

EGA50-3S Aluminium intake or exhaust grilles, 50 mm pitch, with overpressure damper



Description

Air intake or exhaust grilles made of sturdy aluminum profile with overpressure damper. The fixed fins are inclined at 45° with a 50 mm pitch.

Characteristics

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

Use

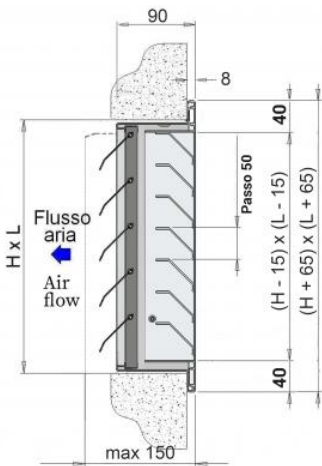
Grille suitable for air intake or expulsion.

Models

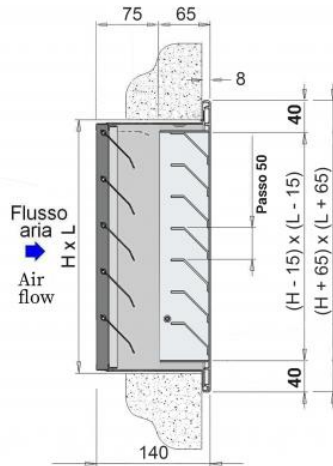
EGA50-3SA: 50 mm pitch aluminium intake grilles with overpressure damper.
EGA50-3SE: 50 mm pitch aluminium exhaust grilles with overpressure damper.

On demand

- Personalized paintings;
- rain proof panel;
- bird mesh;
- mosquito mesh.



EGA50-3SA



EGA50-3SE



Effective cross section grilles

| H | L | | | | | | | |
|------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |
| | effective 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)
m³/h: air flow
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 |
| | | air flow m³/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 | 7430 | 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 | 10005 | 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 | 26/35 |
| 6 | 37/46 |
| 8 | 46/51 |

Pressure drop (Pa)

| Vk m/s | Pa |
|--------|-----|
| 4 | 34 |
| 6 | 68 |
| 8 | 109 |

Price list EGA50-3SA (INTAKE)

Notes :

- with bird mesh + 30 %
- with rainproof profile +10%
- mosquito mesh price on request.
- RAL painting : price on request.

| grilles EGA50-3SA | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| H | L | | | | | | | |
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |
| | euro | euro | euro | euro | euro | euro | euro | euro |
| 400 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 500 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 600 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 800 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1000 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1200 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1500 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |

Price list EGA50-3SE (EXHAUST)

Notes :

- with bird mesh + 30 %
- with rainproof profile +10%
- mosquito mesh price on request.
- RAL painting : price on request.

| grilles EGA50-3SE | | | | | | | | |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| H | L | | | | | | | |
| | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |
| | euro | euro | euro | euro | euro | euro | euro | euro |
| 400 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 500 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 600 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 800 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1000 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1200 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |
| 1500 | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v | a.r. v |