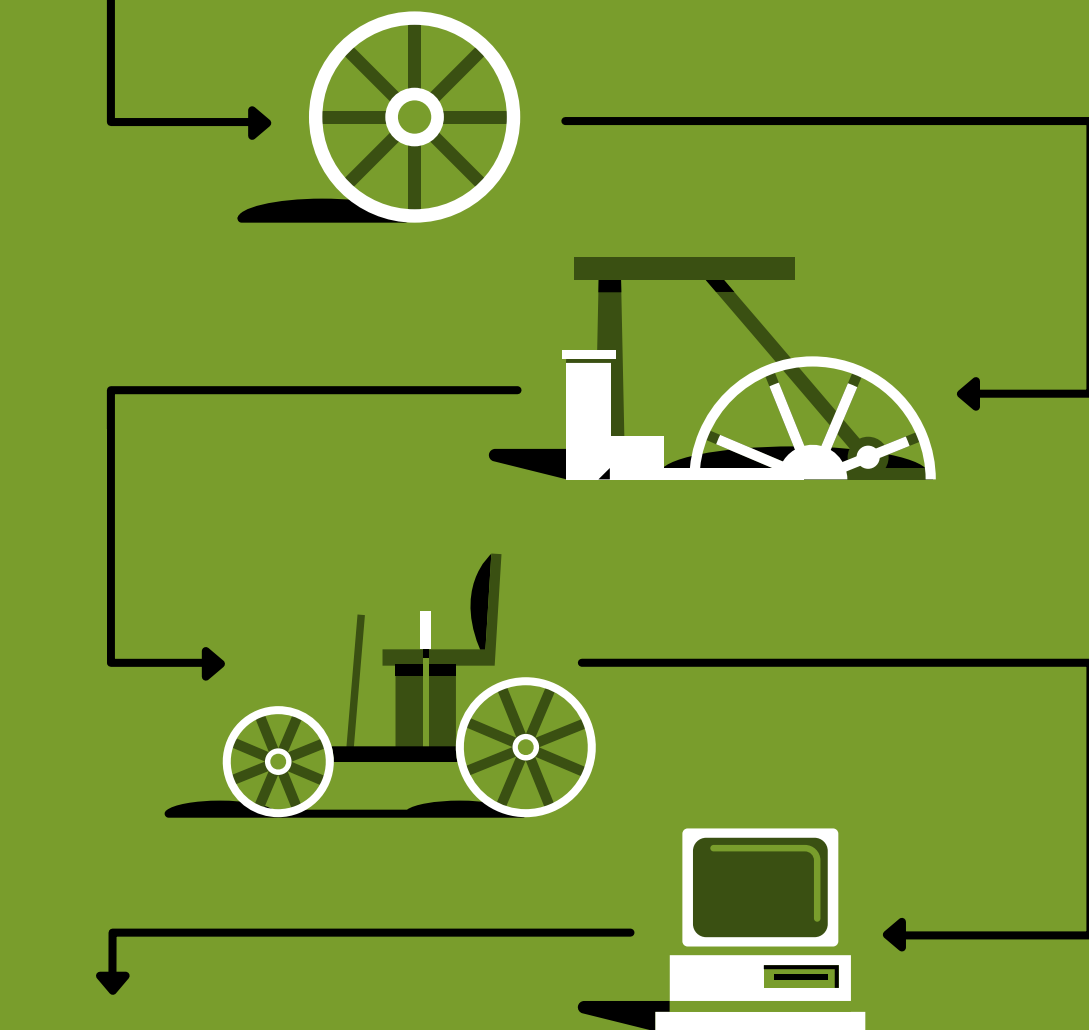


Some products define a new era...

introducing flexoTHERM



■ flexoTHERM

Because  Vaillant thinks ahead.

flexoTHERM

with Green iQ technology



### What is Green iQ?

Green iQ products are not just extremely energy efficient – they must combine eco-friendly heat generation with smart, future-proof functionality. Only products that satisfy our twin sets of criteria for being both 'Green' and 'iQ' will carry the Green iQ label. flexoTHERM is 'internet ready' to accommodate future enhancements and smart functionality as these are developed and made available.

#### All Green iQ products must be Green, which means:

- They are the most efficient products in their class from Vaillant, and have achieved the highest ErP product A++ rating for both 55°C and 35°C flow temperatures. This can be improved further on a system level when used in conjunction with Vaillant's VRC 700 and VRC 700f control, to ensure a system rating of ErP A+++
- Sustainable manufacturing materials and processes have been used at all stages of its design and manufacture, with a focus on reducing waste throughout its life-cycle
- At least 85% of the products' components can be recycled after use

#### All Green iQ products must also have iQ, which means:

- They are internet ready, set for future services, controls and systems
- Energy monitoring comes as standard, allowing people to manage environmental energy gained and energy used
- The heating appliance will work to its peak performance, always maintaining optimum efficiency

### Your customers will feel the benefits too



#### Comfort up, consumption down

The flexoTHERM with Green iQ carries the highest energy efficiency label in its class: ErP rating A+++\*. The Green iQ operation mode also helps reduce your customer's electricity bills.



#### Future-proof investment

The flexoTHERM with Green iQ technology is an innovative approach to ensure future heating requirements are achieved sustainably and cost effectively, whilst having minimal environmental impact.



#### Flexibility

The flexoTHERM with Green iQ technology is a ground source heat pump out of the box which can be adapted to work with air or water sources.



#### Intelligent use of resources

The use of resources in an intelligent way enables the environment to deliver around 75% of the required energy for free. As the portion of renewable energy present in the electricity mix increases, your system gets more eco-friendly every year.

\*A+++ is achievable when used with Vaillant's VRC 700 / VRC 700f system control



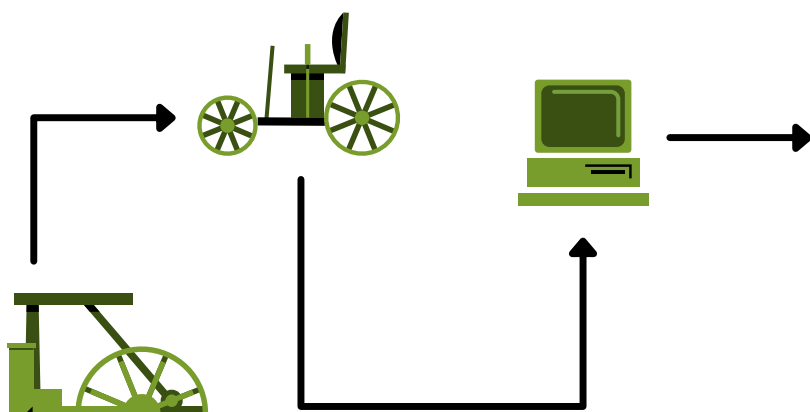
Vaillant has been setting the standard in the heating market since 1874 by consistently developing products that revolutionise the industry. We continue to do this today through the design and manufacture of our own renewable heating technologies. These heating and hot water production systems usher in a new era of high-efficiency, eco-friendly products.



# For a new era of intelligent heat pumps:

## flexoTHERM

flexoTHERM is a ground source heat pump out of the box, but uniquely, the unit can also be converted to accommodate different energy sources such as air and water where required. The flexoTHERM is the most efficient heat pump in the Vaillant portfolio with its state of the art EVI compressor technology that gives extremely high efficiency and heating performance.



Subtle design - flexoTHERM

Intellig

### Key features and benefits

- **Models available**  
The flexoTHERM intelligent heat pump is available in 5kW, 8kW and 11kW in 230V and 5kW, 8kW, 11kW, 15kW and 19kW in 400V
- **Flexible energy source option**  
Can connect to three different sources - ground, water or air
- **High quality and sustainable technology**  
Engineered to outstanding quality which is both sustainable and ready for the future
- **Simple installation and maintenance**  
Integral components include, built-in ground and heating circulation pumps and three way diverter valve
- **Extensive range of accessories for ground, air and water options**  
Water heat exchanger, passive cooling, and brine filling station
- **Dedicated support**  
Vaillant provides technical support, commissioning and specialist training for installers to provide all the support you need
- **“Quiet Mark” accredited by the Noise Abatement Society**  
Exceptionally quiet with noise levels comparable to a modern fridge at 42dB(A)
- **ErP A+++ when installed with VRC 700**  
flexoTHERM achieves the highest ErP rating when installed with the VRC 700 / VRC 700f weather compensating controller
- **High SCoP values**  
SCoP values as high as 5.91 on flexoTHERM 400V 15kW. High values allow for better RHI payments
- **High-quality materials with impressive guarantees**  
Sustainable design, build and ethos with high quality German engineering. flexoTHERM has a range of guarantees up to 7 years when installed as part of a complete Vaillant system



gent engineering - flexoTHERM



aroCOLLECT



fluoCOLLECT

### flexoTHERM ground source heat pump

A modern, refreshing take on the heat pump system; flexoTHERM is a ground source heat pump that can be converted to work with air or water sources. The 400V can be an air source heat pump when connected to our aroCOLLECT air source brine collector module, or it can be a water source heat pump when connected to our fluoCOLLECT, stainless steel heat exchanger module. flexoTHERM 230V can be converted to work with the fluoCOLLECT only for water source applications.

### Cooling function

Passive cooling is possible at almost no cost with ground or water sources with a module, passing warm heating circuit water against cool brine fluid, gently cooling the property down.

### Additional modules for air and water source systems

#### aroCOLLECT, for an air source system

With this high-efficiency air-to-water heat exchanger, no heat loss occurs between outdoors and indoors. Fully modulating ventilators with minimal sound production mean the system runs very quietly.

#### fluoCOLLECT, for a water source system

Complete in a neat and compact case, the fluoCOLLECT is designed for quick installation and fast commissioning with small brine expansion vessel, along with fill and flush points.



### Sales Support

Vaillant products are available to purchase from reputable heating merchants in the UK. To find contact details for your nearest Vaillant sales representative:

**Telephone: 0345 602 0262**

### Renewable Service

For renewable products aftersales servicing and commissioning:

**Telephone: 0330 100 3540**

**Email: [aftersales@vaillant.co.uk](mailto:aftersales@vaillant.co.uk)**

### Technical Enquiries

For technical assistance:

**Telephone: 0330 100 3540**

**Email: [aftersales@vaillant.co.uk](mailto:aftersales@vaillant.co.uk)**

### Training Enquiries

Vaillant provide many different training courses. For more information:

**Telephone: 0345 601 8885**

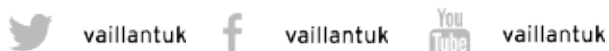
**Email: [training.enquiriesuk@vaillant-group.com](mailto:training.enquiriesuk@vaillant-group.com)**

### General Enquiries

If you have a general enquiry our friendly reception staff will happily point you in the right direction:

**Telephone: 0345 602 2922**

For more information on the flexoTHERM heat pump with Green iQ technology, please visit [www.vaillant.co.uk](http://www.vaillant.co.uk)



Vaillant Group UK Ltd.

Nottingham Road ■ Belper ■ Derbyshire DE56 1JT

Telephone 0345 602 2922 ■ [www.vaillant.co.uk](http://www.vaillant.co.uk) ■ [info@vaillant.co.uk](mailto:info@vaillant.co.uk)

