



HC-Vd,s,f

APR Vision Panels

PBSC provide installation, servicing, technical advice, product selection and demonstrations for clean controlled environments with **Innovation, Design and Quality** at the heart.

PBSC manufacture high quality clean room, high containment and material decontamination products. When you need areas and staff to be contamination free and protected from pathogens, you need dependable equipment which will maintain critical biosafety levels, achieve sterility and protect data reliability.

Complying with local and global regulations **PBSC's** products can be designed to meet your specific requirements. Over 30 years knowledge and competence within the specialist sectors, always going through extensive research and development and offering accurate assistance during project planning to consultants, architects and end users to deliver successful projects.



Innovation

Incorporating your requirements to create product ranges to exceed expectations



Design

Leading the way with pioneering design, ensuring customer requirements are achieved



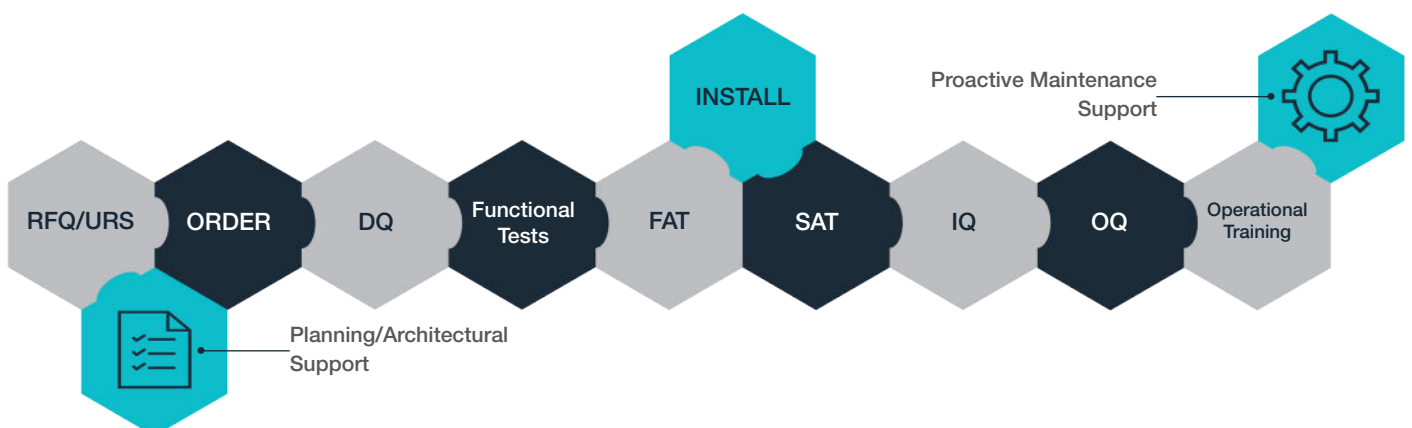
Quality

Delivering high quality products for over 30 years, with rigorous testing and inspection

PBSC is the accepted benchmark by which others are measured...

The search for innovative design, an eye for detail and advanced manufacturing techniques has seen **PBSC** gain a deserved reputation as the premier supplier within cleanroom environments.

Supporting the customer throughout the process continuing to meet the growing challenges and striving for continual improvement with our ISO 9001 QA processes independently audited and updated on a regular basis.



Description



PBSC's range of vision panels provides excellent functionality and aesthetics throughout your facility. The high containment vision panel is available in double-glazed or single-glazed options with a polished stainless-steel frame, mechanically sealed to the wall with a compression gasket. PBSC also offers window systems that use structural silicone for finishing to walls.

PBSC's vision panels can be installed into cast concrete, concrete block, or stud walls. Pressure test points are incorporated to enable fast and easy checking of the gasket seal.

PBSC's technical department can provide extensive test data, listing tests conducted at pressure differences of up to 2000 Pa.

PBSC also offers a range of security and fire-resistant options. The security window is available up to SR5, tested and certified by BRE, and have passed rigorous testing to ensure maximum protection. The fire-rated option is available for up to 120 minutes of integrity. Other options with insulation are available.

Please contact PBSC for specific information on these specialist windows.

Vision panels are essential in controlled environments from BSL2 to BSL4-Ag to provide visibility and a friendly and functional open space atmosphere.

Leakage Rates



Typical pressure loss at SAT of 38Pa over 30 minutes, with a starting pressure of 500Pa.

Applications



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Custom designs are available on request.

Options

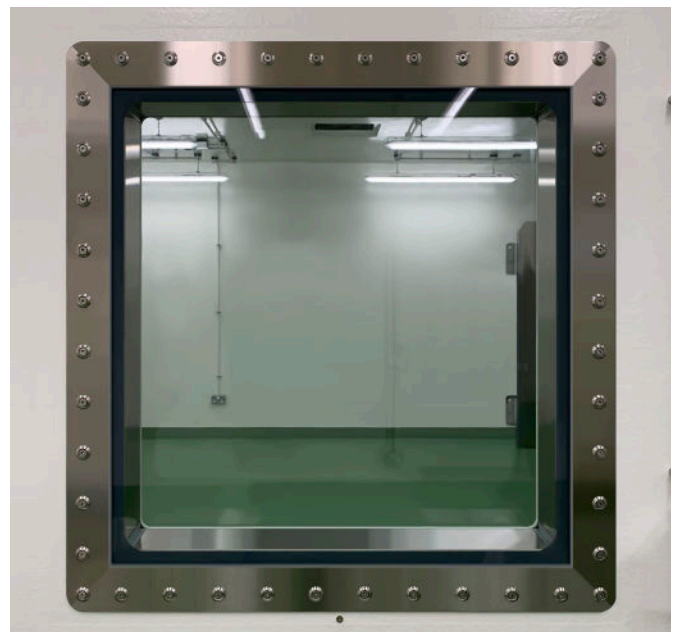


- Fire rated
- Security Rating up to and including SR5
- Mullion for larger openings
- Acoustic upgrades
- Venetian or roller blinds
- 304 or 316 stainless-steel construction

Key Features



- Flush glazing (double glazed version)
- Easy to clean and maintain
- Simple pressure testing
- Double glazed to provide redundancy for sealing
- Providing a friendly and functional environment
- Fast and easy checking
- Polished stainless-steel frame



PBSC Staying in Control of Controlled Environments

Established in 1987 **PBSC** has become one of the leading manufacturers of clean room, high containment and material decontamination products throughout the world and having the extensive product range and bespoke designs and assembly capabilities can meet customers needs.

Providing high quality products and services to the pharmaceutical, medical research, high containment and hospital sectors, offering quick and accurate assistance during project planning to consultants, architects and end users.

PBSC have agents and representatives in most countries to provide excellent local support and logistical services to make sure your products arrive on time.

Products include;

- Clean Room Doors
- Pneumatic Inflatable Seal /Airtight Door Sets
- Mechanical Seal / Airtight Doors
- Material Decontamination Chambers
- Transfer Hatches / Cleanroom Pass Through
- Fogging Showers / Mist Showers
- Air Showers

www.pbsc.co.uk
www.pbsc-inc.com

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PBSC reserve the right to introduce changes in performance, configuration and technology, dimension, weights and materials in the course of technical progress. Images may not be accurate. Some of the information/images/equipment described or shown may only be available at extra cost. Features & specifications will vary. Please contact PBSC for specific design options.