

# EVCL Fan boxes

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## Description

Soundproof ventilating boxes, for ventilation or air extraction systems.

## Characteristics

Galvanized steel sheet structure with thermal and acoustic insulation.

Made of galvanized steel, forward-curved impeller, directly coupled enclosed motor, with integrated thermal protection, insulation class F and protection rating IP54.

Cable gland for power supply cable included in the casing.

Operating Air Temperature: -20 °C to +60 °C.

Finish: Corrosion-resistant galvanized steel sheet.

## use

Aspirazione o immissione di aria pulita o leggermente polverosa. Portate da 1000 a 5000 m<sup>3</sup>/h e pressioni statiche fino a 450 Pa.

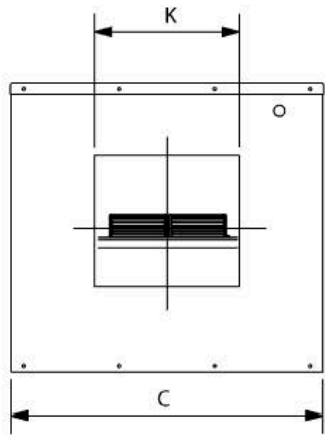
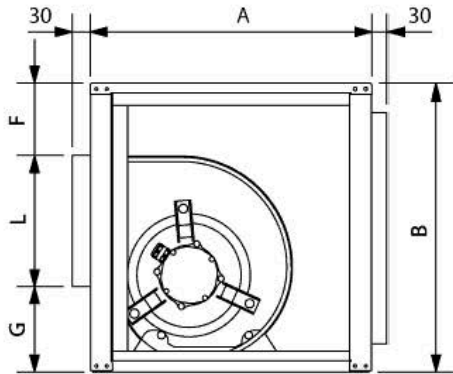
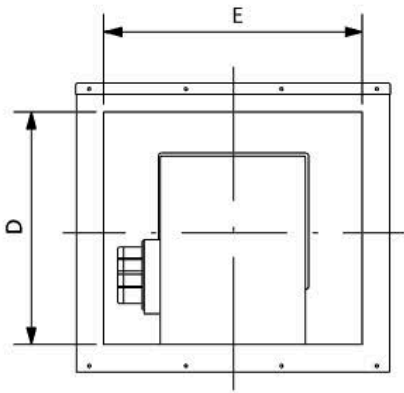
## Accessories

- RCS - Speed controls;
- Roof protection T- EVCL;
- Hood with bird mesh C- EVCL;
- Threaded bars EBF;

Dimensions

All dimensions are express in mm.

| Models     | A   | B   | C   | D   | E   | F   | G   | L   | K   | Weight (kg) |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| EVCL 7/7   | 450 | 460 | 500 | 370 | 410 | 115 | 135 | 210 | 232 | 20          |
| EVCL 7/7   | 450 | 460 | 500 | 370 | 410 | 115 | 135 | 210 | 232 | 20          |
| EVCL 9/9   | 500 | 522 | 550 | 426 | 454 | 107 | 147 | 268 | 303 | 29          |
| EVCL 10/10 | 550 | 575 | 600 | 479 | 504 | 104 | 177 | 294 | 330 | 33          |
| EVCL 10/10 | 550 | 575 | 600 | 479 | 504 | 104 | 177 | 294 | 330 | 34          |
| EVCL 12/12 | 650 | 650 | 700 | 554 | 604 | 105 | 198 | 347 | 392 | 48          |



Technical Features

| Models     | Nominal mechanical power | Nominal electrical power | Nr. Poli | Nr. Velocità | Power Supply | Maximum Current Draw | Sound power(LwA) | Fan Type | Speed Control |
|------------|--------------------------|--------------------------|----------|--------------|--------------|----------------------|------------------|----------|---------------|
|            | W                        | W                        |          |              |              | A                    | dB(A)            |          |               |
| EVCL 7/7   | 80                       | 80                       | 6        | 1            | 230V-1F-50Hz | 0,85                 | 64               | CHIUSO   | RCS300        |
| EVCL 7/7   | 150                      | 180                      | 4        | 1            | 230V-1F-50Hz | 1,4                  | 69               | CHIUSO   | RCS300        |
| EVCL 9/9   | 550                      | 660                      | 4        | 1            | 230V-1F-50Hz | 4,5                  | 81               | CHIUSO   | RCS900        |
| EVCL 10/10 | 250                      | 329                      | 6        | 1            | 230V-1F-50Hz | 2,2                  | 72               | CHIUSO   | RCS600        |
| EVCL 10/10 | 550                      | 789                      | 4        | 1            | 230V-1F-50Hz | 4,5                  | 81               | CHIUSO   | RCS900        |
| EVCL 12/12 | 750                      | 887                      | 6        | 1            | 230V-1F-50Hz | 6                    | 81               | CHIUSO   | RCS210        |

Air Flow

You can find the performance curves and the noise spectrum in the technical datasheet available in the “Documentation” section.

| Models     | W   | Nr. Poli | Nr. Velocità | Static Pressure (Pa) |      |      |      |      |      |      |      |      |      |     |
|------------|-----|----------|--------------|----------------------|------|------|------|------|------|------|------|------|------|-----|
|            |     |          |              | 50                   | 75   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500 |
|            |     |          |              | Flow Rate (m³/h)     |      |      |      |      |      |      |      |      |      |     |
| EVCL 7/7   | 80  | 4        | 1            | 1430                 | 1108 | 818  |      |      |      |      |      |      |      |     |
| EVCL 7/7   | 150 | 6        | 1            |                      |      | 1600 | 1470 | 1286 | 721  | 115  |      |      |      |     |
| EVCL 9/9   | 550 | 4        | 1            | 3802                 | 3730 | 3670 | 3445 | 3260 | 2950 | 2540 | 1525 | 635  | 205  |     |
| EVCL 10/10 | 250 | 4        | 1            |                      |      | 3350 | 2995 | 2255 | 235  |      |      |      |      |     |
| EVCL 10/10 | 550 | 6        | 1            |                      |      |      |      |      |      |      | 3500 | 3455 | 2891 | 920 |
| EVCL 12/12 | 750 | 6        | 1            |                      |      |      |      | 5650 | 5000 | 3680 | 1380 | 603  |      |     |

Price List

| Models     | W   | Nr. Poli | EVCL | Speed Control | T- EVC Roof protection | C-EVC Hood with bird mesh | EBF Threated bars |
|------------|-----|----------|------|---------------|------------------------|---------------------------|-------------------|
|            |     |          | euro | euro          | euro                   | euro                      | euro              |
| EVCL 7/7   | 150 | 4        | -    | -             | -                      | -                         | -                 |
| EVCL 7/7   | 80  | 6        | -    | -             | -                      | -                         | -                 |
| EVCL 9/9   | 550 | 4        | -    | -             | -                      | -                         | -                 |
| EVCL 10/10 | 550 | 4        | -    | -             | -                      | -                         | -                 |
| EVCL 10/10 | 250 | 6        | -    | -             | -                      | -                         | -                 |
| EVCL 12/12 | 750 | 6        | -    | -             | -                      | -                         | -                 |