EGA50-3F EGA50-4F Aluminium intake grilles, 50 mm pitch, with 48 mm thick filter

Description

Return grilles with coarse filter 48 mm thick made of sturdy aluminum profile. The fixed fins are inclined at 45° with a 50 mm pitch.

Characteristics

Material: aluminum.

Finish: natural anodized.

Installation: fixing with screws in the subframe.

Closure: with screw.

Use

Grille suitable for air intake.

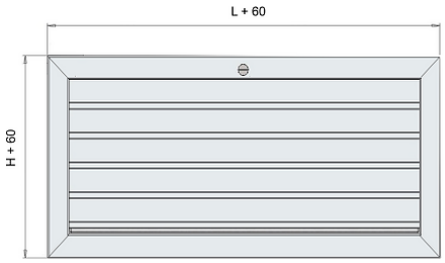
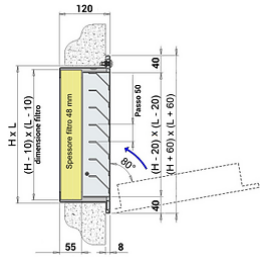
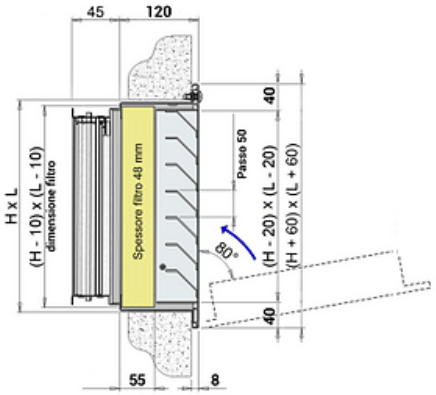
Models

- EGA50-3F: 50 mm pitch aluminium intake grilles with special subframe fixed with hinges to the grill frame to allow easy maintenance of the filter. 48 mm thick filter (EXCLUDED, TO BE ORDERED SEPARATELY).
- EGA50-4F: 50 mm pitch aluminium intake grilles with damper and special subframe fixed with hinges to the grill frame to allow easy maintenance of the filter. 48 mm thick filter and SC regulation damper (FILTER EXCLUDED, TO BE ORDERED SEPARATELY).

On demand

- Personalized paintings;
- Rain proof panel.

Dimensions

Technical Drawing		
Front View	EGA50-3F	EGA50-4F
		

Effective Cross-Section

H	L							
	400	600	800	1000	1200	1400	1600	1800
	Effective Cross-Section (m2)							
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).
- m³/h: air flow on the filter.
- Pa: pressure drop in Pascal.
- dB(A): noise level.
- L: base. H: Height.

Dimensions are expressed in mm.

H	Vk m/s	L							
		400	600	800	1000	1200	1400	1600	1800
		Flow Rate m^3/h							
400	1,5	1640	2484	3325	4170	5010	5855	6695	7540
	2	2190	3310	4435	5560	6680	7805	8930	10050
500	1,5	2065	3120	4180	5240	6295	7355	8410	9470
	2	2750	4160	5570	6985	8395	9805	11220	12630
600	1,5	2485	3760	5030	6310	7580	8855	10130	11405
	2	3310	5010	6710	8410	10110	11810	13505	15205
800	1,5	3325	5030	6740	8450	10150	11860	13565	15270
	2	4435	6710	8985	11260	13535	15810	18085	20360
1000	1,5	4170	6305	8445	10585	12720	14860	17000	19140
	2	5560	8410	11260	14110	16960	19815	22665	25515
1200	1,5	4985	7582	10150	12720	15290	17865	20435	23005
	2	6650	10110	13535	16960	20390	23820	27245	30670
1500	1,5	6275	9490	12712	15930	19150	22365	25585	28805
	2	8366	12660	16950	21240	25530	29820	34115	38405

Noise Level dB(A) - Pressure Drop (Pa)

Vk m/s	dB(A)	Pa
1,5	35/45	77
2	45/50	130

EGA50-3F Price List Without Filter

Notes :

- with rainproof profile +10%;
- RAL painting : price on request.

EGA50-3F								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	€	€	€	€	€	€	€	€
400	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-
600	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-

EGA50-4F Price list Without Filter

EGA50-4F								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	€	€	€	€	€	€	€	€
400	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-
600	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-

Price List Filter Thickness 48 mm

The actual filter dimensions are 10 mm smaller than the nominal dimensions shown in the following table.
The filtration grade is ISO coarse (G4).

48 mm Thick Filter EGA50-3F – EGA50-4F								
H	L							
	400	600	800	1000	1200	1400	1600	1800
	€	€	€	€	€	€	€	€
400	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-
600	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-