



# YOUR HOME HEATING GUIDE

Everything you need to know when upgrading your heating system.

#ThinkHeatingThinkGrant

Boiler Upgrades | Retrofitting | Efficient Heating





# Welcome to comfortable efficient living

For over 45 years, Grant has been designing, manufacturing and supplying innovative home heating solutions to homes throughout the UK, Ireland and further afield.

We understand the importance of selecting a home heating system to keep you and your loved ones warm and comfortable for many years to come, and we recognise that selecting the right system for your home can be a daunting process. This guide has been developed to help you on your journey and take you through everything you need to take into consideration whether you are renovating your home and upgrading your heating system or building a new home.



# Upgrading Your Heating System



Every home is different and has unique heating requirements. Often, a heating system upgrade comes about because of a breakdown or to upgrade an inefficient old boiler. Home heating systems may also be replaced as part of home renovation projects.

This guide has been developed to advise on what to consider when upgrading your home heating system and explain the options available.

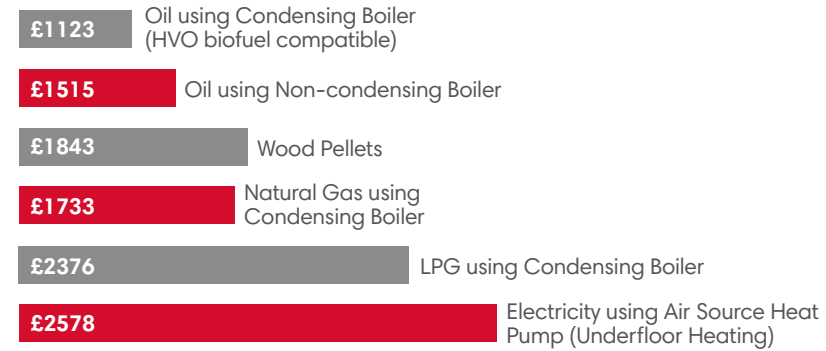
If you are planning to upgrade your home heating system, here are some important things to consider:

- 
**Find a local plumber**  
 Arrange a visit to the property to discuss your requirements
- 
**Sizing your system**  
 This is carried out by your plumber for an oil boiler or the Grant technical specialists for an air source heat pump, based on the heat requirements for the property
- 
**Cost & efficiencies**  
 High efficiency heating products will deliver cost effectiveness



## Sutherland Home Heating Cost

Annual cost of space heating and domestic hot water for a typical existing 3 bedroom house in Northern Ireland.



Semi-detached 3 bedroom house, 13800 kWh space heating & 2500 kWh DHW heating. – Sutherland Figures – December 2025. **Sutherland is a 3rd party independent provider of home heating costs with no connection or affiliation to Grant.**

“  
 You won't find a more reliable or highly efficient boiler than a Grant Vortex condensing oil boiler. They are quiet, run on a minimal fuel and are super-fast at heating our home.  
 ”

S. Moore, Co. Antrim





Pictured: Grant Vortex Utility 26kW model

# Benefits of upgrading your oil boiler

## 01. Cost Saving

The award-winning Grant Vortex condensing oil boiler range is available in outputs of 15-70kW. With 22 models within the range, including boiler house, outdoor and utility variants, Vortex boilers provide high efficiency heating for your home. Upgrading your old non-condensing boiler will result in significant savings on your annual fuel bill.

Depending on the age and make of the old boiler, choosing a condensing oil boiler **can help you save on your annual heating bills by over 25%\***

Existing Grant Vortex condensing boilers are future-proofed to use HVO biofuel through making a slight modification to the boiler. This can be carried out by your local plumber or installer.



Grant Vortex utility 26kW model



Grant Vortex boiler house 46/70kW model



\*depending on age and make of boiler

## 02. Reduced Emissions

The highly efficient Grant Vortex condensing oil boiler range helps homeowners reduce their carbon emissions without compromising comfort levels or increasing running costs. Grant's core focus as a company is to provide reliable, innovative, eco-friendly solutions to the problem of rising energy costs and CO2 emissions, in the hope of providing a greener future for generations to come.



## 03. Future-proofing Your Home to be Biofuel Ready

All Grant boilers are compatible with HVO biofuel, thereby future-proofing your home for your changing heating needs.

This adaptability means that you can have peace of mind from knowing that when you install your new Grant condensing oil boiler it will be suitable for use with future biofuel blends\* whilst still providing the reliability and efficiency that is synonymous with Grant, and helping you move to a low carbon future.



\*Depending on biofuel and % blend



# 04.

## Easy to install

Grant's award-winning heating products are innovative in their design yet simple to install.

**"With over 20 years working within the plumbing and heating industry, we find that Grant's range of Vortex condensing oil boilers are the best on the market thanks to their high efficiencies and easy installation."**

*SM Plumbing & Heating*



# 05.

## Reliable Proven Technology

As a worldwide leader in manufacturing heating technologies, Grant has been providing efficient and reliable home heating solutions for over 45 years and employs over 300 staff at its state-of-the-art manufacturing facility in Birr, Co. Offaly. The company operates at the forefront of the heating industry with its forward-thinking approach to research and the development of innovative, energy saving designs and award-winning heating products. With value for money, quality and contributing to Ireland's clean energy transition, underpinning its research, design and manufacturing process, Grant is the number one choice for homeowners and installers throughout the UK, Ireland and further afield.



Pictured: Stephen Grant, Founder & Director of Grant Engineering

# 06.

## Distribution & Aftercare Services

All Grant products are available through your local plumbing and heating merchant\*. A full aftercare service provided by the Grant Service Network includes trained technicians located throughout Northern Ireland, and your local installer, along with the Grant Customer Care team. Should any spare parts be required at any time, these can be supplied promptly to your installer through our dedicated merchant network.



\*Find your local merchant at - [www.grantni.com/support/find-a-merchant/](http://www.grantni.com/support/find-a-merchant/)



Pictured: Grant R&D & training facility opened 2019

# Award Winning Product Portfolio

Grant has excelled in designing and manufacturing innovative, highly efficient heating technologies and over the last four decades has developed a diverse award-winning product portfolio.

Awards which Grant has received include OFTEC Awards for Excellence; Irish Times Innovation Award for Sustainability, SEAI Awards for Innovative and Energy Efficient Products, Plumbing & Heating Awards for Innovative Products, National ACR & Heat Pump Awards and being named as the first ever Best Buy Oil Boiler in the prestigious Which? Magazine Awards.

The Vortex range has been acknowledged in recent years with many awards for its excellent build, reliability and performance qualities, further reinforcing Grant's position amongst the world's best-known home appliance brands. Models within the Vortex range are helping homeowners achieve maximum home heating efficiencies and reducing fuel bills, making models within the Vortex range the ideal replacements for older oil-fired boilers.

Designed in Ireland specifically for the Irish and UK climate, the Grant Aeron R290 heat pump is proving itself to be in another league in terms of innovation and efficiency. Since its official launch the Aeron R290 heat pump has been recognised for its outstanding innovation and sustainability and was named Heat Pump of the Year at the Plumbing & Heating Awards 2025.

Delivering exceptional performance, the Aeron R290 heat pump uses the environmentally friendly natural refrigerant R290 and its ultra-low noise levels have been recognised by Quiet Mark - the international award programme validating and awarding low-noise, high-performance technologies, helping to deliver solutions to overcome noise pollution throughout the world.

# Thinking of Upgrading your heating system to Renewable Technologies?

If you are considering renewable technology, Grant has a number of options available for your home heating. Ranging from air to water air source heat pumps to biomass condensing wood pellet boilers, Grant's range of renewable technologies continues to grow in popularity as households across Northern Ireland look to the future of home heating.

## Hot Water Cylinders

Once the heat source for a property has been selected, choosing a high-performance, energy-efficient hot water cylinder is essential to ensure the overall system operates at its best. Designed to work seamlessly with air source heat pump systems, the right cylinder plays a key role in delivering consistent, reliable hot water while supporting system efficiency.

The Grant Quick Recovery cylinder range is designed to deliver faster heat-up times, helping to ensure hot water is available when it's needed. The range is available in regular, slimline and smart pre-plumbed and pre-wired options, with key components of the smart models conveniently positioned to support quick and easy installation.

Highly versatile, the Quick Recovery cylinders are designed specifically for use with air to water air source heat pump systems and are suitable for multi-zone heating systems, including domestic hot water.



Grant Quick Recovery Smart Integrated 210 litre cylinder

## Wood Pellet Boilers

The Grant Spira Pell is a unique condensing, modulating and self-cleaning wood pellet boiler, offering a sustainable, low carbon heat source for your home.

Designed and manufactured in Ireland by Grant, these high efficiency boilers are made using high grade steel and stainless steel, with the same simplicity of operation of any boiler type.

Utilising indigenous wood pellets, these are truly an environmentally friendly heating solution, with outputs from 5 to 33kW.



Spira Pell 9-33kW Condensing wood pellet boiler



## Air to Water Air Source Heat Pump

Delivering exceptional performance with quiet operation, the award-winning Grant Aeronia R290 heat pump provides an energy efficient, sustainable, and cost-effective way to heat a home. With an ErP rating of A+++, the range uses environmentally friendly natural refrigerant R290 and is available in outputs of 4kW, 6.5kW, 9kW, 12kW and 16kW.

A heat pump will require more investment than a conventional fuel boiler, however the running costs and comfort levels will be improved provided your house is adequately insulated. To ensure the Grant Aeronia R290 air to water air source heat pump will work effectively and provide the comfort level you require, contact [heatpump@grant.ie](mailto:heatpump@grant.ie) for further technical guidance.

The energy source used by heat pumps can also be entirely renewable, so by installing a heat pump the carbon footprint of the property is immediately reduced.



Grant Aeronia R290 4kW air to water air source heat pump



# Upgrade your radiators & consider installing underfloor heating



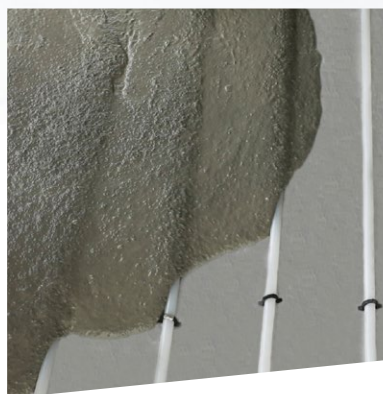
## Grant Afinia Aluminium Radiators

A room's look is an important consideration for homeowners and today's market offers a range of options, broadening the horizons beyond traditional radiators.

Aluminium radiators, such as the Grant Afinia, offer high efficiency and are compatible with both high and low temperature systems. They feature excellent conductivity and, with vertical and horizontal combinations available, deliver flexibility with installations.



Pictured: Grant Afinia 6/580



## Grant Uflex Underfloor Heating

Underfloor heating offers an efficient solution with optimal control and individual zone heating for maximum comfort. Reduced air circulation means it is also hygienic and ensures more space to design and decorate a room without blocking radiators with furniture.

# We're here to help

We understand the importance of having a reliable and efficient home heating system that maximises comfort for the homeowner.

Our team is here to help and to be with you every step of the way on your journey to more efficient and sustainable home heating.

## Opening Hours

Mon – Thurs (8am – 4.30pm)

Friday (8am – 3.30pm)

## Contact Us

Call **0800 088 7010**

For new build and deep retrofit home heating design email [heatpump@grantni.com](mailto:heatpump@grantni.com)

Follow us on Facebook and Instagram [@myGrantNI](#) and Pinterest [@GrantHeating](#)

SCAN & WATCH



[www.grantni.com](http://www.grantni.com)

[#ThinkHeatingThinkGrant](#)

