

# SJ Proteger

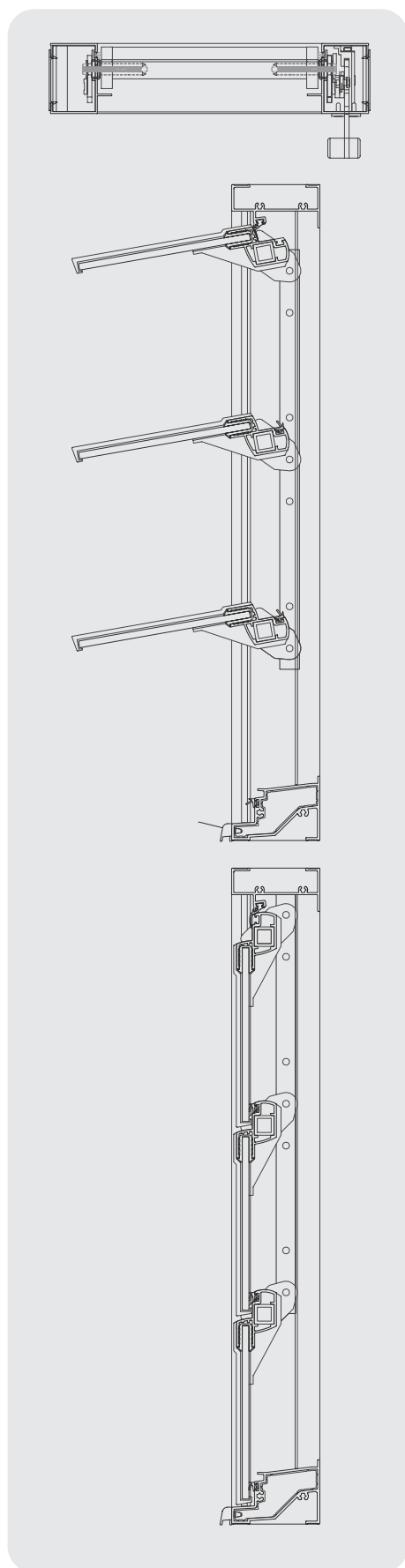
## EN12101-2 Natural Smoke & Heat Ventilator

SJ Proteger by Safetyline Jalousie is a multi-purpose operable louvre system that provides an attractive and effective way to naturally ventilate a building, while also providing optimum protection from fire, heat and smoke.

Comprising of easy-to-install and customisable glass or aluminium automatic opening louvres, cabling and controls which interface with the BMS or the fire indicator panel (FIP), SJ Proteger louvres are designed for heat and smoke extraction or make up air for stair pressurisation.



# FEATURES



<b>Spans</b>	<ul style="list-style-type: none"> <li>• Total width up to 1400mm.</li> </ul>
<b>Frames</b>	<ul style="list-style-type: none"> <li>• Durable, high quality 63mm module square cut aluminium frame assembled by stainless steel screws;</li> <li>• The aluminium components are available in three surface finishes - powder coated, high performance powder coated or anodized.</li> </ul>
<b>Louvres</b>	<ul style="list-style-type: none"> <li>• Louvres are available in glass or aluminium with metal end caps;</li> <li>• Any type of commercially available glass can be used in 6mm, 6.38mm or 6.5mm thickness – including laminate, low e, tinted, frosted, acoustic and performance glass;</li> <li>• Louvre blade centres are 135mm.</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Inbuilt &amp; impenetrable;</li> <li>• Robust aluminium louvre bearers are built into the frame - Even if the glass is broken the system remains secure.</li> </ul>
<b>Seals</b>	<ul style="list-style-type: none"> <li>• Sealed on all 4 sides with co-extruded flame retardant TPE rubber seals on each horizontal transom and gaskets on the upright sections.</li> </ul>
<b>Screens</b>	<ul style="list-style-type: none"> <li>• Insect screens are fitted internally within a rebate section of the window frame, and are easily removed for cleaning;</li> <li>• Aluminium or stainless steel mesh screens can be fitted internally.</li> </ul>
<b>Installation</b>	<ul style="list-style-type: none"> <li>• No assembly required - Supplied as a complete system, framed and glazed;</li> <li>• Easy and fast installation using screws through the prepunched fixing holes in the upright sections.</li> </ul>
<b>Operation</b>	<ul style="list-style-type: none"> <li>• Motor controlled via the SLJ01 EXT Fire Rated drive (Fire resistance (30 minutes/300 C) Independent testing for compliance with EN12101-2:2017);</li> <li>• Power: 24 v DC +/-15%;</li> <li>• Can be integrated with climate control and other sensor activated systems.</li> </ul>
<b>Key Performance Ratings</b>	<ul style="list-style-type: none"> <li>• Ultimate Limit State (ULS) – up to 9525pa</li> <li>• Serviceability Limit State (SLS) – up to 4000pa</li> <li>• Water Penetration Resistance – 800pa</li> <li>• Air Infiltration – tested to 0.12L/Sqm/S</li> <li>• Acoustic – 35RW</li> <li>• Impact Load – tested to 550kg</li> <li>• Meets fall prevention and balustrade requirements</li> <li>• Windborne Debris – impact test passed type B (for cyclones)</li> <li>• EN12101-2: Annex G - Tested and certified.</li> </ul>