

## FUNCTIONAL DESCRIPTION



# Centro-E

Centro system for centralised ventilation, in accordance with DIN 18017-3

### Application areas:

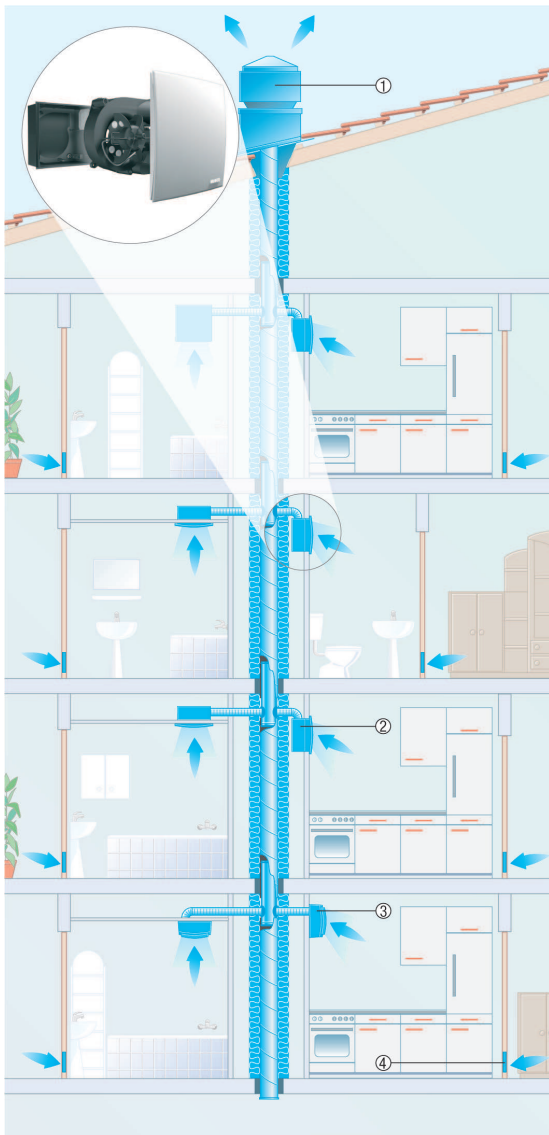
- Multiple family units, bathrooms, WC, kitchens, storage rooms

### Fire protection

- All the fire protection systems listed below also function in combination with the Centro system for central ventilation:
  - aeroduct
  - Ceiling barrier system
  - System with fire-proof shaft
  - Air extraction without fire protection

### Functional description

- A **central fan on the roof** extracts stale, moist air through the exhaust air elements in the bathroom and kitchen. Outside air flows into the apartment draught-free via supply air elements.
- The pressure controller keeps the central fan's airstream pressure constant.



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- ① ERD centrifugal roof fan or GRD centrifugal roof fan with EC motor
- ② ER-UP recessed-mounted housing with recessed-mounted Centro exhaust air element
- ③ Centro surface-mounted exhaust air element
- ④ MLK door ventilation grille

### Main system components

Recess-mounted exhaust air element



ER-UP.. recessed-mounted housing



Surface-mounted exhaust air element with surface-mounted housing



GRD centrifugal roof fan including pressure controller

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Centro-P.. pressure controller when using another exhaust fan (e.g. ESR)



ALD outside air opening

