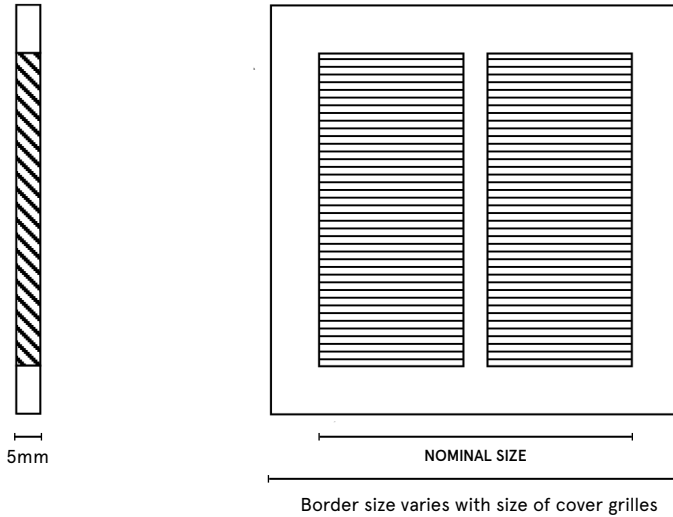


# STEEL COVER GRILLES (RVCG)

FIRE + SMOKE RESISTANT AIR TRANSFER GRILLES

Lorient steel cover grilles are face fixed to doors, walls or end of ducts, offering an aesthetic appearance to the range of intumescent air transfer grilles. They are supplied with a powder coat finish and fixing screws as standard.



Mild steel grille

## AIR TRANSFER GRILLE / COVER 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
MAX APERTURE SIZE	205 x 205	305 x 305	405 x 405
	210 x 210	310 x 310	410 x 410
	Doors + 5mm Walls +10mm	Doors + 5mm Walls +10mm	Doors + 5mm Walls +10mm
COVER GRILLE OVERALL SIZE	251 x 251 (+51mm of actual size)	351 x 351 (+51mm of actual size)	451 x 451 (+51mm of actual size)

## F + S AIR TRANSFER GRILLE / COVER GRILLE SELECTOR (MM)

ATG NOMINAL SIZE	200 x 200	300 x 300	400 x 400
ATG ACTUAL SIZE	240 x 240	340 x 340	440 x 440
MAX APERTURE SIZE	245 x 245	345 x 345	445 x 445
	250 x 250	350 x 350	450 x 450
	Doors + 5mm Walls +10mm	Doors + 5mm Walls +10mm	Doors + 5mm Walls +10mm
COVER GRILLE OVERALL SIZE	341 x 341 (+101mm of actual size)	441 x 441 (+101mm of actual size)	541 x 541 (+101mm of actual size)

## SYSTEM SPECIFICATIONS

### Construction

- ▶ Manufactured from 20swg mild steel with pre-set angled vanes at a 30° downward deflection and 8.5mm pitch. Vanes are horizontal and allow bi-directional airflow.

### Size

- ▶ Cover grilles can be supplied in a wide range of sizes to suit the intumescent air transfer grilles. Sizes from 100 x 100mm up to 600 x 600mm in 50mm increments, in either configuration, offer great flexibility when selecting grille sizes.
- ▶ Each cover grille is manufactured to the nominal aperture size + 51mm.

### Material

- ▶ Pressed steel and aluminium options available.

### Free area

- ▶ Typical free areas of steel cover grilles are:
  - ▶ 150 x 150mm: 67%
  - ▶ 200 x 200mm: 65%
  - ▶ 300 x 300mm: 69%
  - ▶ 450 x 450mm: 70%
  - ▶ 600 x 600mm: 70%
- ▶ Note: Will change the free air flow characteristics of the air transfer grille.

### Application

- ▶ Suitable for walls, doors or end of ducts.
- ▶ Weather louvre options available for external applications.
- ▶ Note: Not recommended for external wall applications or high levels of moisture. Please refer to weather louvres which can be supplied as alternatives.

### Finish

- ▶ Standard powder coat finishes are white and silver.
- ▶ The satin silver finish changed to RAL 9006 (05/1/23).
- ▶ Other colours to suit customer requirements are available. (Non-standard - charges and lead times apply).

### Fixing

- ▶ Screw fixed. Supplied with fixing screws as standard.
- ▶ Max aperture size is the ATG actual size +10mm for walls and +5mm for doors.

### Use with

- ▶ LVV40, LVH44, LVV40S, LVH44 + LVH20S.