**Sound-insulated ventilation box ESR 31-2**

Features

With 50 mm sound absorbing mineral fibre plates to meet the increased requirements for especially low noise levels.

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

Removable housing cover fitted with clip-locks - enables easy and quick cleaning of the ventilation box.

Centrifugal impeller made of galvanised steel, with forward curved blades.

Statically and dynamically balanced in accordance with DIN ISO 1940, balance quality 6.3.

Air flow direction

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

Motor

External rotor - capacitor motor.

Thermal overload protection as standard feature.

Robust motor with ball bearings, maintenance-free.

Temperature classes B or F.

IP 44 degree of protection for closed housing covers as well as duct connections fitted on the inlet and outlet sides.

There can be a physically induced humming noise, through the use of phase angle technology. 5-step transformers are therefore used for speed control in rooms requiring quiet fan operations.

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

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| Article: | ESR 31-2 |
| Air flow volume: | 2.000 m³/h Required Delta p<sub>st</sub> min = 100 Pa |
| Rotating speed: | 1.940 1/min |
| Speed controllable: | ✔ |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Nominal output: | 520 W |
| Inom: | 2,4 A |
| Imax: | 2,7 A |
| Degree of protection: | IP X4 |
| Insulation class: | F |
| Housing material: | Sheet steel, galvanised |
| Weight: | 24,8 kg |
| Weight including packaging: | 27,05 kg |
| Nominal size: | 315 mm |
| Width with packaging: | 685 mm |
| Height with packaging: | 420 mm |
| Depth with packaging: | 555 mm |
| Airstream temperature at nominal current: | -20 °C up to 50 °C |
| Airstream temperature at IMax: | -20 °C up to 50 °C |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799806141 |
| Article number: | 0080.0614 |

Manufacturer: MAICO

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