**Sound-insulated ventilation box ESR 12 EC**

Features

Low energy consumption thanks to EC technology.

Low power consumption especially in control range.

Quick economical installation with standard fixing bracket.

Removable housing cover with clip-locks.

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

With 50 mm sound absorbing rock wool, laminated with silk glass, to meet the increased requirements of especially low noise levels.

Centrifugal impeller with backwards curved blades.

Simple cleaning thanks to hinged cover.

Air flow direction

The airsteam direction is indicated by an arrow marked on the housing.

Motor

DC motor.

Robust motor with ball bearings, maintenance-free.

Temperature class B.

IP X4 degree of protection with closed housing cover.

Mounting instructions

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

|  |  |
| --- | --- |
| Article: | ESR 12 EC |
| Air flow volume: | 480 m³/h |
| Rotating speed: | 3.440 1/min |
| Speed controllable: | ✔ |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 106 W |
| Power consumption: | 106 W |
| Inom: | 0,8 A |
| Imax: | 0,9 A |
| Degree of protection: | IP X4 |
| Insulation class: | F |
| Installation position: | vertical / horizontal |
| Material: | Sheet steel, galvanised |
| Housing material: | Sheet steel, galvanised |
| Colour: | Silver |
| Weight: | 12,1 kg |
| Weight including packaging: | 13,25 kg |
| Swivelling fan: | ✔ |
| Nominal size: | 125 mm |
| Width: | 380 mm |
| Height: | 232 mm |
| Depth: | 460 mm |
| Width with packaging: | 395 mm |
| Height with packaging: | 275 mm |
| Depth with packaging: | 565 mm |
| Airstream temperature at nominal current: | -20 °C up to 60 °C |
| Ambient temperature: | -15 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799800842 |
| Article number: | 0080.0084 |

Manufacturer: MAICO

ESR 12 EC Sound-insulated ventilation box