

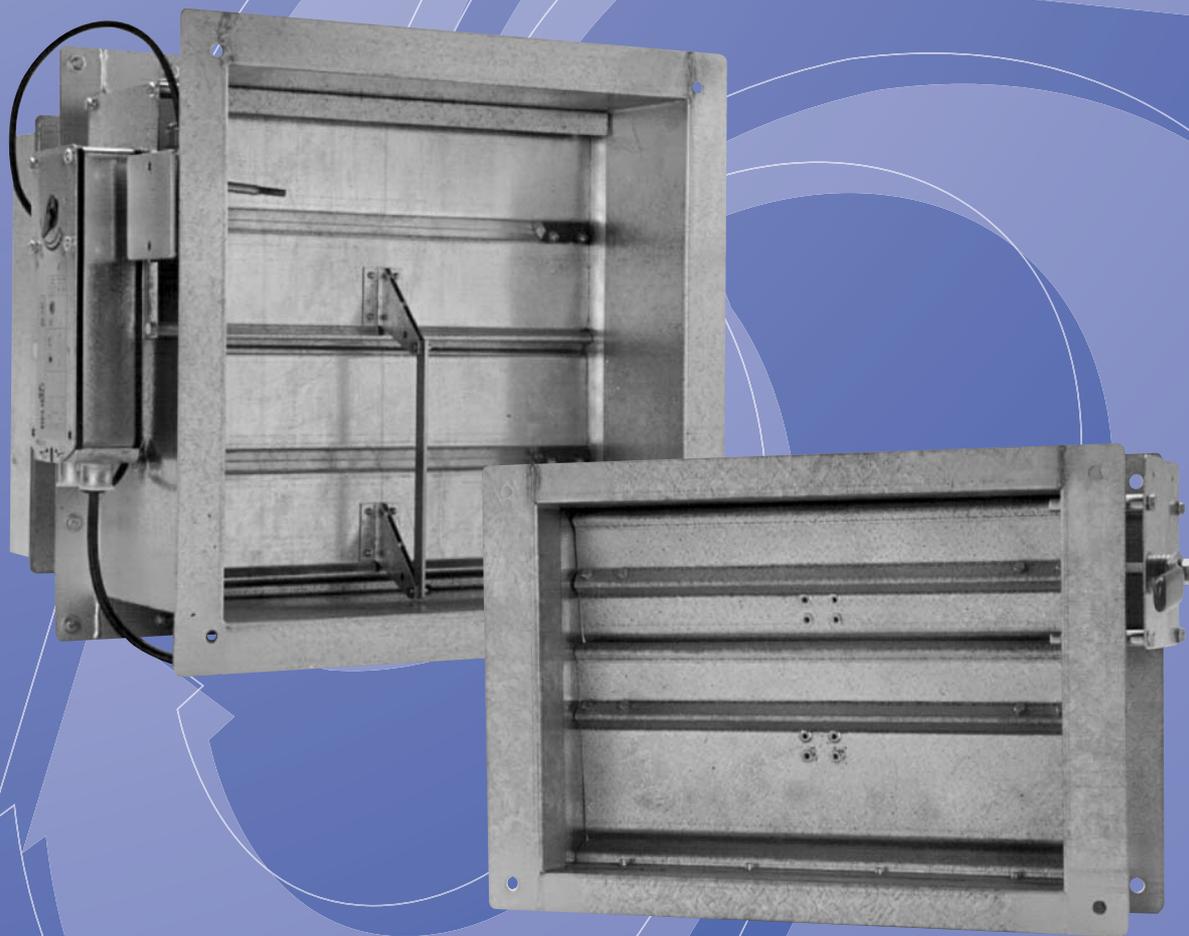
SERIES 50/51

Fire/Smoke Dampers

PUBLICATION

DAMPERS 6

NOV 2012



Features

- Motor Operation
- Flange or Spigot Connection
- Stainless Steel side seals
- Two Hour Fire Rating
- Fully Tested to BS476 Pt.20 1987



GILBERTS

SERIES 50/51

Fire Smoke Dampers

Series 50 Fire/Smoke Damper

The series 50 two hour rated motorised Fire/Smoke Damper was initially designed for use on the Jubilee Line project where over 2000 units have been successfully installed.

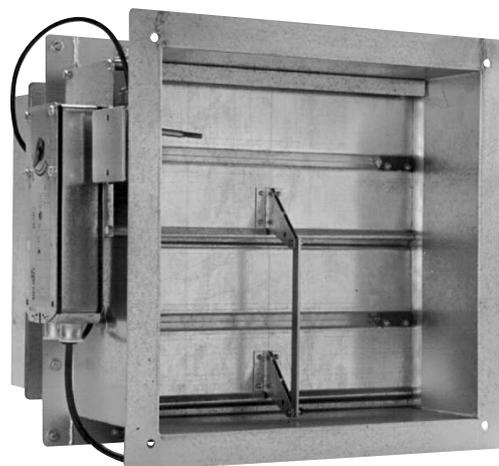
The damper construction comprises of a 1.6mm fully welded flanged case and incorporates 2mm formed galvanised mild steel blades mounted onto stainless steel spindles, and bushes.

Stainless steel side seals and its parallel operation overlapping blade design ensure excellent smoke and fire retardation capabilities.

The damper is activated via a Belimo square drive spring return motor suitable for use on a 240 volt AC or 24 volt AC/DC supply voltage.

An Electro thermal fuse (replaceable from outside the airstream) set at 72°C provides local heat detection and controlled closure in the event of failure.

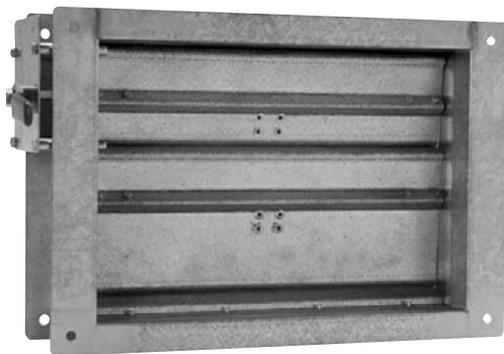
The wall sleeve and flange arrangement eliminates the need for the traditional HEVAC installation frame. This allows aperture openings to closely reflect the damper nominal size, a useful facility where space is at a premium. Its welded construction also creates a fire rated "DUCT" through the aperture eliminating any risk of breakout at this point. Tested to the requirements of BS 476 part 20,1987, the damper is available in sizes ranging from 100 x 100mm to 1600 x 1000mm with one actuator drive.



Features

- Motor Operation.
- Flange or Spigot Connection.
- Stainless Steel Side Seals
- Two Hour Fire Rating.
- Fully Tested to BS476 Pt.20 1987

Series 51 Smoke Damper



Features

- Manual or Motor Operation.
- Flange or Spigot Connection.
- Stainless Steel Side Seals
- Two Hour Fire Rating.
- Large Size Format upto 2400 x 1000cm

The Series 51 range was specifically designed for fire rated volume control or smoke retarding/venting applications.

The damper construction comprises of a 1.6mm fully welded flanged case and incorporates 2mm formed galvanised mild steel blades mounted onto stainless steel spindles and bushes.

Stainless steel side seals and parallel operation overlapping blade design ensure excellent smoke and fire retardation capabilities.

Available in 40mm flanged or circular spigotted format it has the following control option facilities:

Available size range from 100mm diameter to 1600mm diameter and 100 x 100mm to 2400 x 1000mm square with one actuator driver (*dependant on type of actuator*).

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