

# ADVECO NEWSLETTER

## Sept 2022

Welcome to Adveco's September newsletter,

This month we turn our focus towards the use of electric for water heating on commercial projects, industry awards and sustainability events where you can meet our team...

## Taking The All Electric Path To Net Zero

As the electricity grid becomes cleaner and the potential for long-term carbon savings grows, commercial hot water systems in the UK are seeing an increased transition towards electric-only designs.

Through the application of simple-to-install, cost-effective, and familiar technology they deliver lower carbon emissions in line with government calls for net zero, address regulatory changes on new gas connections and remove NO<sub>x</sub> for improved indoor air quality (IAQ) and occupant comfort.

Adveco can help design and supply your project with a comprehensive offering of electric boilers and water heaters supporting our [air source heat pump](#) and [solar thermal](#) ranges to deliver low emission all-electric systems for commercial buildings.



New to our product range is the [ARDENT commercial electric boiler range](#), encompassing wall-hung and floor-standing variants with heat outputs from 9 to 100 kW, provides an easy-to-integrate, high capacity, reliable, and compact response for electric hot water and central heating demands in commercial buildings.

ARDENT is designed to serve as an indirect water heater or heating system. Multiple electric heating elements immersed into ARDENT's integrated water storage tank provide a rapid and reliable source of thermal energy for those seeking to avoid a reliance on gas energy supplies. For those projects in hard water areas we can show you how the application of the ARDENT electric boiler can dramatically reduce the costly build up of damaging limescale usually experienced when using electric immersions as a primary heat source.

**GET THE ARDENT ELECTRIC BOILER HANDBOOK**

## THE ELECTRIC ALTERNATIVE



### FPI32 Air Source Heat Pumps

The FPI32 range of commercial Air Source Heat Pumps (ASHP) for the provision of preheat in domestic hot water applications. FPI32 can be supplied as a part of a bespoke hybrid, or all-electric system, as well as an element of a prefabricated plant room system.

[FIND OUT MORE](#)



### GLE Electric Water Heater

Available in a range of sizes from 200 to 1000L, the Adveco GLE is designed to serve as buffer vessel or electric water heater.

Compatible with a wide range of direct electric immersion heater options available from Adveco, the GLE supports duty immersions from 3 to 36 kW, as well as secondary supplementary immersions from 3 to 6 kW for additional heating, or as backup to ensure continuity of service from a single unit.

[FIND OUT MORE](#)

### SSB-E Stainless Steel Buffer Electric

The Adveco range of stainless steel hot water tanks is constructed from high-grade AISI 316L austenitic stainless steel and includes models from 200 to 2500 litres.

One to two-element mounting flanges can be used to house up to four primary immersion heaters in addition to the aforementioned backup immersion heater, delivering electrical heating outputs of up to 84 kW with inbuilt redundancy.

[FIND OUT MORE](#)

## INDUSTRY RECOGNITION FOR ADVECO'S INNOVATION THIS YEAR



We are also very proud to announce that Adveco has been shortlisted this month for a number of key heating industry awards. The AD water heater range has been selected as a finalist in the commercial heating category of both the Heating & Ventilation News Awards 2022 and the Heating & Ventilation Review Awards 2022. Securing its nomination through innovation, effectiveness and environmental impact, the Adveco AD offers a range of commercial semi-instantaneous gas condensing water heaters composed of four models, from 70 to 280 kW supplying up to 5088 l/h of DHW recovery  $\Delta t$  50°C. The HVR awards also chose to name Adveco's FUSION FPH-S hybrid hot water system as a finalist in the Heat Pump Product of the Year category. The complexity and typical requirements of bespoke hybrid systems for commercial applications can make the integration of heat pumps in

DHW systems more expensive and complex to install compared to traditional gas-fired alternatives. FUSION removes this complexity with its pre-sized options which harness Adveco's FPI32 Air Source Heat Pumps with a compact, high-pressure ATSH calorifier with electric immersion. With dedicated controls and metering, FUSION provides a complete, low-carbon hot water system for a wide range of commercial end uses.

**AD WATER HEATER****FUSION HYBRID HOT WATER SYSTEM****THE BIG SUSTAINABILITY EXPO**

## The Big Sustainability Expo

Meet Adveco at Stand 99 to discuss your building's hot water needs

22nd September 9.30am to 3.30pm St. Mary's Stadium, Southampton

[Register for free](#) for the 7th year annual Big Sustainability Expo being held this September in Southampton. Its a chance for professionals in both the private and public sector from across the country to discuss corporate sustainability and the drive to net-zero. Adveco will be on hand to explain how organisations can address net zero through more efficient and more effective hot water applications, system design and new technology.

**Discover an expanding range of low carbon and renewable products**

[L70 Air Source Heat Pumps for larger projects](#)

[Solar Thermal Drainback Systems](#)

[Hot Water Cylinders, Indirect Water Heaters, Calorifiers & Buffers](#)

[Commercial Gas-Fired Water Heaters](#)

[Standalone Heat Recovery from Chillers](#)

[Offsite Constructed Packaged Plant Rooms](#)

## Adveco 2022 Product Guide

Regularly updated for a complete overview of Adveco's commercial hot water and heating product ranges...

**2022 PRODUCT GUIDE**

**ADVECO**  
EXPERTLY ENGINEERED FOR YOU

### 2022 PRODUCT GUIDE

Hot water, heating, renewables & prefabricated plant rooms for bespoke commercial projects

We can help you achieve  
**NET ZERO**  
by  
**2050**



01252 551540



Enquiries@adveco.co

Adveco Ltd. is the hot water specialist with more than 50 years of expertise in the building service industry. Adveco Ltd 2022. Unit 7 & 8 Armstrong Mall, Southwood Business Park, Farnborough, Hampshire, GU14 0NR