

## CleanVent® (Horizontal Sliding Window)

CleanVent® is a unique sliding security window with a unique patented easy CleanVent® system, providing SecureLock access to the protected glazing behind the security mesh. CleanVent® can be internally or externally opened depending on the security level required. Developed as a direct result of feedback from NHS Trusts across the UK and following extensive research and testing.

### Manufacture - Steel

All CleanVent® windows are manufactured from cold rolled mild steel thermally broken profiles. Profiles are cut to specified lengths then welded together and dressed off to form a smooth and level finish. No joints are visible. Beads are square-cut and either snap on or security fixed in place.

### Manufacture - Aluminium

All aluminium CleanVent® windows are manufactured from extruded thermally broken profiles, cut to specified lengths, with corners mitred and joints glued and crimped together. Beads are square-cut and either wedged in place with specialist gaskets or security fixed in place.

### Quick View

<b>Product</b>	Cleanvent® sliding window with opening internal or external vent for east cleaning. The SecureLock cylinder can be fitted either internally or externally for maximum security
<b>Applications</b>	Healthcare facilities (High - Medium - Low Secure)
<b>U-Values</b>	CleanVent® windows achieve a U-Value of 2.2w/m <sup>2</sup> K or lower (depending upon specific o/a sizes and glazing specifications)
<b>Quality</b>	All CleanVent® windows are designed, manufactured and installed in accordance with ISO 9001 (certificate available)
<b>Weather Test</b>	CleanVent® windows are tested to meet BS6375 and enhanced CWCTT N 41
<b>Warranty</b>	Warranties of up to 25 years available



External Opening CleanVent®  
External view



Internal view with external SecureLock  
Internal Opening CleanVent®



CleanVent®  
isometric internal view

## Cleanvent® Features

### Standard Features

- Easy to clean from all sides
- Patient and/or staff control (manual or electric)
- Thermally enhanced to meet document L or J (Scotland)
- Weather tested to BS6375 & enhanced CWCT TN 41

### Narrow frame to maximise natural light

- Narrow frame to maximise natural ventilation
- Easy to de-glaze and re-glaze by authorised personnel
- Designed for minimal maintenance with integrated drainage
- Standard glazing capacity 8-56mm

### Security and safety features

Unique Anti-Ligature vent frame with SecureLock  
Gasketed back snipped and glued  
Anti contraband/escape/burglar security grilles  
Wasp/fly & vermin resistant grilles

### Additional features

- Fendor Anti Ligature Trickle Vents available
- Enhanced acoustics/solar control/thermal performance
- Integral blinds within fixed pane (manual/electrically opened)
- Local and remote electronic operation available (staff override)
- Enhances building energy performance
- Anti-bacterial finish to glass, metal components and sealants

### Hardware

- Standard and bespoke Anti Ligature hardware available
- Slipper Clutch® opening mechanism available

### Product Data

<b>Material</b>	Available in Steel, Aluminium and Steel/Aluminium composite
<b>Orientation</b>	Horizontal sliding window with quick release, easy clean and SecureLock feature
<b>Sustainability</b>	All material used in Fendor CleanVent® windows are environmentally sustainable and can be fully recycled supporting building energy performance criteria
<b>Finish</b>	Full RAL/BS powder range/Dual colour/Stainless Steel/Bespoke finishes available
<b>Glazing Options</b>	Single/Double/Triple/Security/Acoustic/Integral blinds glazing options available
<b>Patent</b>	UK Patent Application No: 0921129.3/PCT/GB2010/052025
<b>EC Reg. Design</b>	001789439-0001-0003

### Product Testing/Standards

<b>Standard</b>	In accordance with approved documents
<b>Weather</b>	In accordance with approved documents
<b>Security</b>	Full range of testing available. Please contact Fendor's Technical Support Team
<b>Acoustic</b>	Subject to glass specification. Full details available.