

OUTA-DOR FIRE RATED LOUVRE PANEL OPTIONS

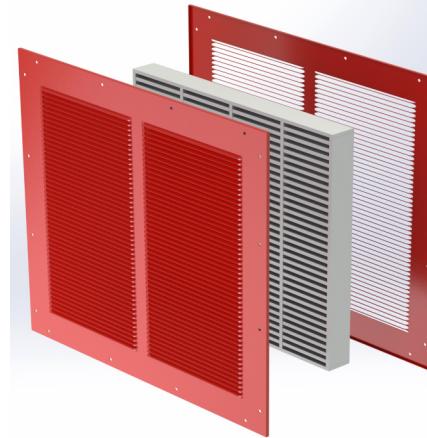
ROBUST 

OUTA-DOR louvre panels are designed to be used on fire rated doors fitted to rooms that require continuous airflow. A standard louvre will allow ventilation but will also allow passage of flames and smoke, whereas a fire block louvre system will maintain the integrity of fire doors AND prevent the spread of flames and smoke. Examples are doors to plant rooms, stores, computer rooms and changing facilities.

STANDARD SIZES AVAILABLE (mm)

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

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



SYSTEM SPECIFICATIONS

Test evidence: Fire: **BS EN 1634-1: 2014**

Construction: Consists of a 40mm thick intumescent air transfer grille, with 2 x 5mm thick Steel cover grille which are face fixed to both sides of the door.
Air transfer grille manufactured from PVC slats with an intumescent core.
Steel cover grille is 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: Width: 100mm - 450mm (in 25mm increments)
Height: 100mm - 450mm (in 25mm increments)
Air transfer grilles are manufactured 2mm less than a nominal aperture size to provide clearance when installed in an aperture of the same nominal dimensions. E.g. a 198 x 198mm nominal size air transfer grille will suit a 200 x 200mm aperture
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 450 x 450mm in 50mm increments, in either configuration, offer greater flexibility when selecting grille sizes.

Free area: Approx 60 - 70% free area
Low sound power level +.

Fixing: Air transfer grille is screwed and bedded in intumescent sealant.
Steel cover grille is screw fixed to the door leaf.

Finish: Air transfer grille - silver as standard.
Steel cover grille - Standard powder coat finishes are white and silver. Non-standard colours are available to suit customer requirements.