

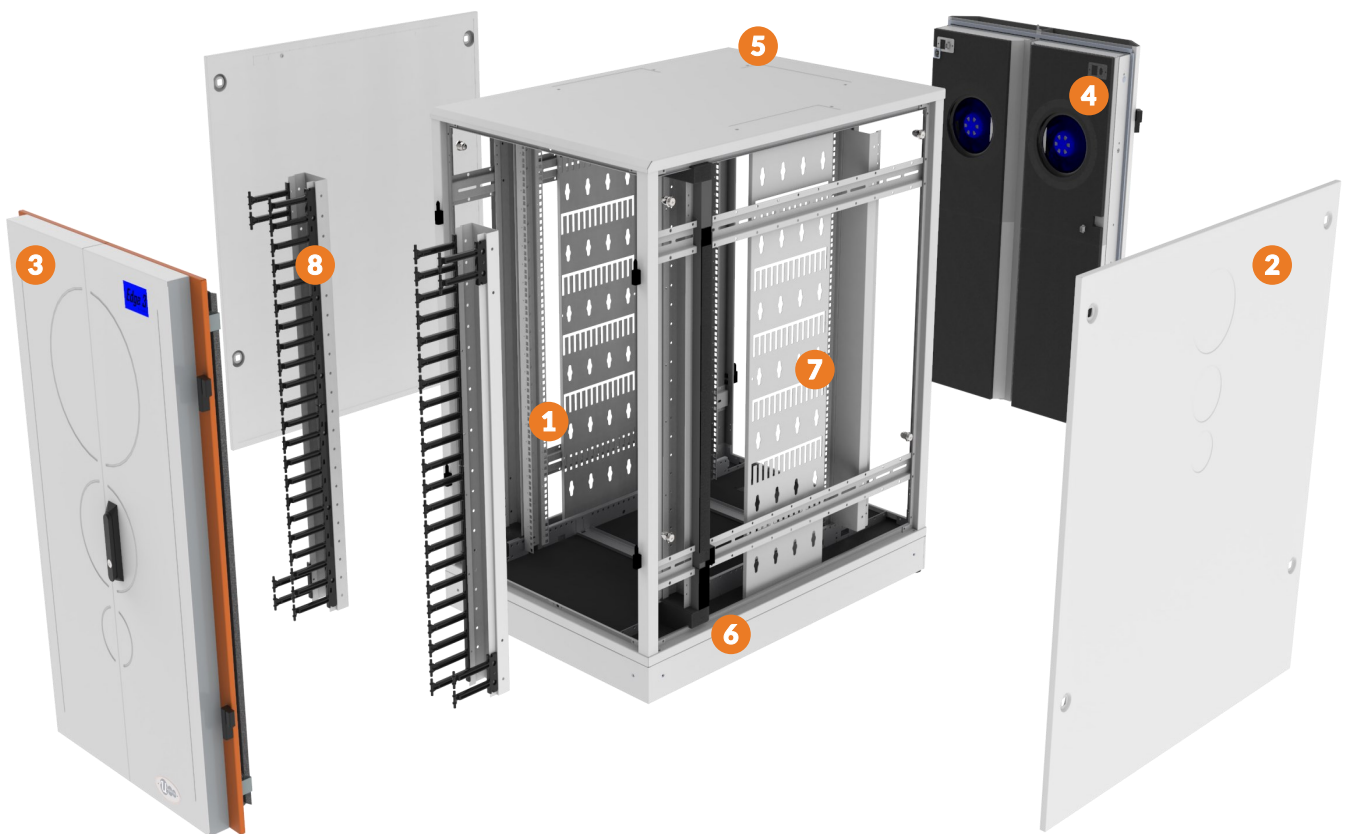
EDGE-3 Soundproof Air-Cooled MDC

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 1m² 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 IoT 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.



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 (1)
- Easily removable fire retardant soundproofed side panels (2)
- Wardrobe style front and rear doors (3)
- Energy efficient EC fans (4)
- Passive doors come complete with removable dust filters
- Fire retardant soundproof cable entry system (5)
- Six cable entry points accessible via removable gland plates (5)
- Foam cable entry block
- Fixed plinth and fitted 750kg load bearing castors (6)
- Levelling feet and dynamic load brackets (6)
- Two 300mm wide cable trays (7)
- Two pairs of depth support rails (8)

EDGE-3 Soundproof Air-Cooled MDC Technical Specifications

General		Edge 3 12U	Edge 3 24U	Edge 3 42U
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	kg/lbs	750/1653		
Static load	kg/lbs	1500/3307		
Index of Protection		IP44 - Upgrade to IP54 available		
Noise reduction of IT noise	dBA	28.5dBA (99%)		
Paint finish		Semi Glass powder coat - Light Grey RAL 7035 and Orange RAL 2009		
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 Humidity Contact sensor		
Alerts		Notify when service or filter is due		
Connectivity		SNMP in & 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