

External louvre

EXT



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 38 mm.

Used for air intake or exhaust, in ventilation systems.

Material

Aluminium.
Expanded galvanized steel mesh.

Finish

Standard finish: anodized aluminium.

Optional finishing:
- different RAL (extra cost)

Mounting / Fixing

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

Optional accessories

Plenum box – **PL** (extra cost).

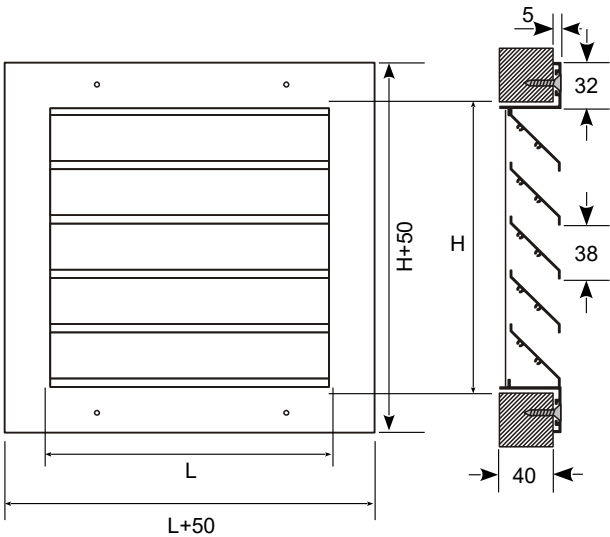
Order code: **EXT** **aaa x bbb** **+***

Product code
opening length L (mm)
opening height H (mm)

not specified - ALU (anodized aluminium)
RALxxxx - optional RAL code (extra cost)

* optional accessories

Technical data



LxH - opening hole size

Grille neck size: (L-10) x (H-10)

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 100x100 mm ~ LxH 1000x1000 mm.

For dimensions larger than LxH 1000x1000 it is recommended to use **EXT-L** type external louvre.

Note: External louvre **EXT** with sizes larger than LxH 1000x1000 mm it is manufactured exclusively at the request and at the risk of the customer, without taking into account eventual technical complaints (e.g. deformations).

External louvre

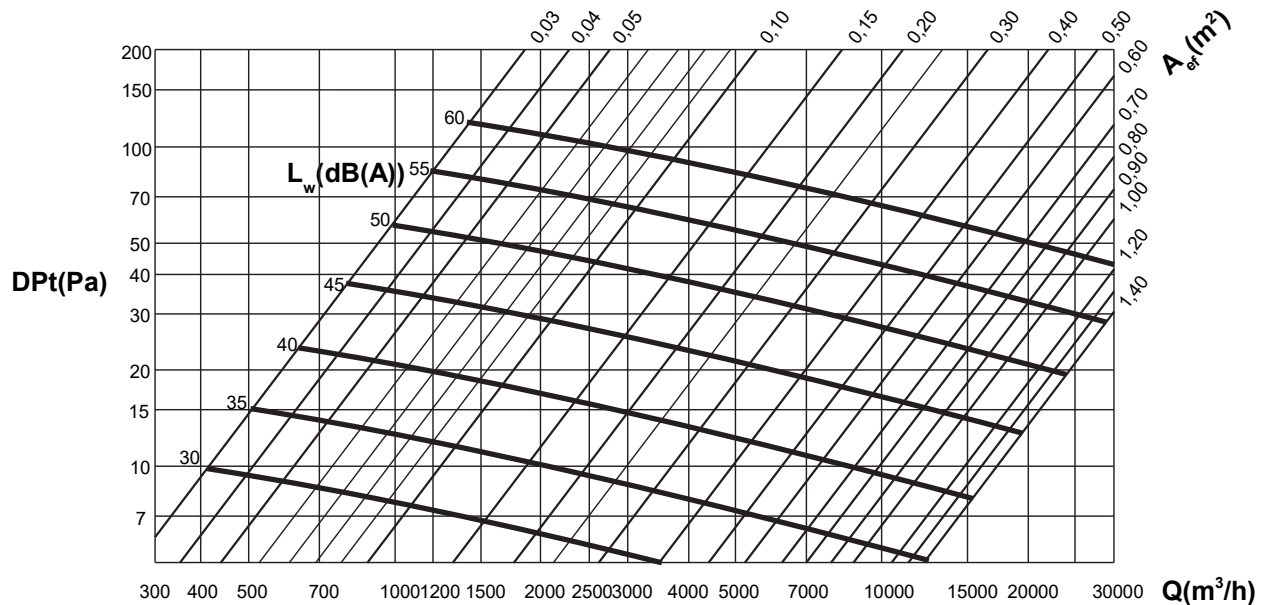
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Selection table

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

		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.

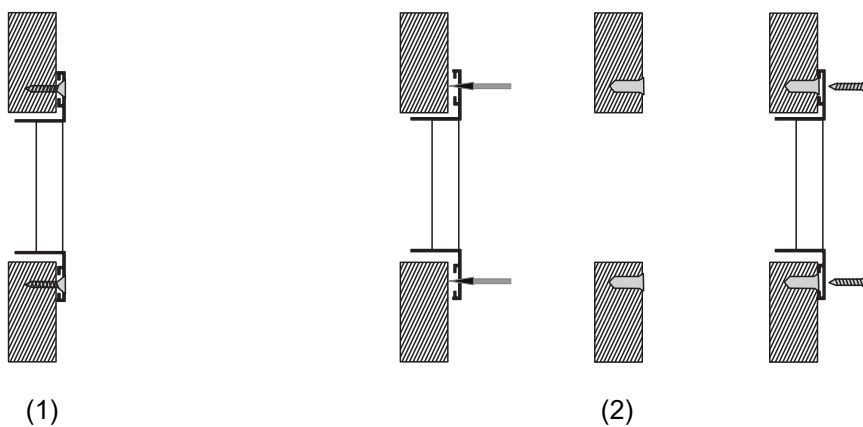
The maximum deviations allowed, both at parallelism and level difference, are +/- 5 mm.



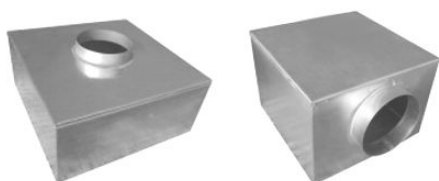
2: Fixing

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).



Optional accessories



PL – Plenum box (extra cost)