ALUMINUM LOUVRE

GA

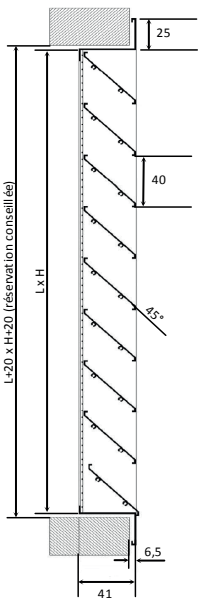
The GA louvre can be installed on the air intake or air exhaust. It is available at the step of 40mm (GA 40) or at the step of 80mm (GA80). It is made in anodized aluminum..

	GA 40	GA 80
Material	15 microns anodized aluminum louvre	
Blades	Fixed blades tilted at 45°C, anti-rain device Step of 40 mm	Fixed blades tilted at 45°C, anti-rain device + resistant to wind driven rain Step of 80 mm
Mesh	*Anti-bird/rodent mesh in galvanized steel (12,7 x 12,7 mm meshes)*	
Options	Special drilling RAL paint as required Mosquito net Counter frame to screw Filters + filters holders	
Dimensions	*Height : from 200 mm to 2000 mm* *Width : from 200 to 2000 mm* *Other dimensions in several units*	*Height : from 400 mm to 2000 mm* *Width : from 400 to 2000 mm* *Other dimensions in several units*

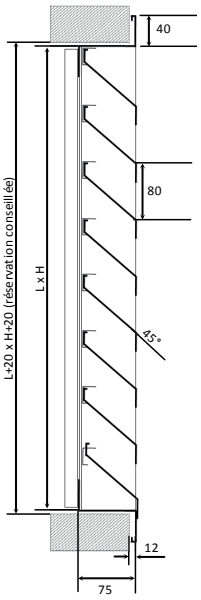
DIMENSIONS

GA 40

- Height : from 200 mm to 2000 mm
- Length : from 200 mm to 2000 mm



- Height : from 400 mm to 2000 mm
- Length : from 400 mm to 2000 mm



2016/06

ISO 9001 14001 Certified

F2A - 70 Impasse des Barmettes - Parc d'activités des 2B - F 01360 BELIGNEUX
Tel. +33 (0) 4 78 06 54 72 - Fax +33 (0) 4 78 06 53 45 - E-mail : export@f2a.fr

F2A Manufacturer Air handling components

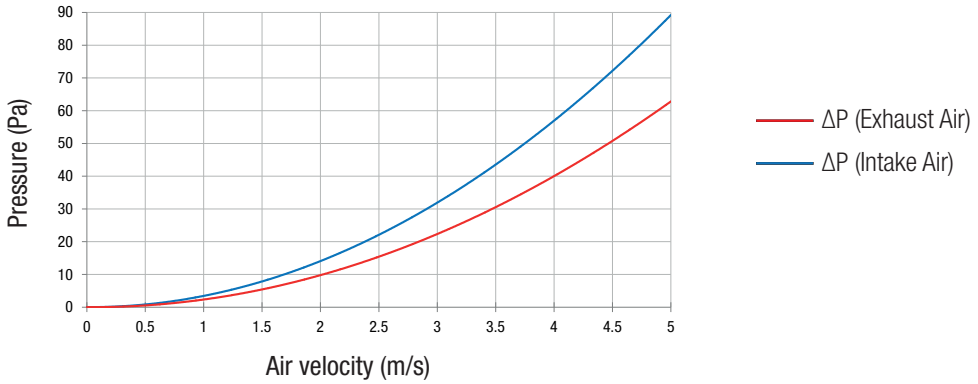
ALUMINUM LOUVRE
GA

SELECTION AND PRESSURE LOSSES

GA 40 Louvre

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

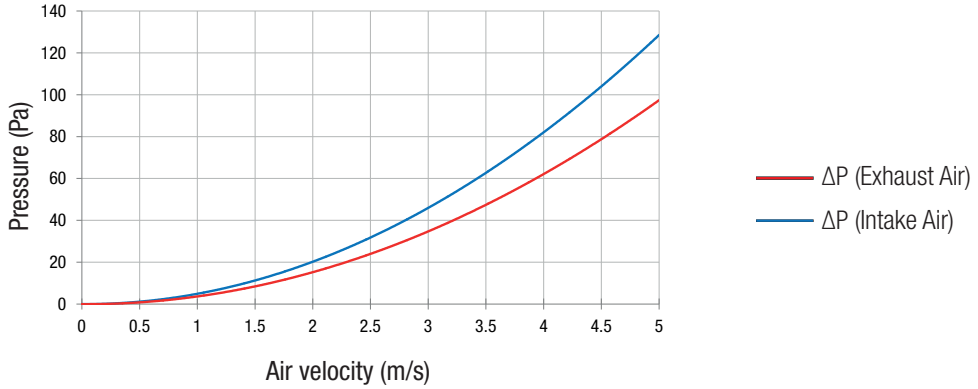
H \ L	200		300		400		500		600		700		800	
100	180	7.2	270	7.1	360	7.0	450	6.9	540	6.9	630	6.9	720	6.8
200	360	4.8	540	4.7	720	4.6	900	4.6	1080	4.5	1260	4.5	1440	4.5
300	540	4.5	810	4.4	1080	5.1	1350	4.3	1620	4.3	1890	4.3	2160	4.2
400	720	4.2	1080	4.1	1440	4.1	1800	4.0	2160	4.0	2520	4.0	2880	4.0



GA 80 Louvre

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

H \ L	400		800		1000		1200		1400		1600		1800		2000	
400	1440	4.5	2880	3.8	3600	3.7	4320	3.6	5040	3.5	5760	3.5	6480	2.9	7200	3.4
600	2160	4.3	4320	3.7	5400	3.6	6480	3.5	7560	3.5	8640	3.4	9720	3.4	10800	3.4
800	2880	4.4	5760	3.7	7200	3.6	8640	3.5	10080	3.5	11520	3.4	12960	3.4	14400	3.3
1000	3600	4.3	7200	3.6	9000	3.6	10800	3.5	12600	3.4	14400	3.4	16200	3.4	18000	3.3
1200	4320	4.3	8640	3.6	10800	3.6	12960	3.4	15120	3.4	17280	3.4	19440	3.4	21600	3.3
1400	5040	4.3	10080	3.6	12600	3.5	15120	3.4	17640	3.4	20160	3.4	22680	3.3	25200	3.3
1600	5760	4.3	11520	3.6	14400	3.6	17280	3.4	20160	3.4	23040	3.3	25920	3.3	28800	3.3
1800	6480	4.3	12960	3.6	16200	3.5	19440	3.4	22680	3.4	25920	3.3	29160	3.3	32400	3.3
2000	7200	4.3	14400	3.6	18000	3.5	21600	3.4	25200	3.4	28800	3.3	32400	3.3	36000	3.3



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

AIRFLOW SECTION (dm²)

GA 40

L x H	100	200	300	400
200	0,69	2,09	3,33	4,72
300	1,06	3,22	5,13	7,27
400	1,42	4,36	5,93	9,82
500	1,81	5,48	8,73	12,37
600	2,18	6,61	10,53	14,92
700	2,56	7,74	12,33	17,47
800	2,92	8,87	14,13	20,02

GA 80

L x H	400	600	800	1000	1200	1400	1600	1800	2000
400	8,9	14,8	21,3	27,2	33,6	39,5	46	61,9	58,3
600	13,6	22,6	32,5	41,5	51,3	60,3	70,2	79,2	89,0
800	18,3	30,4	43,7	55,8	69	81,1	94,4	106,5	119,7
1000	23	39,2	54,9	70,1	86,7	101,8	118,6	133,8	150,4
1200	27,7	46	86,1	84,4	104,4	122,7	142,8	161,1	181,1
1400	32,4	53,8	77,3	98,7	122,1	143,5	167	188,4	211,8
1600	37,1	61,8	88,5	113	139,8	164,3	191,2	215,7	242,5
1800	41,8	69,4	99,7	127,3	157,5	186,1	215,4	243	273,2
2000	46,5	77,2	110,9	141,6	175,2	205,9	239,6	270,3	303,9

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