

W0330

SURFACE MOUNTED ALUMINIUM EXTERNAL LOUVRE



VARIANTS

W0330

The aluminium external louvre for surface mounting, type W-330, is suitable for the intake or exhaust of smaller air volumes in airhandling systems. The Z-shaped blades with 33mm step provide good protection against rain. Optionally available with insect screen.

Weatherproof

Z-shaped blades under 60° with 33mm step

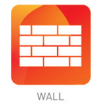
Surface mounted



RECTANGULAR



OUTDOOR



WALL



1 WAY THROW

TECHNICAL INFORMATION

APPLICATION	Type	Intake or exhaust
CONSTRUCTION	Center distance between blades	33mm, 60° deflection
	Min. Length	150mm
	Available steps in length	1mm
	Min. Height	150mm
	Available steps in height	10mm
	Max. length/height (unpainted)	2000x2000mm
	Max. length/height (painted version)	2000x1700 or 1700x2000mm
MATERIAL	Standard material	Anodized aluminium
	Standard finishing	Satin anodized 11µm
	Product finishing options	Powder coating RAL of choice
MOUNTING	Mounting options	Frame with pre-drilled screw holes

EFFECTIVE AIR DISCHARGE AREA

Supply/Exhaust A _e [m ²]										
H [mm]	L [mm]									
	150	200	300	400	500	600	700	800	900	1000
150	0.002	0.003	0.005	0.008	0.011	0.013	0.016	0.018	0.021	0.024
200	0.003	0.005	0.010	0.015	0.019	0.024	0.029	0.034	0.038	0.043
300	0.005	0.010	0.019	0.028	0.037	0.046	0.055	0.064	0.073	0.082
400	0.008	0.015	0.028	0.041	0.055	0.068	0.081	0.095	0.108	0.121
500	0.011	0.019	0.037	0.055	0.072	0.090	0.108	0.125	0.143	0.160
600	0.013	0.024	0.046	0.068	0.090	0.112	0.134	0.156	0.178	0.200
700	0.016	0.029	0.055	0.081	0.108	0.134	0.160	0.186	0.213	0.239
800	0.018	0.034	0.064	0.095	0.125	0.156	0.186	0.217	0.247	0.278
900	0.021	0.038	0.073	0.108	0.143	0.178	0.213	0.247	0.282	0.317
1000	0.024	0.043	0.082	0.121	0.160	0.200	0.239	0.278	0.317	0.356

QUICK SELECTION

Q _v [m ³ /h] Intake - v _{eff} =2,0m/s										
H [mm]	L [mm]									
	150	200	300	400	500	600	700	800	900	1000
150	14	21	36	57	79	93	115	129	151	172
200	21	36	72	108	136	172	208	244	273	309
300	36	72	136	201	266	331	396	460	525	590
400	57	108	201	295	396	489	583	684	777	871
500	79	136	266	396	518	648	777	900	1029	1152
600	93	172	331	489	648	806	964	1123	1281	1440
700	115	208	396	583	777	964	1152	1339	1533	1720
800	129	244	460	684	900	1123	1339	1562	1778	2001
900	151	273	525	777	1029	1281	1533	1778	2030	2282
1000	172	309	590	871	1152	1440	1720	2001	2282	2563

Q _v [m ³ /h] Discharge - v _{eff} =3,0m/s										
H [mm]	L [mm]									
	150	200	300	400	500	600	700	800	900	1000
150	21	32	54	86	118	140	172	194	226	259
200	32	54	108	162	205	259	313	367	410	464
300	54	108	205	302	399	496	594	691	788	885
400	86	162	302	442	594	734	874	1026	1166	1306
500	118	205	399	594	777	972	1166	1350	1544	1728
600	140	259	496	734	972	1209	1447	1684	1922	2160
700	172	313	594	874	1166	1447	1728	2008	2300	2581
800	194	367	691	1026	1350	1684	2008	2343	2667	3002
900	226	410	788	1166	1544	1922	2300	2667	3045	3423
1000	259	464	885	1306	1728	2160	2581	3002	3423	3844

PRODUCT KEY

SURFACE MOUNTED ALUMINIUM EXTERNAL LOUVRE WITH 33 MM STEP

W	0	3	3	0	-	0	4	0	0	0	4	0	0
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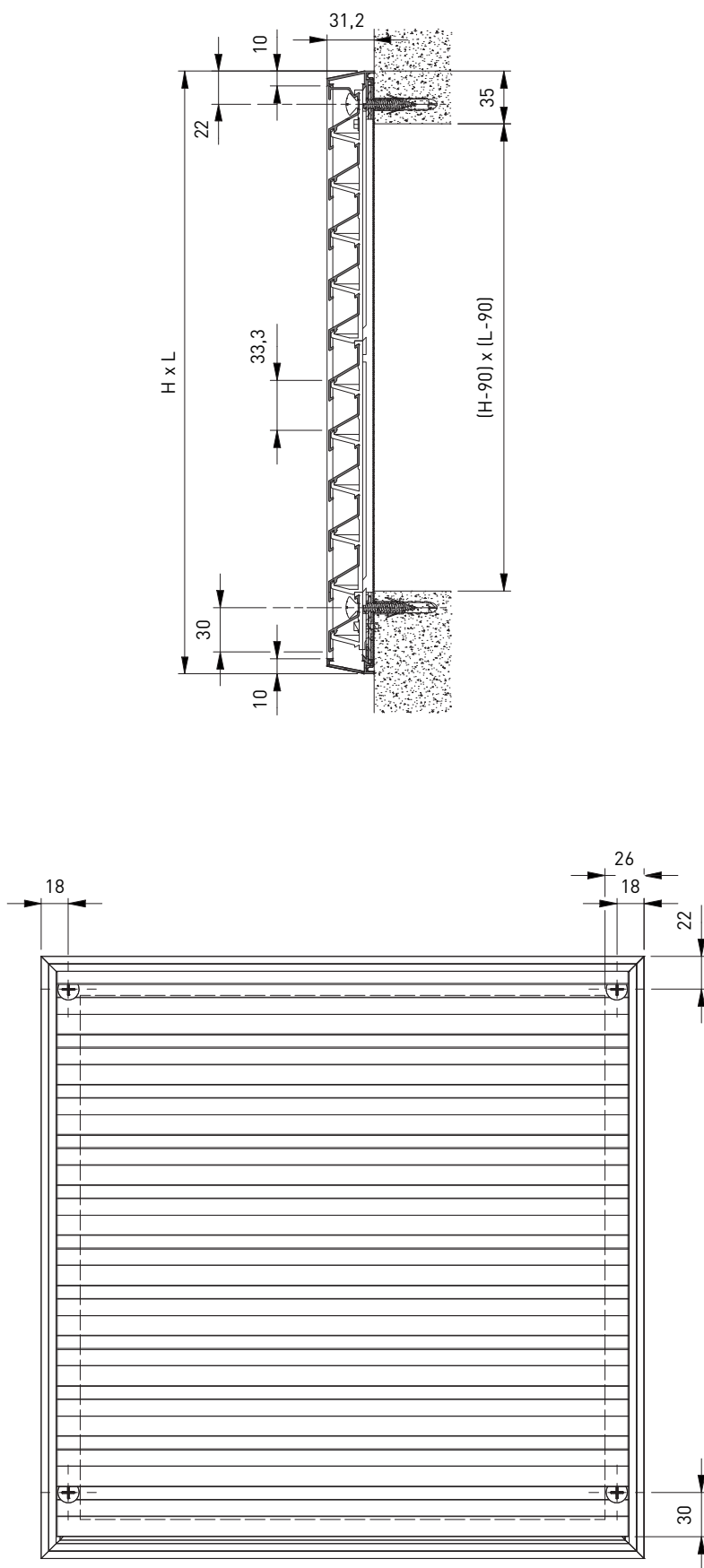
Nominal length L (mm):
From 100 to 2000mm,
per 1mm

Nominal height H (mm):
From 150 to 2000mm,
per 10mm

-: Anodized
F: Coated

0: Grille without insect screen
2: Grille with grey fibreglass insect screen, mesh size 1,6x1,4mm

Note:
Painted grilles max length or height <= 1700mm



SCREW HOLE LOCATION IN THE FRAME

