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### **Course Catalogue**





## Aerona<sup>3</sup> Air Source Heat Pumps

Grant Aerona<sup>3</sup> air source heat pumps are MCS approved, highly efficient and reliable. Designed with the installer in mind, the Grant heat pumps are straightforward to install and maintain while also delivering exceptional performances for homeowners.



## **On Demand Courses**

These courses can be started, paused and resumed online at a time and place that suits you.



### Aerona<sup>3</sup> ASHP -**Range Introduction**

This course provides an introduction to the Grant Aerona<sup>3</sup> air source heat pump range and is intended for domestic heating and renewable installers who wish to know the basics about the range to develop their understanding of these heat pumps. The course provides an introduction to the technical specification, performance and basic construction of the Grant Aerona<sup>3</sup> air source heat pumps



### Aerona<sup>3</sup> ASHP -**Product Information**

This course is intended for merchant sales staff, architects and specifiers who are interested in learning more about the Aerong<sup>3</sup> air source heat pump range. It covers the basic product details of the Grant Aerona<sup>3</sup> range as well as covering technical specification, performance, basic installation and servicing requirements. The course also includes details of the items supplied with the heat pump units, the various accessories available and the key features and benefits of the Aerona<sup>3</sup> range.



Models within the range:

Heat Pump

Heat Pump

Heat Pump

Heat Pump

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Grant Aerona<sup>3</sup> 6kW R32

Inverter Driven Air Source

Grant Aerona<sup>3</sup> 10kW R32

Inverter Driven Air Source

Grant Aerona<sup>3</sup> 13kW R32

Inverter Driven Air Source

Grant Aerona<sup>3</sup> 17kW R32

Inverter Driven Air Source

#### Aerona<sup>3</sup> ASHP Advanced Installer

This in-depth course, intended for domestic heating and renewable installers, contains the content of the two-day Aerona<sup>3</sup> Air source heat pump course presented in an online format and covers technical specification, performance, construction, principles of operation, electrical performance, construction, principles of operation, electrical wiring, controller settings, installation considerations and requirements, commissioning and servicing of the Aerona<sup>3</sup> range as well as covering heat pump sizing and selection as well as basic system design including heat emitter and pipe sizing. This course involves a multiple-choice assessment and installers who successfully complete this course will be eligible to apply for Grant G1 Air Source Heat Pump



### Aerona<sup>3</sup> ASHP -Installer

This in-depth course, intended for domestic heating and renewable installers contains the content of the one-day Aerona<sup>3</sup> Air Source Heat Pump course presented in an online format and covers technical , specification, performance, construction, principles of operation, electrical wiring, controller settings, installation considerations and requirements, commissioning, and servicing of the Aerona<sup>3</sup> range. This course involves a multiple-choice assessment and installers who successfully complete this course will be eligible to apply for Grant G1 Air Source Heat Pump Installer membership/accreditation



#### Aerona<sup>3</sup> Range & Heat Pump System Package

This course is intended for merchants and it aims to provide an introduction to the Aerona<sup>3</sup> air source heat pump and an overview of the renewable package heating solutions that Grant UK can supply. The short course covers the different types of heat pumps available for domestic installations, it details an overview of the Aerona<sup>3</sup> units and heat pumps installation packs, and it also includes an introduction to the cylinders and heat emitters available from Grant UK which are suitable for installation with heat pumps.



#### Air Source Heat Pump CPD

This CPD seminar is intended for architects and specifiers and it is Grant UK's RIBA approved online CPD heat pump course. It provides an overview of air source heat pumps and covers the following:

- What a heat pump is and its operation • The design and specification issues and
- correct sizing of a heat pump The relevant regulations and standards
- ASHP installation requirements
- The performance of an ASHP and how to estimate running costs

These courses can be started, paused and resumed online at a time and place that suits you.

### Instructor Led Courses

Delivered online in real time by one of Grant UK's Training Instructors, these courses can be completed in a place that suits you while still giving you the opportunity to ask questions.



#### **Grant Combined** Volumiser Low Loss Header

This short course provides an introduction to the Grant Combined Volumiser/Low Loss Header and is intended for installers and merchants. The course aims to provide a greater understanding of the function and features of this product and explains the role this Combined Volumiser/Low Loss Header has in an air source heat pump system.



### **Grant Heat Pump** Installation Packs

This express course provides an introduction to the Grant Heat Pump installation packs and is intended for installers and merchants. The course delivers an overview of the core accessories required for a Grant heat pump installation as well as explaining the contents of each of the installation packs.



#### **Maximising Heat Pump Performance**

This short course is intended for installers, merchants and other heating professionals. It explores the ways in which an air source heat pump's performance can be maximised and includes a brief introduction to the Aerona<sup>3</sup> range, the importance of the heat loss calculations, heat emitters, and other key installation and design factors.



#### Aerona<sup>3</sup> ASHP Advanced Installer

This in-depth course, intended for domestic heating and renewable installers, contains the content of the two-day Aerona<sup>3</sup> Air Source Heat Pump course in an online format with a live instructor. It covers technical specification, performance, construction, principles of operation, electrical wiring, controller settings, installation considerations and requirements, commissioning, and servicing of the Aerona<sup>3</sup> range as well as covering heat pump sizing and selection as well as basic system design including heat emitter and pipe sizing. This course involves a multiple-choice assessment and installers who successfully complete this course will be eligible to apply for Grant G1 Air Source Heat Pump Installer



### Aerona<sup>3</sup> ASHP Installer

This in-depth course, intended for domestic heating and renewable installers, contains the content of the one-day Aerona<sup>3</sup> Air Source Heat Pump course presented in an online format with a live instructor. It covers technical specification, performance, construction, principles of operation, electrical wiring, controller settings, installation considerations and requirements, commissioning, and servicing of the Aerona<sup>3</sup> range. This course involves a multiple-choice assessment and installers who successfully complete the course will be eligible to apply for Grant G1 Air Source Heat Pump Installer rship/accreditation



### Homely for Grant **Heat Pumps**

This express course provides an introduction to Homely Heat Pump Optimisation Controls which are compatible with the Aerona<sup>3</sup> R32 inverter driven air source heat pumps supplied by Grant UK. The course will explore the core features of the Homely Heat Pump Optimisation Controls and how they can support Aerona<sup>3</sup> heat pump installations.



### Aerona Smart Controller

This express course provides an introduction to the Aerona Smart Controller which is designed for installation with the Aerona<sup>3</sup> air source heat pump range from Grant UK. This course includes an overview of the controller's features as well as explaining how the Aerona Smart Controller delivers an intuitive and interactive solution for controlling Grant heat pumps systems.

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These courses can be started, paused and resumed online at a time and place that suits you.





#### Afinia Radiators -**Range Introduction**

This short course is intended for installers and merchants and it provides an introduction to the Grant Afinia aluminium radiator range. The course covers the core product features of the Afinia radiators, the sizes and outputs available, radiator sizing and key installation factors also.



### **Grant Uflex Underfloor Heating** Overview

This short course is intended for installers and merchants and provides an introduction to the Grant Uflex underfloor heating range. The course covers the Uflex UFH system, Uflex MINI UFH system, Overlay Board system as well as the core accessories, tools and controls available to order from Grant UK.

### **Heat Emitters**

Whether you are looking for heat emitters to suit a low temperature or high temperature heating system, Grant's range of underfloor heating systems and aluminium radiators can suit many installation scenarios





**Underfloor Heating** Models within the range:

- Uflex Underfloor Heating ٠
- Uflex MINI ٠
- Uflex Overlay System •

**Aluminium Radiators** Models within the range:

Afinia Radiators ٠



### Hybrid

Grant hybrids are innovative heating solutions that combine the installation of a renewable heat source alongside a traditional fossil fuel boiler delivering the best of both worlds.





#### Products:

- Grant VortexAir 15/26kW Oil Boiler and 17kW Heat Pump Hybrid
- Grant VortexAir 15/26kW Oil Boiler
- Grant Evolink Hybrid System Hub

## **On Demand Courses**

These courses can be started, paused and resumed online at a time and place that suits you.



### VortexAir Hybrid **Range Introduction**

This course is intended for domestic heating and renewable installers who wish to know the basics about the Grant VortexAir Hybrid range and it provides an introduction to the technical specification, performance and basic construction of the VortexAir Hybird unit.



### VortexAir Hybrid Installer

This in-depth course, intended for domestic heating and renewable installers, contains the content of the VortexAir Hybrid installer course presented in an online format. The course covers the VortexAir range including technical specification, performance, construction, principles or operation, electrical wiring, controller settings, installation and commissioning. This course involves a multiple-choice assessmen



### Evolink Hybrid System Hub

This express course provides an introduction to the EvoLink Hybrid System Hub supplied by Grant UK. The aim of this course is to give installers and merchants an overview of the key features and benefits of the EvoLink as well as exploring how the unit works, how it is installed and the key modes of operation and settings of the EvoLink.

These courses can be started, paused and resumed online at a time and place that suits you.



### Oil

Consisting of HVO compatible floor standing models as well as wall hung boiler options, and with outputs ranging from 15kW up to 70kW, the Vortex oil-fired condensing boilers provide installers with choice when it comes to installation.

ENROL NOW





#### Grant UK Oil **Boiler Heat Loss** Calculator

This short course is intended for installers of oil-fired boilers and it provides a visual step-by-step guide to using the Grant UK Oil Boiler Heat Loss Calculator



### HVO & Sustainable Heating for the Future

This short session provides and overview of HVO biofuel and its use in oil boilers to help lower carbon emissions. The aim is to give heating professionals, including installers, engineers and merchant colleagues, an introduction to this low carbon liquid fuel and how it could have a place in the future of home heating.

### Solar

Grant Solar Thermal water heating systems feature high efficiency, Keymark approved collectors, are available in multiple roof mounting options, and can be installed alongside a new or existing central heating system to fulfil a large proportion of a home's hot water demand.

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# Express Course

#### **Grant Solar** Thermal Overview

This Express course is intended for installers and merchants and it provides an intorduction to the Grant solar thermal system range. The course includes an overview of solar thermal system technology, the Grant solr kits and their benefits, the different types of roof mounting options available as well as the core accessories



### **Grant Hot Water** Cylinder Range

This express course is intended for installers and merchants and it provides an introduction to the hot water storage solutions range from Grant UK. The course focuses on the QR Hot Water Cylinders, delivering an introduction to the range and exploring the key features and benefits of the single coil, twin coil, slimline, pre-plumbed and integrated cylinder options.

## **Grant Hot Water** Cylinder Range

Grant's range of cylinders provide installers with high efficiency hot water storage solutions which can partner with traditional and renewable heating system installations.



These courses can be started, paused and resumed online at a time and place that suits you.



#### Grant G1 Installer Scheme - Merchant

This express webinar is intended for merchants who are interested in learning more about Grant UK's G1 Installer Loyalty Scheme so that they can confidently discuss the Scheme with their customers. The course includes an introduction to the G1 Scheme requirements, the benefits that members can access when they join as well as further information about the G1 Portal and G1 app

**G1 GRANT** 



### Grant G1 Scheme for Installers

This express webinar is intended for installers who are interested in learning more about Grant UK's G1 Installer Loyalty Scheme. The course includes an introduction to the G1 Scheme requirements, the benefits that members can access when they join as well as further information about the G1 Portal and G1 Click app.

### G1 & TechBox

GRANT

The G1 scheme provides installers with the tools they need to fit and endorse Grant UK products - from training through to marketing support.

The Grant TechBox is an app where heating engineers can download all of the current and archived installation manuals for Grant products.

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#### **Grant TechBox** App

This express webinar is intended for installers and merchants who are interested in learning more about the Grant TechBox App, the handy app for accessing current and historic technical manuals for all Grant products. The course talks through the key features and functions of the app as well as demonstrating how they navigate it so that users can feel confident using the TechBox.



### Industry

Significant focus is on the heating sector and the ways in which it can be de-carbonised. The landscape within the heating industry is regularly changing and for professionals working within the sector, they need to keep up to date with the latest legislations and regulations.

### ENROL NOW

## **On Demand Courses**

These courses can be started, paused and resumed online at a time and place that suits you.



### **Heat & Building** Strategy

This express course is intended for all heating professionals, from installers and engineers through to merchants, architects and specifiers. It provides an introduction to the Government's Heating and Buildings Strategy, covering they key announcements, proposed implementation time frames and briefly covering the Boiler Upgrade Scheme.



### Part L Building Regulations

The express course is intended for all heating professionals including installers, engineers, merchants, architects and specifiers. The course provides an overview of the changes to the Building Regulations which were brought into effect in June 2022 with a particular focus on Part L. The course aims to give heating professionals a greater understanding of the changes and their implications on those working in the heating sector



Net Zero & Introduction to Renewables

This express course is intended for merchant sales staff and it provides a general understanding of Net Zero and what it means for the heating industry. In addition to outlining Net Zero and its implications in the heating sector, this course also includes an overview of renewable heating systems.



### **Grant Renewables Product Overview**

This course is intended for merchant sales staff and it provides a detailed introduction to the renewable product offering from Grant UK. The course covers Grant UK's comprehensive range of sustainable heating products as well as delivering an overview of the services that Grant UK can provide including training, on-site technical support, product sizing and system design.



### **Understanding Net** Zero

This express course is intended for installers and merchants and it provides an introduction to what Net Zero means and how sustainable heating solutions will help Net Zero carbon targets to be achieved. The course explores the context for Net Zero, Government legislations. The role of home heating and low carbon heating solutions such as heat pumps.



### How to Enrol

To sign up and join the Grant eLearning Academy, please follow these steps:

- 1. Visit <u>www.grantelearning.com</u> and select 'Sign Up'
- 2. Enter your 'Enrolment Key'
  - -Installers and engineers should use the enrolment key GUKWEB0820
  - -Merchants should use the enrolment key GMERCH1120
  - -Architects and specifiers should use enrolment key GUKSPEC21
- 3. Complete your account set up with entering your contact details and setting your password

Once you have logged into the eLearning Academy, you can start enrolling onto courses.

### **ENROL NOW**