

AIR TRANSFER GRILLES

LVN20

HIGH PERFORMANCE NON-VISION STYLE
INTUMESCENT AIR TRANSFER GRILLE

The LVN20 is a non-vision intumescent air transfer grille. Supplied in two pieces, it lends itself to easy installation in a standard 44mm thick fire door. When finished with a colour co-ordinated edge flange, results in an attractive but efficient air transfer feature.

Key benefits

- ▶ Louvred slats give privacy
- ▶ Bi-directional airflow
- ▶ No site testing necessary
- ▶ No moving parts
- ▶ Attractive facade on both sides
- ▶ Colour match available
- ▶ Easy to keep clean.

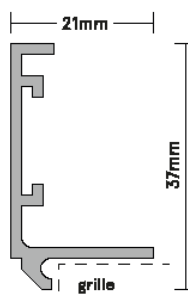
AIR TRANSFER GRILLE SELECTOR (MM)

ATG NOMINAL SIZE	200 x 200	300 x 300	400 x 400
ATG ACTUAL SIZE	198 x 198	298 x 298	398 x 398
FLANGE SIZE	201 x 201	301 x 301	401 x 401
APERTURE SIZE	205 x 205	305 x 305	405 x 405

STANDARD SIZES AVAILABLE (MM)

WIDTH	98	148	198	248	298	348	398	448	498	598
HEIGHT	98	148	198	248	298	348	398	448	498	598

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



LV2221
aluminium flange



LVN20 shown with
aluminium flange

SYSTEM SPECIFICATIONS

Test evidence

- ▶ Fire: BS 476-20 & 22:1987.

Performance

- ▶ Can be used to provide up to 30 minutes resistance to fire.

Size

- ▶ Width: 100mm – 600mm (in 50mm increments).
- ▶ Height: 100mm – 600mm (in 50mm increments).
- ▶ Square and rectangle options available.

Thickness

- ▶ 2 pieces x 20mm.

Free area

- ▶ Approx 30% free area.

Material

- ▶ Rigid PVC slats with an intumescent core.

Application

- ▶ Suitable for doors.
- ▶ Note: in applications where high levels of humidity or wetness are anticipated, it is recommended that an LVH44 product should be employed.

Orientation

- ▶ LVN20 is best suited in the vertical plane.

Positional requirements (Certifire)

- ▶ The upper edge of the grille shall be no higher than 800mm from floor level.

Finish

- ▶ Silver as standard.

Use with

- ▶ Aluminium flange as standard.
- ▶ Cover grille can be supplied when not using a flange.

Fixing

- ▶ Each air transfer grille is manufactured 2mm less than a nominal aperture size to provide clearance when installed in a door of the same nominal dimensions. E.g. a 198mm x 198mm nominal size air transfer grille will suit a 200mm x 200mm aperture, if fitted with aluminium flange, a 205 x 205mm aperture will be required.
- ▶ Screwed and bedded in Lorient intumescent sealant.

Certification

(CF564)