

## AIR TRANSFER GRILLES

# LVH54

### HIGH PERFORMANCE VISION STYLE INTUMESCENT AIR TRANSFER GRILLE

A high performance, standard vision intumescent air transfer grille for ventilation ducts. Can provide up to 240 minutes fire resistance.



#### Key benefits

- ▶ Forms a complete seal in 2 minutes
- ▶ Can withstand 300Pa differential across the air transfer grille
- ▶ Low leakage rates
- ▶ Tolerant of high humidity
- ▶ Withstands harsh environments
- ▶ Not prone to clogging
- ▶ No moving parts
- ▶ Robust construction
- ▶ Available in a multitude of sizes
- ▶ No maintenance



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#### STANDARD SIZES AVAILABLE (MM)

WIDTH	200	250	300	350	400	450	500	550	600
HEIGHT	200	250	300	350	400	450	500	550	600

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

FIRE + SMOKE RESISTANT AIR TRANSFER GRILLES

#### SYSTEM SPECIFICATIONS

- Test evidence**
  - ▶ Fire: BS ISO 10294-5:2005.
- Performance**
  - ▶ Can be used to provide up to 240 minutes resistance to fire.
- Size**
  - ▶ Width: 100mm – 600mm (in 50mm increments).
  - ▶ Height: 100mm – 600mm (in 50mm increments).
- Thickness**
  - ▶ 54mm.
- Free area**
  - ▶ Approx 70% free area.
- Application**
  - ▶ Suitable for ducts.
- Orientation**
  - ▶ Suitable for vertical applications.
- Material**
  - ▶ Z275 galvanised steel.
  - ▶ Metal slats with an intumescent core.
- Finish**
  - ▶ Silver as standard.
- Fixing**
  - ▶ Each air transfer grille is manufactured 2mm less than a nominal aperture size to provide clearance when installed in a duct or other aperture of the same nominal dimensions. e.g. a 198mm x 198mm nominal size air transfer grille will suit a 200mm x 200mm aperture.
  - ▶ Screwed and bedded in Lorient intumescent sealant.
- Use with**
  - ▶ Metal cover grille (optional).