

PROTEUS OPERABLE LOUVRE

Colt Proteus Operable Louvre is a mechanically operated ventilator providing additional control and flexibility over fixed louvre systems.

It is an extruded, single bank aluminium louvre system available in a 100mm pitch configuration, used for screening and/or ventilation. The aluminium louvres are very often used as plant room louvres, or indeed anywhere where plant needs to be covered up.

Proteus can provide an a good balance of rain defence and aerodynamic efficiency, providing an excellent combination of aerodynamic efficiency when fully open and rain defence protection when closed.

Proteus can be uniquely configured to provide the solution to your needs. A fixed version is also available.

FEATURES AND BENEFITS

Controllable airflow - provides additional control and flexibility over fixed louver systems, with manual, electric or pneumatic options.

Aesthetically pleasing - a simple, clean extruded aluminium louver with sharp, crisp edges to give a continuous appearance.

Reduced energy costs - highly aerodynamically efficient. This reduced air resistance allows the plant and the aperture to be smaller thereby saving running costs.

Enhanced performance - aerodynamically efficient and highly resistance to weather.

Proven performance - tested to EN 13030:2001.

Easy to install – it can either be delivered to site pre-assembled or as a kit of parts.

A wide range - available in various shapes, configurations, and finishes to meet the requirements of almost any project.

Optional accessories - a large selection of optional accessories is available, such as mitred corners, special shapes or louver doors. If noise reduction is required, acoustic louver panels may be supplied by us.

Design service - Colt provides a pre-order design service.

Please contact Colt for more information relating to the application, specification, installation or servicing of Proteus.

PERFORMANCE

Airflow

Air Inlet - 0.37 (including bird guard)
Air Extract - 0.45 (including bird guard)

Rain Defence

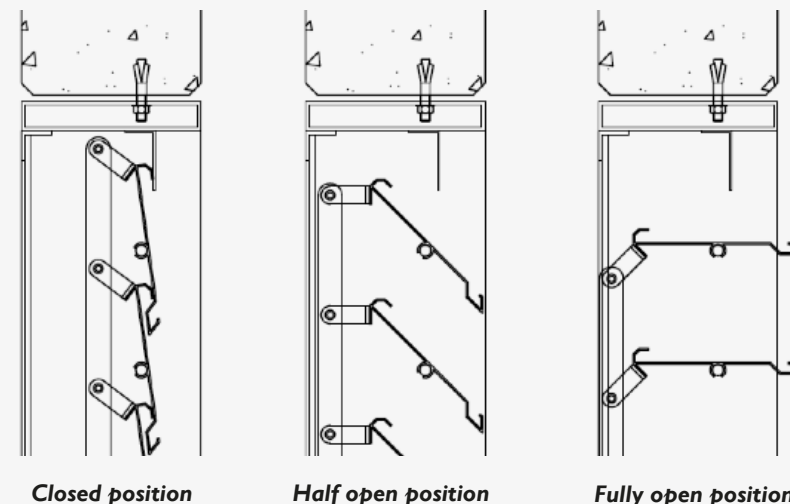
Class A2 - up to 0m/s suction velocity
Class B2 - up to 1.5m/s suction velocity
Class C2 - up to 2.0m/s suction velocity
Class D2 - up to 3.5m/s suction velocity

Options

Special shapes
Doors
Roof turrets



SECTION DETAILS



PRODUCT SPECIFICATION

Product Name	Colt Proteus Operable Louvre
Manufacturer	Colt International Pty Ltd
Louvre profile	Single Bank extruded 100 mm pitch
Construction	Quality corrosion resistant aluminium alloy. Comprising 1.2mm thick extruded louver blades centrally pivoted on nylon bearings with an aluminium box section surround frame.
Cills and frames	Shall contain all peripheral fixings
Corners	Extruded mitre corner pieces / mitred cut
Paint Finish	Partially coated / totally coated to any RAL polyester powder colour Partial / total finish Anodised finish
Guards	Insect / bird / security
Optional extras	Acoustic modules Blanking panels (single skin or insulated)
Fixing	The ventilator is designed to be fitted into an opening and/or supporting members supplied and fitted by others.
Controls	Manual, electric or pneumatic