

ADVECO



PRACTICAL, EFFICIENT
& SUSTAINABLE

CHP, HOT WATER, HEATING, RENEWABLES



PRODUCT OVERVIEW 2017

Adveco (AWP) Ltd.

Trading as A.O. Smith Water Heaters, Adveco (AWP) Ltd. has been the UK supplier of A.O. Smith products and services through a partnership lasting over 45 years.

Adveco (AWP) Ltd. was established in 1971 as Advance Services (Sales) Limited and is recognised by BSRIA as the first UK distributor of direct fired water heaters. With almost half a century of expertise in the building services industry, Adveco (AWP) Ltd. combines first class service and support with the high quality of the A.O. Smith range of products. This range has expanded over time to include water heaters, cylinders, boilers, controls, and solar thermal systems.

Condensing Gas Water Heaters



BFC Cyclone, Innovo, Twister

A wide range of WRAS approved, room sealed high efficiency condensing gas water heaters from 12 - 121 kW.

All tanks feature integral gas heat exchangers with a unique, industry leading design. This delivers the highest efficiency available in addition to a reduction in scale formation in hard water areas.



Gas Water Heaters



Non-condensing Gas Water Heaters

Extensive ranges of atmospheric and forced draught gas water heaters suitable for almost any application, with output capacities from 7 - 110 kW. Includes options for balanced flues, simple controls and conversion from natural gas to propane.



Indirect and Storage Tanks



IT, ITS, ST

A range of glass lined indirect water heaters and storage tanks suitable for a wide range of applications, with storage capacities from 300 - 2800 litres and working pressures up to 10 bar.

Indirect heating coil capacity from 46 - 156 kW. Immersion heater capacity up to 36 kW. Dual-coil vessels available up to 1000 litres.



Oil & Electric Water Heaters



COF, DRE

Ranges of glass lined water heaters designed for use with pressure jet oil, LPG, gas, or three-phase electric heat sources. Oil/gas fired water heater outputs from 50 - 147 kW. Electric capacities from 9 - 54 kW.



Solar Thermal Systems

Collectors and Drainback

High-efficiency flat panel solar thermal collectors in both portrait and landscape configurations for mounting on roofs or walls.

A unique, intrinsically safe drainback system is used to prevent overheating and system stagnation, extending system efficiency and the life of the solar fluid.



SGS, SGE

High efficiency condensing gas-solar water heaters with inbuilt solar controllers.

SGS: Output capacities from 31 - 121 kW

SGE: Integrated solar heat exchange coil. Output capacities from 40 - 60 kW.

Boilers and Cascade Systems

UB Boilers

High-efficiency condensing gas boiler range from 68 - 136 kW, available as floor standing or wall mounted units. All boilers feature inbuilt controls and 7:1 modulation, and are NO_x class 5 with very low gas usage and emissions.



Cascade Systems

Cascade options for up to 8 UB boilers in compact wall or frame configurations, side by side or back to back, with common controls and low loss headers available in various sizes.

For AO Smith sales and enquiries, please contact sales@aosmith.co.uk or telephone 0870 - AOSMITH (267 64 84)

PRACTICAL, EFFICIENT & SUSTAINABLE BUILDING SERVICES SOLUTIONS



Adveco Ltd.

Adveco Ltd. was established in 2015 as the sister company to Adveco (AWP) Ltd., to provide practical and bespoke solutions by employing a complete range of complimentary products and services.

Experience within the building services industry, including 10 years supplying complete solar hot water packages, has made Adveco Ltd. appreciate that the coordination of equipment and controls is the most complicated aspect of modern application design. This has led to the concept of the Adveco Plantroom: Advanced heating and hot water systems with renewable and low-carbon technologies working together seamlessly in the most efficient manner.

By branching out to provide an increased product offering, Adveco Ltd. supplies bespoke systems and plantrooms that prioritise the specific needs of the client without the complication of multiple suppliers.

Combined Heat & Power



TOTEM micro-CHP

High efficiency, ultra-low emission micro-cogeneration unit available with electrical outputs of 10, 20, 25, and 50 kW_e.

Total efficiency up to 107.4% with up to 32.5% electrical and 75% thermal efficiencies. NO_x and CO emissions lower than 10mg/Nm³.

Low-NO_x Condensing Boilers



MD Boilers

High capacity floor-standing condensing gas boilers from 70 to 280 kW, integrating multiple patented AISI 316Ti stainless steel heat exchangers with 10-year warranty that provide in-built redundancy and improved corrosion resistance.

The MD range features ultra-low NO_x and CO emissions at 15 ppm and efficiencies up to 106%. Efficient pre-mix burners, high modulation ratios, and cascade support for up to 8 units for a modular and reliable heating solution.

Stainless Steel Cylinders



SSB, SSI, SST, SSB-E

Versatile range of WRAS-approved stainless steel direct and indirect water heaters and buffer vessels from 200 to 2500 litres.

Available with 0-2 high capacity heating coils ranging from 18 - 108 kW and electric immersion options from 3 - 84 kW.



Heating Buffers and Thermal Stores



MSS, MST, CWT

A diverse range of carbon steel buffers, thermal storage tanks, and chilled water tanks suitable for a wide range of applications.

MSS: Buffers from 500 - 10000 litres. Available with up to two optional heating coils from 500 - 5000 litres.

MST: Thermal storage tanks from 600 - 2000 litres, with high capacity DHW and multiple internal heating coils.

CWT: Chilled water buffers from 500 - 5000 litres.



Packaged Plant Rooms



GRP Plant Rooms

Adveco is an experienced supplier of packaged plant rooms and GRP enclosures for a wide range of applications.

All plant rooms are custom built and delivered complete with all internal appliances and pipe-work connections.

Bespoke Solutions



Adveco Ltd. specialises in providing the right solution for the job at hand, and offer a versatile range of controls and ancillaries to ensure seamless integration of system components.

Bespoke solutions such as waste heat recovery circuits and automatically triggered backup systems are available upon request.



For Adveco sales and enquiries, please contact enquiries@adveco.co or telephone 01252 551 540

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Service & Commissioning

Adveco offer full customer support throughout the lifetime of all appliances and equipment via an in-house team of servicing, commissioning, maintenance and repair staff including qualified engineers based across the UK.

Servicing and Maintenance

Periodic servicing is paramount to the smooth operation of any hot water or heating system. Adveco offer a full range of service and preventative maintenance packages designed to fit the specific needs of the client, to ensure maximum system performance and longevity.

For further information, please contact the Adveco Service & Commissioning department on 01252 551 540 Option 6.

Technical Support & Design

Adveco employ an experienced team of industry professionals to provide first class services including application design, system sizing, and technical support.

Technical Support

An in-house technical department is available to provide specialist technical information and support for any query.

For technical support enquiries, please contact the Adveco Technical department 01252 551 540 Option 4.

Commissioning

Adveco offer thorough commissioning services for all primary appliances within the company offering. This ensures that installations are inspected and approved by experienced professionals who have an intimate knowledge of the specific system at hand.

Repairs

Adveco maintain an exhaustive stock of spare parts and accessories, and can provide a swift breakdown response from a team of engineers based throughout the UK.

Application Design & Sizing

With a long history of expertise in the building services industry, the Adveco application design team provides professional support throughout all stages of a project, from selecting the perfect product to meet a specific need, to complete system design. With an emphasis on clear communication and a versatile range of products and services available, Adveco endeavour to provide bespoke solutions catered to the client's needs with the highest level of quality and customer satisfaction.

For application design and sizing, please contact the Adveco Design department on 01252 551 540 Option 5.

