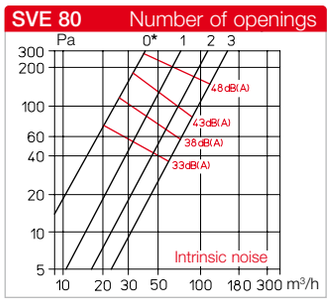
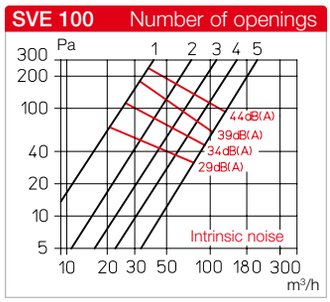
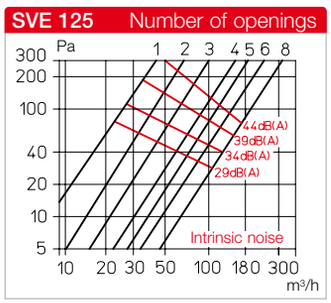
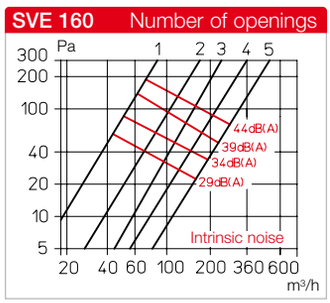
SVE

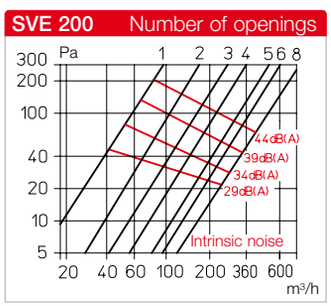


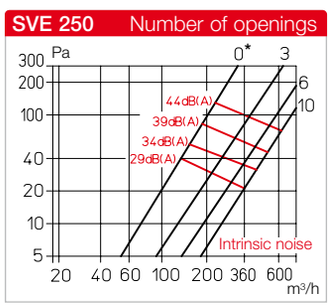


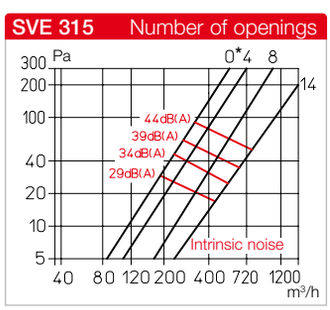












The innovative SVE elements solve two tasks cost-effectively:

- **Volume flow adjustment and optimised distribution in central ventilation system duct networks.**
- **Sound level reduction through the absorption of flow and fan noises. In order to increase sound level reduction, multiple elements can be connected in series. Two elements cause a doubling of the insertion loss.**

Performance data and insertion loss

The diagrams provide an overview of air volumes and resistances with corresponding numbers of openings. The red lines and dB(A) values document the intrinsic element noise (L_{WA}). The sound power values are available in the installation and operating instructions above the frequency and as total levels (intrinsic noise of SVE elements). The values in the table specify the insertion loss D_e above the frequency.

Material

- Flame-resistant and mould-resistant foam.
- Meets the requirements of emission class M1.
- No noxious fume and toxic gas release in case of fire.
- Meets fire class B2 according to DIN 4102-1 and fire class D according to DIN EN 13501-1.
- Applicable from -40 to +110 °C.

Advantages

- Cost-effective solution for preventing noise transmission to ventilation ducts or pipes.
- Simple installation through insertion into the duct system.
- Simple adjustment thanks to pre-punched openings.
- Minimisation of system construction costs through the use of cost-effective duct systems.
- Can be used with disc valves of any kind.
- Easy to clean with vacuum cleaner.

Delivery

Each element separately in polybag.

Installation

Insert SVE into the duct and prefix the disc valve or extract air element as a wall closure. Set the desired volume flow pursuant to the diagrams above by removing the elliptical cut-outs.

Order data						Insertion loss D_e dB at Hz						
Type	Ref. no.	for NW (mm)	Thick. in mm	Weight in g	Openings	125	250	500	1000	2000	4000	8000
SVE 80	08309	80	50	46	0*	9.0	5.0	11.5	14.5	18.0	20.0	24.0
					1	4.5	3.5	7.5	11.5	10.5	17.5	21.0
					3	4.5	2.5	5.0	8.0	9.5	13.0	15,
SVE 100	08310	100	50	70	1	7.0	4.0	9.5	12.5	16.0	17.5	22.0
					3	3.5	2.5	5.5	8.5	8.5	14.5	19.0
					5	2.5	1.5	3.5	6.0	6.5	12.0	16,
SVE 125	08311	125	50	90	2	6.0	5.0	5.0	12.0	12.5	19.0	21.0
					5	2.0	2.5	3.0	8.5	8.0	13.5	19.0
					8	1.5	1.5	2.5	6.0	5.0	11.0	17.5
SVE 160	08312	160	50	160	1	7.0	4.0	9.5	12.5	16.0	17.5	22.0
					3	3.5	2.5	5.5	8.5	8.5	14.5	19.5
					5	2.5	1.5	3.5	6.0	6.0	12.0	16.5
SVE 200	08313	200	50	180	2	6.5	2.5	5.5	13.0	14.0	18.0	15.5
					5	3.0	1.5	2.5	9.5	8.5	14.0	14.5
					8	2.0	1.0	1.5	7.0	7.0	13.0	13.5
SVE 250	08314	250	75	400	0*	4.0	3.0	7.0	13.0	18.0	18.0	17.0
					5	2.0	2.0	5.0	9.0	13.0	15.0	15.0
					10	2.0	1.0	3.0	7.0	11.0	14.0	13,
SVE 315	08315	315	75	640	0*	5.0	3.0	6.0	12.0	15.0	16.0	18.0
					8	3.0	2.0	3.0	8.0	12.0	13.0	15.0
					14	1.0	1.0	2.0	7.0	8.0	10.0	13.0

* Minimum volume flow ensured by side recesses.