EGZ50 Industrial exhaust steel grilles 50 mm pitch



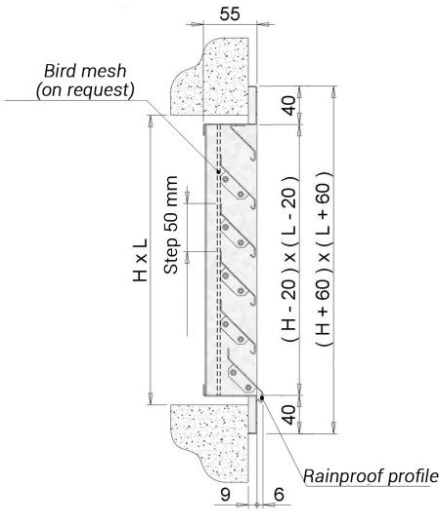
Description

Exhaust grilles consisting of a strong steel profile.
The blades are inclined by 45° with a 50 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

Grille suitable 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							
	400	600	800	1000	1200	1400	1600	1800
	effective cross-section m^2							
400	0,067	0,102	0,138	0,173	0,208	0,243	0,279	0,314
500	0,087	0,132	0,178	0,224	0,270	0,315	0,361	0,407
600	0,107	0,163	0,219	0,275	0,331	0,387	0,443	0,499
800	0,146	0,223	0,300	0,377	0,454	0,530	0,607	0,684
1000	0,186	0,283	0,381	0,479	0,576	0,674	0,772	0,869
1200	0,225	0,344	0,462	0,581	0,699	0,818	0,936	1,054
1500	0,284	0,434	0,584	0,733	0,883	1,033	1,182	1,332

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	965	1475	1980	2490	2995	3505	4015	4520
	6	1450	2210	2970	3735	4495	5260	6020	6780
	8	1930	2950	3965	4980	5995	7010	8025	9045
500	4	1250	1910	2565	3225	3880	4540	5195	5855
	6	1875	2860	3850	4835	5820	6810	7795	8780
	8	2500	3815	5130	6445	7760	9080	10395	11710
600	4	1535	2345	3150	3955	4765	5570	6380	7185
	6	2300	3515	4725	5935	7145	8360	9570	10780
	8	3070	4685	6300	7915	9530	11145	12760	14375
800	4	2105	3210	4320	5425	6530	7640	8750	9855
	6	3155	4815	6475	8135	9800	11460	13120	14780
	8	4205	6420	8635	10850	13065	15280	17490	19710
1000	4	2675	4080	5485	6895	8300	9705	11110	12520
	6	4010	6120	8230	10340	12450	14560	16670	18780
	8	5345	8160	10970	13785	16600	19410	22225	25040
1200	4	3245	4950	6655	8360	10065	11775	13480	15185
	6	4860	7420	9980	12540	15100	17660	20220	22780
	8	6485	9895	10310	16720	20130	23545	26960	30370
1500	4	4095	6250	8405	10560	12715	14870	17030	19185
	6	6145	9375	12610	15840	19075	22310	25540	28775
	8	8190	12500	16810	21120	25435	29745	34055	38365

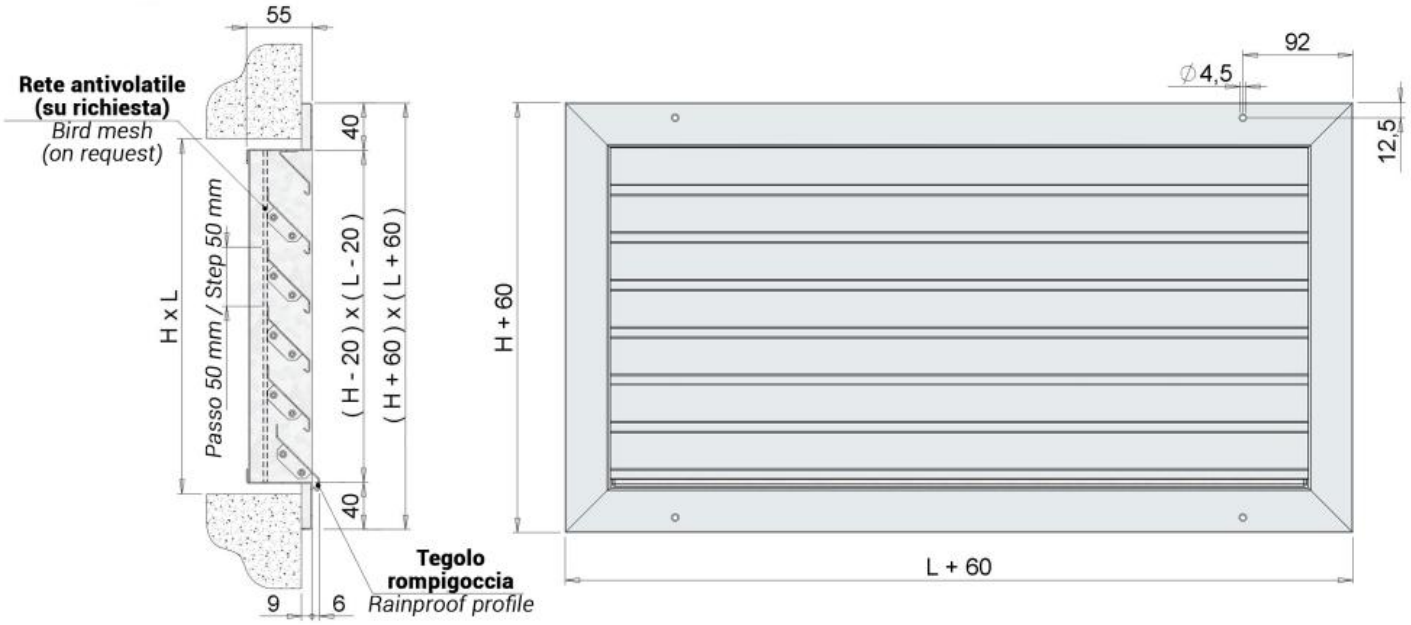
Noise level dB(A)

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%
- mosquito mesh price on request
- painted RAL 9016 +30%
- painted other RAL price on request

EGZ50 grille								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	euro	euro	euro	euro	euro	euro	euro	euro
400	81,18	86,92	92,62	98,36	106,11	114,70	127,88	136,43
500	86,92	101,70	110,95	123,51	134,94	147,51	159,01	171,53
600	91,47	109,77	126,96	146,41	162,41	181,86	199,00	217,32
800	101,76	131,51	162,52	192,10	223,01	252,77	281,34	312,20
1000	120,30	154,40	196,72	239,05	282,46	321,35	364,82	407,17
1200	140,20	178,42	231,00	285,91	341,95	395,70	447,18	503,26
1500	170,02	212,74	284,78	356,81	428,88	498,67	572,98	643,93

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