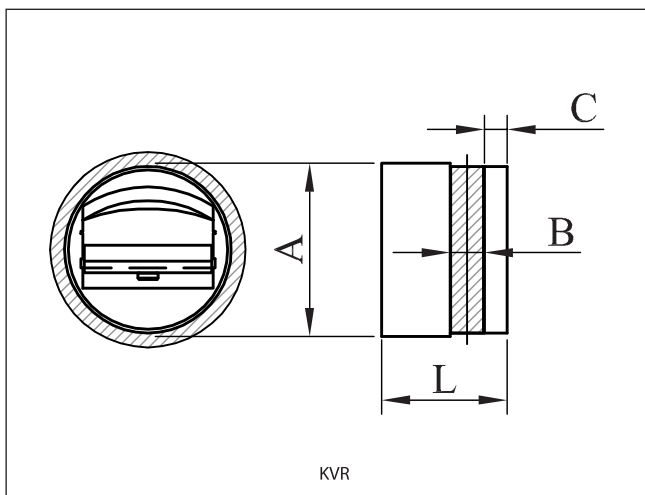
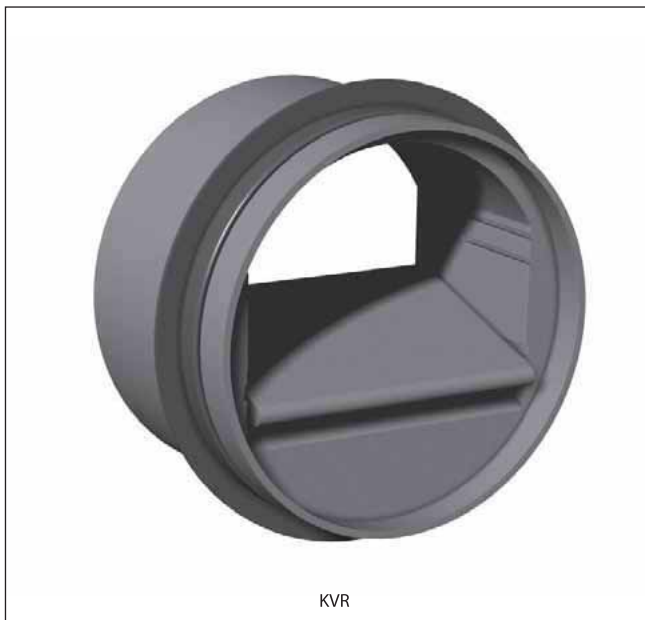


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Constant Volume Regulator



Dimensions KVR

Dia (mm)	A (mm)	L (mm)	B (mm)	C (mm)
80	78	90	15	13
100	95	90	15	13
125	119	90	15	13
160	154	120	15	18
200	194	120	15	18
250	244	120	15	18

KVR

Constant volume control damper made of PVC
The range consists of 6 sizes and 48 types and covers an air flow range from 15 up to 700 m³/h within a pressure range from 50 up to 200 Pa. Intermediate air flow settings can be manufactured upon request at an extra cost of 10%

Use

KVR dampers are used to ensure a constant air volume in ventilation systems at a given pressure range
Air supply or exhaust duct systems
Maximum working temperature 60°C

Composition

Body and valve made of flame retardant PVC, fire classification M1
Rubber strip for air tightness inside the duct
Spring
Piston

Text for tender

The constant volume control dampers shall be of the circular type, made of PVC classified M1. They shall contain a self regulating PVC valve, piston and spring
ATC Type KVR

Article Numbers KVR

Dia (mm)	Article nr.	Possible air flows (m ³ /h)
80	B020101080xxx	015 / 030 / 045 / 050 / 060
100	B020101100xxx	015 / 030 / 045 / 050 / 060 / 075 / 090 / 100
125	B020101125xxx	015 / 030 / 045 / 050 / 060 / 075 / 090 / 100 / 120 / 150 / 180
160	B020101160xxx	120 / 150 / 180 / 210 / 240 / 270 / 300
200	B020101200xxx	210 / 240 / 270 / 300 / 350 / 400 / 450 / 500
250	B020101250xxx	300 / 350 / 400 / 450 / 500 / 550 / 600 / 650 / 700

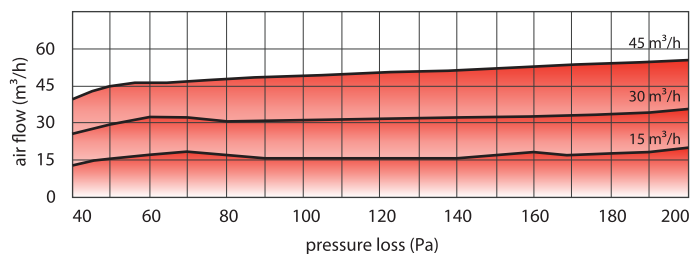
xxx = air flow



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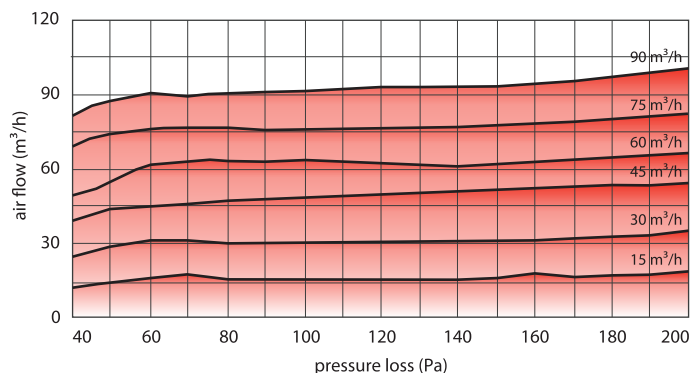
KVR Ø 80 mm from 15 to 45 m³/h

Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
15	25	29	32	35
30	26	31	35	38
45	27	33	36	39



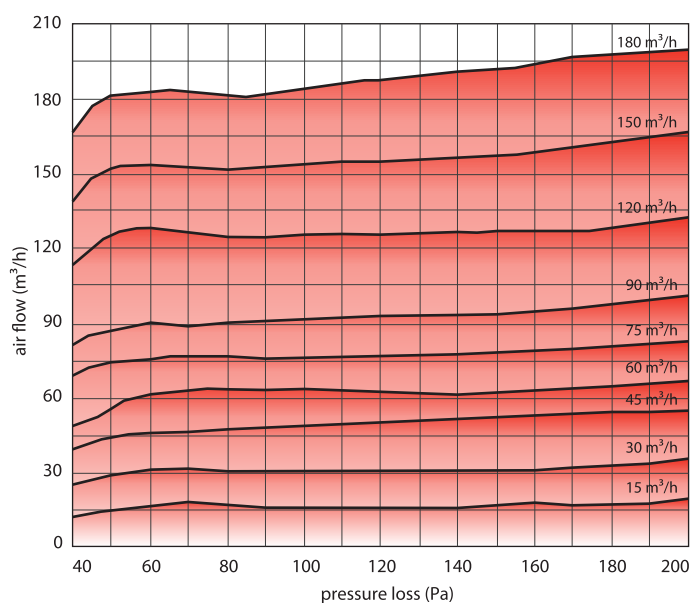
KVR Ø 100 mm from 15 to 90 m³/h

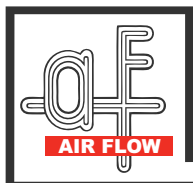
Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
15	25	29	32	35
30	26	31	35	38
45	27	33	36	39
60	32	37	39	42
75	32	37	40	42
90	32	38	41	44



KVR Ø 125 mm from 15 to 180 m³/h

Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
15	25	29	32	35
30	26	31	35	38
45	27	33	36	39
60	32	37	39	42
75	32	37	40	42
90	32	38	41	44
120	30	34	39	42
150	33	37	41	45
180	34	40	44	47

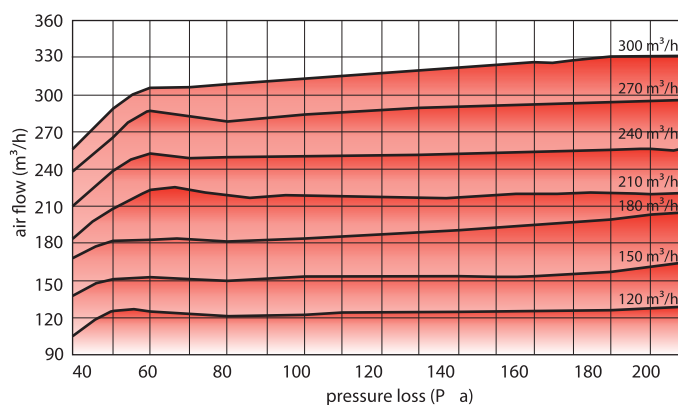




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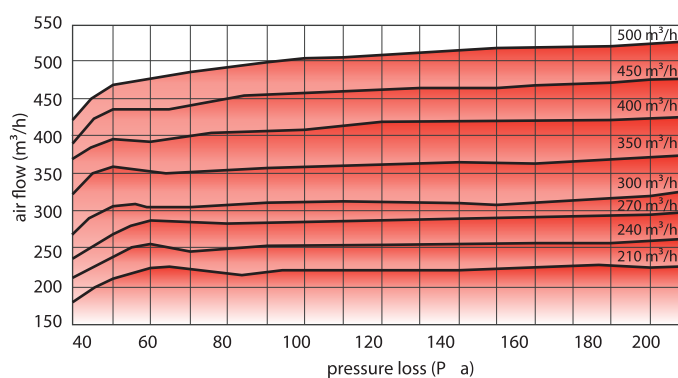
KVR Ø 160 mm from 120 to 300 m³/h

Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
120	30	34	39	42
150	33	37	41	45
180	34	40	44	47
210	34	40	42	44
240	35	41	44	47
270	37	43	45	49
300	38	45	48	51



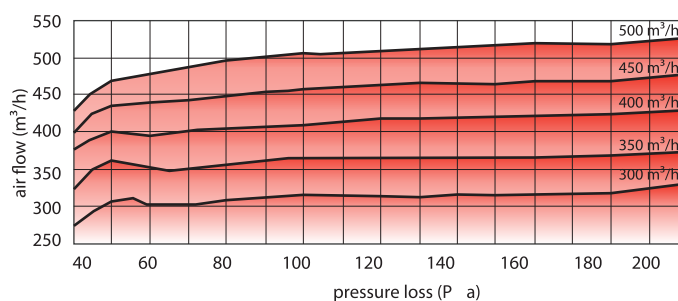
KVR Ø 200 mm from 210 to 500 m³/h

Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
210	34	40	42	44
240	35	41	44	47
270	37	43	45	49
300	33	37	42	45
350	35	40	44	47
400	37	42	45	50
450	38	44	46	51
500	39	46	48	53



KVR Ø 250 mm from 300 to 600 m³/h

Air flow	Lw in dB (A)			
(m³/h)	50 Pa	100 Pa	150 Pa	200 Pa
300	33	37	42	45
350	35	40	44	47
400	37	42	45	50
450	38	44	46	51
500	39	46	48	53
550	40	47	50	53
600	41	49	51	54





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