**Small room fan ECA 100 ipro RCH**

Model with radio receiver and humidity control

With integrated 868 MHz radio receiver and humidity control.

Barrier-free product as the fan switches itself on and off via the humidity sensor.

Switch-on humidity does not have to be set. Fan monitors humidity curve. Automatic air extraction depending on room humidity, at level 1 or 2.

Can be switched with separate DS RC radio switch or separate RLS RC control.

The two speeds can be selected either on the radio switch or control.

Not speed-controllable.

Can be combined with Wibutler smart home system.

Features

Radio-controlled fan for the MAICOsmart exhaust air system, with inbuilt 868 MHz radio receiver, based on EnOcean technology.

The fan can be installed in a master/slave network (RLS RC needed).

Two performance levels.

Designer cover conceals the inlet.

For air extraction.

With VDE symbol.

IP X5 degree of protection for safety in the bathroom.

Protection class II.

Colour: traffic white, similar to RAL 9016.

Housing made of impact resistant plastic material.

Can be combined with Wibutler smart home system.

Motor

Energy-saving robust motor with ball bearings, maintenance-free.

Suitable for continuous operation.

Mounting instructions

Simplest installation as the cover can be removed easily with tools.

Compatible with ECA predecessor models DN 100, because screw holes and cable entry are in the same place.

Electrical connection

Recessed mounted electrical connection.

Security instructions

The fans have an IP X5 degree of protection and can be installed in protection area 1 in accordance with DIN VDE 0100-701.

For details, see planning instructions in chapter on small room fans.

Technical data

|  |  |
| --- | --- |
| Article: | ECA 100 ipro RCH |
| Model: | Radio receiver and humidity control |
| Air flow volume: | 78 m³/h / 92 m³/h |
| Rotating speed: | 2.100 1/min / 2.500 1/min |
| Air direction: | Exhaust air |
| Speed controllable: |  -  |
| Reversing capacity: |  -  |
| SEC average: | -24,18 kWh/(m²\*a) |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Nominal output: | 6 W / 8 W |
| Imax: | 0,06 A |
| Degree of protection: | IP X5 |
| Mains cable: | 3 x 1,5 mm² |
| Installation site: | Ceiling / Wall |
| Type of installation: | Surface-mounted |
| Installation position: | any |
| Material: | Synthetic material |
| Colour: | Traffic white, similar to RAL 9016 |
| Weight: | 0,73 kg |
| Weight including packaging: | 0,88 kg |
| Shutter: | none |
| Nominal size: | 100 mm |
| Width: | 159 mm |
| Height: | 159 mm |
| Depth: | 130 mm |
| Width with packaging: | 167 mm |
| Height with packaging: | 167 mm |
| Depth with packaging: | 145 mm |
| Airstream temperature at IMax: | 40 °C |
| Ambient temperature: | -10 °C up to 40 °C |
| Sound pressure level: | 27 dB(A) / 32 dB(A) Distance 3 m, Free-field conditions |
| Packing unit: | 1 piece |
| Range: | A |
| GTIN (EAN): | 4012799842118 |
| Article number: | 0084.0211 |

Manufacturer: MAICO

ECA 100 ipro RCH Small room fan