

Grilles & Diffusers (Apartments) - Technical Submittal (TSM)

Project: New Cross Residential, Bendix Street
Project No: MC1161
TSM No: D480-AME-XX-XX-TS-M-0017
Revision: PO1

Ameon Limited Unit 9-10 Olympic Court
Boardmans Way
Whitehills Business Park
Blackpool
FY4 5GU

Tel: 01253 760160
Fax: 01253 760150
Email: enquiries@ameon.co.uk



Grilles & Diffusers (Apartments) - Technical Submittal

Project	New Cross Residential, Bendix Street
Project No.	MC1161
Tech Submittal No.	D480-AME-XX-TS-M-0017
Revision	P01



Apartments:

Apt. Type	Qnt.	Ref.	Location	Manufacturer	Model	Description	Service	Colour	Neck (mm)	Overall (mm)	Volume (l/s)	Pressure Drop (Pa)	NR	
1-bed 1-1	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.2	<18	<35	
1-bed 1-1	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.9	<18	<35	
1-bed 1-1	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-1	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-1	1	EG/03	Bathroom	BY POD MANUFACTURER							8.0			
1-bed 1-2	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.5	<18	<35	
1-bed 1-2	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.9	<18	<35	
1-bed 1-2	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-2	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-2	1	EG/03	Bathroom	BY POD MANUFACTURER							8.0			
1-bed 1-3	5	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.2	<18	<35	
1-bed 1-3	5	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.8	<18	<35	
1-bed 1-3	5	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-3	5	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-3	5	EG/03	Bathroom	BY POD MANUFACTURER							8.0			
1-bed 1-4	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.1	<18	<35	
1-bed 1-4	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.1	<18	<35	
1-bed 1-4	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-4	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-4	1	EG/03	Bathroom	BY POD MANUFACTURER							8.0			
1-bed 1-5	18	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.9	<18	<35	
1-bed 1-5	18	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.6	<18	<35	
1-bed 1-5	18	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-5	18	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-5	18	EG/03	Bathroom	BY POD MANUFACTURER							8.0			
1-bed 1-6	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	12.2	<18	<35	
1-bed 1-6	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.5	<18	<35	
1-bed 1-6	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-6	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-6	1	EG/03	Bathroom	BY POD MANUFACTURER							8.0			



Apt. Type	Qnt.	Ref.	Location	Manufacturer	Model	Description	Service	Colour	Neck (mm)	Overall (mm)	Volume (l/s)	Pressure Drop (Pa)	NR	
1-bed 1-7	15	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.2	<18	<35	
1-bed 1-7	15	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.7	<18	<35	
1-bed 1-7	15	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-7	15	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-7	15	EG/03	Bathroom	BY POD MANUFACTURER								8.0		
1-bed 1-8	12	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	8.8	<18	<35	
1-bed 1-8	12	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.4	<18	<35	
1-bed 1-8	12	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-8	12	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-8	12	EG/03	Bathroom	BY POD MANUFACTURER								8.0		
1-bed 1-9	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	13.2	<18	<35	
1-bed 1-9	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4	<18	<35	
1-bed 1-9	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-9	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-9	1	EG/03	Bathroom	BY POD MANUFACTURER								8.0		
1-bed 1-10	1	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.8	<18	<35	
1-bed 1-10	1	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.5	<18	<35	
1-bed 1-10	1	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
1-bed 1-10	1	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
1-bed 1-10	1	EG/03	Bathroom	BY POD MANUFACTURER								8.0		
2-bed 2-1	2	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.2	<18	<35	
2-bed 2-1	2	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.0	<18	<35	
2-bed 2-1	2	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.2	<18	<35	
2-bed 2-1	2	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35	
2-bed 2-1	2	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35	
2-bed 2-1	2	EG/03	Bathroom 1	BY POD MANUFACTURER								8.0		
2-bed 2-1	2	EG/04	Bathroom 2	BY POD MANUFACTURER								8.0		

Apt. Type	Qnt.	Ref.	Location	Manufacturer	Model	Description	Service	Colour	Neck (mm)	Overall (mm)	Volume (l/s)	Pressure Drop (Pa)	NR
2-bed 2-2	11	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	13.0	<18	<35
2-bed 2-2	11	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.9	<18	<35
2-bed 2-2	11	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.8	<18	<35
2-bed 2-2	11	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-2	11	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-2	11	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-2	11	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-3	7	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	11.0	<18	<35
2-bed 2-3	7	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.3	<18	<35
2-bed 2-3	7	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.4	<18	<35
2-bed 2-3	7	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-3	7	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-3	7	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-3	7	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-4	9	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	9.6	<18	<35
2-bed 2-4	9	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.1	<18	<35
2-bed 2-4	9	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.9	<18	<35
2-bed 2-4	9	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-4	9	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-4	9	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-4	9	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-5	18	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.6	<18	<35
2-bed 2-5	18	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.6	<18	<35
2-bed 2-5	18	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.3	<18	<35
2-bed 2-5	18	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-5	18	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-5	18	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-5	18	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-6	4	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	12.4	<18	<35
2-bed 2-6	4	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	3.8	<18	<35
2-bed 2-6	4	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.5	<18	<35
2-bed 2-6	4	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-6	4	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-6	4	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-6	4	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		

Grilles & Diffusers (Apartments) - Technical Submittal

Project

Project No.

Tech Submittal No.

Revision

New Cross Residential, Bendix Street

MC1161

D480-AME-XX-XX-TS-M-0017

P01



Apartments:

Apt. Type	Qnt.	Ref.	Location	Manufacturer	Model	Description	Service	Colour	Neck (mm)	Overall (mm)	Volume (l/s)	Pressure Drop (Pa)	NR
2-bed 2-7	9	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	11.6	<18	<35
2-bed 2-7	9	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.5	<18	<35
2-bed 2-7	9	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.4	<18	<35
2-bed 2-7	9	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-7	9	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-7	9	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-7	9	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-10	9	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	13.5	<18	<35
2-bed 2-10	9	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.2	<18	<35
2-bed 2-10	9	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.5	<18	<35
2-bed 2-10	9	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-10	9	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-10	9	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-10	9	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-11	7	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.1	<18	<35
2-bed 2-11	7	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	6.4	<18	<35
2-bed 2-11	7	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.7	<18	<35
2-bed 2-11	7	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-11	7	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-11	7	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-11	7	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-12	7	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	10.1	<18	<35
2-bed 2-12	7	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.7	<18	<35
2-bed 2-12	7	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	6.4	<18	<35
2-bed 2-12	7	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-12	7	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-12	7	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-12	7	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
2-bed 2-13	12	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	13.3	<18	<35
2-bed 2-13	12	SG/02	Bedroom 1	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	4.2	<18	<35
2-bed 2-13	12	SG/03	Bedroom 2	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	5.4	<18	<35
2-bed 2-13	12	EG/01	Kitchen	SIG	DVS	Air Valve	Extract	RAL9010	124	150	13.0	<18	<35
2-bed 2-13	12	EG/02	Utility	SIG	DVS	Air Valve	Extract	RAL9010	124	150	8.0	<18	<35
2-bed 2-13	12	EG/03	Bathroom 1	BY POD MANUFACTURER							8.0		
2-bed 2-13	12	EG/04	Bathroom 2	BY POD MANUFACTURER							8.0		
3-bed 3-1	9	SG/01	Living	SIG	P-DVS	Air Valve	Supply	RAL9010	124	150	13.2	<18	<35

Grilles & Diffusers (Apartments) - Technical Submittal

Project	New Cross Residential, Bendix Street
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Tech Submittal No.	D480-AME-XX-XX-TS-M-0017
Revision	P01



Apartments:

[illegible]

CAIROX



Air valves

**P-DVS
(RAL9016)**

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

Accessories

- **TR**
Clamping rings for valve mounting frames

**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 **P-DVS** are 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. mountingframe and clamping ring)

100 = Connection diameter



Air valves

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	80			100			125			150			160			200		
	r	-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		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

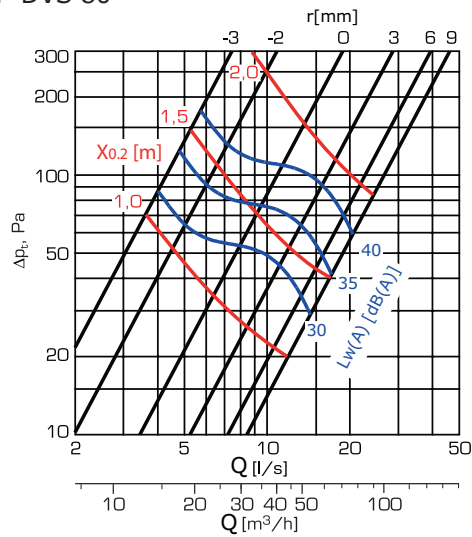
Q = Air volume in m³/h
X0.2 = Horizontal throw distance with an endvelocity vt of 0.2m/s given in m
Ps = Static pressure loss in Pa
Lw(A) = Acoustic power in dB(A), based upon measured Lp acoustic pressures increased by 4 dB(A) room attenuation
r = Gap between the central core and the valve body



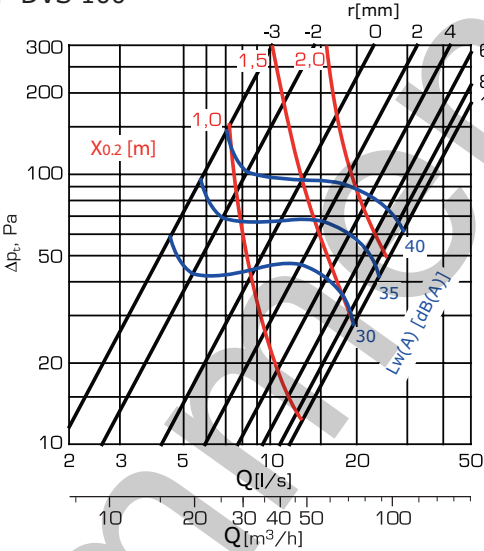
Air valves

Selection Graph

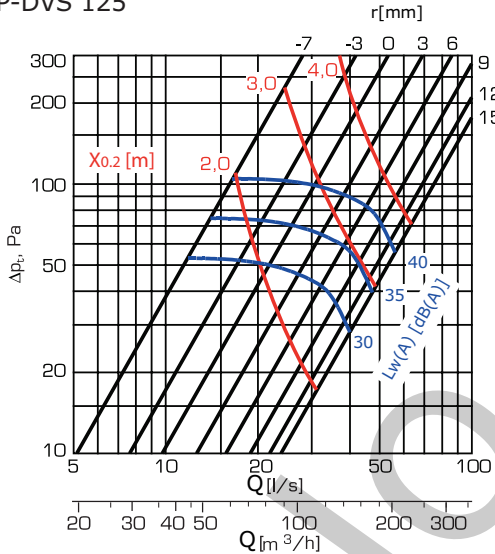
P-DVS 80



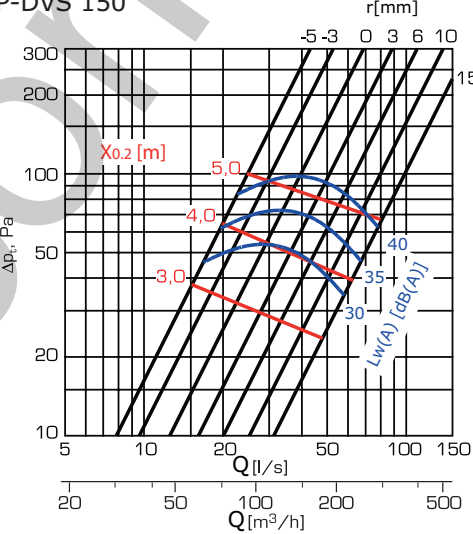
P-DVS 100



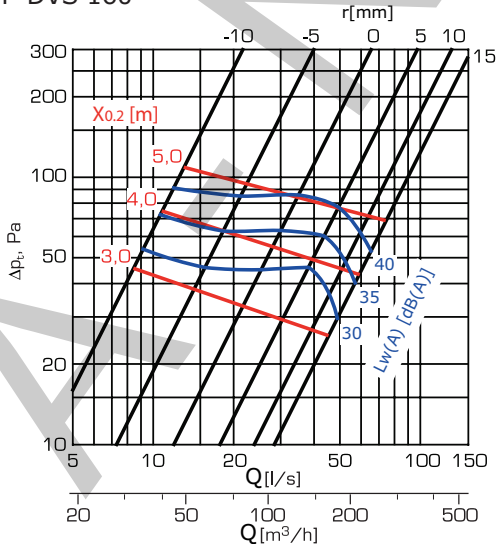
P-DVS 125



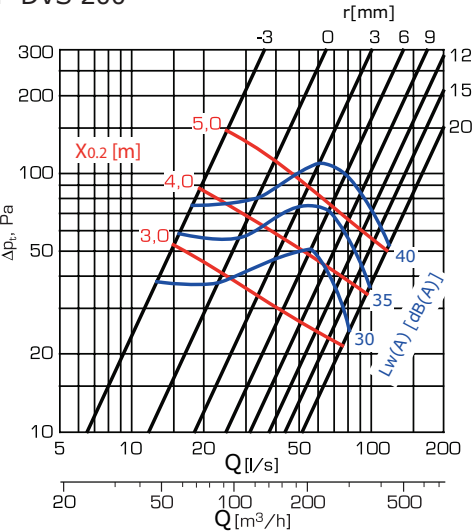
P-DVS 150



P-DVS 160



P-DVS 200



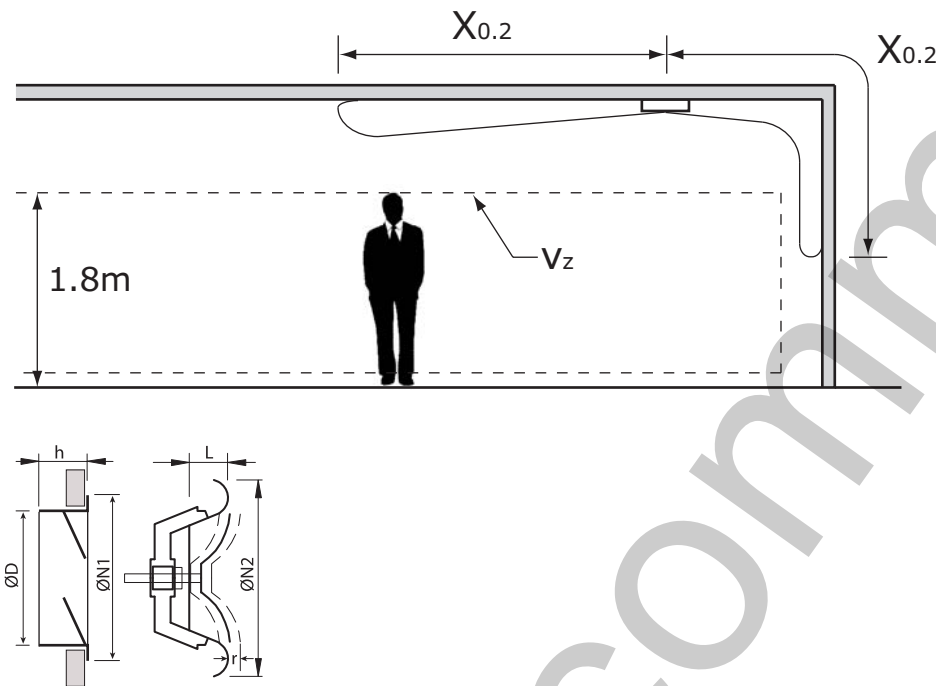


Air valves

Symbols

- Q = Air volume in l/s and m³/h
- Pt = Total pressure loss in Pa
- X0.2 = Horizontal throw at end velocity of 0.20 m/s in m
- Lw(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

Accessories



TR Clamping rings for valve mounting frames



Air valves

DVS (RAL9016)

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

Accessories

- **TR**
Clamping rings for valve mounting frames



Steel exhaust valves type DVS (RAL9016)

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

Brand
Cairox

Application
Wall or ceiling mounted valves **DVS** for air exhaust 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

Order example
DVS, 100
Explanation
DVS = Type valve (incl. mounting frame and clamping ring)
100 = Connection diameter

Text for tender
The air exhaust 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 DVS (RAL 9016)



Air valves

Quick selection

Q	Ø		80			100			125			150			160			200		
	r		-15	0	+12	-10	0	+10	-17	0	+9	-15	0	+10	-18	0	10	-25	0	+20
15	Ps		100			45			30											
	Lw(A)		32			<20			<20											
	Ps			10			12			79			13			33				
25	Lw(A)			<20			<20			24			<20			<20				
	Ps			45			42	12		12			60			150		38		
	Lw(A)			30			25	<20		<20			26			30		<20		
50	Ps				54			49		43	18		23			28			5	
	Lw(A)				35			29		25	<20		<20			<20			<20	
	Ps																			
100	Lw(A)																			
	Ps																			
	Lw(A)																			
200	Ps										68		110	42		120	45		29	
	Lw(A)										35		40	28		35	26		22	
	Ps																			
300	Lw(A)																			
	Ps													90			95		68	18
	Lw(A)													40			35		32	<20
400	Ps																			35
	Lw(A)																			28

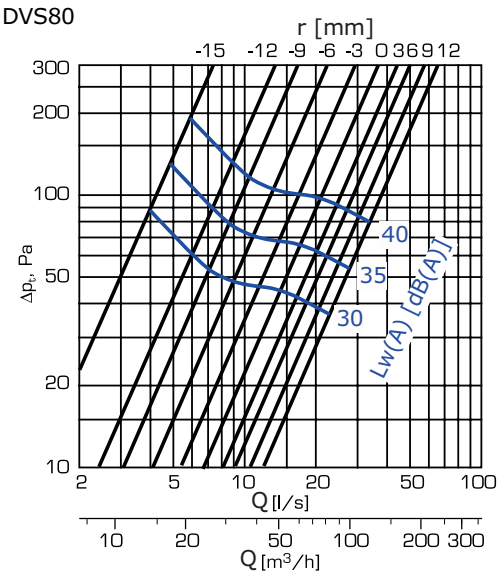
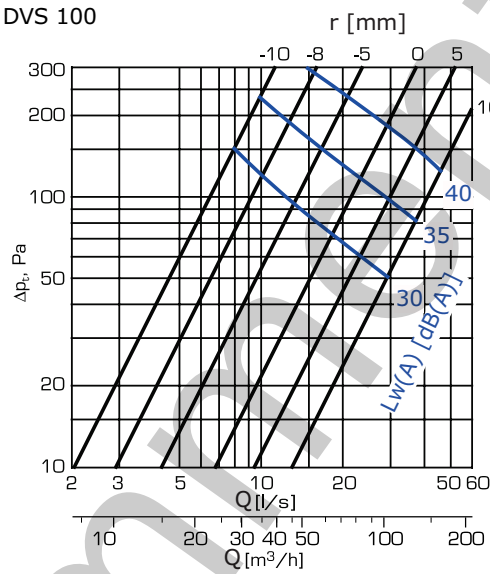
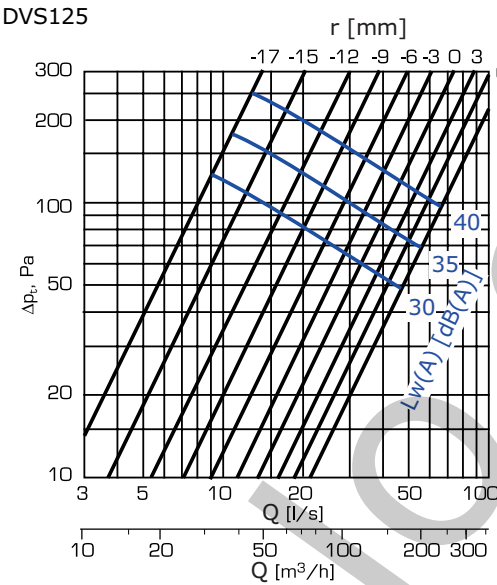
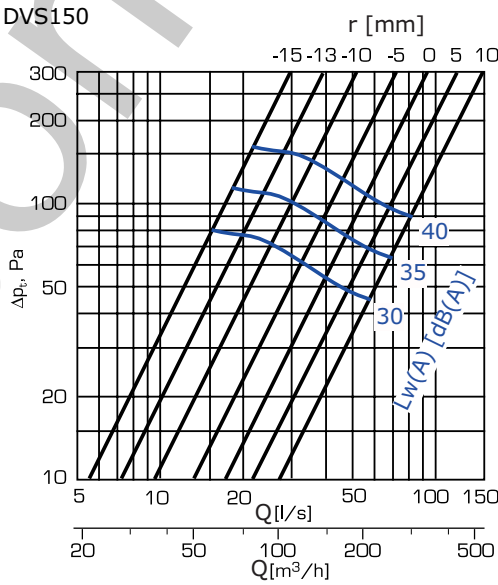
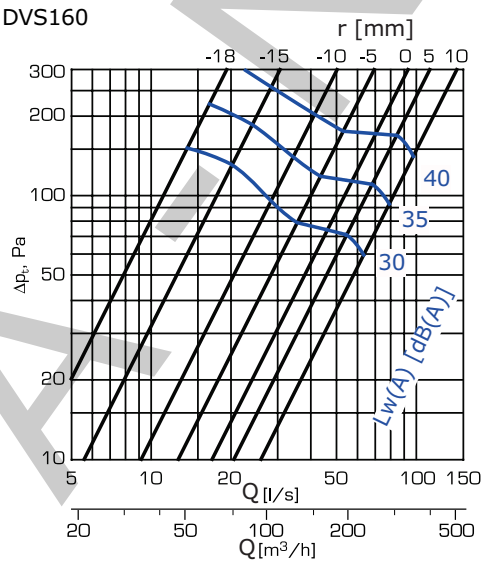
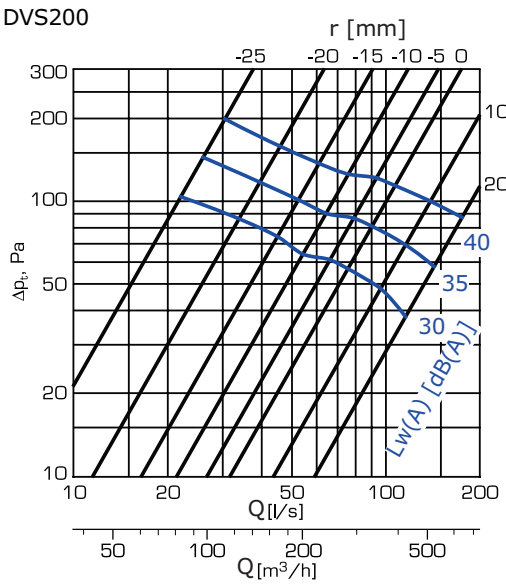
Symbols and specifications

- 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 = Gap between the central core and the valve body



Air valves

Selection Graph

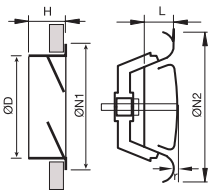




Air valves

Symbols

Q = Air volume in m³/h and l/s
Pt = Total pressure loss in Pa
Lw(A) = Acoustic power in dB(A)
r = Gap between the central core and the valve body



Dimensions

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

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