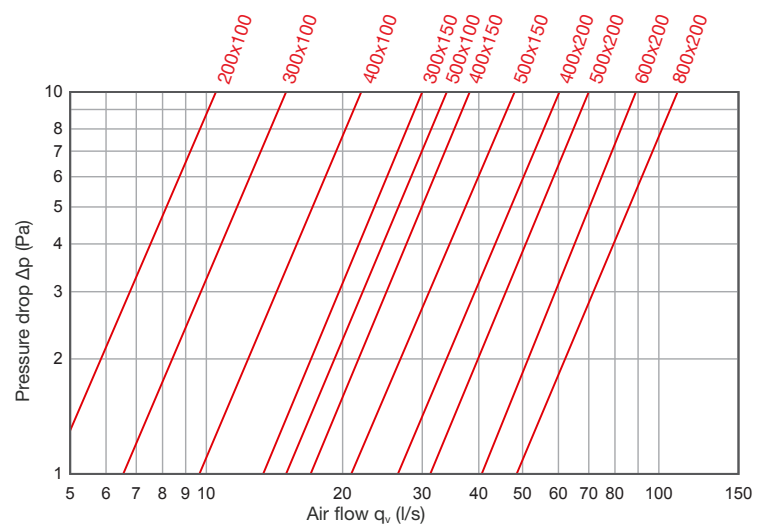
Manufactured of aluminum profiles. Bars are V-shaped. Measures to fit cutting measures in wall or door (BxH). Standard colour white (RAL 9003). Other RAL colours available.

Nominal size BxH
200x100
300x100
400x100
500x100
300x150
400x150
500x150
600x150
400x200
500x200
600x200
800x200



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Technical data



NORDgrille | RSO

Product codes

RSO	B x H	RAL 9003
Product	Width x Height	RAL colour

Example: RSO 500x200

RAL colour: if other than standard colour (RAL 9003, white).

Installation

The grille is installed to the visually more important side of the wall or door, and the mounting frame on the other side. Final attachment with screws.

For structural width exceeding 50 mm, two grilles are used without mounting frame. A rectangular duct can be installed between the two grilles.

RSL Sound attenuating transfer grille

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

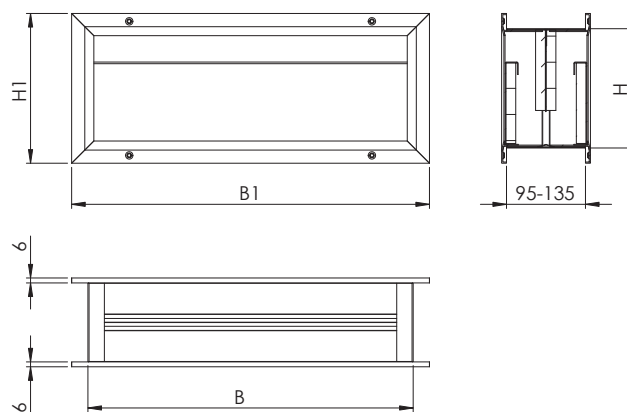
Grille for transfer air between rooms.
Installing thickness 95-125 mm. Airflow through the grille is caused by pressure difference between rooms. The grille includes sound absorbing plates to attenuate sound between rooms and absorb airflow noise. Usually installed in wall above a door.



Structure and dimensions

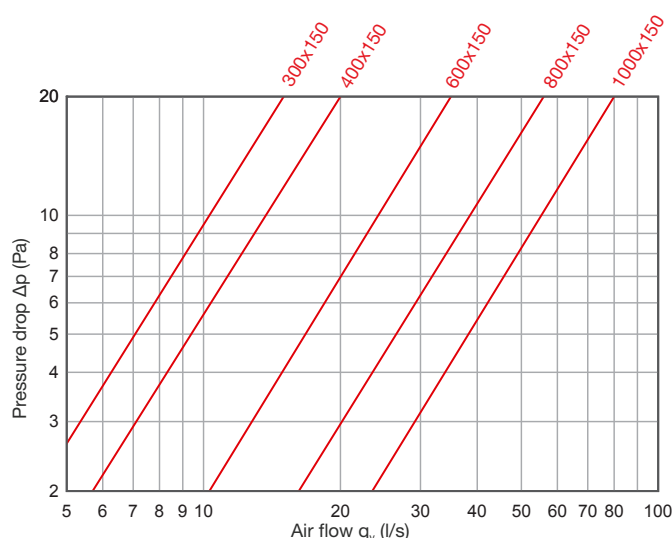
RSL air grille frame is manufactured of aluminum profiles and the absorbing panels are from aluminium steel sheet. Sound attenuation material is coated mineral wool. The grill have a white (RAL 9003) finish by standard, but are also available in any other RAL colours.

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 codes

RSL	B x H	RAL 9003
Product	Nominal size	RAL colour

Example: RSL 600

RAL colour: if other than standard colour (RAL 9003, white).

RSM Sound attenuating transfer grille

Grille for transfer air between rooms. The depth of the grille is adjustable from 80 to 145 mm, therefore it is suitable for installation in different wall thicknesses.

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

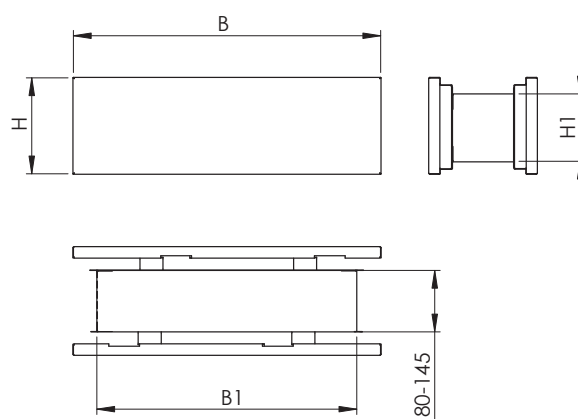


Airflow through the grille is caused by pressure difference between rooms. The grille includes sound absorbing plates to attenuate sound between rooms and absorb air flow noise.

Structure and dimensions

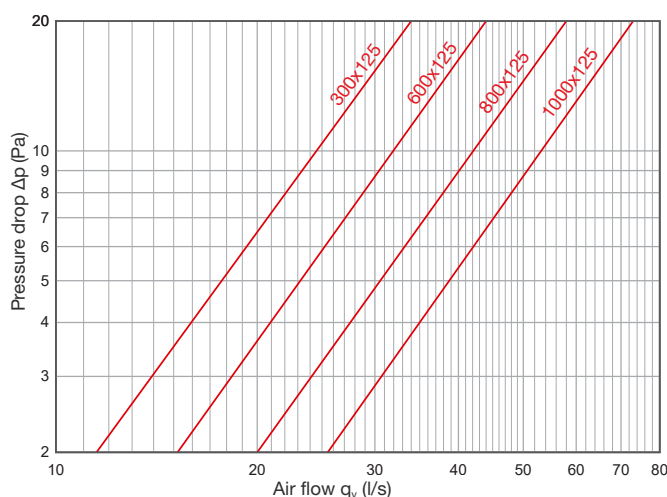
Transfer air grille RSM is manufactured from galvanized steel. The front panels have a white (RAL 9003) finish by standard, but are also available in any other RAL colours.

Nominal size BxH mm	B1 x H1	Cutting dimensions
300x125	240x89	250x100
600x125	540x89	550x100
800x125	740x89	750x100
1000x125	940x89	950x100



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

Nominal size	Mid-frequency of octave band (Hz)							
	63	125	250	500	1000	2000	4000	8000
RSM 300x125	0	21	20	20	24	38	39	0
RSM 600x125	0	17	17	19	23	36	37	0
RSM 800x125	0	15	15	18	23	33	35	0
RSM 1000x125	0	13	14	16	22	31	34	0

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NORDgrille | RSM

Product codes

RSM	B x H	RAL 9003
Product	Nominal size	RAL colour

Example: RSM 600

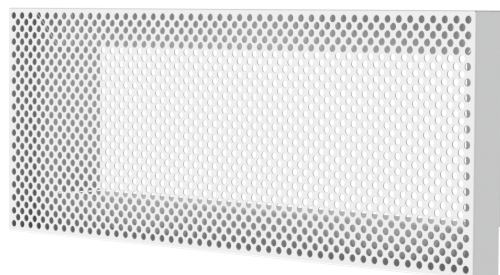
RAL colour: if other than standard colour (RAL 9003, white).

RSI Exhaust air grille

Grille for exhaust air with perforated front cover.

- Low sound power level
- Easy to clean

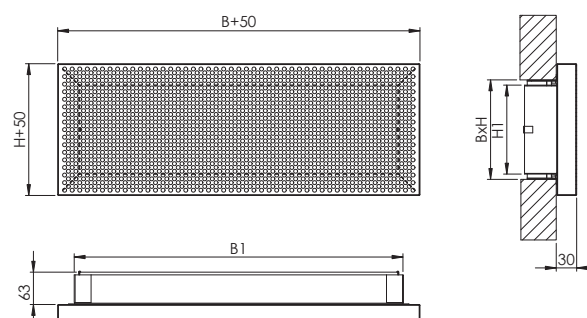
Grille for exhaust for inside installation in offices, schools, hospitals etc.



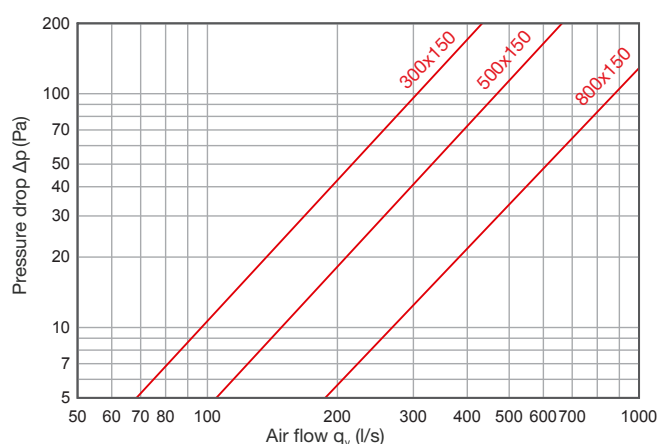
Structure and dimensions

Manufactured of galvanized steel.
Standard colour white (RAL 9003). Other RAL colours available.

Nominal size mm	B1	H1	Weight, kg
300x150	295	145	1,2
500x150	495	145	1,7
800x150	795	145	2,6



Technical data



Product codes

RSI	B x H	RAL 9003
Product	Width x Height	RAL colour

Example: RSI 300x150

RAL colour: if other than standard colour (RAL 9003, white).

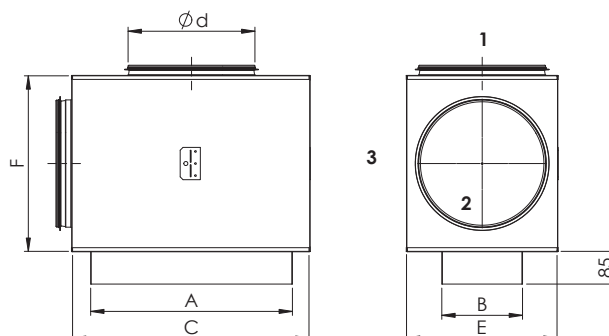
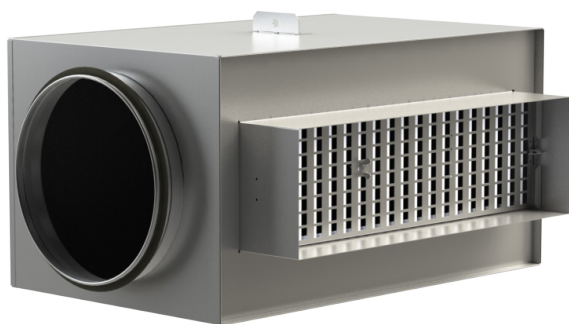
Accessories:

SKR – plenum box for round duct connection.

Installation

Usually installed in wall using a mounting frame. Can also be installed in rectangular duct using a reducer or SKR plenum box .

SKRM Plenum box



Used in combination with grilles for supply or exhaust air to reduce pressure difference, maintain even air flow to room and absorb sound.

Material and dimensions

Manufactured of galvanized steel and equipped with a round duct connection with rubber gasket. Sound absorbtion material glass wool covered with fiber-glass blanket.

Measurements	Ød	A	B	C	E	F
SKRM 200x100	125	200	100	290	185	245
SKRM 300x100	160	300	100	390	220	280
SKRM 400x100	160	400	100	490	220	280
SKRM 500x100	200	500	100	590	260	280
SKRM 200x150	160	200	150	290	220	280
SKRM 300x150	200	300	150	390	260	320
SKRM 400x150	250	400	150	490	310	370
SKRM 500x150	250	500	150	590	310	370
SKRM 600x150	250	600	150	690	310	370
SKRM 300x200	250	300	200	390	310	370
SKRM 400x200	250	400	200	490	310	370
SKRM 500x200	315	500	200	590	375	435
SKRM 600x200	315	600	200	690	375	435
SKRM 800x200	315	800	200	890	375	435
SKRM 600x300	315	600	300	690	475	435
SKRM 800x300	315	800	300	890	475	435
SKRM 800x400	315	800	500	890	575	435
SKRM 1000x200	315	1000	200	1090	375	435

More info about the technical data see RSP/RSV general grille product sheet.

Product codes

SKRM

Product

AxB

Width x Height

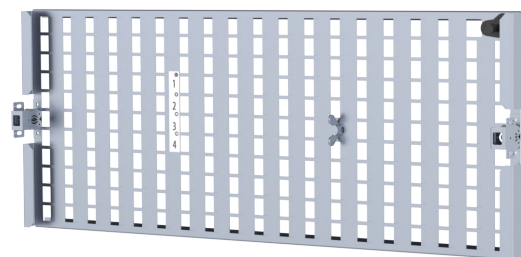
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1- Duct connection rear
2- Duct connection side
3- Duct connection top

Example: SKRM 400x100-1

MRO Regulating part

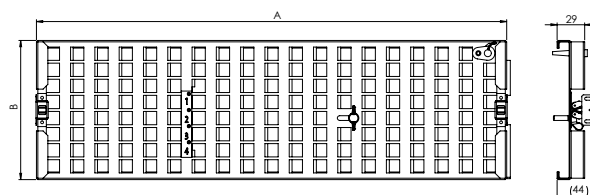
MRO rectangular regulating part for exact measuring and adjusting of air volumes. The MRO is intended to be installed with rectangular saddle directly onto the duct.



Structure and dimensions

MRO regulating part is manufactured of galvanized steel sheet.

MRO is provided with mounting brackets which are removed from the part by pulling them out and then fixed separately to the inside of the rectangular saddle.



Measurements	A	B
200x100	197	97
200x150	197	147
300x100	297	97
300x150	297	147
300x200	297	197
400x100	397	97
400x150	397	147
400x200	397	197
500x150	497	147
500x200	497	197
600x150	597	147
600x200	597	197
600x300	597	297
800x150	797	147
800x200	797	197
1000x200	997	197

More info about the technical data see RSP/RSV general grille product sheet.

Product code

MRO

Product

AxB

Width x Height

Example: MRO 400x100



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