



# 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



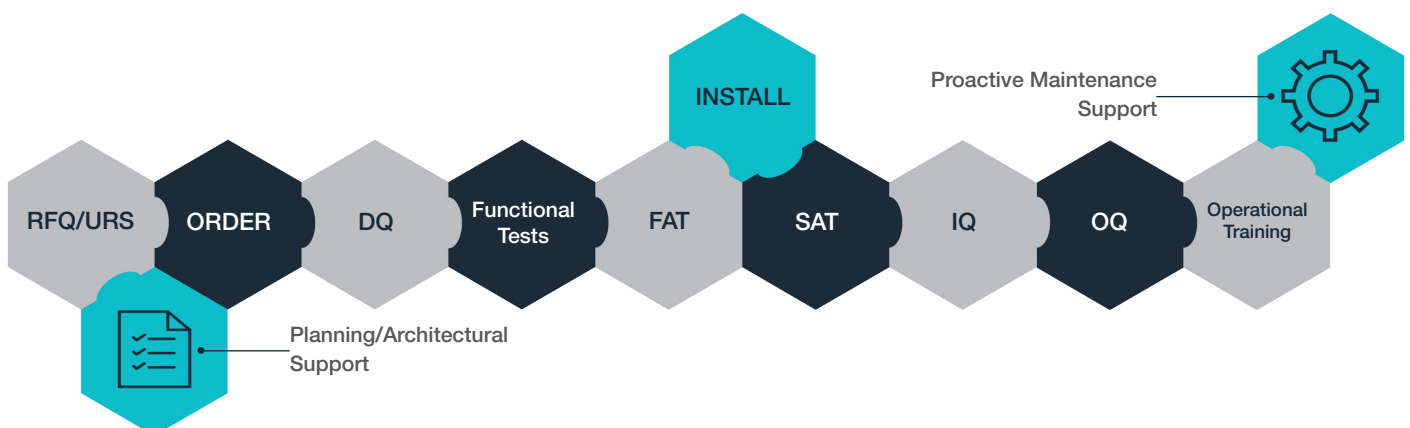
### Quality

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 provide excellent functionality and aesthetics throughout your facility. Our high containment vision panel is available double glazed or single glazed with a polished stainless-steel frame. It is mechanically sealed to the wall with a compression gasket. We also offer window systems that use structural silicone for finishing to walls.

Our 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.

Extensive test data is available from our technical department listing tests up to 2000 Pa pressure differences.

PBSC provide security and fire rated options. The security window is available up to SR5, tested and certified by BRE. The fire rated option is available up to 120 minutes integrity, other options with insulation available.

Please contact PBSC for specific information on these specialist windows.

## Applications



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

Custom designs are available on request.

## Leakage Rates



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

## Key Features



- Flush glazing (double glazed version)
- Easy to clean and maintain
- Simple pressure testing
- Double glazed to provide redundancy for sealing

## 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



## 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](http://www.pbsc.co.uk)  
[www.pbsc-inc.com](http://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