WEATHER LOUVRE

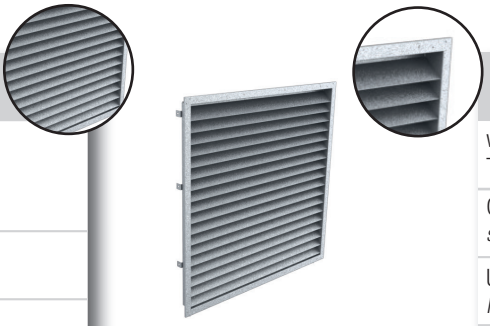
LARGE SIZE - GN

The GN external louvre can be used for air intake or air exhaust. It is suitable for external wall mounting and is dedicated to commercial applications

CODIFICATION

G	X	
Louvre	**N**	Louvre in galvanized steel – all applications

CONSTRUCTION



Blade
Galvanized steel sheet *In option : Painted steel (RAL standard)*
Pitch : 82.5mm
Thickness : 0.8mm
Bird screen mesh : maille 10x10 intégrée aux volets

Frame
width : 95 mm Thickness : 1.5mm
Galvanized steel sheet *In option : Painted steel (RAL standard)*
Undrilled *In option : drilling standard F2A (voir FT 2-4-5)*
Flange : 47.5 mm

PERFORMANCE

	Standard	Option
Air velocity	Air exhaust : up to 5 m/s Air intakes : up to 2.5 m/s	
Drilling dimensions	(L + 15 mm) x (H + 15 mm)	
Miscellaneous		Prefabricated frame to be sealed Assembly with backdraught damper Assembly with damper Assembly with acoustic silencer

ISO 9001 14001 Certified

F2A - 70 Impasse des Barmettes - Parc d'activités des 2B - F 01360 BELIGNEUX
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F2A Manufacturer Air handling components

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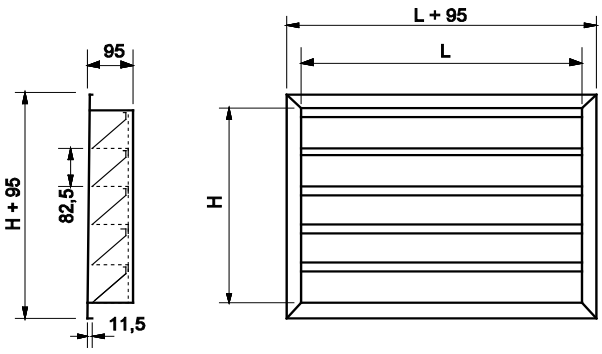
DIMENSIONS

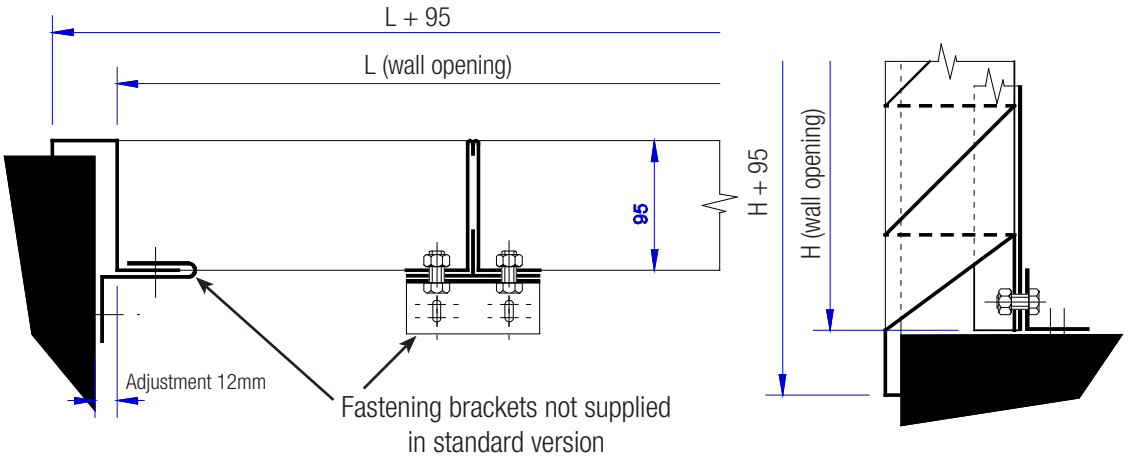
Heights from 400 mm to 2500 mm

Lengths from 395 mm to 2495 mm

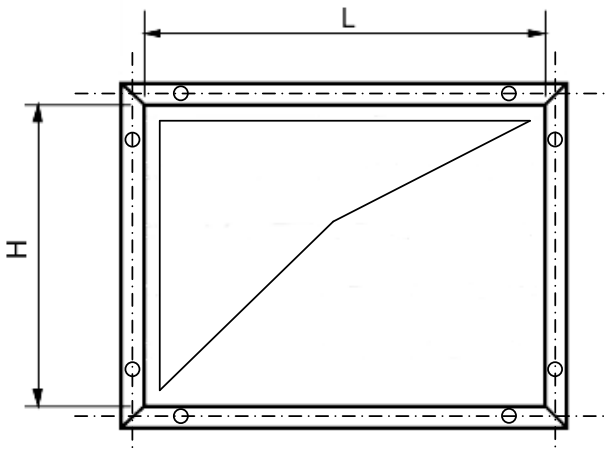


In option : dimensions superior
Construction in several pieces for a surface LxH below or equal to 4m²

LOUVRE > 4 M²



DRILLING OF THE FRAME (in option)



H	L	K	P
300	295	1	190
400	395	1	290
500	495	1	390
600	595	1	490
700	695	2	295
800	795	2	345
900	895	2	395
1000	995	2	445
1100	1095	2	495
1200	1195	3	363,3
1300	1295	3	396,7
1400	1395	3	430
1500	1495	4	347,5
1600	1595	4	372,5
1700	1695	4	397,5
1800	1795	4	422,5
1900	1895	4	447,5
2000	1995	4	472,5
2100	2095	4	497,5
2200	2195	4	522,5
2300	2295	4	547,5
2400	2395	4	572,5
2500	2495	4	597,5

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WEIGHT (kg)

H \ L	395	595	795	995	1195	1395	1595	1795	1995	2195	2395	2495
400	7	9	11	14	16	18	20	23	25	27	29	30
600	9	11	14	17	20	23	26	29	32	34	38	39
1000	12	16	20	25	28	33	37	42	46	50	55	57
1400	16	20	25	32	37	44	48	55	60	65	72	74
1800	19	25	31	39	45	54	60	68	74	80	89	92
2000	21	27	34	43	50	59	65	75	81	88	97	100
2400	24	32	40	51	58	69	77	88	95	103	114	118

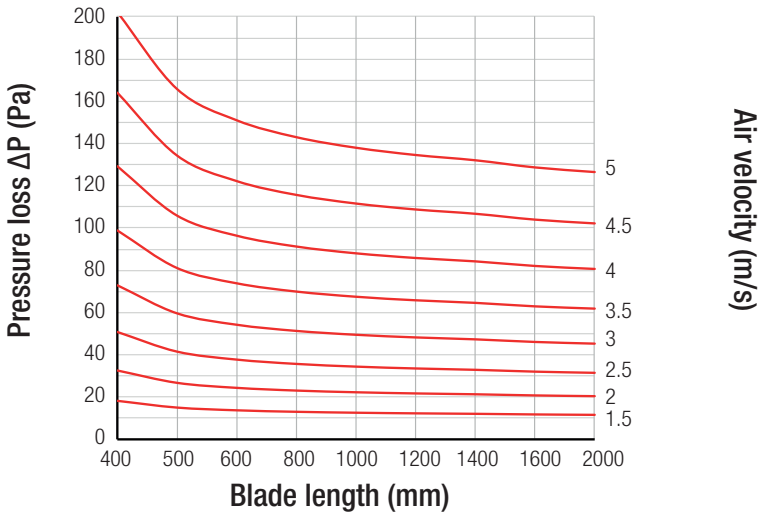
SELECTION

Airflow (m^3/h) and free area velocity between the blades (m/s) for a **face velocity of 2.5 m/s**:

H \ L	395		595		795		995		1195		1395		1595		1795		1995	
400	1422	6	2142	6	2862	6	3582	6	4302	6	5022	6	5742	6	6462	6	7182	6
600	2133	4.5	3213	4.5	4293	4.5	5373	4.5	6453	4.5	7533	4.5	8613	4.5	9693	4.5	10773	4.5
800	2844	3.6	4284	3.6	5724	3.6	7164	3.6	8604	3.6	10044	3.6	11484	3.6	12924	3.6	14364	3.6
1000	3555	3.5	5355	3.5	7155	3.5	8955	3.5	10755	3.5	12555	3.5	14355	3.5	16155	3.5	17955	3.5
1200	4266	3.6	6426	3.6	8586	3.6	10746	3.6	12906	3.6	15066	3.6	17226	3.6	19386	3.6	21546	3.6
1400	4977	3.7	7497	3.7	10017	3.7	11277	3.7	15057	3.7	17577	3.7	20097	3.7	22617	3.7	25137	3.7
1600	5688	3.6	8568	3.6	11448	3.6	14328	3.6	17208	3.6	20088	3.6	22968	3.6	25848	3.6	28728	3.6
1800	6399	3.7	9639	3.7	12879	3.7	16119	3.7	19359	3.7	22599	3.7	25839	3.7	29079	3.7	32319	3.7
2000	7110	3.6	10710	3.6	14310	3.6	17910	3.6	21510	3.6	25110	3.6	28710	3.6	32310	3.6	35910	3.6

PRESSURE DROP

The pressure loss can be read below, according to the face velocity.



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