

Elevate Aisle Containment Hot Aisle Blanking Panels



Product Overview

The Elevate Hot Aisle Containment System manages data centre airflow by channelling server exhaust heat directly into the ceiling plenum or CRAC/CRAH return, isolating hot and cold air streams to reduce thermal inefficiencies and improve cooling performance by up to 30%.

The Elevate Hot Aisle Blanking Support Panels are modular components designed to maintain continuous airflow separation within the Elevate Hot Aisle Containment System. Constructed from high-quality extruded anodised aluminium and fitted with 8 mm clear polycarbonate inserts, these panels provide a versatile solution for enclosing gaps around building pillars or structural obstructions. Available in heights of 42U, 47U, and 52U, with widths of 600 mm or 800 mm, they enable the creation of a complete containment system without compromising thermal efficiency.

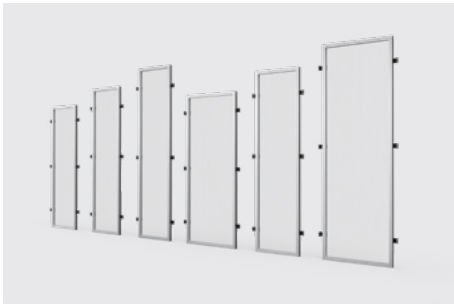
- ✓ High quality, light weight aluminium frame
- ✓ Designed for use around building pillars
- ✓ Available in a range of sizes
- ✓ Installs directly onto adjacent panels
- ✓ Uses 8 mm polycarbonate clear plastic
- ✓ Complies with EN 13501-1: B, s1, d0

Product Features Explained



Adaptable Design for Structural Obstructions

Enables full containment around building pillars, ensuring uninterrupted airflow separation and optimal cooling performance.



Multiple Size Options

Available in 42U, 47U, and 52U heights with widths of 600 mm or 800 mm, providing flexibility for different rack configurations.



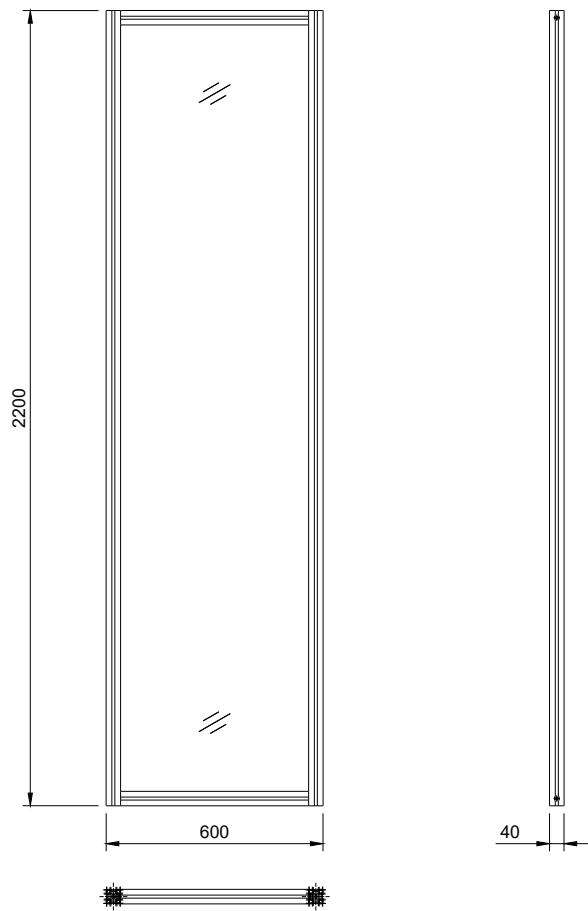
Premium Construction

Manufactured from extruded anodised aluminium with clear polycarbonate inserts for durability and a professional finish.

Product Specifications

Feature	Values
Width	600 mm, 800 mm
Height	1978 mm, 2200 mm, 2422 mm,
Depth	40 mm
Colour	Silver

Product Drawing



Applicable Standards

Standard	Description
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states.
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.
Complies with EN 13501-1: B, s1, d0	Compliant with EN 13501-1 fire classification for construction products, achieving B, s1, d0 performance — indicating very limited contribution to fire, minimal smoke production, and no flaming droplets.

Part Number Table



Part Number	Description
577-6442	Elevate Aisle Containment Blanking Plate 42U 600W
577-6447	Elevate Aisle Containment Blanking Plate 47U 600W
577-6452	Elevate Aisle Containment Blanking Plate 52U 600W
577-8442	Elevate Aisle Containment Blanking Plate 42U 800W
577-8447	Elevate Aisle Containment Blanking Plate 47U 800W
577-8452	Elevate Aisle Containment Blanking Plate 52U 800W