



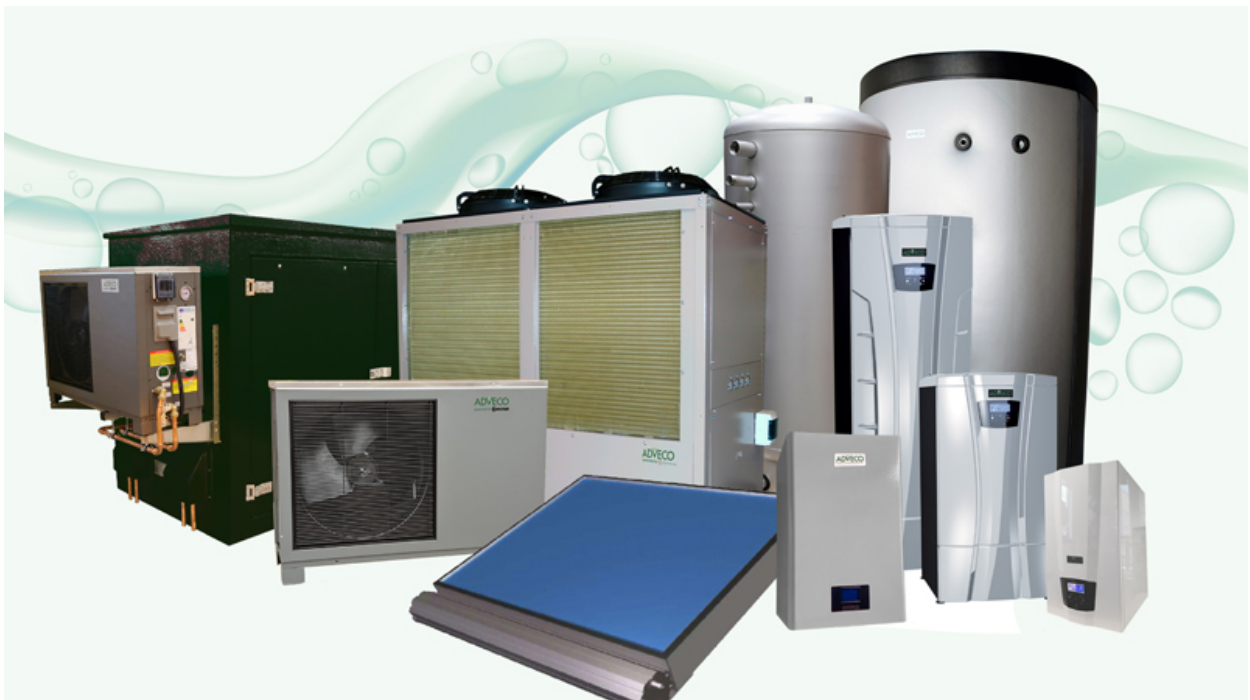
December 2022

Welcome to Adveco's monthly roundup

December is both a month to look back on the past year, but more importantly look forward to the coming New Year.

The built environment sector is very much one of forward sight, it has a goal - net zero by 2050 - and an immense challenge to help achieve that by reducing UK carbon emissions. As much as 40% of emissions can be attributed to buildings and we can see hot water demands in business accounting for as much as 30% of the overall daily energy requirements of a building, so addressing water heating applications is an important step forward.

We have spent much of 2022 developing or sourcing new technologies and creating new applications to do just that. Broadening our product portfolio and finding practical answers in the hybrid use of air source heat pumps, proven solar thermal (see more below) to pre-heat systems, and electric & gas to provide the top up heat necessary for professional systems.



2023 marks an exciting leap forward in technology, with further pre-sized, packaged hybrid offerings, new heat pump technology and more accurate metering to truly understand how systems actually operate enabling better, more cost-effective system sizing and refurbishment. We have had a glimpse of that future at CIBSE Build2Perform this November, and hope to see greater clarification from the government, especially around hydrogen and other green energy supplies.

With winter closing in we have a polite reminder about the importance of annual system maintenance. Adveco's offices will be closed from the 23rd of December, reopening January 3rd 2023. Emergency engineering support is available over the holidays but please refer to the [contact us](#) page on the website during the holiday period for details.

We finish 2022 by sending seasonal best wishes with hopes for a prosperous New Year to you all...

From The Show Floor - CIBSE Build2Perform



We want to say a big thank you to those of you who were able to visit the CIBSE Build2Perform live event at Excel, London and took the time to come and say hello to us on the stand.

It was a great opportunity to showcase just a small selection of our current product offering including heat pumps, solar thermal, our recently launched ARDENT electric boiler, FUSION hybrid hot water system and ADplus condensing gas-fired water heater. We were also very excited to reveal a first look at our next generation air source heat pump, the FPi R290. This features high water temperatures and a much reduced global warming potential (GWP) from the new refrigerant. The FPi R290 will launch in 2023, so keep an eye out for further information on this product's availability next year.



If you were unable to attend, or missed our CPD session on best practices for electric based commercial hot water systems and were interested in taking the session please get in touch to book either a face-to-face or remote training session for your team.

[BOOK A CPD SESSION](#)

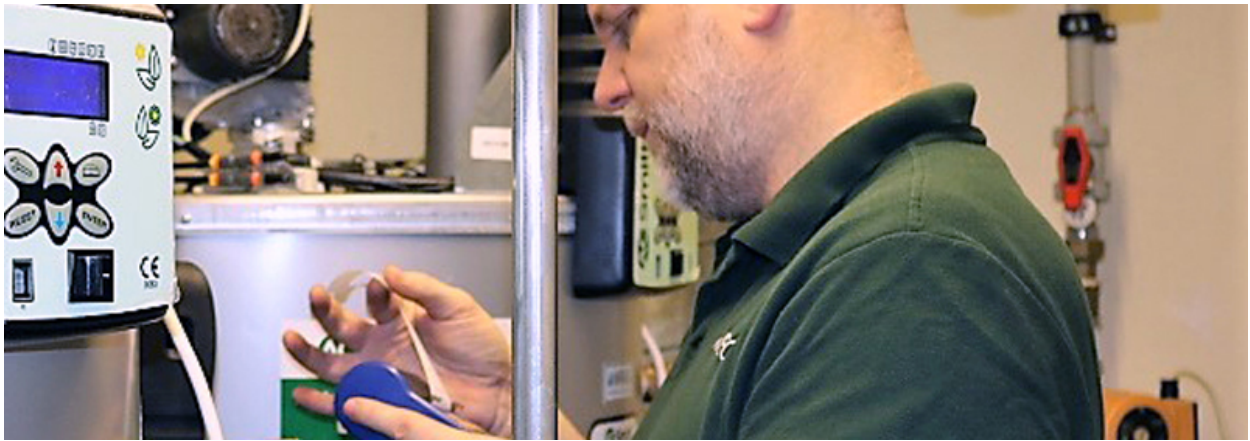
Solar Thermal Hot Water Generation In Commercial Properties



Advenco takes a look at the advantages of deploying solar thermal for hot water generation in commercial properties. As part of an organisation's wider sustainability plans, solar thermal offers a proven renewable technology that reduces emissions whilst able to integrate with other sustainable technology including air source heat pumps, direct electric and ultimately, through retained gas connections, hydrogen...

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Are You Winter Ready?



December is traditionally known in the industry as the 'heat season', its when ambient temperatures begin to plummet, leading to failures in poorly maintained or aging pipework and appliances. It commences a period of intensive engineer emergency call outs which can ultimately lead to slower response.

At Adveco we absolutely recognise the business critical nature of hot water supplies, which is why our application designs and a number of appliances incorporate redundancy systems to ensure hot water keeps flowing until an engineer can be on site should there ever be failure. Despite this, systems still require regular annual maintenance. Yet we see regular maintenance delayed, skipped or passed over to non-manufacturer service companies to cut costs. That is a near-sighted decision that ultimately costs more, since beyond preventing breakdowns, a proper servicing regime is a way of ensuring system long lasting efficiency, which equates to lower emissions and reduces running costs.

Read more about the importance of servicing commercial DHW or, if you are due an annual maintenance check please [book a service now](#).

[READ MORE](#)

What's New From Adveco



ARDENT Electric Boilers

ARDENT is designed to serve as an indirect water heater or heating system. Wall-hung and floor-standing variants for those seeking to avoid a reliance on gas energy supplies. In hard



Hydrogen 20% Blend Ready Water Heaters

The the ADplus & AD ranges of high-power gas-fired condensing water heaters are all 20% hydrogen blend ready without the need for any modification for commercial DHW or



FUSION Hybrid Hot Water System

Adveco's Energy Saving Awards Finalist FUSION hybrid hot water system provides a range of low carbon, all-electric packaged hybrid hot water

water areas the ARDENT electric boiler can be used to dramatically reduce the costly build up of damaging limescale.

FIND OUT MORE

heating projects. This provides a practical choice today, especially for refurbishment projects, while future proofing systems in advance of a greener gas grid.

FIND OUT MORE

applications, available in a range of 16 FPH-S presized variants. With dedicated controls and metering, FUSION provides a complete, low-carbon hot water system for a wide range of commercial end uses.

FIND OUT MORE

Adveco 2022 Product Guide

Get our handy reference book for the complete range of Adveco products. Don't forget these are just the start of our offering, acting as the buildings blocks for your bespoke hot water systems...

2022 PRODUCT GUIDE



Discover Adveoc's expanding range of low carbon and renewable products

- [FPi R32 monobloc Air Source Heat Pump](#)
- [L70 Air Source Heat Pumps for larger projects](#)
- [FUSION pre-sized hybrid hot water systems](#)
- [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](#)



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