

Ecovector® Low

Ecovector® Low Level fan convectors provide warmth from the floor upwards and are more energy efficient and effective than radiators. The Ecovector® can heat up a room more quickly than radiators, thereby reducing the amount of time your boiler or heat pump is running - making it extremely efficient and cost effective. Ideal for new and existing developments, due to ease of installation, the Ecovector® is available in a range of models to suit varying room sizes and heat output requirements. Supplied as standard in white but casing can be supplied in any colour.



Model	Room Size Guide* (m ³)	Heat Output at 80°C		Heat Output at 75°C		Heat Output at 70°C		Heat Output at 65°C	
		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 kW (Btu/h)	Boost kW (Btu/h)
Hydronic									
Ecovector LL 1200	34	1.2 (4000)	1.6 (5400)	1.1 (3700)	1.4 (4800)	1.0 (3350)	1.3 (4300)	0.9 (3000)	1.1 (3900)
Ecovector LL 2000	57	2.0 (6900)	2.6 (8900)	1.9 (6400)	2.4 (8200)	1.6 (5500)	2.2 (7600)	1.5 (5000)	1.9 (6600)
Ecovector LL 2800	80	2.8 (9700)	3.5 (12100)	2.6 (9000)	3.2 (11050)	2.3 (8000)	2.9 (10000)	2.0 (6800)	2.6 (9000)

Model	Room Size Guide* (m ³)	Heat Output at 60°C		Heat Output at 55°C		Heat Output at 50°C		Heat Output at 45°C	
		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 kW (Btu/h)	Boost kW (Btu/h)
Hydronic									
Ecovector LL 1200	34	0.8 (2600)	1.0 (3450)	0.7 (2250)	0.8 (2900)	0.6 (1900)	0.7 (2500)	0.5 (1600)	0.6 (2050)
Ecovector LL 2000	57	1.3 (4550)	1.7 (5900)	1.2 (4050)	1.6 (5300)	1.0 (3500)	1.3 (4400)	0.9 (3050)	1.1 (3700)
Ecovector LL 2800	80	1.9 (6400)	2.4 (8100)	1.5 (5200)	2.1 (7200)	1.3 (4500)	1.8 (6100)	1.2 (4000)	1.5 (5200)

Model	Room Size Guide* (m ³)	Heat Output at 40°C	
		Normal kW (Btu/h)	Boost kW (Btu/h)
Hydronic			
Ecovector LL 1200	34	0.4 (1250)	0.5 (1600)
Ecovector LL 2000	57	0.7 (2500)	0.8 (2900)
Ecovector LL 2800	80	1.0 (3250)	1.2 (4200)

Model	Room Size Guide* (m ³)	Sound Levels		Casing Colour	Fan-Only
		Normal (dBA)	Boost (dBA)		
Hydronic					
Ecovector LL 1200	34	32	38	White	n/a
Ecovector LL 2000	57	35	40	White	n/a
Ecovector LL 2800	80	37	42	White	n/a

*Room sizes given in cubic metres for general guidance only based on normal heat output (80°C) for domestic applications - always calculate heat losses. Heat outputs tested in accordance with BS4856 using entering water temperature and 340 l/h (75gph) flow rate. Sound levels measured at 1.5m.

Model	Flow & Return Connections	Mains Cable	Transformer	Flexible Hoses	Isolating Valves	Fused Spur	Total Power Consumption		Water Capacity (Litres)
							Normal (Watts)	Boost (Watts)	
Hydronic									
Ecovector LL 1200	15mm	1.5m	n/a	n/a	n/a	3A	17	21	0.29
Ecovector LL 2000	15mm	1.5m	n/a	n/a	n/a	3A	26	55	0.58
Ecovector LL 2800	15mm	1.5m	n/a	n/a	n/a	3A	43	76	0.83

Ecovector® Low Level

Finish

Front casing: zinc coated steel. Polyester, powder-coated: textured white BS 4800 00A01 18% gloss
Side panels: polymer eggshell white

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

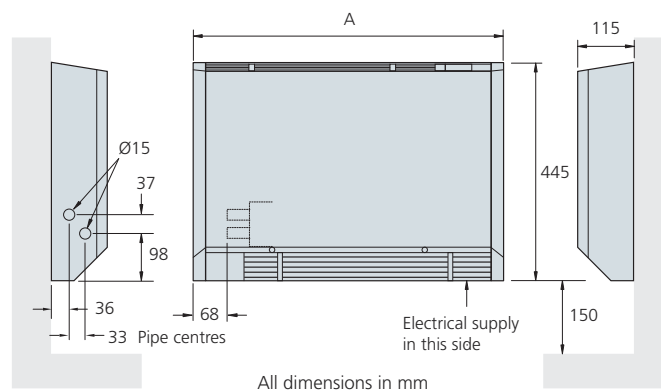
Controls

Rocker switch - normal/off/boost

Built-in room thermostat

Low temperature cut-out thermostat set to energise fan at approximately 35°C

See Glossary on page 46 for further information on Accessories



Model	A
LL 1200	635
LL 2000	1025
LL 2800	1385