**Small room fan ECA 100 ipro KH**

Model with automatic 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 the room humidity.

Automatic air extraction depending on room humidity, at level 1 and 2.

Can be operated without a switch, can also be switched using a separate switch as option.

Start delay can be set to different levels using easily accessible switches (only if controlled using switch): 0/50/90/120 sec.

Overrun time can be set to different levels using easily accessible switches: 8/17/25 min. An overrun time of 0 min can only be set for the control using a separate switch.

The time set is displayed using LEDs during the setting.

Concealed inlet, with electrically operated internal shutter.

Not speed-controllable.

Operating programs

Can be adjusted using jumper in unit.

Comfort program (preset)

User present: Level 1

Overrun time: Level 2

Night program

User present: Level 2

Overrun time: Level 1

Economy program

User present: Level 1

Overrun time: Level 1

Power program

User present: Level 2

Overrun time: Level 2

Features

Intelligently programmed small room fan for very demanding requirements.

2 performance levels.

Designer cover conceals the inlet.

For air extraction.

VDE-GS symbol, exception: ECA 100 ipro RC / RCH

VDE mark: ECA 100 RC/RCH.

IP X5 degree of protection for safety in the bathroom.

Protection class II.

Suitable for continuous operation.

Thermal overload protection.

Colour: traffic white, similar to RAL 9016.

Housing made of impact resistant plastic material.

Motor

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

Suitable for continuous operation.

Mounting information

Simplest installation as the cover can be removed with tools.

Wall and ceiling installation is possible.

Compatible with ECA predecessor models DN100, because screw holes and cable entry are in the same place.

Electrical connection

Recessed mounted electrical connection.

Safety instructions

All ECA 100 ipro units can be used in protection area 1 in accordance with DIN VDE 0100-701.

For details, please refer to the planning instructions.

Technical data

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| Article: | ECA 100 ipro KH |
| Model: | Humidity control |
| Air flow volume: | 78 m³/h / 92 m³/h |
| Rotating speed: | 2.100 1/min / 2.500 1/min |
| Speed controllable: | - |
| Reversing capacity: | - |
| SEC average: | -22,55 kWh/(m²\*a) |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Nominal output: | 10 W / 13 W |
| Imax: | 0,08 A |
| Degree of protection: | IP X5 |
| Mains cable: | 3/5 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: | 0,74 kg |
| Weight including packaging: | 0,89 kg |
| Shutter: | integrated |
| Type of shutter: | electrical |
| Nominal size: | 100 mm |
| Width: | 159 mm |
| Height: | 159 mm |
| Depth: | 130 mm |
| Width with packaging: | 165 mm |
| Height with packaging: | 165 mm |
| Depth with packaging: | 145 mm |
| Airstream temperature at IMax: | 40 °C |
| Overrun time: | 8 min / 17 min / 25 min Overrun time of 0 min. available when using an optional switch (e.g. light switch) |
| Start delay: | 0 s / 50 s / 90 s / 120 s Start delay available when using an optional switch (e.g. light switch) |
| Sound pressure level: | 27 dB(A) / 32 dB(A) Distance 3 m, Free-field conditions |
| Packing unit: | 1 piece |
| Range: | A |
| GTIN (EAN): | 4012799842088 |
| Article number: | 0084.0208 |

Manufacturer: MAICO

ECA 100 ipro KH Small room fan