

## AIR TRANSFER GRILLES

# LVHCTD + LVH44/LVH54

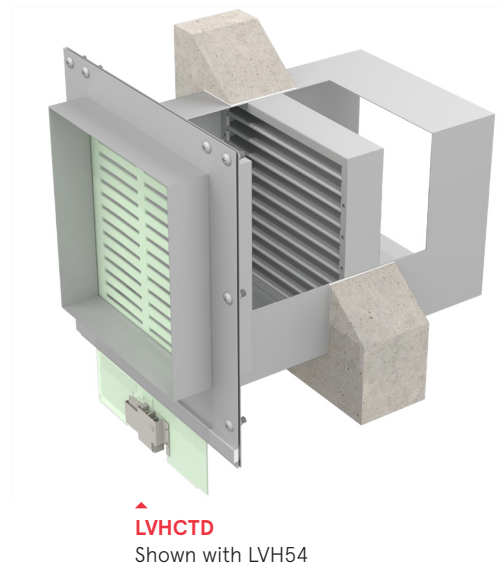
## CASSETTE TYPE DAMPER

Lorient's Cassette Type Damper allows simple and rapid duct installation in small spaces, along with excellent access during commissioning and servicing. When used with an LVH44 or LVH54 air transfer grille can provide up to 240 minutes fire and smoke resistance.



### Key benefits

- ▶ Sliding cold smoke shutter module allows easy access for servicing
- ▶ Easy installation of air transfer grille 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 air transfer grille
- ▶ Can incorporate either LVH44 or LVH54 air transfer grilles
- ▶ Controlled by 'Talkback' system providing status information + auto-cycling



### STANDARD SIZES AVAILABLE (MM)

WIDTH	200	200	250	250	300	300	300	300	350	400	400	400	450	450	450	600	600	600
HEIGHT	150	200	200	250	150	200	250	300	250	150	250	300	250	300	450	150	250	300

Other non-standard sizes may be available - please ask for details.

### SYSTEM SPECIFICATIONS

#### Performance

- ▶ Inclusion of LVH44 air transfer grille will provide up to 120 minutes fire resistance.
- ▶ Inclusion of LVH54 air transfer grille will provide up to 240 minutes fire resistance and 30 minutes insulation.

#### Size

- ▶ Width: 200mm - 600mm (in 50mm increments).
- ▶ Height: 150mm - 300mm (in 50mm increments).

#### Thickness

- ▶ Depth: Subject to application.

#### Free area

- ▶ Approx 40% free area.

#### Application

- ▶ Suitable for ducts.

#### Material

- ▶ 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.

#### Use with

- ▶ Talkback damper control system.
- ▶ LVH44 or LVH54 air transfer grilles (optional).