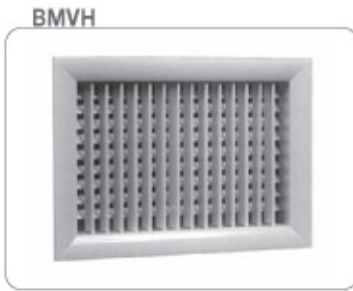


Diffusion



Description

BMVH: supply grilles with double deflection blades (1° vertical)
 • made of natural anodised aluminium
 • fastening with snap-on clips

BMVH-W: like BMVH but RAL 9010 (list price +10%)
BMHV: like BMVH but with 1st row of adjustable blades +10%
BMV: single row of BMVH horizontal adjustable blades -5%
BMH: single row of BMVH horizontal adjustable blades -10%

Accessories

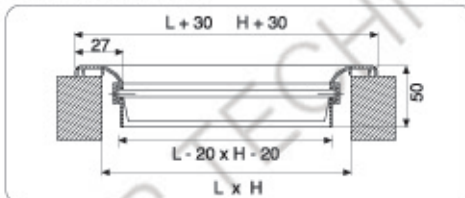
SC: control damper (sizes over B=600 and H=300 supplied in multiple parts)
PL: side entry plenum on long side
PT: plenum with rear entry
I: external insulation reaction to fire class B-s2-d0 (list price +30%)
CT: counterframe for fastening with snap-on clips to wall or duct

Special versions

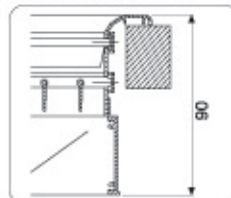
BM....FV: fastening with visible screws (not included)
 • fastening: magnets or latch, on request
 • non-standard dimensions on request
VR: coating according to RAL 9005 / 9006 table
 fixed surcharge €30 + 20% per piece

Other RAL colours on request

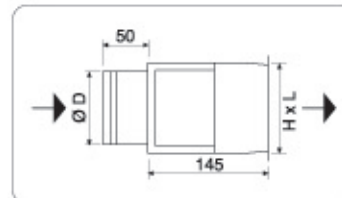
BMVH / BMV / BMH



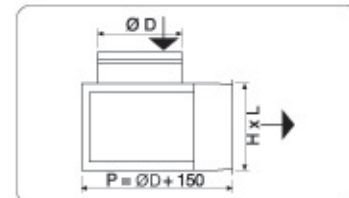
BMVH/BMH/V/SC



PT



PL



Selection table for BMVH-BMHV-BMV-BMH (with ceiling effect A) Vt= 0.375 m/s

AK (dm²)	L x H (mm)	Flow rate (m³/h)																		
		150		200		300		400		500		700		900		1200		1500		
1.1	200x100	-	4.1	19	5.5	28	8.2													
		3.8	10	5	18	7.6	40													
1.6	300x100	-	3.4	-	4.5	21	6.8	28	9.1											
		2.6	5	3.5	8	5.2	19	6.9	3.4											
2.4	400x100 300x150			-	3.7	-	5.6	20	7.4	25	9.3									
				2.3	4	3.5	8	4.6	15	5.8	23									
3.0	500x100					-	5	16	6	21	8.3	29	12							
						2.8	5	3.7	10	4.6	15	6.5	29							
4.0	600x100 400x150 300x200					-	4.3	-	5.7	-	7.2	23	10	29	13					
						2.1	3	2.8	5	3.5	8	4.9	17	6.2	27					
4.9	800x100 500x150 400x200							-	5.2	-	6.5	19	9.1	25	12	32	16			
						2.3	4	2.8	6	4	11	5.1	18	6.8	32					
6.0	600x150 500x200							-	5.9	15	8.2	21	11	22	14	34	18			
						2.3	4	3.2	7	4.2	12	5.5	22	6.9	34					
7.8	800x150 600x200									-	7.2	16	9.2	23	12	29	15			
										2.5	4	3.2	7	4.3	13	5.3	20			
10.5	800x200 500x300											-	8	17	11	23	13			
												2.4	4	3.2	7	4	11			
13.2	600x300													-	9.5	18	12			
														2.5	4	3.2	7			
16.0	800x300													-	8.6	-	11			
														2.1	3	2.6	5			
21.0	1000x300	NR	Lt																	
		Vk	Δpt																	

The NR values do not take into account room attenuation

K factors for other Vt

V _t (m/s)	0.25	0.375	0.50
L _t (m)	1.50	1.00	0.75
B _x	1.05	0.70	0.53

B = without ceiling effect

K factor for deflection

α	β	Lt	Vk	Δpt	NR
22°	35°	x0.77	x1.15	x1.30	+3
45°	60°	x0.55	x1.25	x1.60	+6