



# Watch out for a **fool's** **bargain**

The **wrong**  
pump will **cost**  
you the most



**GRUNDFOS** 

# Non-compliant circulators in the UK drive up energy bills

As of 1 January 2013, it has been illegal to sell stand-alone heating circulation pumps that don't meet the Energy-related Products (ErP) Directive on energy efficiency.

A circulator that does not comply with the efficiency standards can consume more than five times the electricity of an efficient variable speed circulator. This can cost the average homeowner as much as £110 extra a year in a time when they are already faced with growing bills and an increased cost of living.

## Electricity Consumption

Non-compliant circulators use **5 times** more electricity compared to compliant circulators.

Non-compliant circulators



100%

Compliant circulators



25%

**Wayne Rose, the CEO of the British Pump Manufacturers Association (BPMA).**

*“There is a concerning increase of non-compliant circulator pumps flooding into the UK market.*

***Around 10% of the one million central heating pumps currently imported into the country fail to meet compliance standards.***

*To safeguard consumers and meet climate change targets, the UK government needs to take action. The responsibility of ensuring that only compliant pumps are brought into the UK lies with importers. However, distributors and installers also share the responsibility of selling and fitting pumps that comply with the regulations.*

*These non compliant circulators are using outdated AC motors that are far cheaper than the permanent magnet motors. The permanent magnet motors are equipped with microchips, allowing the pump to adjust the speed to reduce energy consumption.*

*The UK is currently going through a crisis, as an industry we should be ensuring that the products that are being sold and installed are helping consumers not costing them more in the long run.”*

## How to identify a non-compliant pump

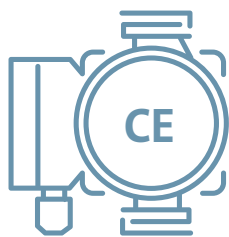


### Does the pump have an Energy Efficiency index (EEI) $\leq 0.23$ ?

**1st January 2013** – ERP directive introduced – Standalone circulators must meet the EEI (energy efficiency index) of  $\leq 0.23$ .

**August 2015** – Directive extended to “integrated circulators” - pumps such as boiler pumps and underfloor heating are now in scope.

**1st January 2022** – All circulator pumps including pumps as spare parts, must meet the EEI of  $\leq 0.23$  in order to have a CE marking or UKCA mark and to fulfil the ErP regulation.



### Does the pump have an official CE marking?

To help trying to identify a fake CE logo of the European union, you should carefully look at:

- The three branches of the letter E: the central one should be shorter.
- The space between the C and the E: should have sufficient spacing



### Does the pump exceed 85 Watts?

If a 6M pump exceeds 85W then the pump is likely to be non-compliant.

Download **GO REPLACE** to find an energy efficiency replacement.



## The right Pump will save you the most

Grundfos **GO REPLACE**, is the fastest, easiest way to replace an old circulator pump



### The high-efficiency UPS3 circulator pump can help customers save up to £110 per year on their energy bills.

The UPS3 is a variable speed pump, meaning that it can adjust its speed to match the heating or cooling load of the system, reducing energy consumption when demand is low. This pump also features advanced control options, including a user-friendly interface and built-in intelligence, which helps optimize the performance of the system and reduce energy waste.

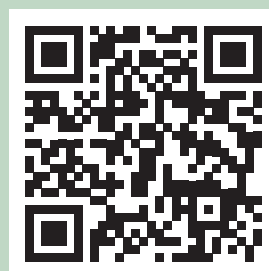
Discover the UPS3 [grundfos.co.uk](http://grundfos.co.uk)

### Struggling finding the right energy efficient replacement pump?

Download the Grundfos **GO REPLACE** app and you'll find replacing old pumps faster and easier than it's ever been.

All you need to do is scan the circulator and the app will suggest the ideal pump replacement.

**Scan the QR code, download the app and find your energy efficient replacement today.**



# Help us safeguard consumers and meet climate change targets



If you have any questions regarding non-compliance chat to one of our team live.

[www.grundfos.co.uk](http://www.grundfos.co.uk)