



**MAICO**  
VENTILATOREN

# **CENTRO**

## **Centralised Ventilation**

in accordance with DIN 18017-3

Integrated fire and smoke protection  
and sound insulation

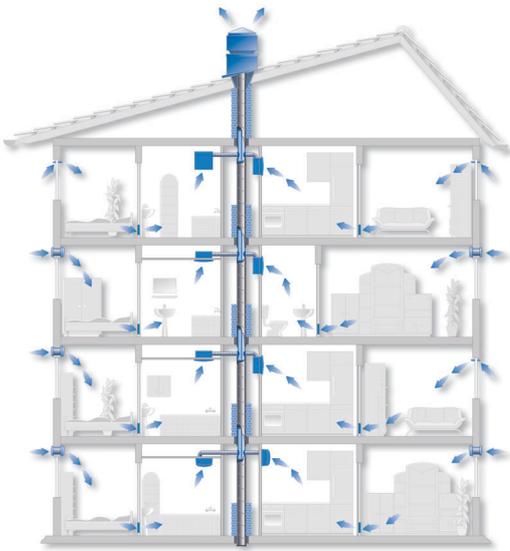


Certification  
DIN EN ISO 9001

# CENTRO

## Centralised Ventilation System

# Up through the middle!



How your house “breathes”:

A central fan extracts stale, damp air from the bathroom and kitchen through the exhaust air elements. Draft-free, fresh air from outside flows into the house through supply-air elements.

- Hygienic and healthy conditions through continuous ventilation
- Quieter than individual room fans
- Dehumidifies and maintains the fabric of the building
- Empty apartments are kept free of stale air



**The Centro Centralised Ventilation System for residential projects and multiple family units offers significant advantages for owners and residents alike.**

A centrally controlled air-exchange provides healthy room air conditions and increased room air quality. After a new build or following the external renovation of a building, stale and humid air are extracted by the central ventilation system.

This avoids the need for further possible renovation work, such as the removal of mould fungus or the repair of damage - caused through damp. Also, apartments that are standing empty are constantly ventilated, with minimum energy consumption. Centro Centralised Ventilation System gives you complete control of room air quality, independently of room usage.

# CENTRO-E

Exhaust air element



Fully integrated:



Fire protection



Smoke protection



Sound insulation



## Integrated

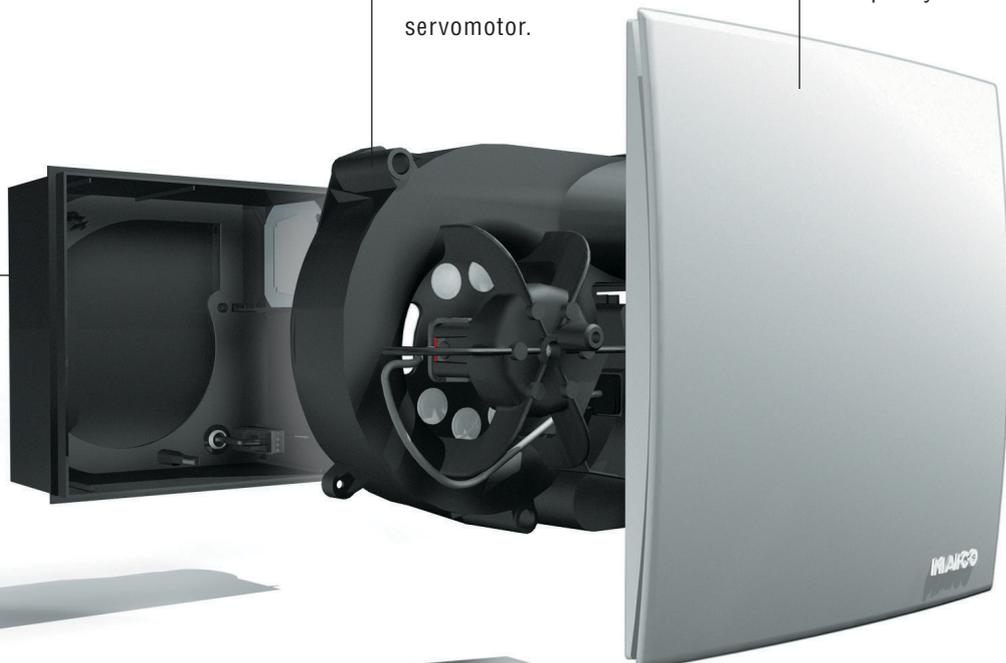
The unique recessed-mounted housing, with integrated shut-off device, provides safe protection against fire and smoke.

## Simple

Basic ventilation settings are made in just seconds. Demand-based ventilation is automatically controlled by the electrical servomotor.

## Functional

The pleasant design and the intelligent airflow control, deliver a high level of sound insulation, without any additional telephony sound absorbers.



# CENTRO

## Centralised Ventilation System

# Plannable and affordable



### **CENTRO is the perfect answer for new builds and renovations**

MAICO ER recessed and surface mounted housings have proved themselves over many years and have been installed hundreds of thousands of times. The CENTRO-E exhaust air element fits perfectly into the family of ER build-in housings, meaning there are no new and complicated processes during the planning and execution stages.

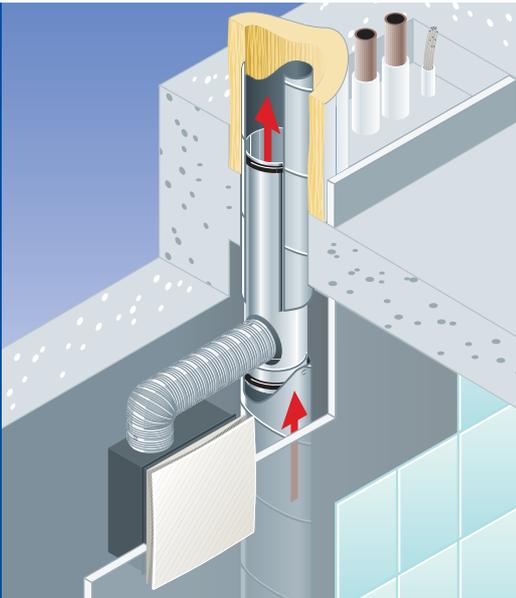


### **Efficient and fast**

- Fire and smoke protection and sound insulation, installed at one hit
- No need for additional telephony sound absorbers
- Simple design and installation, as with single-duct fans
- No complex requirements for cold smoke barriers
- Exhaust air element set up in seconds

**Only from MAICO!**

# Proven Safety



**Fire-protection planning is easy with Centro: It is based on a proven and known system.**

The same components as those used in the tried and tested MAICO ER system, make planning and installation simple. No familiarisation time and complex design requirements.

**Three maintenance-free fire protection systems, together with CENTRO, make up a perfect team:**

- MAICO aeroduct (Z-41.6-573)
- MAICO TS 18 Fire protection ceiling barrier (Z-41.6-556)
- Fire-proof shaft (Z-51.1-46)

**aeroduct**  
Fire-protection system

- In case of fire, the shut-off device switches the ventilation off automatically.
- No cracks occur in the ceiling or main duct because stresses are compensated for. The fire protection compensation element moves upwards because of heat expansion.
- Optimal shielding. The fire-protection-insulation protects other combustible installations in the shaft from the heat. No separating bridge is necessary.

# The complete system

## Supply air elements



### ZE 45 F supply air element

- Build into window frames
- With sound insulation



### ZE 10 T supply air elements

- Wall installation
- With thermostat

## Recess installation



### ER-UPD recessed-mounted housings

- Fire protection
- With aeroduct



### ER-UPB recessed-mounted housings

- Fire protection
- With fire-proof shaft



### ER-UP/G recessed-mounted housing

- Fire protection
- with fire protection ceiling barrier

## Exhaust air elements



### Centro-E exhaust air element

- With electrical servomotor
- Basic and demand-based ventilation



### Centro-M exhaust air element

- With fixed settings

# CENTRO

## Centralised Ventilation System

### Surface installation



#### Centro-APB-E exhaust air element

- With electrical servomotor
- Basic and demand-based ventilation



#### Centro-APB-M exhaust air element

- With fixed settings

### Pressure controllers



#### Centro-PE pressure controller

- With external pressure cell



#### Centro-PTE pressure controller

- With external pressure cell and timer



#### Centro-P pressure controller

- With integrated pressure cell



#### Centro-PT pressure controller

- With integrated pressure cell and timer

### Fans



#### ERD Roof fan

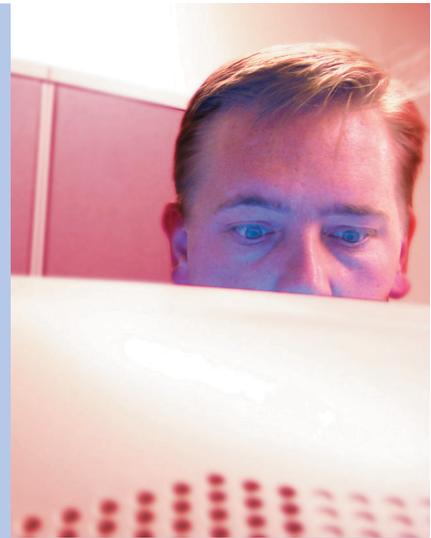
- Roof-mounted installation



#### ESR

#### Sound-insulated ventilation box

- Installation under the roof



**More data and facts  
for planning and installation**

You will find complete, detailed information, including easy-to-use support for planning and design on our Internet pages.

Our Technical Assistance Team would also be pleased to hear from you if you have any questions.

**Maico**  
**Elektroapparate-Fabrik GmbH**  
Steinbeisstraße 20  
78056 Villingen-Schwenningen  
Germany

Phone Nos.

Sales: +49 7720/694-227

Order processing: +49 7720/694-343

Techn. assistance +49 7720/694-392

Fax: +49 7720/64-177

[www.maico.de](http://www.maico.de)

[sales@maico.de](mailto:sales@maico.de)