

SJ Espacer

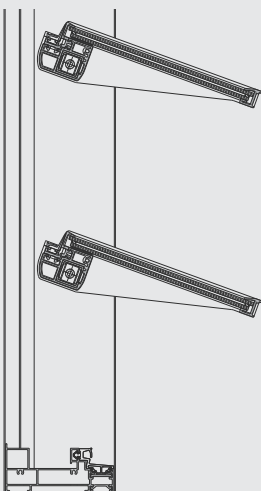
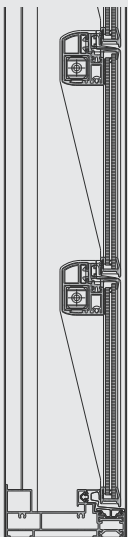
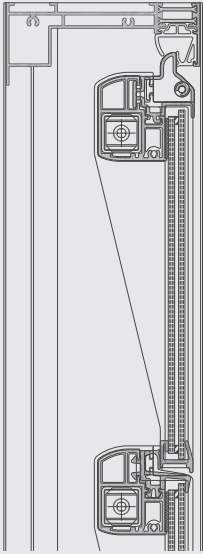
Thermally broken large format louvre

SJ Espacer by Safetyline Jalousie is a thermally broken louvre system designed to provide interior spaces with natural ventilation when open, and an optimum level of comfort, by minimising energy loss and ensuring weather protection when closed.

The large 220mm glass louvre blades provide a practical alternative to the aesthetic appeal of an awning style window, without compromising on airflow.



FEATURES



Vertical section. Bottom Detail

Spans

- Total width up to 1500mm.

Frames

- Extremely durable, high quality, square cut aluminum frame assembled by stainless steel screws;
- The profiles used in the frame are thermally broken, with half-shells in aluminium T6063 T6 and thermal strips in PA66 GF25;
- Frame profiles are supplied in Reduxa, the primary aluminium produced by Hydro with the lowest Co2 emissions in the market;
- The aluminium components are available in three surface finishes - Powder coated, high performance powder coated or anodized (25 or 30 microns);
- A wide range of colours are available to meet individual project requirements, enhancing existing buildings and offering architects and designers greater design freedom
- Anodising thickness is 25 or 30 microns;
- Different colours can be applied from the internal to external side of the window.

Louvres

- The system can accommodate any type of glass panels (single, laminated, vacuum insulated, ...);
- 8mm – 10.5mm thickness;
- Glass panel height 220mm;
- Louvres open to the outside of the window – no interference to curtains or blinds.

Screens

- Inset screens are fitted internally within a rebate section of the window frame, and are easily removed for cleaning;
- Available in fibreglass, aluminium or stainless steel mesh;
- The system can also accommodate high gauge security mesh products.

Installation

- No assembly required – supplied as a complete system, framed and glazed;
- Easy and fast installation using screws through the pre-punched fixing holes in the upright sections;
- Can be integrated in curtain walls, either stick or unitized type, or applied as standalone solution in traditional concrete façade.

Operation

- Manual operator or motor controlled, which can open the louvres to 70°;
- Motorised louvres can be integrated with climate control, fire and smoke systems.

Thermal Performance:

- $U_w \leq 2.5 \text{ W/m}^2\text{K}$, with 8.5mm vacuum insulated glass.