EVA (RAL9016)

- Air valves
- Steel
- White, RAL 9016
- Extraction

Steel exhaust valves type EVA (RAL9016)

Air extraction valves with adjustable core

Brand
- Cairox

Application
- For air extraction in ventilation systems
- Suitable for small spaces such as toilets, storage room, bathroom, etc.

Material
- Steel

Colour
- Standard colour white, RAL 9016

Composition
- Pressed steel body with adjustable core, supplied with galvanized steel mounting frame

Mounting
- Fixing by clips in the mounting frame
- Can also be used for direct mounting into round duct (with or without mountingframe)

Accessories
- Mounting ring **TR** for clamping the mounting frame on tile ceiling plates

Order example
- **EVA, 125**

Explanation
EVA = Type valve (incl. mountingframe)
125 = Connection diameter

Text for tender
- The air extraction valves shall be of the high pressure loss type with adjustable core and made of steel. They shall be supplied with mounting frame
- White finish RAL 9016
- **Cairox** type **EVA**

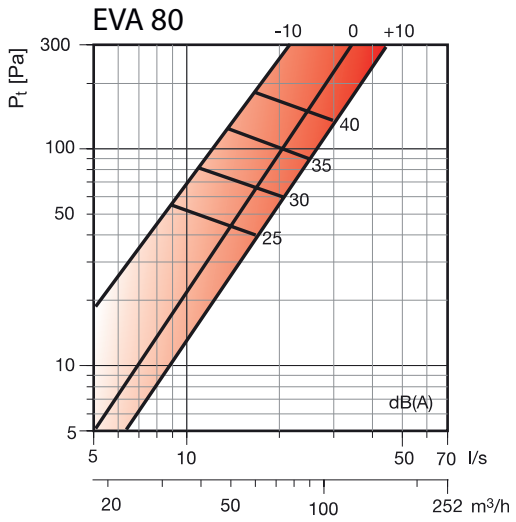
Quick selection																
	EVA	80			100			125			150/160			200		
Q	r	-10	0	+10	-20	0	+20	-20	0	+10	-15	0	+10	-10	0	+10
25	Ps	30	10	6	60	<10		50								
	Lw(A)	21	9	<10	26	<10		<10								
50	Ps		40	25		15		175	10							
	Lw(A)		29	21		14		33	<10							
75	Ps			60		35	18		25	8	30	9				
	Lw(A)			34		26	18		16	<5	17	<10				
100	Ps					62	30		40	15	55	17				
	Lw(A)					28	25		24	10	24	11				
125	Ps					100	50		60	20		25	11	80		
	Lw(A)					39	31		29	15		19	9	31		
150	Ps						100		100	30		40	15	130		
	Lw(A)						41		37	20		24	14	39		
200	Ps									60		70	30		50	
	Lw(A)									30		31	24		29	
250	Ps												40		70	20
	Lw(A)												29		34	29
300	Ps												70		100	30
	Lw(A)												34		41	34
400	Ps															60
	Lw(A)															44

Symbols and specifications

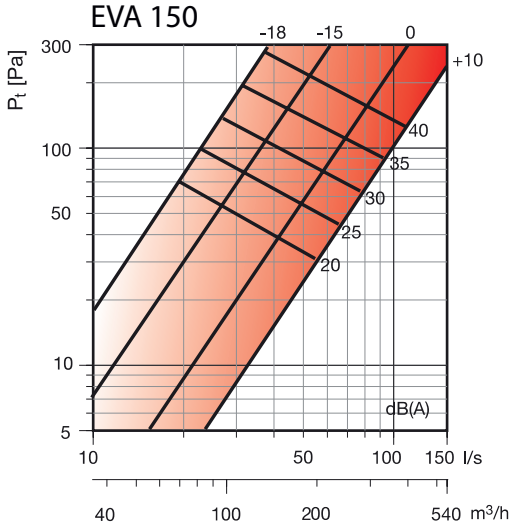
- Q = Air volume in m³/h
- Ps = Static pressure loss in Pa
- Lw(A) = Acoustic power in dB(A), based upon measured Lp acoustic pressures increased by 4 dB(A) room attenuation
- r = -20 mm, 0, +20 mm = Distance between the face of the central cone and the valve border

Selection Graph

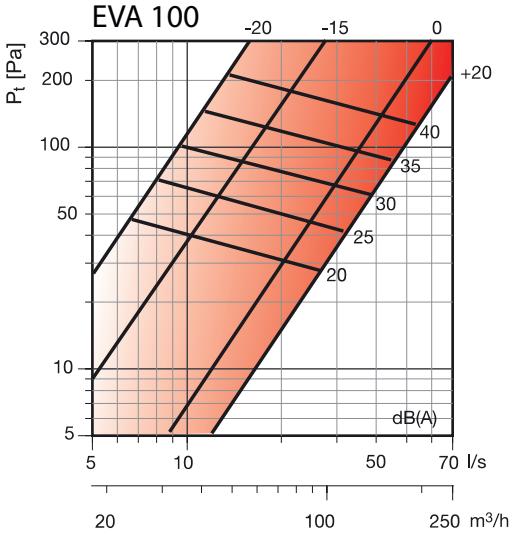
EVA 80



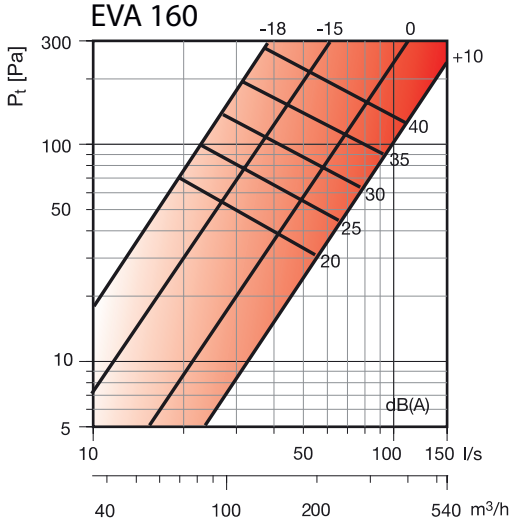
EVA 150



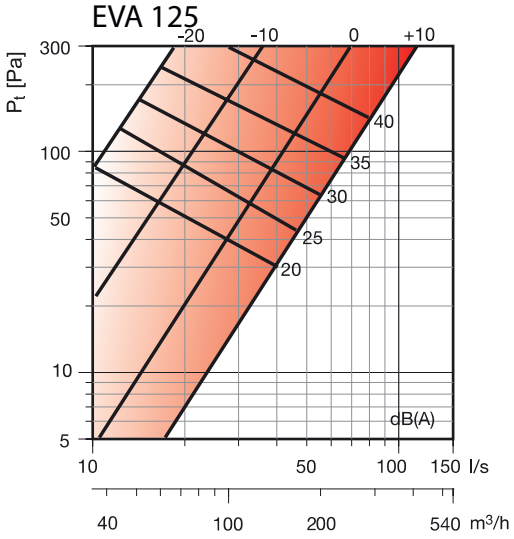
EVA 100



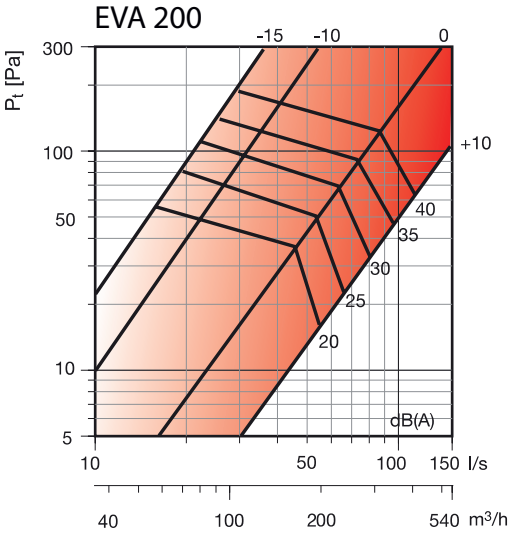
EVA 160



EVA 125

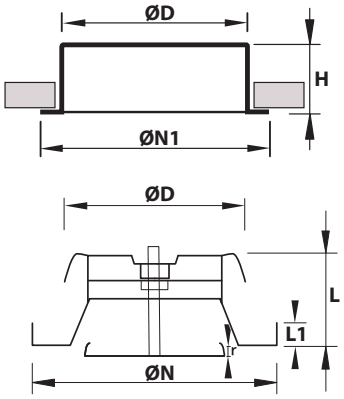


EVA 200



Symbols

- Qv = Air volume in m³/h and l/s
- Pt = Total pressure loss in Pa
- Lp = Acoustic pressure in dB(A
- r = Gap between the central core and the valve body



Dimensions						
	ØD [mm]	ØN [mm]	ØN1 [mm]	H [mm]	L [mm]	L1 [mm]
EVA 80	80	106	96	50	60	15
EVA 100	100	135	125	50	60	15
EVA 125	125	160	150	50	60	15
EVA 150	150	191	181	50	60	15
EVA 160	160	195	185	50	60	15
EVA 200	200	238	228	50	63	15