**Centrifugal duct fan ERR 10/1 EC**

Features

Efficient centrifugal duct fan made of powder-coated sheet steel.

Suitable for industrial and residential installations.

Centrifugal impeller with backwards curved blades.

Quiet and powerful.

Reduced space requirement due to compact dimensions.

For direct installation between ducts, for ventilation or air extraction, depending on the installation position.

Round connection sockets on inlet and outlet side adapted to standard ducts.

Mounting foot available as accessory.

Air flow direction

Airstream and direction of rotation are marked by arrows on the fan housing.

Motor

Single-phase AC motor.

Highly efficient EC motor.

Steplessly speed-controllable.

Robust motor with ball bearings, maintenance-free.

IP X4 degree of protection when installed in ventilation ducts with at least 1 m of duct on the inlet and outlet sides.

Installation instructions

Can be fitted in any position.

Use optional ELR flexible cuffs to prevent transfer of vibrations to the duct system.

Electrical connection

Externally fitted terminal box with cable entry grommet.

Safety instructions

The fan may only be operated if the protection against accidental contact of the impeller is guaranteed in accordance with DIN EN ISO 13857 for free inlet fans.

Technical data

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| Article: | ERR 10/1 EC |
| Air flow volume: | 320 m³/h |
| Rotating speed: | 3.395 1/min |
| Impeller type: | radial |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| SEC average: | -26 kWh/(m²\*a) |
| Energy efficiency class: | C |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 77 W |
| Imax: | 0,7 A |
| Degree of protection: | IP X4 |
| Insulation class: | F |
| Pole-changeable: | - |
| Installation site: | Duct |
| Installation position: | vertical / horizontal |
| Material: | Sheet steel, powder coated |
| Housing material: | Sheet steel, powder coated |
| Colour: | Light grey |
| Weight: | 3,2 kg |
| Weight including packaging: | 3,4 kg |
| Nominal size: | 100 mm |
| Width: | 215 mm |
| Height: | 269 mm |
| Depth: | 245 mm |
| Width with packaging: | 310 mm |
| Height with packaging: | 310 mm |
| Depth with packaging: | 270 mm |
| Airstream temperature at IMax: | 60 °C |
| Sound pressure level: | 39 dB(A) Distance 3 m, Free-field conditions |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799735663 |
| Article number: | 0073.0566 |

Manufacturer: MAICO

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