**Sound-insulated ventilation box ESR 16-2 EC**

Features

Low energy consumption thanks to EC technology.

Low power consumption especially in control range.

Quick, economical installation with standard angle bracket.

Removable housing cover with clip-locks.

Inlet and outlet side connection socket for direct installation in ventilation ducts.

With 40 mm sound absorbing rock wool, laminated with silk glass, to meet the increased requirements of especially low noise levels.

Centrifugal impellers with blades bent forwards with ESR 12-2 EC and ESR 16-2 EC.

Centrifugal impellers with blades bent backwards with ESR 20-2 EC, ESR 25-2 EC and ESR 31-2 EC.

Simple cleaning thanks to hinged cover.

Motor

DC motor.

Robust motor with ball bearings, maintenance-free.

Insulation class B.

IP X4 degree of protection with closed housing cover.

Mounting information

Can be fitted in any position.

Electrical connection

Terminal box at front.

Safety instructions

The fan may be operated only if the protection against accidental contact with the impeller is guaranteed to be in accordance with DIN EN ISO 13857 for fans with free inlet or outlet. To do this, fit a protective grille.

Technical data

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| Article: | ESR 16-2 EC |
| Air flow volume: | 430 m³/h |
| Rotating speed: | 1.960 1/min |
| Speed controllable: | ✔ |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Nominal output: | 35 W |
| Inom: | 0,25 A |
| Imax: | 0,35 A |
| Degree of protection: | IP 44 |
| Insulation class: | B |
| Installation position: | vertical / horizontal |
| Material: | Sheet steel, galvanised |
| Housing material: | Sheet steel, galvanised |
| Colour: | Silver |
| Weight: | 12,4 kg |
| Weight including packaging: | 13,92 kg |
| Swivelling fan: | ✔ |
| Nominal size: | 160 mm |
| Width: | 380 mm |
| Height: | 232 mm |
| Depth: | 447 mm |
| Width with packaging: | 400 mm |
| Height with packaging: | 270 mm |
| Depth with packaging: | 555 mm |
| Airstream temperature at IMax: | -20 °C up to 50 °C |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799807117 |
| Article number: | 0080.0711 |

Manufacturer: MAICO

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