**Small room fan ECA 120 F**

Model with light control

Barrier-free product, as automatic switching on/off is possible via the light control.

The light control switches on the fan when the minimum light intensity in the room is exceeded, e.g. when a light is switched on.

Min. 30 lux switch-on brightness (on unit).

Max. 0.3 lux switch-off brightness (on unit).

No need to install a switch.

Start delay approx. 50 sec.

Overrun time approx. 6 min.

Switching option: The fan can be switched off independently of the room lighting by an additional switch (see the wiring diagrams online).

Not speed controllable.

Features

High air volume in spite of compact size.

Combines large air volumes with pressure intensity.

Thermal overload protection.

Housing made of impact resistant plastic material.

Protection class II.

With VDE-GS symbol, exception: ECA 120 24 V.

With protective seals to stop ingress of condensation for ceiling installations.

Optional speed control for standard ECA fan models.

Colour: traffic white, similar to RAL 9016.

Motor

Robust motor with ball bearings, maintenance-free.

Suitable for continuous operation.

Mounting instructions

Easy and quick cover dismantling.

The fan can be fastened quickly in the duct by the two spring-clamps.

Electrical connection

Electrical connection can be either surface- or recessed-mounted.

Safety instructions

ECA 120 units with IP 45 degree of protection can be used in protection area 1 in accordance with DIN VDE 0100-701.

For details, please refer to the planning instructions.

Special versions

Available with adjustable time delay switch as special version on request and at an extra cost.

Technical data

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| Article: | ECA 120 F |
| Model: | Light control |
| Air flow volume: | 170 m³/h |
| Rotating speed: | 2.600 1/min |
| Speed controllable: | - |
| Reversing capacity: | - |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Power consumption: | 19 W |
| Imax: | 0,14 A |
| Degree of protection: | IP 45 |
| Mains cable: | 3 x 1,5 mm² |
| Installation site: | Wall |
| Type of installation: | Surface-mounted |
| Installation position: | any |
| Material: | Synthetic material |
| Colour: | Traffic white, similar to RAL 9016 |
| Weight: | 0,9 kg |
| Weight including packaging: | 1,07 kg |
| Nominal size: | 120 mm |
| Width: | 171 mm |
| Height: | 171 mm |
| Depth: | 114 mm |
| Width with packaging: | 180 mm |
| Height with packaging: | 180 mm |
| Depth with packaging: | 140 mm |
| Airstream temperature at IMax: | 40 °C |
| Overrun time: | 6 min |
| Start delay: | 50 s |
| Sound pressure level: | 42 dB(A) Distance 3 m, Free-field conditions |
| Packing unit: | 1 piece |
| Range: | A |
| GTIN (EAN): | 4012799840084 |
| Article number: | 0084.0008 |

Manufacturer: MAICO

ECA 120 F Small room fan