

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.

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.



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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).

Specification