

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

Product	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
Applications	Healthcare facilities (High - Medium - Low Secure)
U-Values	CleanVent® windows achieve a U-Value of 2.2w/m ² K or lower (depending upon specific o/a sizes and glazing specifications)
Quality	All CleanVent® windows are designed, manufactured and installed in accordance with ISO 9001 (certificate available)
Weather Test	CleanVent® windows are tested to meet BS6375 and enhanced CWCTT N 41
Warranty	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

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

Product Testing/Standards

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