

Introducing the new Cassette Type Damper



LORIENT

Lorient's Cassette Type Damper allows simple and rapid duct installation in small spaces, along with excellent access during commissioning and servicing.

Key Benefits

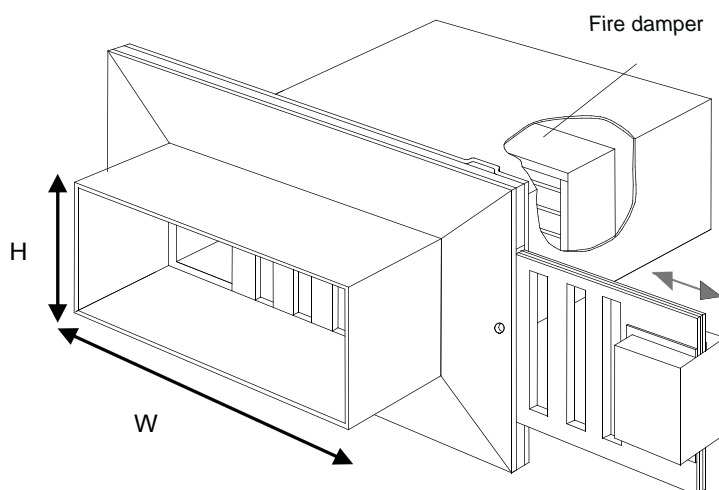
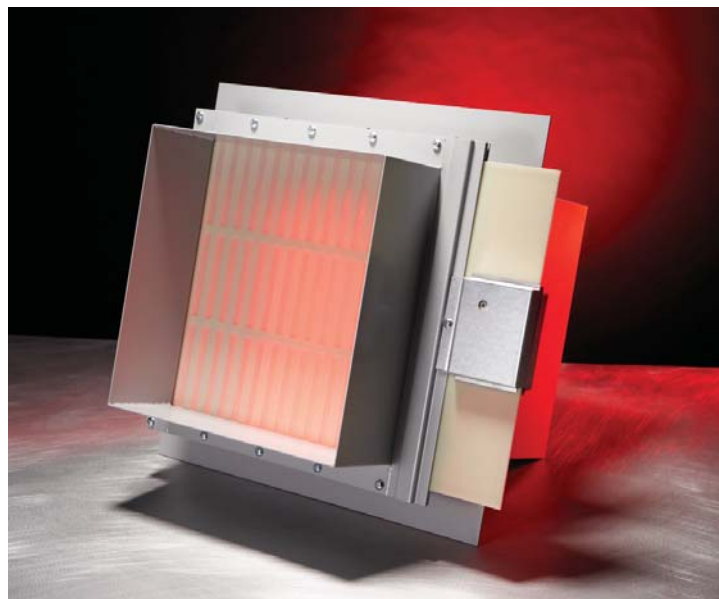
- Sliding cold smoke shutter module allows easy access for servicing
- Easy installation of damper into fire compartment boundary
- Shutter plates tolerate a pressure differential of 300Pa
- Low cold smoke leakage rates
- May be used purely as a cold smoke damper by excluding the fire damper
- Can incorporate either LVH44 or LVH54 fire dampers
- Controlled by 'Talkback' system giving status data and auto-cycling

General Operation

- The sliding cold smoke containment shutter module allows easy removal of the entire plate and actuator assembly during servicing without affecting the fire stopping performance of the fire damper.
- Inclusion of LVH54 fire damper will give at least 240 minutes fire resistance and 30 minutes insulation or an LVH44 will provide a more modest fire resistance period.
- In the unlikely event that the smoke shutter fails to close, as air temperature rises the intumescent fire damper will activate and seal air passage through the damper thus preventing spread of fire and hot gases.

Talkback system

- This system has been designed to control up to 16 damper/shutter assemblies from one centralised, status monitoring unit
- It is fail-safe – the dampers/shutters automatically close in event of an alarm, power failure or wire damage
- Resets automatically – when alarm is cancelled or power restored
- Self-testing – every 24 hours the dampers/shutters are automatically closed and opened to ensure they are working, dislodging any dust/debris
- Continuously monitors status of each damper/shutter and displays this on the DCM
- Easy and quick to install – simple loop wiring used and the damper/shutter units are supplied ready assembled and tested



Specifications

- Manufactured using welded galvanised steel sheet with the smoke shutter plate location formed by galvanised steel spacer strips.
- Intumescent fire seal strip prevents hot gas leakage.
- Shutter plate assembly is produced from 3 sheets of fire resistant glass reinforced plastic of low toxicity.
- Actuator motor and circuit board are protected within a removable galvanised steel enclosure.

Fitting Instructions

- Full fitting instructions are supplied with the product and are available on request. Please refer to fitting instructions before commencing installation.

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