**Centrifugal roof fan EHD 31**

Features

Space-saving roof fan with extremely compact dimensions.

For air extraction.

Attractive housing made of galvanised and powder-coated sheet steel.

Cover made of aluminium.

The cover is easily detachable for cleaning purposes.

Coated grille protecting against intervention.

Centrifugal impeller with backwards curved blades.

IP X5 degree of protection.

Motor

External rotor - capacitor motor.

Operating capacitor in the terminal box is ready to be connected.

Speed controllable.

Thermal overload protection as standard feature.

Robust motor with ball bearings, maintenance-free.

Mounting instructions

Thanks to its low weight, cranes or goods lifts are not needed to transport the EHD on to the roof.

Electrical connection

Connection to terminal block in the housing.

Safety instructions

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

Technical data

|  |  |
| --- | --- |
| Article: | EHD 31 |
| Air flow volume: | 1.160 m³/h |
| Impeller type: | radial |
| Speed controllable: |  ✔  |
| Reversing capacity: |  -  |
| SEC average: | -24 kWh/(m²\*a) |
| Energy efficiency class: | C |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Nominal output: | 247 W |
| Imax: | 1,1 A |
| Degree of protection: | IP X5 |
| Pole-changeable: |  -  |
| Mains cable: | 3 x 1,5 mm² |
| Installation site: | Roof |
| Installation position: | vertical |
| Material: | Sheet steel, galvanised |
| Weight: | 9,8 kg |
| Weight including packaging: | 11,4 kg |
| Nominal size: | 315 mm |
| Width: | 484 mm |
| Height: | 484 mm |
| Depth: | 358 mm |
| Width with packaging: | 555 mm |
| Height with packaging: | 575 mm |
| Depth with packaging: | 415 mm |
| Airstream temperature at IMax: | -20 °C up to 60 °C |
| Sound pressure level: | 55 dB(A) Distance 3 m, Free-field conditions |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799873068 |
| Article number: | 0087.0306 |

Manufacturer: MAICO

EHD 31 Centrifugal roof fan