

**P-DVS  
(RAL9016)**

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



## Steel supply valves type P-DVS (RAL9016)

Steel air supply valves with adjustable core and 50 mm mounting frame

### Brand

- Cairox

### Application

- Wall or ceiling mounted valves used for air supply inside buildings.

### Material

- Steel

### Colour

- Standard colour white, RAL 9016

### Composition

- Pressed steel grille with adjustable core supplied with galvanized steel mounting frame

### Mounting

- Fixing in the mounting frame

### Accessories

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

### Order example

- **P-DVS, 100**

Explanation

**P-DVS** = Type valve (incl. mounting frame and clamping ring)

**100** = 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 P-DVS (RAL 9016)**

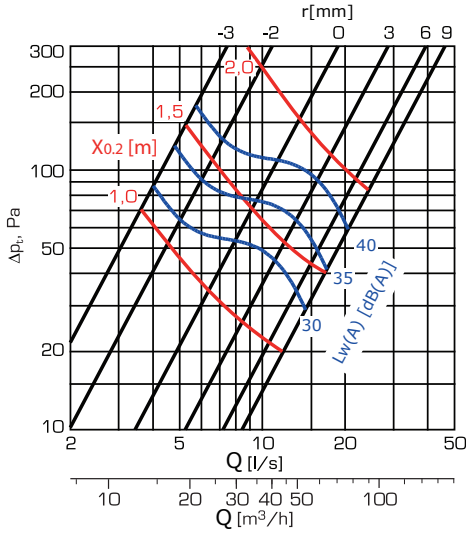
Quick selection																			
Q	Ø r	80			100			125			150			160			200		
		-3	0	9	-3	0	10	-7	0	15	-5	0	15	-10	0	15	-3	0	20
15	X0.2	1.2			<0,5														
	Ps	87			50														
	Lw(A)	30			28														
25	X0.2		1.1		0.6		0.5												
	Ps		38		26		17												
	Lw(A)		25		25		<20												
50	X0.2			1.2		1.1	1.6	0.9		2.5			5.1				2.6		
	Ps			28		13	68	18		28			110				42		
	Lw(A)			25		<20	33	<20		23			48				32		
100	X0.2					2.1		2.6	1.6		3.6			3.8			3.4		
	Ps					51		75	13		45			50			50		
	Lw(A)					37		36	<20		27			32			34		
200	X0.2								3.3			3.4			3.8				1.1
	Ps								50			29			38				12
	Lw(A)								38			28			33				<20
300	X0.2											4.9			5.2				3.2
	Ps											66			80				23
	Lw(A)											41			52				30
400	X0.2																		4.8
	Ps																		47
	Lw(A)																		38

### Symbols and specifications

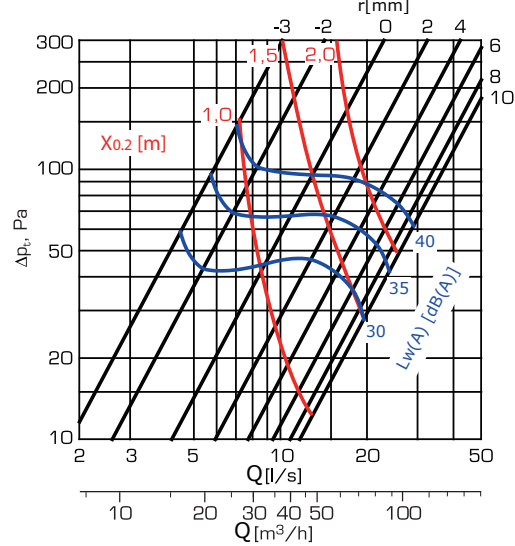
- Q = Air volume in m<sup>3</sup>/h
- X0.2 = Horizontal throw distance with an endvelocity vt of 0.2m/s given in m
- Ps = Static pressure loss in Pa
- Lw(A) = Acoustic power in dB(A), based upon measured Lp acoustic pressures increased by 4 dB(A) room attenuation
- r = Gap between the central core and the valve body

Selection Graph

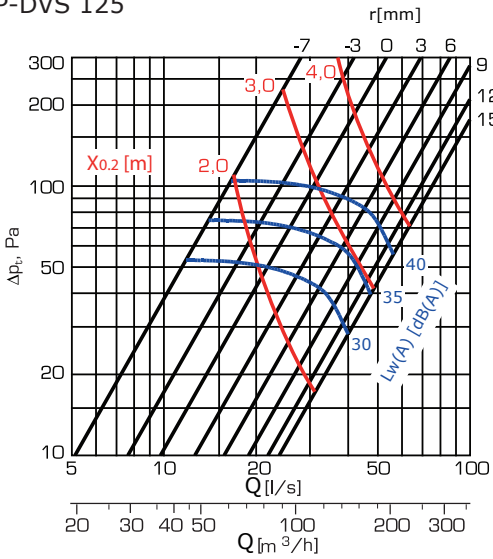
P-DVS 80



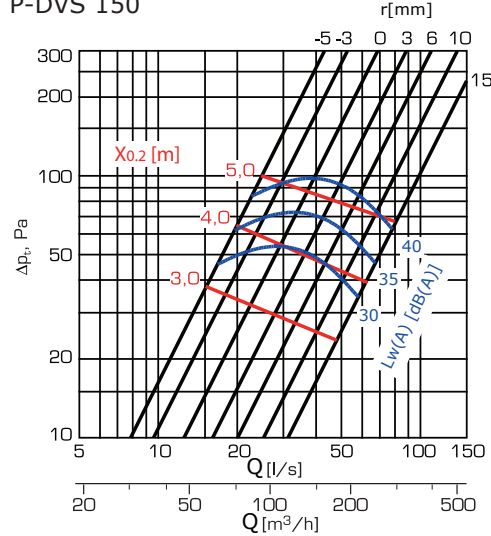
P-DVS 100



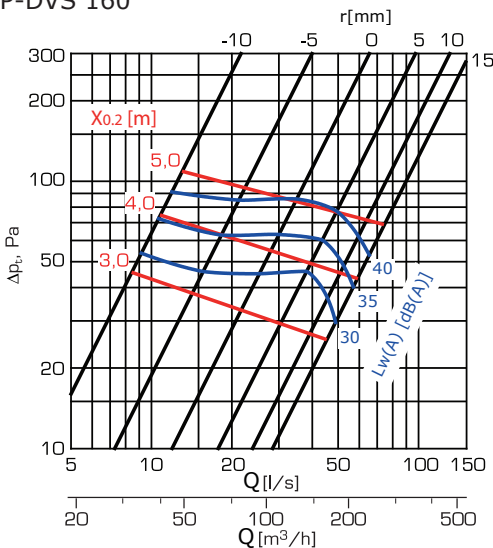
P-DVS 125



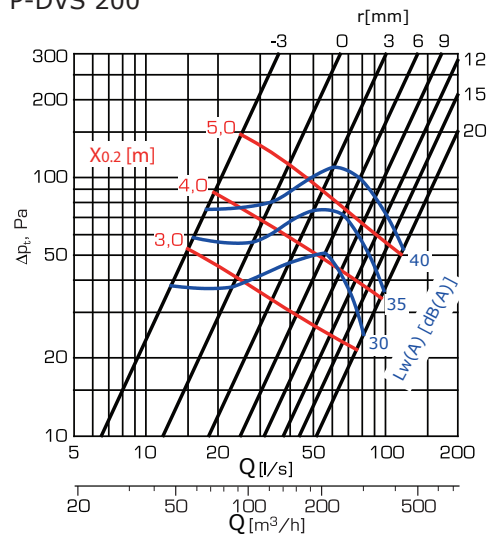
P-DVS 150



P-DVS 160

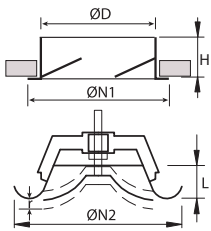
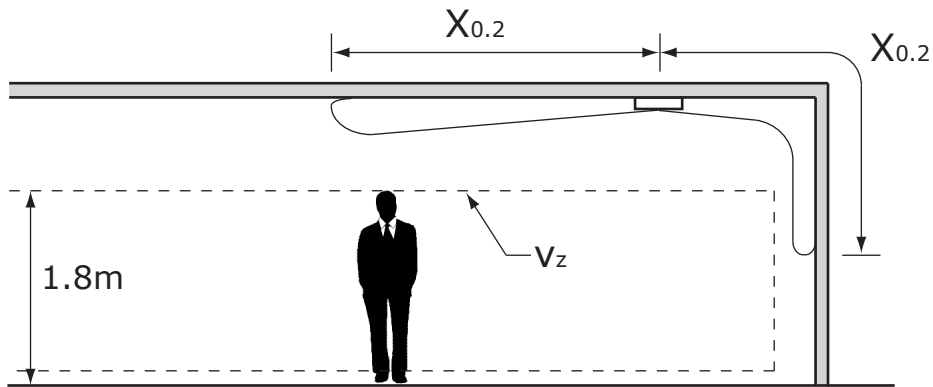


P-DVS 200



**Symbols**

- $Q$  = Air volume in l/s and m<sup>3</sup>/h
- $P_t$  = Total pressure loss in Pa
- $X_{0.2}$  = Horizontal throw at end velocity of 0.20 m/s in m
- $L_w(A)$  = Acoustic power in dB(A)
- $r$  = Gap between the central core and the valve body in mm

**Placement instruction**

	Dimensions				
	ØD [mm]	ØN1 [mm]	h [mm]	ØN2 [mm]	L [mm]
P-DVS 080	79	105	45	115	27
P-DVS 100	99	125	45	137	28
P-DVS 125	124	150	45	164	29
P-DVS 150	149	175	45	202	30
P-DVS 160	159	185	45	212	31
P-DVS 200	199	225	45	248	33