

External louvre

EXT-GALV



Specifications

External weather louvre with fixed blades, inclined at 45°, with special rain prevention profile.
 Supplied standard with wire mesh (eye according to size).
 Free area approx. 68%. Pitch 50 mm.

Used for air intake or exhaust, in ventilation systems.

Material

Galvanised steel - DX51D Z140

Mounting / Fixing

Mounting on walls (outside), only in vertical position.
 Fixing with visible screws (countersunk hole in frame)

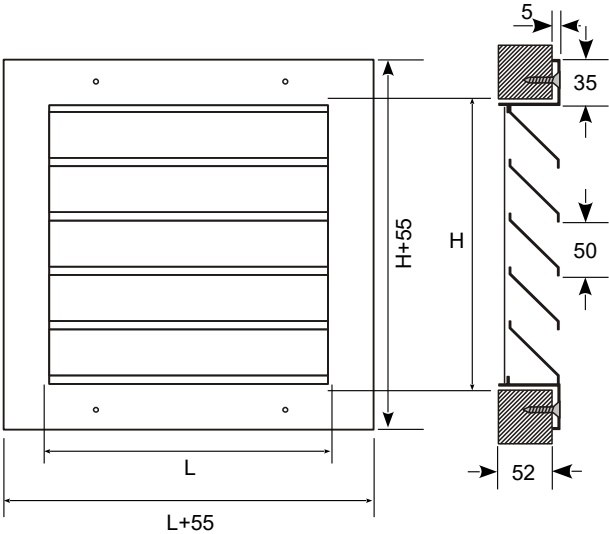
Order code: **EXT- GALV** **aaa x bbb**

Product code

opening length L (mm)

opening height H (mm)

Technical data



LxH - opening hole size

Grille neck size: (L-15) x (H-15)

Standard sizes

L	H	Q (m³/h) @ V _{ef} 3,5 (m/s)
200	200	350
250	250	560
300	300	790
350	350	1080
400	400	1490
450	450	1880
500	500	2330
600	600	3350

Custom sizes

Custom sizes available (under certain commercial conditions), between: LxH 200x200 mm ~ LxH 2000x1000 mm, with a height step of 50 mm.

External louvre

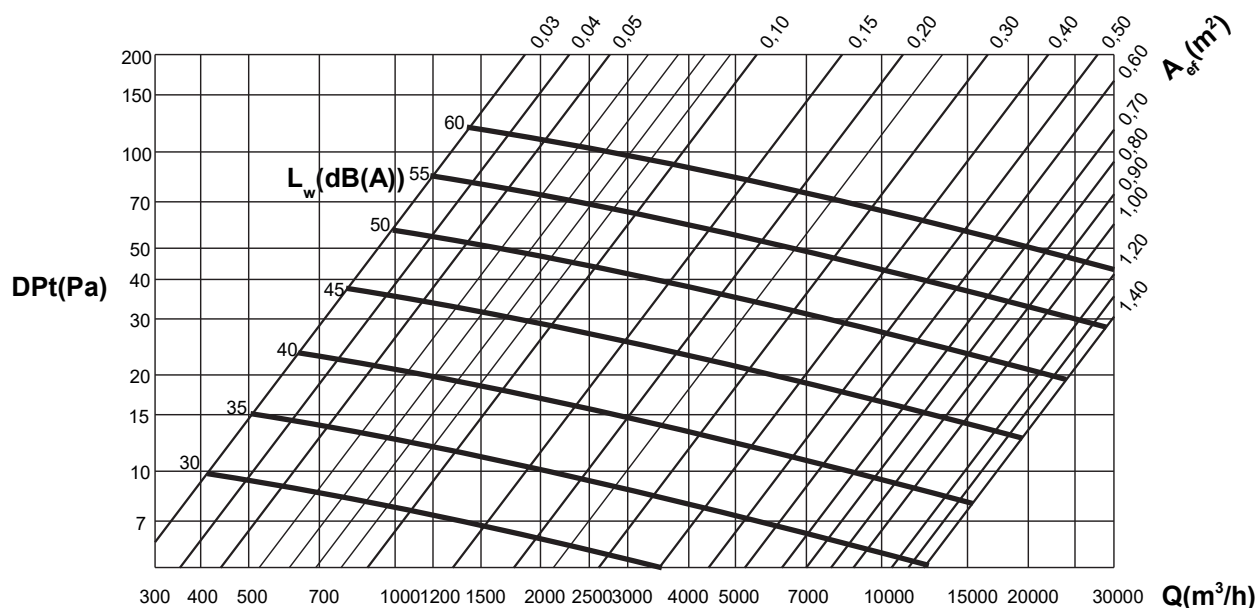
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Selection table

Q (m³/h)	LxH (mm)	200x200	300x200	400x200	300x300	500x200	400x250	400x300	350x350	500x250	500x300	400x400	500x400	450x450	600x400	500x500	600x500	600x600
	A _{ef} (m²)	0,028	0,042	0,056	0,063	0,074	0,086	0,092	0,115	0,148	0,177	0,221	0,266					
300	Lw(dB(A))	23																
	ΔPt(Pa)	7																
400	Lw(dB(A))	29	24															
	ΔPt(Pa)	12	7															
500	Lw(dB(A))	37	30	20														
	ΔPt(Pa)	20	12	5														
700	Lw(dB(A))	43	36	32	29	25												
	ΔPt(Pa)	38	22	13	11	8												
1000	Lw(dB(A))		46	41	38	34	32	29										
	ΔPt(Pa)		48	28	21	15	12	9										
1200	Lw(dB(A))			44	42	38	37	35	28									
	ΔPt(Pa)			20	32	23	17	15	8									
1500	Lw(dB(A))				47	43	42	39	34	30								
	ΔPt(Pa)				48	34	28	23	13	8								
2000	Lw(dB(A))						48	45	42	37	33	29						
	ΔPt(Pa)						48	35	25	15	11	7						
2500	Lw(dB(A))								46	41	38	34	31					
	ΔPt(Pa)								36	22	16	11	8					
3000	Lw(dB(A))									46	42	38	35					
	ΔPt(Pa)									34	23	16	11					
4000	Lw(dB(A))										48	44	42					
	ΔPt(Pa)										41	28	20					
5000	Lw(dB(A))											50	46					
	ΔPt(Pa)											45	32					
7000	Lw(dB(A))												55					
	ΔPt(Pa)												60					

Technical data

Technical data							A _{ef} (m²)										
H (mm)	1000	-	-	-	-	-	-	0,369	0,443	0,590	0,738	0,886	1,107	1,328	1,476		
	900	-	-	-	-	-	-	0,332	0,399	0,531	0,664	0,797	0,996	1,196	1,328		
	800	-	-	-	-	-	-	0,295	0,354	0,472	0,590	0,708	0,886	1,063	1,181		
	700	-	-	-	-	-	-	0,258	0,310	0,413	0,517	0,620	0,775	0,930	1,033		
	600	-	-	-	-	-	-	0,221	0,266	0,354	0,443	0,531	0,664	0,797	0,886		
	500	-	-	-	-	-	-	0,185	0,221	0,295	0,369	0,443	0,554	0,664	0,738		
	450	-	-	-	-	-	0,149	0,166	0,199	0,266	0,332	0,399	0,498	-	-		
	400	-	-	-	-	0,118	0,133	0,148	0,177	0,236	0,295	0,354	0,443	-	-		
	350	-	-	-	0,086	0,098	0,116	0,129	0,155	0,207	0,258	0,310	-	-	-		
	300	-	-	0,063	0,074	0,084	0,100	0,111	0,133	0,177	0,221	0,266	-	-	-		
	250	-	0,044	0,053	0,061	0,070	0,083	0,092	0,111	0,148	0,185	-	-	-	-		
	200	0,028	0,035	0,042	0,049	0,056	0,066	0,074	0,089	0,118	0,148	-	-	-	-		
		200	250	300	350	400	450	500	600	800	1000	1200	1500	1800	2000		
		L (mm)															



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Mounting / Fixing

1: Measure opening hole and correct level differences and parallelism.
The maximum deviations allowed, both at parallelism and level difference, are +/- 5 mm.



2: Fixing

In metal sandwich panel **(1)**, use self drilling metal screws.

In concrete / brick structure **(2)** etc., mark the drilling hole and use appropriate plugs / anchors (not included).

