

RSH-5700

129 mm deep, high-performance louvre offering excellent protection against wind-driven rain penetration and good airflow.



Features & Advantages

- Complex extruded blade design in horizontal arrangement, for maximum rain defence performance
- Multiple channels in blades and vertical components, to collect and drain water from the louvred area
- Interlocking visible mullions, to align with other façade elements; choice of visible or invisible horizontal joints between units
- Delivered to site as pre-fabricated modules, for efficient installation
- Blast resistant and RC2 security rated options available
- Optional glazing frames, for easy integration into curtain walling or glazed façades
- Sightproof design

Applications

- Where reliable resistance to wind-driven rain is a priority
- Where using a large plenum behind louvres is impractical due to cost or space considerations
- Where sensitive equipment will be housed close to the louvre system
- Where louvres are to be fitted into curtain walling or glazing system

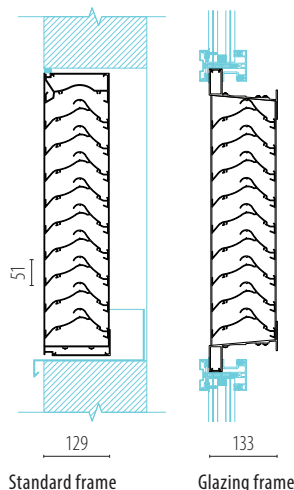


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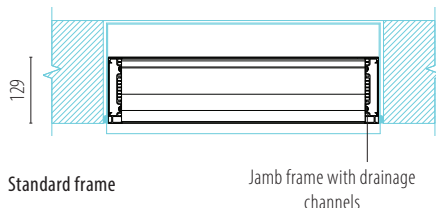
RSH-5700

Standard Details

Section on elevation



Plan view



Module dimensions (based on 1.5 kPa wind load):

- Max height: 3600 mm*
- Max width: 3600 mm*

* For manual handling purposes max 80 kg per unit is recommended.

Custom sizes can be manufactured, contact us to discuss your requirements.

Joint options:

- Horizontal: visible or invisible
- Vertical: visible (interlocking mullion)

For detailed drawings refer to Technical Datasheet.

Details above include typical cill pan (size to project requirements) and optional snap-on cover plates for head, cill and jamb frames.

Certification / Testing

- Tested in accordance with EN 13030 for Rain Defence and Airflow Performance.
For details view Performance Datasheet.
- Tested to EN 1627-1630, achieved class RC2
Contact us if your project requires a security rated option.
- Cradle to Cradle Certified Bronze
Certification applies to a range of colours and finishes.
For further information, visit: c-sgroup.co.uk/38764



Additional Security Options

- Burglar Resistance Class RC2
- Blast Resistant Option

Designed to withstand up to an 86.87 kPa blast pressure at an impulse of 536.41 kPa-msec

Materials

- Aluminium alloy 6063-T6
- Nominal thickness: 1.52 mm for blades; 2.03 mm for head, cill and jamb frames, and for mullions
- Aluminium components are manufactured with a minimum of 55% recycled content (mix of pre- and post-consumer scrap)
- Louvre weight 25 kg/m², based on a 2 m x 2 m module size

Finish Options



Warranty

- 2-year product warranty
- Up to 30-year finish warranty (powder-coated or anodised)

For Terms and Conditions visit: c-sgroup.co.uk/38509

Optional Extras

- Head / cill / jamb cover plates
- Bird / vermin guards - galvanised weld mesh (standard) or expanded aluminium
- Insect mesh
- Blanking - single-skin plates or insulated panels
- Louvred doors and gates

Depending on the type of door selected and the interface with the building, louvre performance may be affected.

- Dampers

For details visit: c-sgroup.co.uk/26795