Eco-Powerad®

The Eco-Powerad is the fan convector of the future - energy efficient, responsive and suitable for installation within most wet central heating systems, driven by either boilers or low temperature renewable technology

Features
- Compact, with smooth lines to achieve visual simplicity, the Eco-Powerad also features low surface temperature casing for complete safety and possesses a very low operating sound - between 28 and 32 decibels
- Compatible with most types of wet central heating systems, functioning equally efficiently with conventional boilers, biomass technology or ground or air source heat pumps
- Supplied as standard in white but casing can be supplied in any colour

Applications
- Education
- Healthcare
- Places of worship
- Leisure and sport
- Office
- Hospitality
- Retail
- Showroom
- Industrial
- Residential

Motor
AC only

Finish
Front casing: zinc coated steel
Polyester powder-coated RAL 9010

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

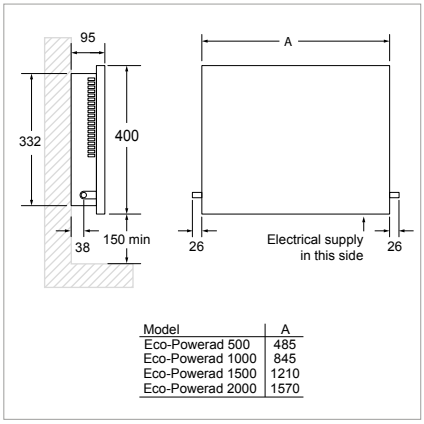
Commissioning
Check water is hot enough to activate the low temperature cut-out thermostat. Ensure system is balanced for even heat distribution

Control
Low temperature cut-out thermostat, set to energise fan at approximately 35°C
Suitable for thermostatic radiator valves (TRV) - not supplied
Rocker switch - normal/low

Specification
To specify state:
Wall mounted hydronic heat emitter with fan and low temperature cut-out.
As Smith's Eco-Powerad 500/1000/1500/2000

Eco-Powerad®

The Eco-Powerad is the fan convector of the future - energy efficient, responsive and suitable for installation within most wet central heating systems, driven by either boilers or low temperature renewable technology



Model	A
Eco-Powerad 500	485
Eco-Powerad 1000	845
Eco-Powerad 1500	1210
Eco-Powerad 2000	1570

Heat output

Model	Room size guide* (m²)	Heat Output at 80° (kW)	Heat Output at 75° (kW)	Heat Output at 70° (kW)	Heat Output at 65° (kW)	Heat Output at 60° (kW)	Heat Output at 55° (kW)	Heat Output at 50° (kW)	Heat Output at 45° (kW)	Heat Output at 40° (kW)
Eco-Powerad 500	14	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3
Eco-Powerad 1000	29	2.4	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.7
Eco-Powerad 1500	43	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.2	0.9
Eco-Powerad 2000	57	3.9	3.5	3.2	2.8	2.5	2.2	2.0	1.7	1.3

Model	Flow & return connections	Mains cable	Transformer	Fused spur	Total Power Consumption (Watts)	Water Capacity (Litres)	Sound Levels (dBA)	Casting colour
Eco-Powerad 500	15mm	2m	n/a	3A	15	0.17	28	white
Eco-Powerad 1000	15mm	2m	n/a	3A	18	0.28	30	white
Eco-Powerad 1500	15mm	2m	n/a	3A	33	0.44	31	white
Eco-Powerad 2000	15mm	2m	n/a	3A	36	0.55	32	white

*Room sizes given in cubic metres for general guidance only based on normal heat output (50°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.
At inlet water temperatures of 75°C and below, all Eco-Powerad models are classified as LST (low surface temperature) appliances.
Sound levels measured at 1.5m.

Ordering guide

Model	Packed Wt (kg)	Product Codes
Eco-Powerad 500	6	HPEP52001
Eco-Powerad 1000	10	HPEP52002
Eco-Powerad 1500	14	HPEP52003
Eco-Powerad 2000	18	HPEP52004