

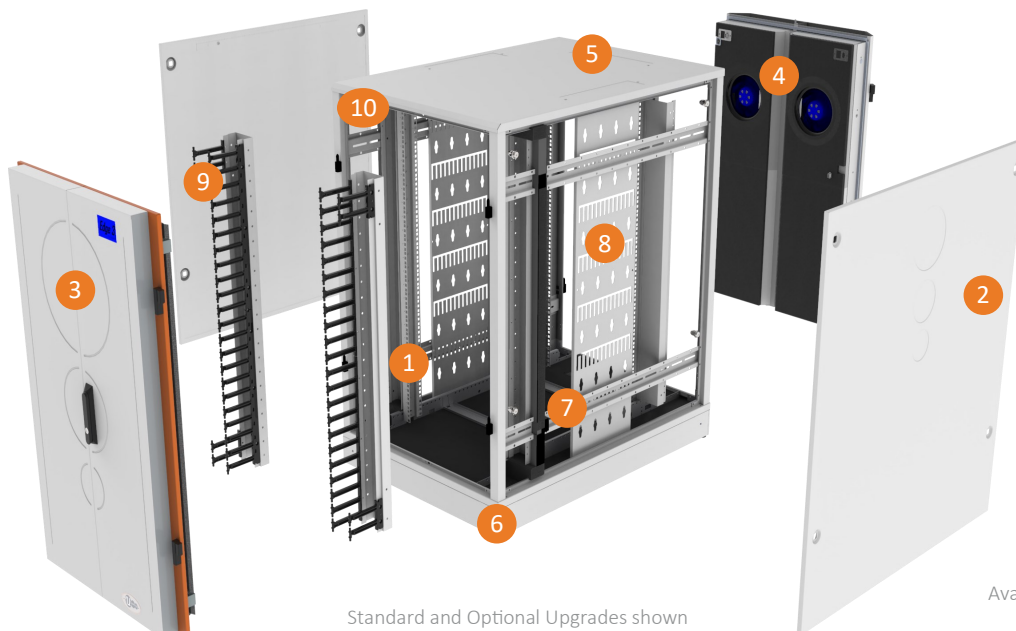
# EDGE-3

## Soundproof Air-Cooled MDC

Arguably the best all round performing air-cooled soundproof MDC in the world - the *EDGE-3* replaces the need for a dedicated server room and only requires less than 1m<sup>2</sup> of valuable office/floor space, allowing localised on premise computing in populated or more sensitive locations - especially where there might be a concern of server noise being a distraction or breaching EEC working noise guidelines.

Capable of housing full depth high heat load servers the *EDGE-3* is easy to deploy and simple to set-up and most importantly, the *EDGE-3* incorporates the latest technology for real time environmental and security monitoring. The *EDGE 3* effortlessly removes these issues and stylishly blends into the working environment. The 42U cabinet effectively removes up to 28.5dBA (99.9%) of IT noise, which is tech speak for saying that it will reduce server noise down to a whisper.

Advanced configurations are available for enhanced levels of security and redundancy.



Standard and Optional Upgrades shown

Available in 12U, 24U, 42U

- EDGE Management System EMS
- Earth bonding kit
- Fire retardant soundproofed server cabinet frame
- Fully adjustable front and rear mounting angles, Finish Black (Light Grey shown for image clarity) (1)
- Easily removable fire retardant soundproofed side panels (2)
- Wardrobe style front and rear doors (3)
- Energy efficient EC fans (4)
- Fire retardant soundproof cable entry system (5)
- 750kg load bearing castors (6)
- Three top and three bottom cable entry points accessible via removable gland plates (5)
- Two pairs of depth support rails (7)
- One foam cable entry block (Supplied loose)
- Option upgrade — Fixed plinth, Levelling feet and dynamic load brackets (6)
- Option upgrade — 300mm wide cable trays, Finish Black (Light Grey shown for image clarity) (8)
- Option upgrade — Pair cable manager fingers (9)
- Option upgrade — Wired Camera (10)



We engineer for a sustainable tomorrow.

# Technical Specifications

General		Edge 3 12U	Edge 3 24U	Edge 3 42U
Order Code — 100 to 115v	Light Grey Black	E3G-1211-15 E3B-1211-15	E3G-2411-15 E3B-2411-15	E3G-4211-15 E3B-4211-15
Order Code — 200 to 240v	Light Grey Black	E3G-1211-24 E3B-1211-24	E3G-2411-24 E3B-2411-24	E3G-4211-24 E3B-4211-24
H x W x D	mm	720 x 780 x 1100	1154 x 780 x 1100	2054 x 780 x 1100
Weight (Cabinet)	kg/lbs	140 /308	204/449	328/723
Weight (300mm Extension Frame)	kg/lbs	23/51	33/73	47/104
Dynamic load *inclusive of cabinet weight	kg/lbs	750/1653		
Static load *inclusive of cabinet weight	kg/lbs	750/1653 (on Castors) 1500/3307 (on Levelling Feet)		
**Index of Protection		IP44 - Upgrade to IP54 available		
Noise reduction of IT noise	dBA	28.5dBA (99%)		
Paint finish	Light Grey Black	Semi Gloss powder coat - Light Grey RAL 7035 and Orange RAL 2009 Semi Gloss powder coat - Black RAL 9005		
Frame material	mm	1.5mm CR4 steel		
Passive and active doors material	mm	1.0mm, 1.2 & 2.0 mm CR4 steel		
Top Cover material	mm	1.2mm CR4 steel		
Mounting angles material	mm	2.0mm CR4 steel		
Foam	mm	Fire Retardant		
Intelligence				
Monitoring Function		On touch		
Touch Screen LCD display		Colour Alarm - Shows temperature & humidity, contact sensors		
EC Fan Control		Up to 2 - 2 set fan curves and custom option		
Temp + Humidity		Up to 4 sensors		
Door Status		Up to 6 dry contacts		
Alarming		SMTP & LCD Display alarms		
Reporting		Local reporting - Alarms Fan Speed Temperature and Humidity Contact sensor Camera		
Alerts		Notify when service or filter is due		
Connectivity		SNMP V1 , V2 & V3 out		
Cooling Capacity		Edge 3 12U	Edge 3 24U	Edge 3 42U
Max. Thermal Load	kW	12	12	12
Fan Type		Backward curve EC Fan		
Cooling Type		Air Cooled		
Air cooling capacity 230V	kW	6.2	10.5	11.5
Air cooling capacity 115V	kW	6	9	10

\*Dynamic Load Rating is the total rolling mass of the rack and includes the rack frame, cladding and any fitted equipment and accessories and is subject to the load being evenly distributed at 20U height and below. Dynamic load relates to the movement of a rack within the same data centre on a smooth floor clear of any obstacles. Not suitable for transportation on a vehicle when loaded to this weight.

\*\*This figure will be affected if the filter is not fitted/regularly maintained

# Accessories

Option		Edge 3 12U	Edge 3 24U	Edge 3 42U
300mm Deep Server Extension Kit (Factory Fitted)	Light Grey Black	E3G-1230-EX-AF E3B-1230-EX-AF	E3G-2430-EX-AF E3B-2430-EX-AF	E3G-4230-EX-AF E3B-4230-EX-AF
300mm Deep Server Extension Kit (Packaged Accessory)	Light Grey Black	E3G-1230-EX-AA E3B-1230-EX-AA	E3G-2430-EX-AA E3B-2430-EX-AA	E3G-4230-EX-AA E3B-4230-EX-AA
IP54 Upgrade Kit (Factory Fitted)		E3X-12-IP-AF	E3X-24-IP-AF	E3X-42-IP-AF
IP54 Upgrade Kit (Packaged Accessory)		E3X-12-IP-AA	E3X-24-IP-AA	E3X-42-IP-AA
Fixed Kick Plinth Kit (Packaged Accessory)	Light Grey Black	E3G-PK-AA E3B-PK-AA		
Top Ducting Exhaust System (Factory Fitted)	Light Grey Black	N/A	E3G-DS-AF E3B-DS-AF	
Top Ducting Exhaust System (Packaged Accessory)	Light Grey Black	N/A	E3G-DS-AA E3B-DS-AA	
Cisco Side Venting Kit (Factory Fitted) *	Black	E3B-12-CK-AF	E3B-24-CK-AF	E3B-42-CK-AF
Cisco Side Venting Kit (Packaged Accessory) *	Black	E3B-12-CK-AA	E3B-24-CK-AA	E3B-42-CK-AA
75w Cable Tray (Factory Fitted)	Black	E3B-1275-CT-AF	E3B-2475-CT-AF	E3B-4275-CT-AF
75w Cable Tray (Packaged Accessory)	Black	E3B-1275-CT-AA	E3B-2475-CT-AA	E3B-4275-CT-AA
300w Cable Tray (Factory Fitted)	Black	E3B-1230-CT-AF	E3B-2430-CT-AF	E3B-4230-CT-AF
300w Cable Tray (Packaged Accessory)	Black	E3B-1230-CT-AA	E3B-2430-CT-AA	E3B-4230-CT-AA
Cable Management Fingers (Pair) (Factory Fitted) *	Black	E3B-12-CM-AF	E3B-24-CM-AF	E3B-42-CM-AF
Cable Management Fingers (Pair) (Packaged Accessory) *	Black	E3B-12-CM-AA	E3B-24-CM-AA	E3B-42-CM-AA
Passive Filter Replacement Kit (Pair) (Packaged Accessory)		E3X-12-PF-AA	E3X-24-PF-AA	E3X-42-PF-AA
Active Filter Replacement Kit (Pair) (Packaged Accessory)		E3X-AF-AA		
Camera Security Kit (Factory Fitted)		E3X-CS-AF		
Camera Security Kit (Packaged Accessory)		E3X-CS-AA		
Temperature and Humidity Sensor (Packaged Accessory)		E3X-TH-AA		
Contact Sensor (Packaged Accessory)		E3X-CO-AA		
Foam Cable Entry Block (Packaged Accessory)		E3X-CE-AA		

\*Note—Cisco Side Venting Kit and Cable Management Kit will not both fit, please only select one per EDGE-3  
Factory Fitted items must be ordered with EDGE-3 cabinet