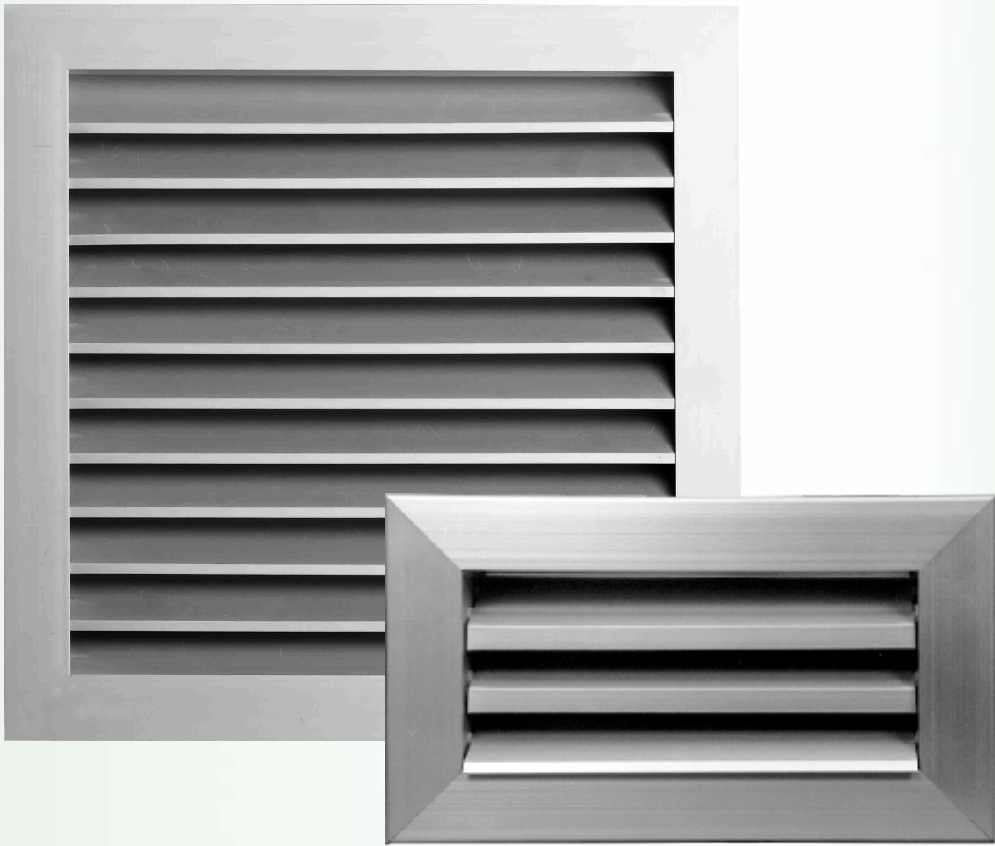




LOUVERS



LUV

aluminium louver

► advantages

- Robust.

► range

- Range of large louvers : dimensions to Eurovent norms 200 x 200 mm to 2 000 x 2 000 mm.

☒ application

- Rain-stop louver for intake or discharge of air.

► construction / composition

- Grille in extruded aluminium.
- Vane steps : variable depending on heights.
- Braces required for 1 100 mm width upwards.
- Galvanised steel bird wire screen.
- Fixing by screws : frame punched for direct assembly or with frame.
- Finish : anodised aluminium.

☒ options

- GLA triangular.
- GLA large dimensions with frame and fluid aspect.
- Paint : all RAL shades.
- Special anodisations : champagne, gold, bronze.



► packaging

- Individual, in plastic film.
- Polystyrene frame for large sizes.

► specifications

- The louver will have vanes with a step of 50 to 78 mm. The back side will be equipped with a wire bird screen in galvanised steel. It will be fixed by visible screws.
- It will be in natural anodised aluminium.
- Type GLA, brand.

technical description

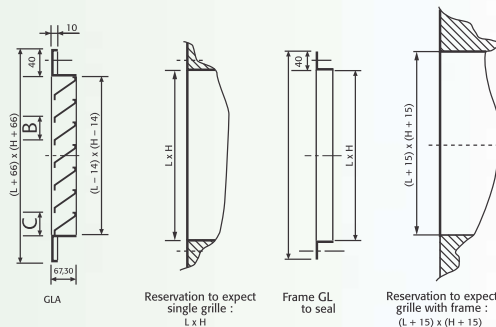
☒ Dimensions

nominal dimensions	B	C*
200	50	55
300	66	71
400	75	78
500	66,5	70,5
600	71	77
700	75	78
800	78	79
900	72,5	78

nominal dimensions	B	C*
1 000	75	78
1 100	77	79
1 200	73,5	74
1 400	76,5	79
1 600	75	78
1 800	74	75
2 000	76	79

* The last vane is fixed depending on the height of the grille.

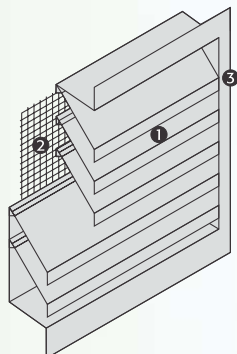
Note : the center distances of axes of the drill holes are 300 mm apart. Their position is symmetrical in relation to the axes of the grille.



technical description

☒ Cutaway view

- 1 - Rain-stop vanes with variable step.
- 2 - Galvanised steel wire bird screen.
- 3 - Punched frame (ø 9,8 mm) for direct assembly of with frame GL.



☒ Features

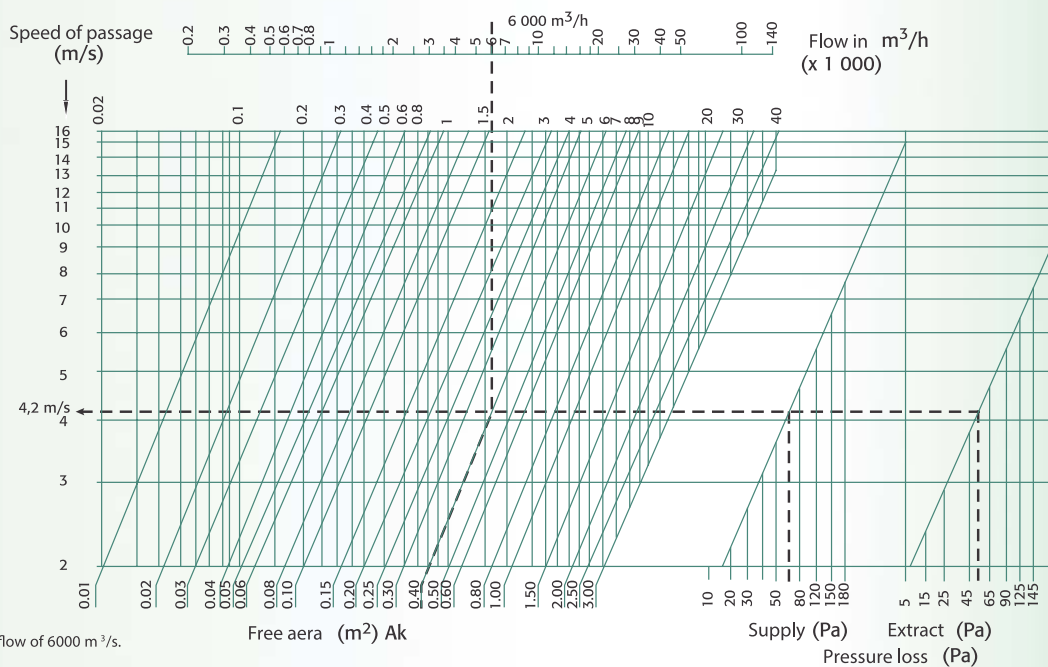
- Free area (m²) : Ak effective with wire netting

N° blades	L	H	200	300	400	500	600	700	800	900	1000
3	200	0,01	0,02	0,02	0,03	0,03	0,04	0,05	0,05	0,06	
4	300	0,02	0,03	0,05	0,06	0,07	0,09	0,10	0,11	0,13	
5	400	0,03	0,05	0,07	0,09	0,11	0,13	0,15	0,17	0,19	
7	500	0,04	0,07	0,09	0,12	0,14	0,17	0,20	0,22	0,25	
8	600	0,05	0,08	0,11	0,15	0,18	0,21	0,25	0,28	0,31	
9	700	0,06	0,10	0,14	0,18	0,22	0,26	0,30	0,34	0,38	
10	800	0,07	0,12	0,17	0,21	0,26	0,31	0,36	0,40	0,45	
12	900	0,08	0,13	0,19	0,24	0,29	0,35	0,40	0,45	0,51	
13	1000	0,09	0,15	0,21	0,27	0,33	0,39	0,45	0,51	0,57	
14	1100	0,1	0,17	0,24	0,30	0,37	0,44	0,51	0,57	0,64	
16	1200	0,11	0,18	0,26	0,33	0,40	0,48	0,55	0,62	0,70	
17	1300	0,12	0,20	0,29	0,36	0,44	0,52	0,60	0,68	0,76	
18	1400	0,13	0,22	0,30	0,39	0,48	0,57	0,66	0,74	0,83	
20	1500	0,14	0,23	0,32	0,42	0,51	0,61	0,70	0,79	0,89	
21	1600	0,15	0,25	0,35	0,45	0,55	0,65	0,75	0,85	0,95	
22	1700	0,16	0,27	0,37	0,48	0,59	0,70	0,81	0,91	1,02	
24	1800	0,17	0,28	0,39	0,51	0,62	0,73	0,85	0,96	1,08	
25	1900	0,18	0,30	0,42	0,54	0,66	0,78	0,90	1,02	1,14	
26	2000	0,19	0,32	0,44	0,57	0,70	0,83	0,95	1,08	1,21	

N° blades	L	H	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
3	200	0,07	0,07	0,08	0,08	0,09	0,10	0,10	0,11	0,12	0,12	
4	300	0,14	0,15	0,17	0,18	0,19	0,20	0,22	0,23	0,24	0,26	
5	400	0,21	0,23	0,25	0,27	0,29	0,32	0,34	0,36	0,38	0,40	
7	500	0,27	0,30	0,33	0,35	0,38	0,40	0,43	0,46	0,48	0,51	
8	600	0,34	0,38	0,41	0,44	0,47	0,51	0,54	0,57	0,61	0,64	
9	700	0,42	0,46	0,50	0,54	0,59	0,63	0,67	0,71	0,75	0,79	
10	800	0,50	0,55	0,59	0,64	0,69	0,74	0,78	0,83	0,88	0,93	
12	900	0,56	0,61	0,67	0,72	0,77	0,83	0,88	0,93	0,99	1,04	
13	1000	0,63	0,69	0,75	0,81	0,88	0,94	1,00	1,06	1,12	1,18	
14	1100	0,71	0,78	0,84	0,91	0,98	1,05	1,11	1,18	1,25	1,32	
16	1200	0,77	0,84	0,92	0,99	1,06	1,14	1,21	1,28	1,36	1,43	
17	1300	0,84	0,92	1,00	1,08	1,17	1,25	1,33	1,41	1,49	1,57	
18	1400	0,92	1,01	1,09	1,18	1,27	1,36	1,44	1,53	1,62	1,71	
20	1500	0,98	1,07	1,17	1,26	1,35	1,45	1,54	1,63	1,73	1,82	
21	1600	1,05	1,15	1,25	1,36	1,46	1,56	1,66	1,76	1,86	1,96	
22	1700	1,13	1,24	1,34	1,45	1,56	1,67	1,77	1,88	1,99	2,10	
24	1800	1,19	1,30	1,42	1,53	1,64	1,76	1,87	1,98	2,10	2,21	
25	1900	1,26	1,38	1,50	1,63	1,75	1,87	1,99	2,11	2,23	2,35	
26	2000	1,34	1,47	1,59	1,72	1,85	1,98	2,10	2,23	2,36	2,49	



selection graph



selection of accessories

► Combinations possible with filter-casing :

- 1 - LUV + FILTERS
nominal dimensions filter = nominal dimensions LUV .

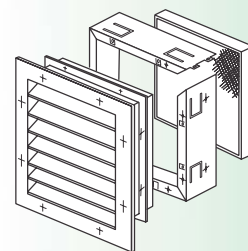
► Combinations possible with damper JNE / AD-25:

- 1 - LUV + JNE / AD-25:
nominal dimensions LDT = (nominal dimensions LUV) – 100
- 2 - LUV + FILTERS + JNE / AD-25:
nominal dimensions filter = nominal dimensions LUV
nominal dimensions JNE/AD-25 = (nominal dimensions LUV) – 100

☒ Combinations possible with overpressure damper :

- 1 - LUV + OPD :
nominal dimensions SPG = (nominal dimensions LUV) – 100
- 2 - LUV + FILTERS + JNE / AD-25:
nominal dimensions filter = nominal dimensions LUV
nominal dimensions OPD = (nominal dimensions LUV) – 100

- ☒ • Filter-casing for fresh air intake
(alum - fiber)



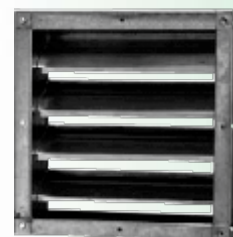
► JNE \ AD 25

- Damper
(steel - alum).

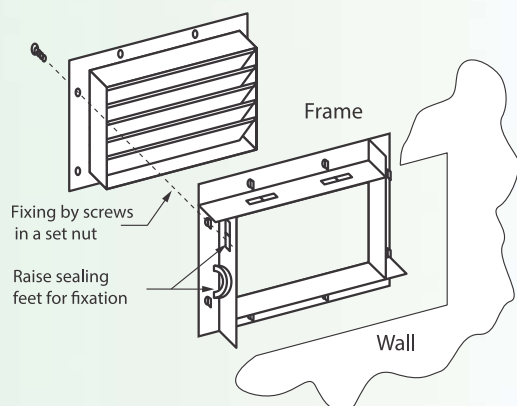


► OPD

- Over pressure damper



fitting and connection



LUV 23 - 27

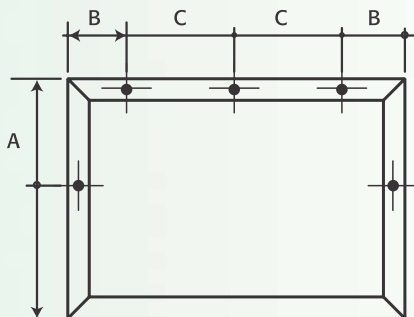
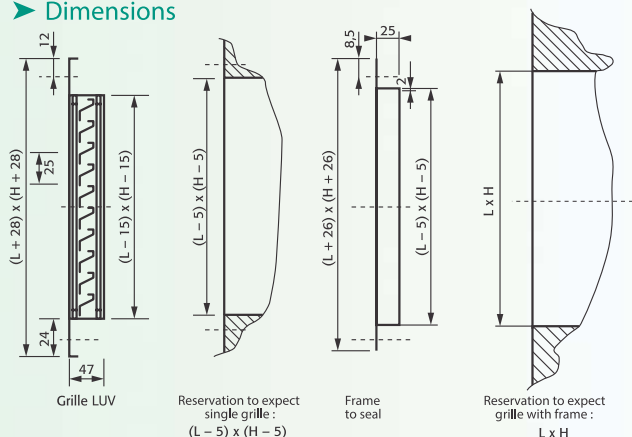
aluminium louver
small dimensions

► advantages

- Aesthetic.
- Robust.

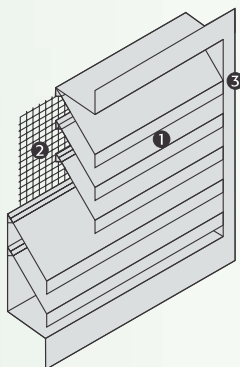
technical description

► Dimensions



technical description

► Cutaway view



- 1 - Rain-stop vanes assembled by a step of 25 mm.
- 2 - Antimosquito wire netting in galvanised steel wires.
- 3 - Frame punched for a direct assembly or with frame.

► gamme

- Range of grilles of small dimensions.
- Dimensions to EUROVENT norms 150 x 100 to 800 x 800 mm.

► application

- Rain-stop louver for intake or discharge of air.

► construction / composition

- Grille in extruded aluminium.
- Step of vanes : 25 mm.
- Antimosquito wire netting in galvanised steel.
- Fixing by screws : frame punched for direct assembly or with frame.
- Finish : anodised aluminium.

► option

- Paint : all RAL shades.

► packaging

- Individual packaging with plastic film.

► specifications

- The louver will have vanes with a rain-stop profil of low height. The rear side will be equipped with an antimosquito wire netting in galvanised steel. It will be in natural anodised aluminium.
- Type LUV, brand.

Height H (mm)	Width L (mm)										
	150	200	300	400	500	600	700	800			
100	A = (H + 2/(28 1 hole on H			B = 74 2 holes on L		B = 74 C = (L - 2/(120 3 holes on L					
150											
200											
300											
400				A = (H + 2/(28 B = 74 1 holes onr H 2 holes on L		A = (H + 2/(28 B = 74 C = (L - 2/(120 1 hole on H 3 holes on L					
500											
600											
700	B = 74 C = (L - 2/(120 3 holes on L										
800											

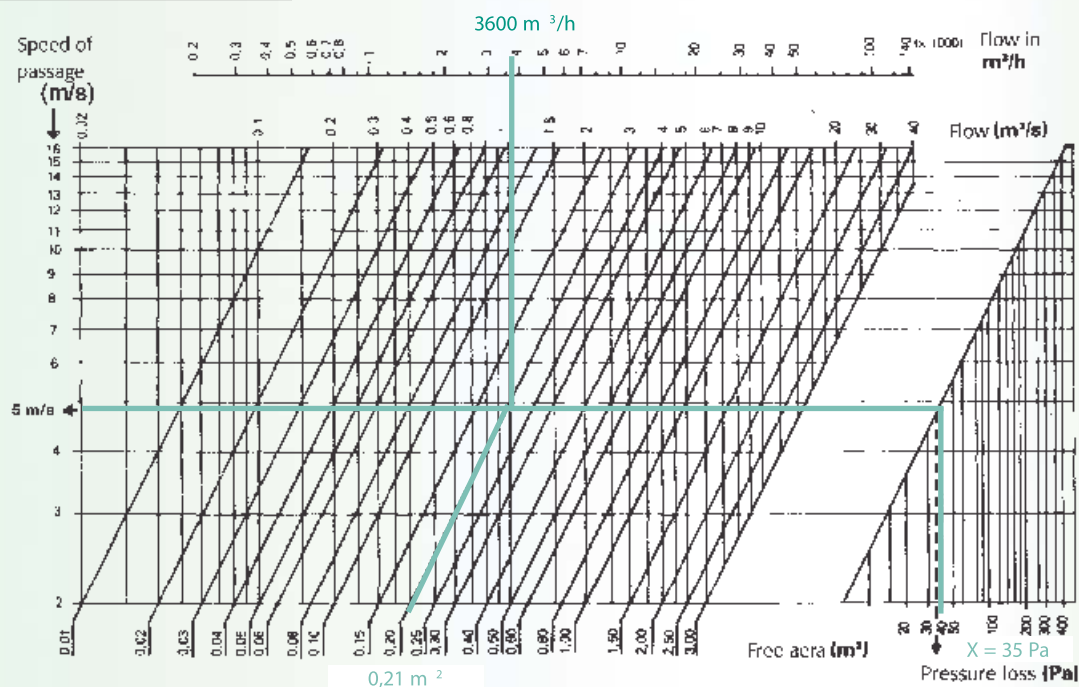
► Features

- Free area (m²) : Ak

Height (mm)	Width (mm)							
	150	200	300	400	500	600	700	800
100	0,001	0,008	0,012	0,017	0,024	0,028	0,04	0,05
150	0,013	0,017	0,025	0,03	0,04	0,05	0,06	0,07
200	0,018	0,02	0,03	0,04	0,06	0,07	0,08	0,09
300	0,027	0,035	0,05	0,07	0,09	0,10	0,12	0,14
400	0,036	0,045	0,07	0,09	0,12	0,14	0,17	0,19
500	0,045	0,06	0,09	0,12	0,15	0,18	0,21	0,24
600	0,05	0,07	0,10	0,13	0,18	0,21	0,25	0,29
700	0,06	0,08	0,11	0,16	0,21	0,25	0,3	0,33
800	0,07	0,09	0,13	0,18	0,24	0,3	0,34	0,4



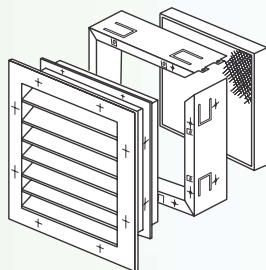
selection graph



Example for free area of 0,21 m² and flow of 3600 m³/s.
Δp = 35 Pa and passage speed = 5 m/s.

accessories

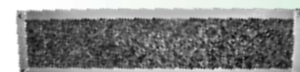
➤ Filter-casing for fresh air intake.



➤ steel mesh



➤ Fiber Filter



➤ Alum Filter

