**Exhaust air element Centro-H**

Centro-H exhaust air element – model with automatic humidity control

Exhaust air element with electro-thermal servomotor.

For basic and demand-based ventilation.

Pressure controller for centralised fan required.

Electrical plug connector for quick installation of the exhaust air element in the housing.

MAICO Centro-H exhaust air elements have an IP X5 degree of protection and can be installed in area 1 in accordance with DIN VDE 0100-701, even with water jets.

Protection class II.

Barrier-free product as the fan switches itself on and off automatically.

Fully automatic intelligent humidity control.

Switch-on humidity does not have to be set. Valve independently monitors the room humidity and automatically switches to demand-based ventilation.

Can be operated manually via a switch, e.g. demand-based ventilation using a light switch.

Standard switching: Closed exhaust air element operation in basic ventilation, humidity control is active when the switch-on point is exceeded – operation in demand-based ventilation, if values fall below switch-off point – operation in basic ventilation.

Other switching variants: manual activation of demand-based ventilation.

Activation of full load using light switch and a fan overrun control linked to this (15 minute overrun time).

Features

Exhaust air element with cover and ISO Coarse 30 % (G2) filter for installation in flush-mounted housing.

Can be used with Centro central air extraction system.

Fire protection identical with MAICO ER single-room air extraction.

No additional cold smoke barriers necessary.

No additional sound absorbers necessary.

Colour: traffic white, similar to RAL 9016.

Trouble-free filter change without tools.

It is possible to rotate the cover by ± 5°, to compensate for housings which have been fitted at an angle.

Simple and quick installation of the exhaust air elements in the housing via the snap-on attachment.

Shaft level difference according to DIN 52210-6, tested by IAB Oberursel (The Institute for Acoustics and Building Physics in Germany).

Technical data

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| Article: | Centro-H |
| Model: | electrical |
| Air flow volume: | 20 m³/h / 60 m³/h |
| Minimum air flow volume: | 30 m³/h |
| Air direction: | Air extraction |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Power consumption: | 3,5 W |
| Imax: | 0,9 A |
| Degree of protection: | IP X5 |
| Mains cable: | 3 x 1,5 mm² |
| Installation site: | Wall / Ceiling |
| Type of installation: | Recessed-mounted |
| System type: | Centralised |
| Material: | Synthetic material |
| Colour: | Traffic white, similar to RAL 9016 |
| Weight: | 0,86 kg |
| Weight including packaging: | 1,13 kg |
| Filter class: | ISO Coarse 30 % (G2) |
| Width: | 251 mm |
| Height: | 251 mm |
| Depth: | 138 mm |
| Width with packaging: | 285 mm |
| Height with packaging: | 285 mm |
| Depth with packaging: | 155 mm |
| Airstream temperature at IMax: | 40 °C |
| Overrun time: | 6 min Overrun time available when using an optional switch (e.g. light switch) |
| Sound pressure level: | 26 dB(A) / 33 dB(A) Specifications in accordance with DIN 18017-3 at an equivalent absorption area A<sub>L</sub> = 10 m.<sup>2</sup> |
| Packing unit: | 1 piece |
| Range: | B |
| GTIN (EAN): | 4012799841876 |
| Article number: | 0084.0187 |

Manufacturer: MAICO

Centro-H Exhaust air element