

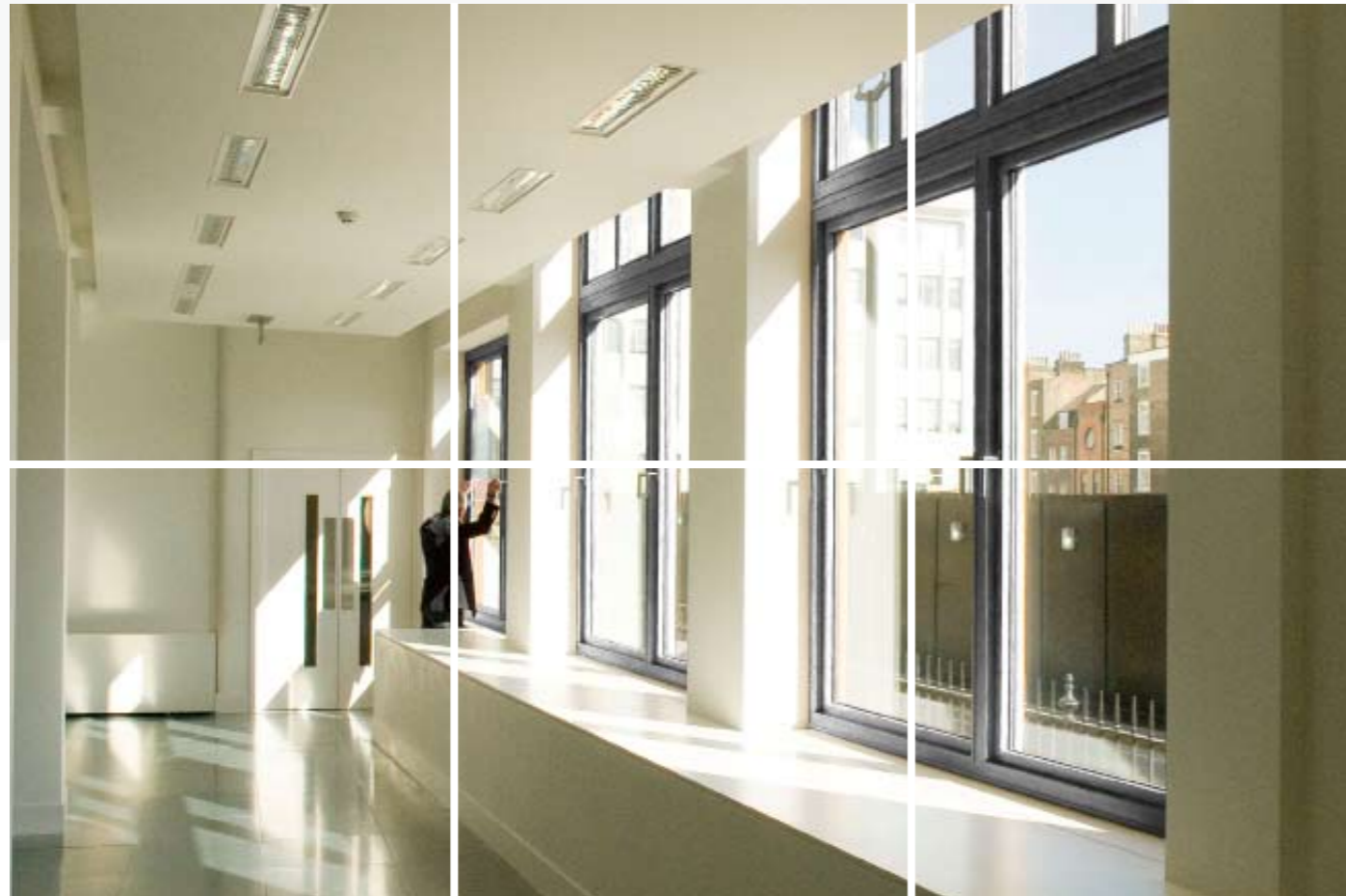
blyweert[®]
Range

Triton POV

High Performance 3 Chamber Aluminium Parallel Opening Vent Systems

www.blyweertbeaufort.com





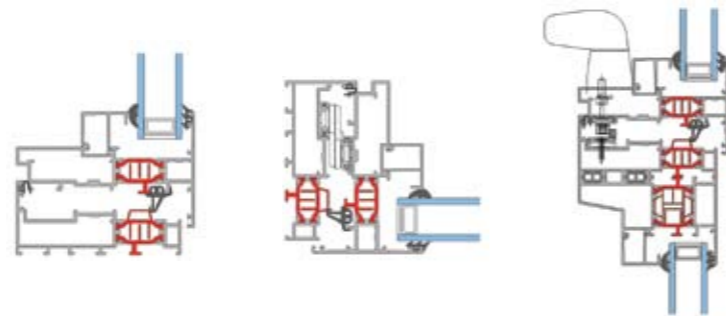
TRITON POV

High Performance 3 Chamber Aluminium Parallel Opening Vent Systems

Triton POV is a 3 chamber aluminium window incorporating parallel opening vents. Triton POV is designed to offer optimum, balanced and effective natural ventilation of the building. Parallel Opening Vents vents can be restricted to 40mm openings and still provide whole perimeter ventilation and effective air exchange.

Design Features

- 3 Chamber window and door system
- System provides a safe, secure and well ventilated environment
- Solution to providing maximum balanced ventilation
- Vents weighing up to 200kg can be manually operated
- Allows the natural reflective aesthetic of the facade to be maintained even when vents are open



Cill Detail

Jamb Detail

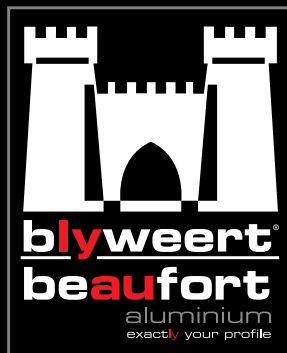
Vent Detail

Options

- Parallel Plus vents can be restricted to 40mm openings and still provide whole perimeter ventilation and effective air exchange. (Tested and proven at the BRE)
- Air exchange equivalent to conventional window operating systems open to 100mm or more
- Completely adjustable parallelism system
- High resistance to corrosion
- Hardware manufactured from 304 grade austenitic stainless steel

Sizing		
Installation depth of frame	Frame Panel	105mm 60mm
Min. profile width frame	Frame Panel	51mm 41mm
Min. profile width frame	Frame Panel	51mm 67mm
Min. external profile width of frame	Frame Panel	24mm 94mm
Min. profile width of T-frame		73mm
Rebate height		22mm

Performance	
Thermal Insulation Uf	Uf value between 2.6 W/m ² K and 3.1 W/m ² K depending on the selected frame-panel combination
Air Permeability	Up to 600 Pa (Class 4) (EN 1026; EN 12207)
Wind Resistance	Up to 1600 Pa (EN 12211; EN 12210) (C4)
Water Penetration	Up to 2000 Pa (EN 750 - EN 1027; EN 12208) (E 2000A)



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BS 7950



BS 4873



Official Police Security Initiative



EMS 533907



FM 37878



Certified to LPS 1175: Issue 1
Security Rating 2