

GM52



Description

GM: supply grilles particularly suitable for industrial facilities

- galvanised steel frame and adjustable blades
- fastening with visible screws (not included)

- GM41: simple row of vertical blades
- GM42: double row of vertical front blades
- GM51: simple row of horizontal blades
- GM52: double row of horizontal front blades

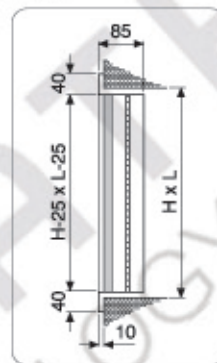
Accessories

- DL50 damper up to dim. 700x700 mm
- DL101 damper for other sizes

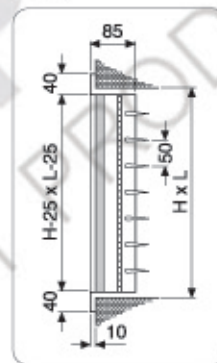
Special versions

- GMA: in aluminium (on request)
- GMX: in AISI 304 stainless steel (on request)
- GM....W: coating as per the RAL table (on request)
- GM....ATS: with thermostatic element (on request)

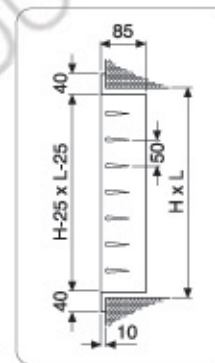
GM41



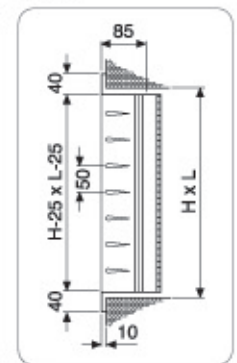
GM42



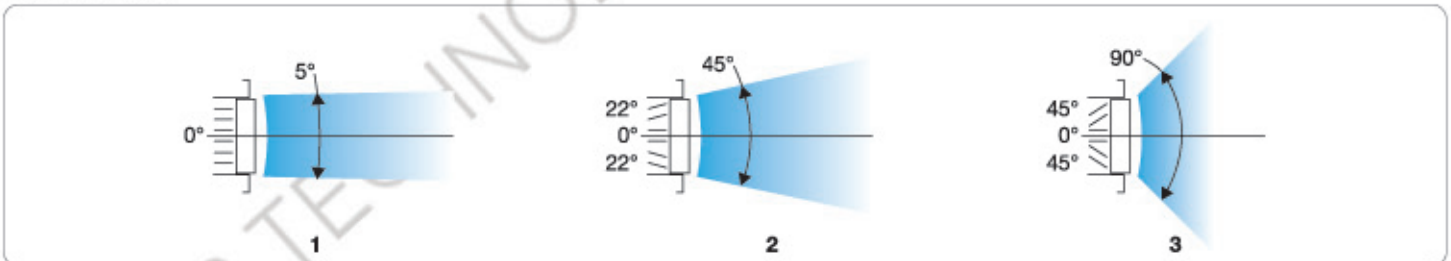
GM51



GM52



Blade deflection



Δp	Deflect.	Output velocity [V (m/s)]																		
		2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00	5.50	6.00	6.25	6.50	7.00	7.25	7.75	8.00	8.75
mm H ₂ O	1-2-3	0.20	0.25	0.40	0.50	0.70	0.80	0.90	1.00	1.20	1.50	2.00	2.20	2.30	2.50	3.00	3.20	3.70	4.00	4.70

Selection table - Throw with Vt 0.5 m/s

L	Normal dimensions					Flow Q	Deflection			Flow Q	Deflection			Flow Q	Deflection			Flow Q	Deflection														
	H						V	1	2		3	V	1		2	3	V		1	2	3												
	200	300	400	500	600																	2.75	3.00	3.25	3.50	4.00	4.50	5.50	6.00	6.50	7.25	8.00	8.75
	Throw L - m																					Throw L - m			Throw L - m			Throw L - m					
500					800	5.7	5.0	4.0	1100	7.5	6.5	5.4	1600	11.0	9.4	8.3	2150	14.0	12.6	10.8													
600					940	6.1	5.1	4.7	1230	8.3	6.8	6.1	1850	11.5	10.0	8.5	2450	15.0	13.5	11.5													
700					1000	6.5	5.4	4.8	1360	8.6	7.2	6.5	2000	12.0	11.0	9.5	2700	16.0	13.8	12.0													
800	500				1200	7.0	6.0	5.1	1600	9.3	7.7	6.8	2200	13.0	12.0	10.5	3100	16.5	14.5	12.5													
900	600				1450	7.6	6.5	5.4	1900	10.0	8.3	7.2	2800	14.0	12.2	11.0	3800	17.5	16.0	13.5													
1000	700	500			1600	8.3	6.8	6.1	2150	10.5	9.4	7.2	3300	15.0	13.0	11.5	4250	19.0	17.0	14.5													
1200	800	600	500		1900	8.7	7.2	6.5	2450	11.6	9.7	8.0	3650	16.0	13.5	12.5	4650	20.5	18.0	15.0													
	900	700	600		2100	9.4	8.0	6.9	2700	12.2	10.5	9.0	4100	16.5	15.0	13.0	5400	22.0	20.0	16.0													
	1100	900	700	600	2550	9.8	8.3	7.2	3400	13.0	11.5	9.7	5100	18.0	16.0	14.5	6800	24.0	21.5	17.5													
		1100	900	700	3250	11.0	9.0	8.3	4400	14.5	13.0	11.0	6500	20.5	17.5	16.3	8800	27.2	24.2	20.3													
			1200	1000	800	3750	12.0	10.0	8.8	5000	15.5	13.7	11.7	7800	21.5	18.5	17.0	10200	29.0	26.0	21.5												
				1100	900	4100	12.4	10.5	9.0	5400	16.0	14.0	12.0	8200	22.0	19.5	17.5	11000	30.0	27.0	22.5												
					1200	1000	4600	13.0	10.8	9.7	6100	16.5	15.0	12.5	9200	23.5	20.5	18.0	12200	32.0	28.5	23.5											
					1100	5100	13.8	12.0	10.8	6800	17.4	15.5	13.4	10200	24.5	21.0	19.0	13600	33.5	30.0	25.0												
					1200	6100	15.0	12.3	11.0	8100	18.8	16.2	14.0	12000	26.5	23.0	21.0	16300	37.0	31.5	26.0												