

TOTAL SOLUTION DATA CENTRE DESIGN & BUILD

High Performance Soundproof Cabinets

BROCHURE



Keeping your IT quiet and cool.

Secure I.T. Environments Ltd offer a range of highly efficient soundproof cabinets ideally suited to be housed in either office environments or technical areas - ideal for any working environment where noise from active IT equipment is distracting or invasive. This can have the added benefit of saving space and capital expenditure as there is no need to build a dedicated comms or server room separate to the office.

Secure I.T.
Environments Ltd 

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Types of Acoustic Cabinets

The Acoustic Soundproof enclosure is available in active or passive configuration and three heights – 12U, 24U and 42U; all are 780 mm wide and 1100 mm deep. Available in a range of colours and finishes to blend in with the existing surroundings.

Standard Range

Colour: Black with
Montana Blue highlights



12U High

24U High

42U High



Executive Range

The Executive cabinet comprises the same specification as the standard range with the additional option of a real wood finish to blend elegantly with other office furniture without compromising decibel attenuation, psychoacoustics, thermal performance or cabinet strength.

Standard Finishes:

Oak, Maple

Special order finishes:

Ash, Beech, Cherry, Sapele, Walnut



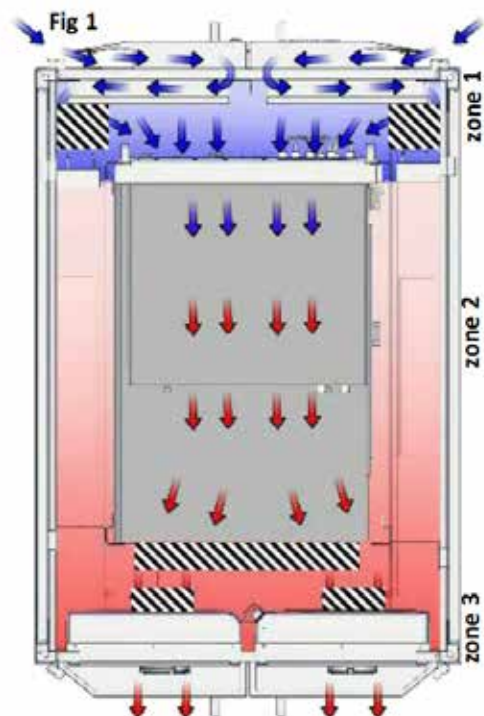
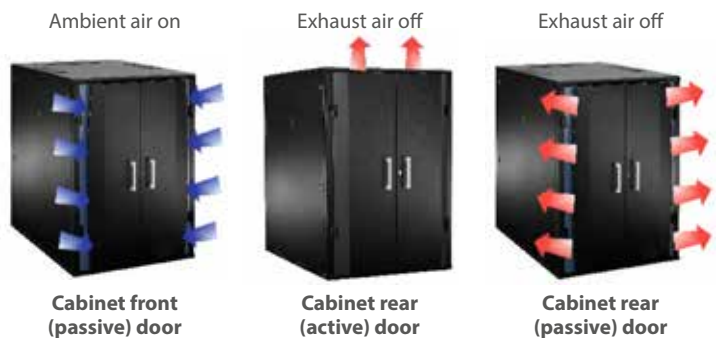
Independently tested by MIRA


Cooling:

The Acoustic Cabinet is available in active or passive configuration to provide the most energy efficient cooling capabilities:

Active cabinets: Have two centrifugal fans in the rear doors to deal with higher heat loads – to ensure maximum energy efficiency and are fitted with variable fan speed controls and temperature sensors.

Passive cabinets: Utilise the IT equipment fans to draw ambient air from the front and then rely upon the temperature differential between the cabinet IT equipment space and the room ambient temperature.



 keep these areas clear of obstruction to aid airflow



A server room in a cabinet

Key features:

- Unrivalled 12kW cooling capacity for a 42U 19" cabinet
- Removes up to 31dBA (99.9%) of IT noise reducing server noise down to a whisper
- Acoustics independently tested by MIRA to ISO 3744
- Available in 12U, 24U and 42U heights
- Compatible with all leading makes and types of server and SAN storage, including IBM, HP, Dell, Sun, Groupe Bull and EMC²
- Can be located in any office, reception, hallways without noise or temperature issues
- Heat can be directed into another room, office warehouse or outside during winter months
- Wardrobe style front and rear doors on active and passive cabinets
- Active rear doors contain one EC fan in each door; each fan has a speed controller and temperature sensor
- Built in environmental monitoring system, accessible via the free integral web user interface (WebUI)
- Fully adjustable 19" mounting angles fitted front and rear
- Soundproof cable entry system
- Six cable entry points via removable gland plates, three at the top and three at the bottom
- Load bearing castors
- For maintaining the IT equipment, all doors and panels are easy to remove and refit
- Range of intelligent locking solutions (proximity, electronic handles, keypad and bio finger print, door status sensors (optional)
- Internal power monitoring (optional)
- Wide variety of accessories
- Soundproof wall boxes also available