



Ecotel™ Fan Box

5-32kW

- + Free cooling solution
- + Up to 90% energy cost savings on cooling in Telecom cabins, switchgear and equipment rooms



For Telecom cabins, switchgear and equipment rooms

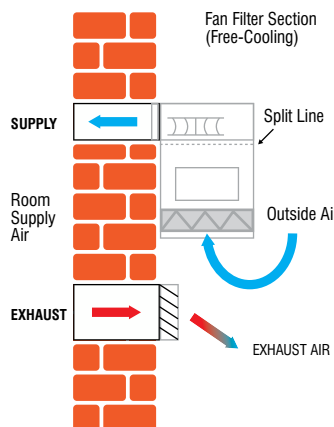
- Up to 90% energy cost savings on cooling in Telecom cabins, switchgear and equipment rooms
- Free cooling is cost-effective controlled ventilation: The Telecom cabin or room is cooled by means of ambient air without any refrigeration
- Operates with overpressure, delivering filtered air into the room, thereby ensuring a clean environment for the radio transmission or switchgear equipment
- Dual and Quad Fan Box solution available ranging in capacity from 5 – 32kW at delta-T 8°C and air flow rates up to 11,880m³/h @100Pa
- Available for both, 240V AC and +/- 48V DC power, allowing for effective emergency cooling
- Adequate, as sole cooling solution, for cooling cabins or rooms in most climate conditions

Benefits

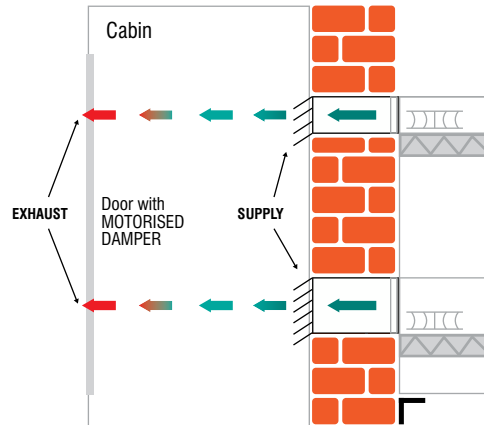
- No internal space required
- Can be fitted to metal cabin or brickwork
- Optional air discharge points
- Filtration to G4 standard (EN779:2012)
- 2 hour fire rated actuated louvres available

Unit Operation

Dual Fan Box



Quad Fan Box



Technical specifications

In warm climates and in climates with high temperature peaks, an Ecotel™ unit with a combination of free cooling and DX back up, is recommended.

This combination prolongs the service life of the air conditioning unit, and generates significant energy savings, when free cooling is active.

	Dual	Quad
*Maximum Capacity in kW @ 8°C Temperature Difference	11.5	32
Maximum Air Flow m³/h @100Pa	4,320	11,880

* Value based on duty = mass flow rate x specific heat x temperature difference



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