



The next generation fan convector offering energy efficiency, safety with its low surface temperature casing and controllability with built-in room thermostat. Suitable for use on both existing boiler systems and those driven by renewable technology such as ground or air-source heat pumps. Using only 5% of the water content of an equivalent output radiator the Ecovector Vertical low level fan convector is fast, responsive and very quiet in operation. Provides warmth from the floor upwards – the ideal heating pattern – but is more responsive, energy efficient and effective than either under-floor heating or radiators. Will heat the room more quickly than other heat emitters thereby reducing the amount of time your boiler or heat pump is running.



Independent tests* show that fan convectors are at least 24% more energy efficient than a panel radiator in heating up a room.

*Tests carried out by BSRIA (Building Services Research and Information Association) in August 2008

Model	Room Size Guide* (m ²)	Heat Output Δt 60°C		Heat Output Δt 50°C		Heat Output Δt 20°C		Sound Levels		Casing Colour	Fan-Only
		Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal kW (Btu/h)	Boost kW (Btu/h)	Normal (dBA)	Boost (dBA)		
Hydronic											
Ecovector® VE 2500	56	2.5 (8500)	2.6 (8800)	2.0 (6900)	2.1 (7300)	0.9 (3200)	1.0 (3400)	36	39	White	•

*Room sizes given in cubic metres for general guidance only based on normal heat output (Δt 60°C) for domestic applications - always calculate heat losses. Δt 60°C assumes a mean water temperature of 80°C and room temperature of 20°C. Δt 50°C assumes a mean water temperature of 70°C and room temperature of 20°C. Δt 20°C assumes a mean water temperature of 40°C and room temperature of 20°C. Hydronic outputs tested in accordance with BS 4856. Fan-only option operational only when central heating system is switched off. Sound levels measured at 1.5m.

Model	Flow & Return Connections	Mains Cable	Transformer	Flexible Hoses	Isolating Valves	Fused Spur	Power Consumption		Water Capacity (Litres)
							Normal Watts	Boost Watts	
Hydronic									
Ecovector® VE 2500	15mm	1.5m	n/a	n/a	n/a	3A	28	36	0.75

Finish

Front casing and side panels: zinc-coated steel. Polyester powder-coated: textured white BS 4800 00A01 18% gloss.

Installation

- Mounting bracket supplied
- Unit must be earthed
- Suitable for two-pipe central heating systems
- Minimum height above floor level 150mm, maximum height above floor level 500mm

Commissioning

Check water is hot enough to activate the selectable low temperature cut-out thermostat.

Controls

Rocker switch - normal/off/boost.

Push on/push off switch.

Built-in room thermostat.

Selectable low temperature cut-out thermostat, set to 38°C for heating systems run from renewable technologies and 52°C for standard and condensing boiler heat generators.

Ecovector® VE 2500

