

# Eco<sup>2</sup> Plus combi boiler

AVAILABLE EXCLUSIVELY AT  
INDEPENDENT MERCHANTS



# Eco<sup>2</sup> Plus



**2 YEAR  
WARRANTY**

The new ErP compliant Eco<sup>2</sup> Plus is a technologically advanced combi boiler available exclusively at independent merchants.

Now with advanced combustion management, the Eco<sup>2</sup> Plus continually controls and adjusts the gas flow to deliver improved energy efficiency.

While smaller and lighter than the previous model, customers still benefit from the exceptional reliability they have come to expect from Alpha.



# Discover the benefits 8 great new features

## 1 SPACE SAVING

Smaller and lighter than ever before, the new compact Eco<sup>2</sup> Plus will now sit perfectly in a standard kitchen cupboard\* or is ideal where space is limited.



## 5 NO BOILER RE-SET REQUIRED

The Printed Circuit Board (PCB) now contains a PCB memory chip that holds key data including user and calibration settings. This can be transferred easily to a new PCB if necessary without the nuisance of having to re-set the boiler.



## 2 QUICKER WARM-UP & IMPROVED CIRCULATION

Designed as a one-piece casting with larger waterways and lower overall water content, the new and improved heat exchanger delivers faster warm-up, better circulation and more resistance to overheating and blockages.



## 6 CONTINUAL COMBUSTION MANAGEMENT AND ADJUSTMENT

One single electrode now both lights the boiler and senses the flame. It also feeds information back to the gas valve via the PCB, resulting in continual combustion management and adjustment.



## 3 WORKS WITH NATURAL GAS & LPG

Now with the inclusion of an adaptive gas valve, the same boiler can run on both natural gas and LPG without the need for a separate conversion kit.



## 7 EASY ACCESS FOR SERVICING

The majority of components that may need attention during a routine service are situated at the front of the boiler so they can be accessed and changed more easily.



## 4 FASTER INSTALLATION TIME

Less pipework is required thanks to a new combined condensate and pressure relief valve connection - saving time during installation.

## 8 TIME SAVING SERVICING

With dry-change NTCs, there is no need to drain the boiler before changing the NTCs saving time during servicing.



The Eco<sup>2</sup> Plus boiler comes complete with a standard 750mm cut-to-size flue included. There is also a vertical flue option if required.

| Model   | Part Number | DHW output (kW) | CH output (kW) | Flow rate @ 35°C rise l/min | NOx (mg/kWh) | Dimensions (mm) | Lift Weight (kg) | Standard guarantee | Modulation range |
|---|-------------|-----------------|----------------|-----------------------------|--------------|-----------------|------------------|--------------------|------------------|
| Eco <sup>2</sup> Plus combi with standard horizontal flue | 6.1000187   | 28              | 25.5           | 11.7                        | 18           | 712x440x276     | 35.8             | 2 yr               | 1:8              |
| Eco <sup>2</sup> Plus combi with vertical flue            | 6.1000189   | 28              | 25.5           | 11.7                        | 18           | 712x440x276     | 35.8             | 2 yr               | 1:8              |



## ◀ FEATURES OVERVIEW

- 2 year guarantee
- Compact size and layout
- Easy access for servicing
- Gas adaptive valve - works with Natural Gas and LPG
- PCB memory chip
- High efficiency Grundfos pump and hydroblock assembly
- Single electrode
- Clip-on DHW temperature sensor
- Dry-change NTCs
- One-piece cartridge diverter valve
- Combined condensate and pressure relief valve connection
- Backlit LCD with push button controls and detailed operational information
- Frost protection and daily pump kick



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# Controls



## STAY IN CONTROL

From a simple plug-in mechanical clock to versatile remote timers, we provide a selection of controls to go with the Eco<sup>2</sup> boilers.

Each one enables users to programme their heating systems to suit their lifestyle and desired comfort level – not to mention control energy bills by optimising efficiency.

## WEATHER COMPENSATION

The boiler can be fitted with our external probe, which improves efficiency by adjusting the boiler's heat output according to the outside temperature.

**External Probe**  
**Part No. 3.022383**

## ALPHA CLIMATIC

The Alpha Climatic programmable modulating remote control is a multi-channel time and temperature programmer with integrated thermostat and BUS system to transfer data between the boiler and controller. It enables full remote control of the boiler functions and significantly increased boiler and system efficiency.

Within SAP, Alpha Climatic is classed as an Enhanced Load Compensator capable of measuring and maintaining the temperature inside the building by modulating and limiting the boiler flow temperature depending on the measured room temperature.

Available in wired and wireless versions.

**Climatic RF**  
**Part No. 3.022143**

**Climatic (hard wired)**  
**Part No. 3.022144**

## DIGITAL EASYSTAT

The Alpha digital EasyStat provides wireless time and temperature control with 7 day programming and settings in one hour increments. The compact and simplistic button design ensures easy set-up and operation for all users.



**Digital EasyStat**  
**Part No. 7.2000050**

## MECHANICAL EASYSTAT

The 24-hour Mechanical EasyStat is a time and temperature controller that can provide maximum and minimum room temperature control.



**Mechanical EasyStat**  
**Part No. 6.1000240**



# Customer Service

## Meeting all your customer service needs

Whether you are a homeowner or heating professional you'll enjoy award-winning customer service from Alpha.

We treat each project individually, working closely with our clients to design the perfect bespoke system every time. And, from product training to technical assistance, we're here to provide expert assistance whenever you need it.

### HELPLINE

Before, during or after installation, you can rely on Alpha to provide you with expert advice. Whether it's a simple query or a more complicated problem, help is only a phone call away.

### SERVICE ENGINEERS

In the unlikely event that you experience a problem with one of our products that can't be resolved over the phone, we'll send out one of our nationwide service engineers who aim to keep response times to a minimum.

### FREE INSTALLER TRAINING

The Alpha Academy offers installers free training in our High Efficiency and Renewables course so that you can make the most of our range of innovative products.

Available at various locations nationwide, the one-day course gives candidates practical hands-on experience of installation, commissioning, servicing and diagnostics for our high efficiency boilers.

It also 'lifts the lid' on our renewable energy products GasSaver, FlowSmart and SolarSmart, exploring all the essentials including how they work, installation, plus features and benefits.

We're here to help  
**0844 871 8764**

## HEAD OFFICE:

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TN15 7RS

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Crest Business Centre  
2 Glen Tye Road  
Stirling  
FK7 7LH

## USEFUL NUMBERS:

|                          |                               |
|--------------------------|-------------------------------|
| General sales enquiries  | 0844 871 8760                 |
| Order/Delivery enquiries | 0844 871 8761                 |
| Sales order fax          | 0844 871 8762                 |
| Sales order email        | orders@alpha-innovation.co.uk |
| Training academy         | 0844 871 8763                 |
| Technical helpline       | 0844 871 8764                 |

[www.alpha-innovation.co.uk](http://www.alpha-innovation.co.uk)

