

GRD 31

Functional description of GRD direct current fan

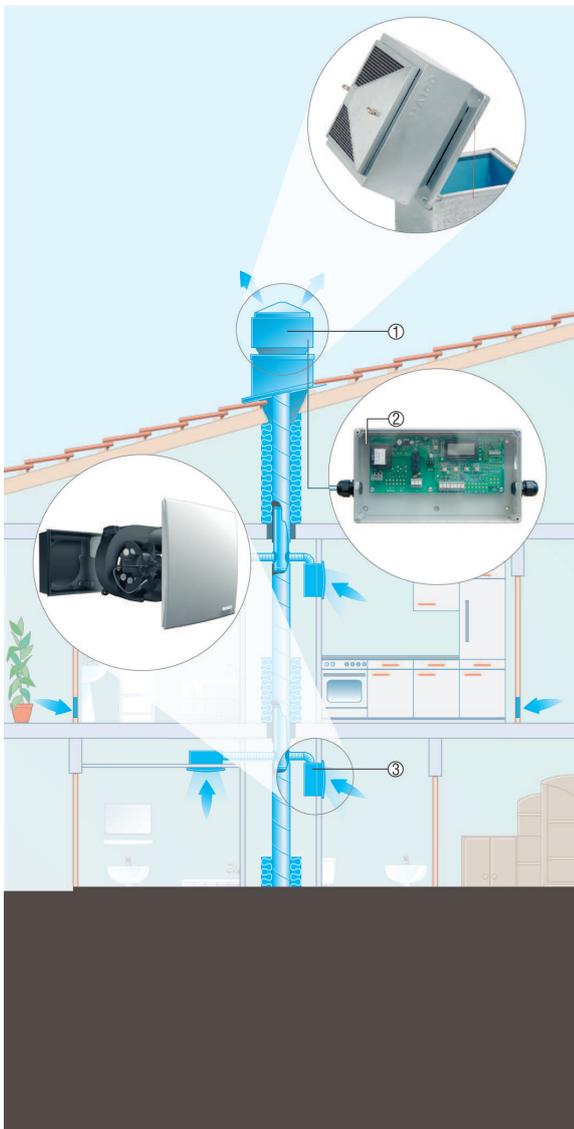
The GRD direct current fan is used in conjunction with the CENTRO exhaust air system: CENTRO exhaust air elements are installed (recessed or surface mounting) in the individual apartments connected up. The GRD direct current fan extracts the exhaust air centrally. This allows either constant pressure or constant volumetric flow to be set.

A reduced operating point can also be specified for night time when requirements are lower.

The GRD direct current fan and CENTRO exhaust air system combination is approved for all conceivable fire protection systems in multiple family units in accordance with DIN 18017-3:

- aeroduct fire protection system
- Ceiling barrier system
- PAM-GLOBAL L cast ventilation system
- System with fire-proof shaft

The diagram shows a typical installation situation along with the aeroduct fire protection system.



- ① GRD direct current fan
- ② Integrated control
- ③ ER-UP recessed-mounted housing with Centro-M or Centro-E exhaust air element
- ④ Centro-M-APB or Centro-E-APB exhaust air element with surface installation
- ⑤ MLK door ventilation grille