

**SVA (RAL9016)**

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



## Steel supply valves type SVA (RAL9016)

Air supply valve with adjustable core

### Brand

- Cairox

### Application

- For air supply in ventilation systems

### 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 ducts (with or without mounting frame)

### Accessories

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

### Order example

- **SVA, 125**

Explanation

**SVA** = Type valve (incl. mounting frame)

**125** = Connection diameter

**Text for tender**

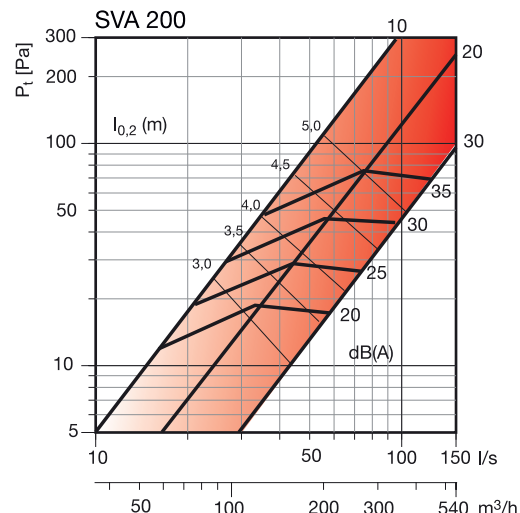
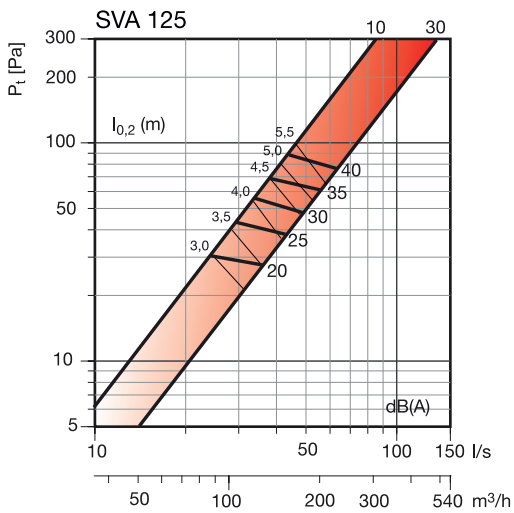
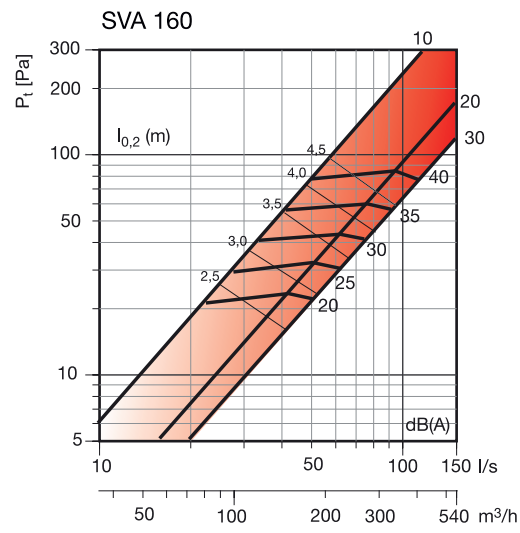
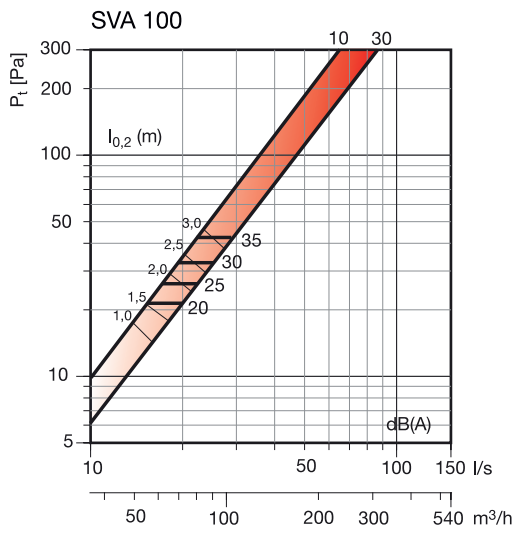
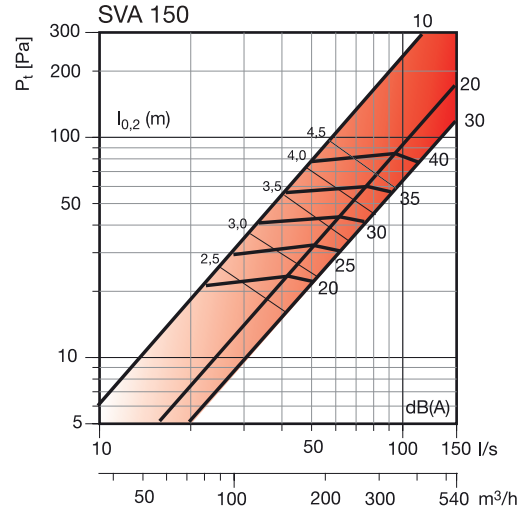
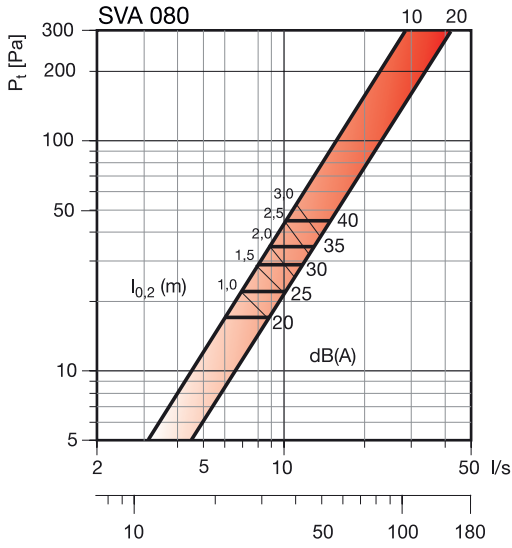
- The air supply valves shall be of the high pressure loss type with adjustable core and made of steel. They shall be supplied with mounting frame
- White finish RAL 9016
- Cairox type **SVA**

Quick selection																		
Q	SVA r [mm]	80		100			125		150			160		200				
		5	10	5	10	15	10	20	10	20	30	10	20	30	10	20	30	
25	X0,20	1.9	1.1															
	Ps	23	<5															
	Lw(A)	<20	<20															
30	X0,20	2.3	1.4	1														
	Ps	34	6	8														
	Lw(A)	29	21	21														
40	X0,20	3.2	2	1.6	1.3													
	Ps	57	19	31	7													
	Lw(A)	45	28	28	23													
50	X0,20			2.2	1.7	1.3	2											
	Ps			54	21	11	<5											
	Lw(A)			35	28	<20	<20											
70	X0,20			3.4	2.6	1.8	2.6	2	2.4			2.4						
	Ps			100	50	34	9	<5	<5			<5						
	Lw(A)			44	37	31	22	<20	20			<20						
100	X0,20					2.6	3.5	3	2.9	2.4		2.9	2.1		2.8			
	Ps					68	31	10	24	<5		23	<5		<5			
	Lw(A)					57	31	23	29	<20		29	<20		<20			
150	X0,20							4.9	4.7	3.6	2.9	2.6	3.6	2.7	2.5	3.4	2.2	
	Ps							68	31	58	9	<5	57	6	<5	21	<5	
	Lw(A)							42	34	40	<20	<20	40	<20	<20	27	<20	
200	X0,20							6.3	4.3	3.4	3.1	4.3	3.3	3	4	2.9	2.4	
	Ps							52	93	25	18	92	24	16	47	<5	<5	
	Lw(A)							42	47	29	26	46	28	25	36	<20	<20	
250	X0,20									3.9	3.5		3.8	3.5	4.6	3.6	2.9	
	Ps									41	33		40	30	73	20	<5	
	Lw(A)									36	32		35	32	42	24	<20	
300	X0,20									4.4	4		4.4	4		4.3	3.4	
	Ps									62	47		61	45		35	13	
	Lw(A)									42	38		40	38		30	24	
400	X0,20															5.6	4.3	
	Ps															66	32	
	Lw(A)															39	32	
500	X0,20																5.3	
	Ps																50	
	Lw(A)																38	

**Symbols and specifications**

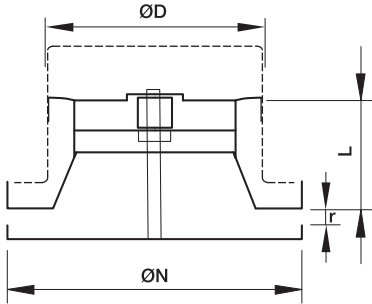
- Q = Air volume in m<sup>3</sup>/h
- Ps = Static pressure loss in Pa
- X0.20 = Horizontal throw at end velocity of 0.20 m/s in m
- Lw(A) = Acoustic power in dB(A), based upon measured Lp acoustic pressures increased by 4 dB(A) room attenuation
- r = 10 mm, 30 mm = Gap between the central core and the valve body

Selection Graph



**Symbols**

- $Q_v$  = Air volume in  $m^3/h$  and  $l/s$
- $P_t$  = Total pressure loss in Pa
- $l_{0.2}$  = Horizontal throw at end velocity of 0.20 m/s in m
- $L_p$  = Acoustic pressure in dB(A)
- $r = 10mm, 30mm$  = Gap between the central core and the valve body



	Dimensions		
	ØD [mm]	ØN [mm]	L [mm]
SVA 80	80	106	60
SVA 100	100	135	60
SVA 125	125	160	60
SVA 150	150	191	60
SVA 160	160	195	60
SVA 200	200	238	63