EGA50 Industrial exhaust aluminium grilles 50 mm pitch

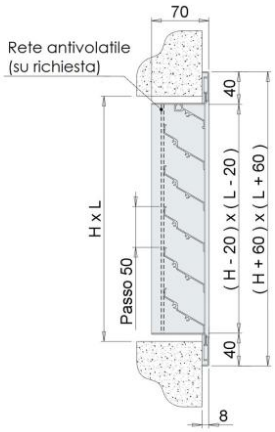


Description

Exhaust grilles consisting of a strong aluminium profile.
The fixed blades are inclined by 45° with a 50 mm pitch.

Characteristics

Material: aluminium.
Finish: natural anodised.
Installation: fastening by means of front screws. For greater flexibility of installation, the grilles are supplied without screw holes.



Use

Grille suitable for both air exhaust and expulsion. It can be used both inside and outside the building thanks to its special rainproof profile.

Accessories

- EPZ galvanised plenum;
- EPI insulated plenum;
- CTP counter-frame to set into wall.

On request

- Painting in different RAL colours;
- galvanised steel 100mm pitch (EGZ 100);
- rainproof panel;
- bird mesh.

Effective cross-section

H	L							
	400	600	800	1000	1200	1400	1600	1800
	effective cross-section m^2							
400	0,070	0,108	0,145	0,182	0,219	0,256	0,293	0,330
500	0,091	0,138	0,186	0,234	0,281	0,329	0,377	0,425
600	0,111	0,169	0,227	0,286	0,344	0,402	0,461	0,519
800	0,151	0,231	0,310	0,390	0,469	0,549	0,628	0,708
1000	0,191	0,292	0,393	0,493	0,594	0,695	0,796	0,896
1200	0,232	0,354	0,475	0,597	0,719	0,841	0,963	1,085
1500	0,292	0,446	0,599	0,753	0,907	1,061	1,214	1,368

Operating data

Vk: effective speed (m/s)
m^3/h: flow rate
Pa: pressure drops in Pascal
dB(A): noise level

L: base
H: height
All dimensions are expressed in mm

H	Vk m/s	L							
		400	600	800	1000	1200	1400	1600	1800
		flow rate m^3/h							
400	4	1015	1550	2085	2620	3150	3685	4220	4755
	6	1520	2325	3125	3930	4730	5530	6330	7130
	8	2030	3100	4165	5235	6305	7375	8440	9510
500	4	1300	1990	2680	3365	4055	4740	5425	6115
	6	1960	2990	4020	5050	6080	7110	8140	9170
	8	2610	3985	5360	6730	8105	9480	10850	12225
600	4	1595	2435	3275	4115	4950	5795	6630	7470
	6	2390	3650	4910	6170	9820	8690	9950	11205
	8	3190	4870	6550	8225	9905	11585	13265	14945
800	4	2175	3320	4465	5610	6755	7900	9045	10190
	6	3260	4980	6695	8415	10130	11850	13565	15285
	8	4350	6640	8930	11220	13510	15800	18090	20375
1000	4	2755	4205	5655	7105	8555	10000	11455	12905
	6	4130	6310	8485	10660	12830	15000	17185	19360
	8	5510	8410	11310	14210	17110	20000	22910	25810
1200	4	3335	5090	6845	8601	10360	12110	13865	15620
	6	5000	7635	10270	12900	15535	18170	20800	23435
	8	6670	10180	13690	17200	20710	24225	27735	31245
1500	4	4205	6420	8630	10845	13060	15270	17485	19700
	6	6310	9630	12950	16270	19590	22905	26225	29550
	8	8410	12840	17265	21690	26115	30545	34970	39400

Noise level dB(A)

Vk m/s	dB(A)
4	25/30
6	35/45
8	45/50

Pressure drop (Pa)

Vk m/s	Pa
4	16
6	45
8	80

CTP counter-frame



Price list

Notes :
- with bird mesh + 20 %
- with rainproof profile +10%
- mosquito mesh price on request.
- RAL painting : price on request

EGA50 grille								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	euro	euro	euro	euro	euro	euro	euro	euro
400	100,65	107,89	116,08	124,23	155,84	173,43	192,32	209,86
500	108,79	123,30	138,74	152,32	184,16	205,02	227,34	248,21
600	115,16	137,84	161,41	183,16	212,47	238,22	262,36	286,51
800	127,83	168,65	204,93	242,06	281,06	319,17	356,35	394,42
1000	146,89	195,85	254,79	302,86	357,24	408,94	463,34	515,90
1200	173,73	224,86	292,85	361,77	448,81	501,43	598,58	636,39
1500	211,43	267,47	359,08	449,73	541,30	633,79	726,25	815,12

CTP counter-frame

CTP counter-frame								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	euro	euro	euro	euro	euro	euro	euro	euro
400	47,67	65,34	68,83	72,57	86,84	101,32	115,71	130,20
500	56,50	66,96	70,97	81,41	97,65	113,91	129,97	146,22
600	65,34	68,83	78,33	96,47	115,70	134,99	154,33	173,61
800	68,83	78,33	104,47	128,62	154,29	179,98	205,76	231,48
1000	72,57	96,47	128,62	160,76	192,86	224,99	257,21	289,36
1200	86,84	115,70	154,29	192,86	231,43	269,98	308,65	347,22
1500	108,49	144,67	192,90	241,12	289,36	337,57	385,82	434,03