

24v / 230v

100-300mm Blades

0.55m<sup>2</sup> / 1.51m<sup>2</sup>

# VENT SERIES 54



## TECHNICAL SPECIFICATIONS

- Wall Mounted Smoke Evacuation Damper
- 1.5 mm Galvanised steel construction
- Motor open or motor closed operation
- Fire tested to EN1366 Pt 2
- Low leakage rate
- High Free area design
- Optional Decorative Fascia grilles
- 1000mm x 2000mm (Damper 1.51m<sup>2</sup>)
- 1000mm x 1500mm (Damper 1.1m<sup>2</sup>)
- 800mm x 1000mm (Damper 0.55m<sup>2</sup>)
- Weight: 39kg per SQ/M
- Damper & Mounting Frame Construction: 1.5mm cold reduced galvanised steel (BS EN 10142: 1991)
- Blades: 1.0mm thick, 100mm-300mm wide cold reduced galvanised steel (BS EN 10142: 1991)
- Motor Drive: Belimo BLE drive open/close



## PRODUCT SUMMARY

The Series 54 smoke damper range has been designed to satisfy smoke ventilation applications and is particularly suited for smoke evacuation shafts and risers in multi storey buildings.

A multi, parallel linked blade smoke damper the Series 54 is manufactured from robust 1.5 mm galvanised steel and is fully tested to the requirements of EN1366 Pt 2 for 1 hour.

Usefully the damper combines both a low leakage rate, when closed, with a high free area, when open, to support high smoke evacuation rates.

All Series 54 dampers are fitted with a Belimo actuator to offer a powered motor open/close actuation. Series 54 has been designed to provide both a practical and aesthetic solution. It is available in a wide range of sizes ranging from 400 x 400 to 1000 x 2000 with sizes based on the structural opening (aperture) dimensions. Effectively this means the largest size damper can provide up to 1.5m<sup>2</sup> of free area.

For aesthetic finishing, where required, the damper face can simply be powder coated to a stock RAL colour with an optional cover plate also fitted to disguise the motor.

Alternatively dampers can be masked with fixed blade type cover grille (Gilberts Series K40 or K15) with blades angled at 40°, for virtual full damper masking, or 15° for a partial masking effect. These cover grilles can be face screw fixed or concealed fixed according to preference.



## PRODUCT CODES

**RV-SMOKE-ED53**

Vent Series 54 Smoke Evacuation Damper

**RV-SMOKE-ED-K15**

Vent Series 54 Grill



**NO ONE OPENS MORE VENTS**

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