



Smith s Ecovector II Smart Low Level Instruction Manual

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Ecovector® II Smart Low Level

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Ecovector II Smart Low Level

Ecovector II Low Level fan convectors provide warmth from a low level upwards and are more energy efficient and effective than radiators

The Ecovector II 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

Compatible with most types of wet central heating systems, functioning equally efficiently with conventional boilers, biomass technology or ground or air source heat pumps

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



Product information

Finish

Front casing: zinc-coated steel.

Polyester powder-coated RAL 9016.

Installation

This heating appliance is intended for mounting on a wall at low level via the chassis mounting holes. The minimum recommended installation height is 100mm from the floor. There is no clearance required on either side of the heater.

Ecovector II is designed for use on standard two-pipe pumped central heating systems where the system hot water is generated from either a boiler or renewable sources.

Commissioning

Check water is hot enough to activate the low temperature cut-out thermostat when in heating mode. Check functionality of thermostat and link to Hub if required.

Control

Built-in smart control with manual/auto fan speed, time and temperature control.

Capable of being used with App when a Hub is used.

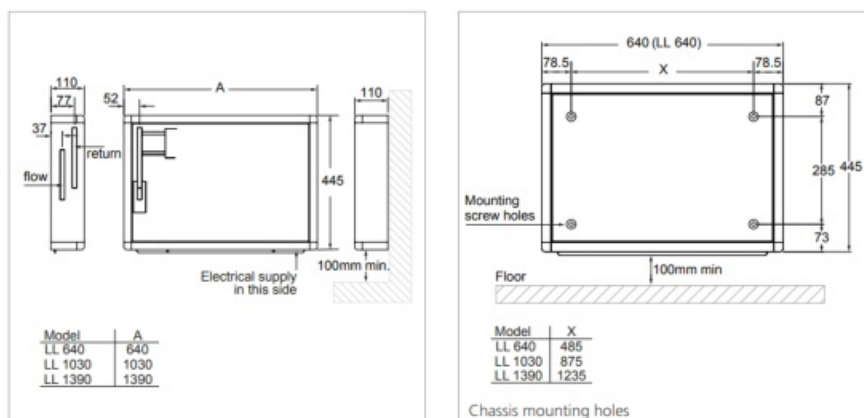
Specification

To specify state:

Low level hydronic fan convector in white.

As Smith's Ecovector II Smart Low Level LL640/LL1030/LL1390.

Dimensions



Ordering Guide

Model	Packed Wt (kg)	Product Codes
ECOVECTOR II SMART LL 640	14	HPEV50022
ECOVECTOR II SMART LL 1030	19	HPEV50023
ECOVECTOR II SMART LL 1390	26	HPEV50024

Technical Data

Heat output

Model	Heat Output at 80°			Heat Output at 75°			Heat Output at 70°			Heat Output at 65°			Heat Output at 60°		
	Lo w (kW)	Me diu m (kW)	Hig h (kW)	Lo w (kW)	Me diu m (kW)	Hig h (kW)	Lo w (kW)	Me diu m (kW)	Hig h (kW)	Lo w (kW)	Me diu m (kW)	Hig h (kW)	Lo w (kW)	Me diu m (kW)	Hig h (kW)
ECOVECTOR II S MART LL 640	0.86	1.21	1.45	0.78	1.11	1.32	0.69	1.00	1.19	0.58	0.91	1.07	0.47	0.81	0.94
ECOVECTOR II S MART LL 1030	1.73	2.47	2.82	1.62	2.24	2.56	1.50	2.01	2.29	1.36	1.86	2.08	1.22	1.7	1.86
ECOVECTOR II S MART LL 1390	2.44	3.48	4.00	2.22	3.19	3.67	2.00	2.90	3.34	1.82	2.59	3.02	1.63	2.27	2.7

Model	Heat Output at 55°			Heat Output at 50°			Heat Output at 45°			Heat Output at 40°		
	Low (kW)	Medium (kW)	High (kW)	Low (kW)	Medium (kW)	High (kW)	Low (kW)	Medium (kW)	High (kW)	Low (kW)	Medium (kW)	High (kW)
ECOVECTOR II SMART LL 640	0.45	0.71	0.82	0.43	0.61	0.70	0.37	0.51	0.59	0.30	0.41	0.47
ECOVECTOR II SMART LL 1030	1.06	1.48	1.66	0.9	1.26	1.46	0.76	1.06	1.22	0.62	0.86	0.97
ECOVECTOR II SMART LL 1390	1.45	2.02	2.37	1.27	1.76	2.03	1.05	1.47	1.72	0.82	1.17	1.41

Model	Flow & return connections	Main cable	Fused spur	Total Power Consumption			Max Current Draw (Amps)	Water Capacity (Litres)	Sound Levels			Casting colour	Fan-only
				Low (Watts) (Watts)	Medium	High (Watts)			Low (dBA)	Medium (dBA)	High (dBA)		
ECOVECTOR II SMART LL 640	15mm	1.5m	3A	18	25	31	0.25	0.29	26	29	33	white	yes
ECOVECTOR II SMART LL 1030	15mm	1.5m	3A	25	37	44	0.45	0.58	27	30	34	white	yes
ECOVECTOR II SMART LL 1390	15mm	1.5m	3A	36	54	67	0.60	0.83	28	32	36	white	yes

Heat outputs tested in accordance with BS4856 with a fixed flow rate of 340L/H (75GPH) and an entering air temperature of 18°C. Sound levels measured at 1.5m.




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Documents / Resources

	<p>Smith s Ecovector II Smart Low Level [pdf] Instruction Manual Ecovector II Smart Low Level, Ecovector II, Smart Low Level, Low Level</p>
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References

- [User Manual](#)

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