

**AIR TRANSFER GRILLES**

# LVN20

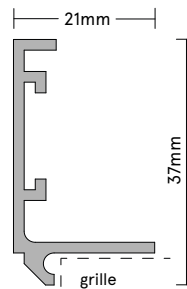
**HIGH PERFORMANCE NON-VISION STYLE  
INTUMESCENT AIR TRANSFER GRILLE**

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.



▲ LV2221 aluminium flange



▲ LVN20 shown with aluminium flange

**AIR TRANSFER GRILLE SELECTOR (MM)**

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

**STANDARD SIZES AVAILABLE (MM)**

<b>WIDTH</b>	98	148	198	248	298	348	398	448	498	598
<b>HEIGHT</b>	98	148	198	248	298	348	398	448	498	598

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

**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)