EGZ100 Industrial exhaust steel grilles 100 mm pitch



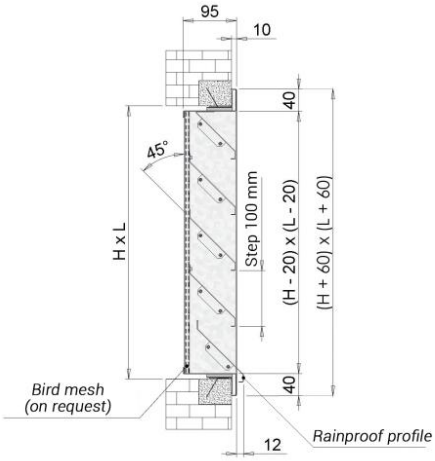
Description

Exhaust grilles consisting of a strong steel profile.
The blades are inclined by 45° with a 100 mm pitch.

Characteristics

Material: steel.
Finish: galvanised.
Installation: fastening by means of front screws.

Dimensions achievable in one piece:
- min. base 200 mm x height 200 mm;
- max. base 2500 mm x height 2000 mm.



Use

For both air exhaust and expulsion. They can be used both inside and outside buildings thanks to their special rainproof profile.

Accessories

CTP: counter-frame to set into wall.

On request

- Painting in different RAL colours;
- bird mesh.

Effective cross-section

H	L							
	600	800	1000	1200	1400	1600	1800	2000
	effective cross-section m²							
600	0,147	0,198	0,248	0,299	0,350	0,401	0,451	0,502
800	0,211	0,284	0,356	0,429	0,502	0,574	0,647	0,720
1000	0,275	0,369	0,464	0,559	0,653	0,748	0,843	0,938
1200	0,338	0,455	0,572	0,689	0,805	0,922	1,039	1,155
1400	0,402	0,541	0,680	0,818	0,957	1,096	1,234	1,373
1600	0,466	0,627	0,787	0,948	1,109	1,270	1,430	1,591
1800	0,530	0,713	0,895	1,078	1,261	1,443	1,626	1,809

Operating data

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

L: base (blade length)
H: height
All dimensions are expressed in mm

H	Vk m/s	L							
		600	800	1000	1200	1400	1600	1800	2000
		flow rate m^3/h							
600	4	2115	2845	3575	4305	5035	5765	6500	7230
	6	3175	4270	5365	6460	7555	8650	9745	10840
800	4	3035	4085	5130	6175	7225	8270	9315	10365
	6	4555	6125	7695	9265	10835	12405	13975	15545
1000	4	3955	5320	6680	8045	9410	10775	12135	13500
	6	5930	7980	10020	12070	14115	16160	18205	20250
1200	4	4870	6555	8235	9915	11595	13275	14955	16635
	6	7310	9830	12350	14870	17395	19914	22435	24955
1400	4	5790	7790	9785	11785	13780	15780	17775	19775
	6	8690	11685	14680	17675	20670	23670	26665	29660
1600	4	6710	9025	11340	13655	15965	18280	20595	22910
	6	10065	13535	17010	20480	23950	27420	30895	34365
1800	4	7630	10260	12890	15520	18155	20785	23415	26045
	6	11445	15390	19335	23285	27230	31175	35125	39070

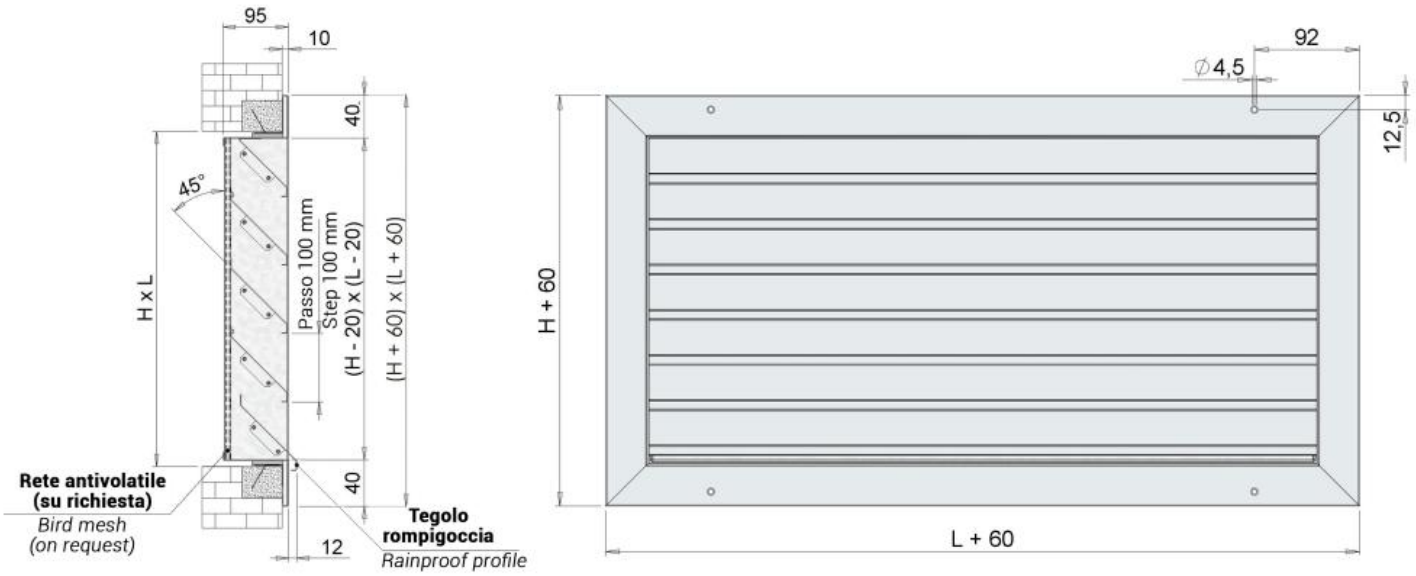
Noise level dB(A)

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

Configuration



CTP counter-frame



Price list

Notes:
- with bird mesh +20%
- painted RAL: price on request

EGZ100 grille								
H	L							
	600	800	1000	1200	1400	1600	1800	2000
	euro	euro	euro	euro	euro	euro	euro	euro
600	106,38	124,66	142,95	159,01	177,27	194,47	212,74	229,89
800	122,61	155,55	184,15	212,72	241,31	268,81	298,50	327,11
1000	144,08	182,99	221,85	261,89	298,50	334,00	377,42	417,48
1200	165,85	213,91	264,17	316,79	367,15	414,01	465,49	513,54
1400	186,42	242,48	301,89	366,00	425,46	486,06	550,14	607,30
1600	209,29	267,61	337,40	414,01	480,31	555,87	632,66	677,13
1800	232,18	291,68	371,69	457,46	533,02	632,66	712,49	792,58

CTP counter-frame

CTP counter-frame								
H	L							
	600	800	1000	1200	1400	1600	1800	2000
	euro	euro	euro	euro	euro	euro	euro	
600	68,83	78,33	96,47	115,70	134,99	154,33	173,61	192,90
800	78,33	104,47	128,62	154,29	179,98	205,76	231,48	257,21
1000	96,47	128,62	160,76	192,86	224,99	257,21	289,36	321,51
1200	115,70	154,29	192,86	231,43	269,98	308,65	347,22	385,82
1400	134,99	179,98	224,99	269,98	314,98	360,09	405,10	450,12
1600	154,33	205,76	257,21	308,65	360,09	411,55	462,97	514,40
1800	173,61	231,48	289,36	347,22	405,10	462,97	520,84	578,72