

ADVECO NEWSLETTER

February 2023

Welcome to Adveco's monthly round up of news and information...



Its Been An Award Winning Start To The Year

Having closed 2022 by being named Company of the Year by Building & Facilities News and then being named Building & Construction Review's Heating & Ventilation Company of the Year 2023, we rounded off January with Frost & Sullivan presenting Adveco with this year's Best Practices Product Leadership Award in the Europe commercial water heaters and heat pumps market.

"Frost & Sullivan reserves this recognition for companies at the forefront of innovation and growth in their respective industries. These companies consolidate their leadership positions by innovating and creating new products, solutions, and services that meet ever-evolving customer needs. By strategically broadening their product portfolios, leading companies advance the overall market. Driving innovation and growth is a difficult task made even harder by the strategic imperatives forcing change today, such as disruptive technologies, value chain compression, industry convergence, and new business models. In this context, Adveco's recognition signifies an even greater accomplishment."

These awards recognise all the teams hard work over the past year to help communicate the best and most cost-effective means of addressing carbon reduction across a host of varied sites with often unique demands. Our focused and highly competent team of application, sales and service engineers with unprecedented heritage in the commercial hot water field, take great pride in the close working relationships we build with the specifiers, mechanical and health engineers who help create sustainable systems and the many facility and energy managers that use them. We are often a small but crucial part of many larger projects, so these awards reflect on all of those we have worked with over the past year, and we look forward to delivering more award winning systems throughout 2023 with you.

[READ MORE IN THE LATEST ISSUE OF BUILDING & CONSTRUCTION REVIEW](#)



Net Zero In Review

January saw the release Mission Zero, the official government-commissioned review of the government's Net Zero programme to fully decarbonise the economy by 2050 and in particular 2021 the [Heat and Building Strategy](#). The plan has received criticism, not least for the lack of financial support, with major failings highlighted in subsequent [independent reviews](#).

The Mission Zero review's clear aims are to ensure a more rapid and effective strategy to move away from relying on fossil fuels for domestic heat in favour of heat pumps, to the detriment of alternatives and the wider impact of energy use in buildings outside of homes. That reflects the relative speed in which this review was conducted and published, so it is perhaps not surprising that much is skimmed over, whilst other elements feel partisan and certainly not as independent as claimed.

This is most overtly communicated through the call to introduce a ban on the sale and installation of existing natural gas boilers on the market by 2033 to ensure the widespread adoption of heat pumps. Whilst this makes for good headlines and presents the review as making aggressive recommendations, it makes no mention of 'hydrogen-blend' or 'hydrogen-ready' appliances which are expected to circumvent such a ban, and account for almost all gas boilers and water heaters currently being sold, let alone ten years from now. On a commercial/industrial scale, high energy users will have to be exempt.

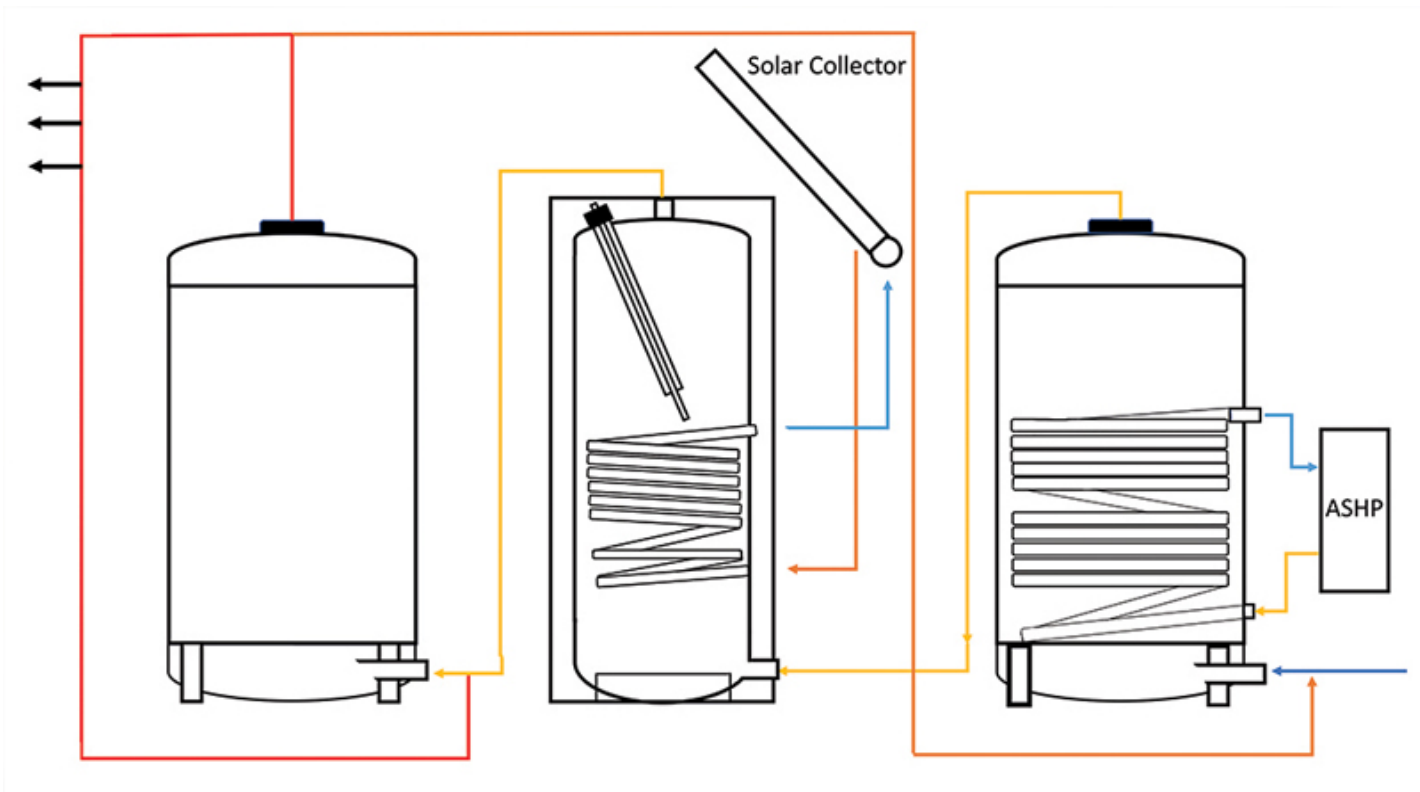
For commercial organisations seeking insight into the options for attaining net zero, the Mission Zero review unfortunately provides little impetus to generate greater support for the sector at a government level. The continued focus on domestic property is another missed opportunity to address the wider criticisms of how achieving net zero is to be realistically achieved.

If you are actively looking for approaches to introduce or increase the sustainability of your property, as well as controlling operational costs from energy consumption, addressing hot water demands is a good place to start. At Adveco we can provide accurate monitoring, correctly sized applications and provide a wealth of technology options from high-efficiency gas replacement through to heat pumps, solar thermal and electric water heating which can be optimised to your property's specific daily needs.

[READ OUR FULL ASSESSMENT](#)

[GET THE MISSION ZERO REVIEW](#)

Hot Water For Healthcare



Example of a three-cylinder arrangement to meet NHS HTM. The heat pump and solar use a dual coil cylinder with the heat pump on the bottom and the solar on top. With this arrangement, there is no thermal conflict between the heat pump and solar adds what it can. The entire tank is heated to 45C by the heat pump and then receives solar top-up.

You can read more about how we can go about meeting the needs for safe delivery of hot water for NHS estates at the Public Sector Sustainability Association's website

HOT WATER FOR THE NHS

Sustainable Hot Water From Adveco



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.



Solar Thermal With Drainback Collectors

Solar Thermal systems for truly sustainable commercial hot water applications that incorporate drain back overhear protection. This prevents stagnation of the solar fluid as a result of high-temperature build-up within the collectors which



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 water areas the ARDENT electric boiler can be used

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would otherwise damage the system.

to dramatically reduce the costly build up of damaging limescale.

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FIND OUT MORE

Adveco 2023 Product Guide

Fully updated for 2023, this useful reference guide provides a full summary of Adveco's current product portfolio. Don't forget these are just the start of our offering, acting as the buildings blocks for your bespoke hot water systems...

2023 PRODUCT GUIDE



Discover Adveco'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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