

# FARADAY® Eco

- Exclusively for use with low temperature ( $\Delta t$  30°C) systems
- Type 22 (K2) Flat panel radiator with integrated fans
- Integral fans increase the heat output by over 40%\*
- 2-year guarantee on electrical components, 10-year on the radiator
- White RAL 9016 only, delivered in 48-72 hours



## Exclusively for Low Temperature Systems

Heat pumps represent a very efficient and economical method of heating. However, choosing a suitable low temperature radiator is important to guarantee optimum performance. The new FARADAY® Eco radiator represents the perfect combination of a heat pump and radiator, ensuring the desired comfort level. Using its integrated fans, this radiator can increase heat output by over 40%\*.

The new FARADAY® Eco panel radiator can also be used during the summer months, operating in passive cooling mode, they can be part of systems designed to use heat pumps that are able to circulate cooler water (min 18°C to avoid condensation), which will then help to cool the building.

Whether your heating or cooling, the FARADAY® Eco is designed specifically for low temperature systems, maximising outputs in winter and taking the heat off in summer. Standard sizes and brackets make specifying easy and installation simple.



The innovative FARADAY® Eco panel radiator, ensures efficient heating in low temperature heating systems. Its unique nature lies in the integration of fans and an autonomous controller directly into the radiator. It can be used without operating the fans or at one of five levels of intensity of forced convection. The efficient fans on top of the radiator can increase the output by over 40%\*.

## Faraday® Eco Outputs $\Delta t$ 30°C

H x W (mm)	624 x 600 (3 Fans)			624 x 800 (5 Fans)			624 x 1000 (6 Fans)			624 x 1200 (7 Fans)			
	Fan speed												
	Off	Comfort	Max	Off	Comfort	Max	Off	Comfort	Max	Off	Comfort	Max	
Power Used W (Watts)	0.5	3	4	0.5	4	6	0.5	5	7	0.5	5	8	
Output $\Delta t$ 30 (55°C 45°C 20°C)	Watt	470	613	668	627	817	891	783	1,021	1,114	940	1,225	1,337
	BTU	1,604	2,092	2,279	2,139	2,788	3,040	2,672	3,484	3,801	3,207	4,180	4,562
Sound pressure dB (2 m)	Off	Comfort	Max	Off	Comfort	Max	Off	Comfort	Max	Off	Comfort	Max	
	0	25.8**	31.7**	0	26.5**	33.2**	0	26.8	32.7	0	27.0**	33.0**	

Maximum flow temperature 60°C, not suitable for systems with higher flow temperatures. Tested to BS EN16430.

\*\*Sound pressure not tested.

## Sizes and Prices

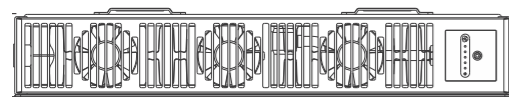
Flow in	Dimensions (mm)			Product Code	White Ex VAT	White Inc VAT	White +Valves Ex VAT	White +Valves Inc VAT
	Height	Width	Depth					
Right	624	600	102	FARER626022	£559.00	£670.80	£627.00	£752.40
		800	102	FARER628022	£655.00	£786.00	£723.00	£867.60
		1000	102	FARER621022 ♦	£751.00	£901.20	£819.00	£982.80
		1200	102	FARER621222	£847.00	£1,016.40	£915.00	£1,098.00
Left	624	600	102	FAREL626022	£559.00	£670.80	£627.00	£752.40
		800	102	FAREL628022	£655.00	£786.00	£723.00	£867.60
		1000	102	FAREL621022	£751.00	£901.20	£819.00	£982.80
		1200	102	FAREL621222	£847.00	£1,016.40	£915.00	£1,098.00

### Provided with:

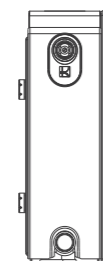
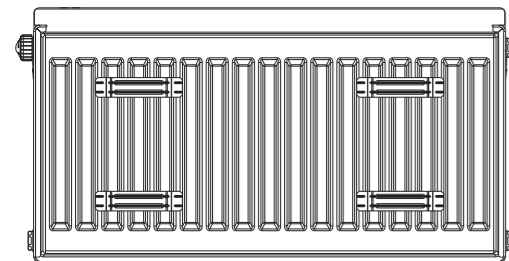
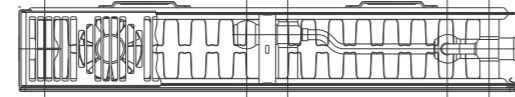
1 x transformer plug with 1.2m wire  
 Input: 100-240VAC 0.3A 50/60Hz  
 Output: 12VDC, 2A

+Valves Prices include White, angled KINGSTON TRVs, (if you require straight valves please specify). KINGSTON TRVs can be viewed on page 94.

### Top View



### Bottom View



Pipe centres left to right = Width plus valves  
 Pipe centres from wall = 73mm / 93mm  
 Depth from wall = 125mm / 145mm

\*based on max setting output of 624mm x 1200mm FARADAY Eco.

73 / 93  
125 / 145

© FARADAY is a registered trademark of IRSAP UK Limited.



♦ FARADAY® Eco Type 22 (K2) 624mm x 1200mm in White RAL 9016 with White WELLINGTON TRVs