

# 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 louvre systems, with manual, electric or pneumatic options.

**Aesthetically pleasing** - a simple, clean extruded aluminium louvre 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 louvre doors. If noise reduction is required, acoustic louvre 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**

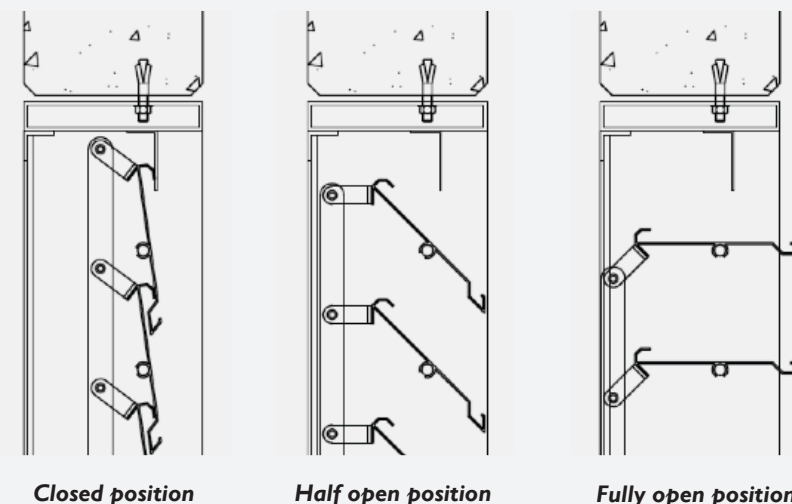
Class A2 - up to 0m/s suction velocity  
Class B2 - up to 1.5m/s suction velocity  
Class C2 - up to 2.0m/s suction velocity  
Class D2 - up to 3.5m/s suction velocity

**Options**

Special shapes  
Doors  
Roof turrets



**SECTION DETAILS**



**PRODUCT SPECIFICATION**

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