

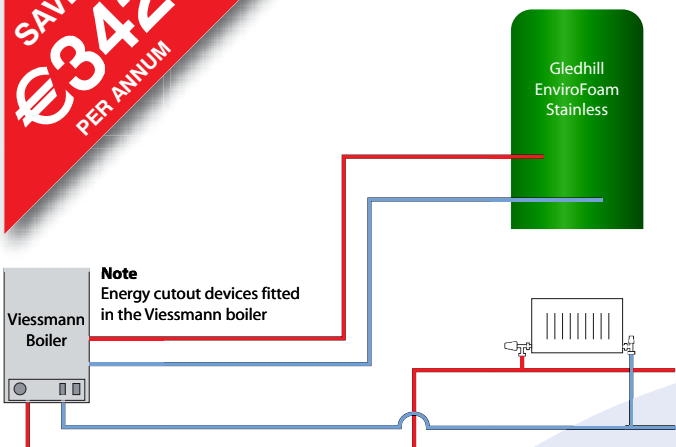
**VIESSMANN**

**Gledhill**  
the cylinder specialist

# Promoting best practice to deliver best value!

Follow best practice and have your new Viessmann boiler and EnviroFoam Stainless cylinder installed in a 4 pipe system to save much more...

SAVE  
**€342**  
 PER ANNUM



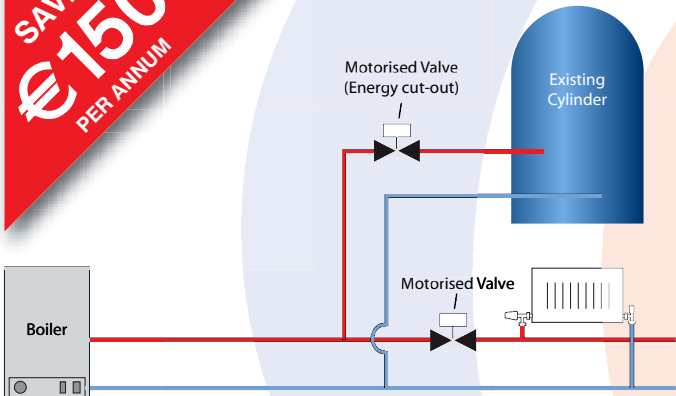
**Note**  
Energy cutout devices fitted in the Viessmann boiler

### 4 Pipe SEAI Grant Pack (Best Practice)

- 1.76 kW heat loss per day - Cost €32 per annum
  - saving a further €81 over insulated cylinders
  - saving a further €278 over uninsulated cylinders
- Boiler permanently in condensing mode when heating radiators
  - saving a further €80 over 2 pipe condensing boilers
- Pipe losses during domestic hot water production - €30 or less per annum
  - saving a further €30 over 2 pipe systems
- EnviroFoam Stainless reheat time 15-20 minutes
- 15.13kW coil rating on the 36 x 18 cylinder, far exceeding the standard cylinder rating
- All Viessmann system boilers in 4 pipe configuration as standard
- Gledhill EnviroFoam Stainless complies with EN 12897
- Optional extra - Full range of wireless controls available

... when compared to the current standard grant offering!

SAVE  
**€150**  
 PER ANNUM



### Standard SEAI Grant Pack

- 6.19 kW heat loss per day on an insulated cylinder - Cost €113 per annum
- 17 kW heat loss per day on an uninsulated cylinder - Cost €310 per annum
- Boiler not in condensing mode
- Pipe losses during hot water production - €60 or more per annum
- Standard copper cylinder reheat time 1 or 2 hours depending on specification

Figures relate to a 3 bedroom semi-detached house. The heat loss figures have been taken from "The Standard Assessment Procedure for Energy Rating of Dwellings, 2009 Edition, Table 2 (Page 121)" The hot water consumption in dwellings has been taken from "Chartered Institute of Building Services Engineers (i.e. CIBSE), Guide Book B"

# Questions & Answers

**Q Why do I need a '4 Pipe Installation'.**

A The 4 pipe installation delivers high temperatures to the cylinder to rapidly reheat your cylinder, then condensing temperatures to the heating circuit so you achieve an additional 10% fuel savings.

**Q Why should I buy a Viessmann boiler over other cheaper boilers available on the market? Are they all not A rated boilers?**

A Yes, Most boilers are A rated but you must consider the reasons for buying a better quality boiler like purchasing a car. Viessmann delivers better value by including as standard many items that other manufacturers either don't provide or will only provide at additional cost.

**Q Where is the boiler manufactured?**

A Viessmann is a German business manufacturing the Vitodens 100 at its headquarters in Allendorf Germany.

**Q How long is the company in existence?**

A Viessmann is a family owned business established in 1917 and employing over 8,000 people.

**Q Can I get people to fix these boilers?**

A There are over 150 Approved Engineers in Ireland that have been trained by Viessmann on Installation and servicing of these boilers

**Q Can I get parts and spares for these boilers?**

A Yes, these are readily available off the shelf

NB: Viessmann are so confident about the quality of their boilers that they have offered a 5 Year Comprehensive parts and Labour Warranty on the boiler and 10 years on the heat exchanger.

If your boiler fails under warranty any spare parts that are required will be fitted Free of Charge.

(You must however have your Boiler serviced once a year for this to apply)

**Examples of typical repair costs for Boiler Breakdowns:**

- Changing your PCB (Control Panel) from €450 Plus vat Upwards
- Changing a Fan from €380 Plus vat Upwards
- A Burst Heat Exchanger €600 plus vat Upwards
- A call out for an engineer can be anything from €120 plus vat per hour

**Q Can I have weather compensation?**

A Yes, since the Viessmann boiler is standard 4 pipe all you need to do is install a Weather Compensation sensor so you can gain additional savings of up to 12%

**Q What is the warranty on the Stainless Envirofoam Cylinder?**

A Gledhill have a 10 year warranty on the Stainless Envirofoam

**Q Do I need to change my cylinder if it is well insulated?**

A Yes. Although the cylinder is well insulated there has not been any national standard for the output of the coil in Ireland. This means that almost all cylinders currently installed in Ireland have a re-heat time that is far below the SE. The coil in the SE has an output of 15.1 kW which is more than five times the output of an immersion heater. The new standards for insulation mean that the SE cylinder only loses €32 worth of energy in a whole year. Even the best of the older foamed cylinders would lose €112 in a year.

**Q Should I turn my boiler off in the summer and use an immersion heater to heat the hot water.**

A No. The immersion heater uses electricity which is more than 3 times as expensive as heating the water by gas. The immersion heater is also much slower at heating the water than using the boiler when you have a Stainless Envirofoam cylinder.

**Q Will it cost more to install a 4 pipe system.**

A Yes it will usually cost more to run 2 new pipes to the cylinder, but the energy savings will repay the cost in "no time", and you will continue to save year on year in running costs.

**Q Are there any other advantages to the 4 pipe system.**

A Yes. The 4 pipe system does not require zone valves which are items that will require replacement over time.

**Q Do I not need to have zone valves with the 4 pipe system.**

A No. Unless you want to separate the house into more than one zone there is no need to have any zone valves.

**Q Will I need to have any wiring in the living room?**

A No. Viessmann have a simple wireless room thermostat as an option that can be fitted without any wiring.