

ADVECO

EXPERTLY ENGINEERED FOR YOU



BESPOKE SYSTEMS AND PACKAGED PLANTROOMS
FOR ALL COMMERCIAL PROJECTS



PRODUCT OVERVIEW 2019

Advenco

Expertly Engineered for you

With almost 50 years of industry experience, Advenco Ltd. is the trusted specialist provider of bespoke hot water, heating and power systems to the building services industry. Committed to partnering with its commercial and government customers, Advenco helps create comfortable, efficient, functional, safe and sustainable buildings through invaluable support in the design, supply, commissioning and service of business-critical hot water, heating and power.

Recognised by BSRIA as the first UK distributor of direct fired water heaters, and responsible for the introduction of condensing water heating to the UK, Advenco continues to innovate today. Working in exclusive partnership with Europe's most reputable manufacturers, Advenco designs, supplies and supports more than a thousand commercial boiler, hot water, solar thermal and cogeneration systems every year.

Condensing Gas Water Heaters



BFC Cyclone

Wide range of fully ducted condensing gas water heaters
Nominal outputs from 31 – 122 kW, suitable for a wide range of applications
Efficiencies up to 97% gross
Water capacities from 217 – 480 litres

IR (Innovo)

A range of fully room-sealed condensing gas water heaters
Efficiencies up to 98% gross
Outputs from 11.7 to 31.3 kW
Water capacities from 160 – 380 litres
NOX emissions from 22 – 37 mg/kWh



Indirect and Storage Tanks



IT, ITS, ST

A range of indirect water heaters and storage tanks from 300 – 3000 litres
0 – 2 internal heating coils with capacities from 46 – 156 kW
A.O. Smith patented PermaGlas Ultra Coat second-generation glass coating technology

Electric Water Heaters

DRE

Three-phase electric water heater for commercial applications
Fitted with 3 – 9 incoloy-sheathed elements to deliver heating capacities from 9 – 54 kW
Water capacities from 200 – 300 litres
A.O. Smith patented PermaGlas Ultra Coat second-generation glass coating technology to prevent corrosion



Solar Thermal Systems

Collectors and Drainback

High-efficiency flat panel solar thermal collectors.
Available in both portrait and landscape, flat, wall and frame mounted configurations.
A unique, intrinsically safe drain-back system is used to prevent overheating and stagnation of solar fluid for longevity and reliability.



SGS, SGE

High efficiency condensing gas-solar water heaters with inbuilt solar thermocontrollers.
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 6 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 email sales@aosmith.co.uk or telephone 0870 267 64 84



ADVenco

PEACE OF MIND FOR YOUR BUSINESS CRITICAL SYSTEMS

Our industry leading Technical & Design teams support contractors with a single, versatile, specialist sales resource that ensures delivery of the most cost-effective system. Specifiers and designers gain informed support and partnership for the design and delivery of industry defining systems optimised to be highly efficient.

Adveco also offers a full range of service and preventative maintenance packages designed to fit the specific needs of the client. We also maintain an exhaustive stock of spare parts and accessories, and can provide a swift maintenance response from a team of highly skilled engineers based throughout the UK. Facility Managers gain reliable, business critical hot water, heating and power systems that exhibit maximum system performance for low running costs, ease of management and longevity to realise low total cost of ownership.

Combined Heat & Power



TOTEM micro-CHP

Combined Heat and Power range with outputs of 10, 20, 25 and 50 kW_e
Total cogeneration efficiency up to 107.4%
Ultra-low emissions: NO_x at <12 mg/kWh and <10 mg/Nm³, and CO at <10 mg/Nm³

Low-NO_x Condensing Boilers

MD Boilers

High capacity floor-standing condensing gas boiler range from 70 – 280 kW
High efficiency at 106%
Low NO_x emissions, satisfies ErP directive
Patented AISI 316Ti (titanium-stabilised stainless steel) heat exchangers
10 year warranty on heat exchangers and burners



Stainless Steel Cylinders



SSB, SSI, SST, SSB-E, SSB-D

Versatile range of high quality stainless steel buffers and calorifiers from 200 – 2,500 litres
Available with 0, 1, or 2 high capacity stainless steel heat exchange coils from 18 – 108 kW
Electric immersion capacities from 3 – 84 kW
Direct connection flanges for use with high flow instantaneous water heaters

Plate Heat Exchangers

PPN, PPS

Stainless steel packaged plate heat exchanger range from 100 – 600 kW
Designed for instantaneous and semi-storage applications



Heating Buffers and Thermal Stores



MSS, MST, CWT

MSS: Diverse range of carbon steel buffers from 500 – 10,000 litres
Select 0, 1, or 2 internal heat exchange coils for models up to 5,000 litres
Customisable to suit your application
MST: Thermal storage tanks from 600 – 2,000 litres with high capacity DHW coil
Select 0, 1, or 2 internal heat exchange coils
CWT: Chilled water buffer vessels from 500 – 5,000 litres

Packaged Plant Rooms

GRP Plant Rooms

Adveco is an experienced supplier of bespoke packaged plant solutions for a wide range of applications

Designed, built, and delivered complete with all appliances and internal connections



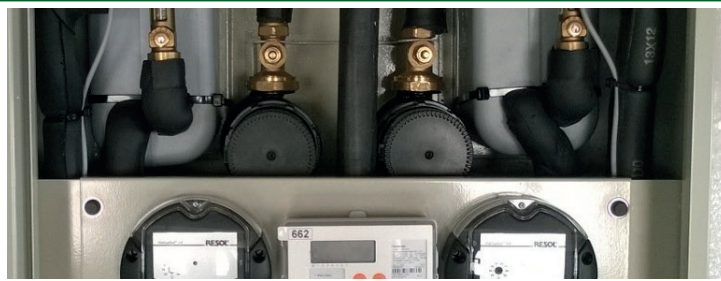
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EXPERTLY ENGINEERED FOR YOU

Advenco Bespoke Solutions

Advenco specialises in providing the most effective response for any commercial project, creating bespoke systems to meet the particular needs of a specific application, from waste heat recovery circuits to automatically triggered backup heating systems.

- Expansive range of controls and ancillaries
- Heat recovery systems
- Control panels
- Fault SMS and E-mail notification systems
- Automatic backup systems



DISCOVER MORE AT WWW.ADVECO.CO

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INDUSTRY EDUCATION

As a provider of heating and hot water technologies, Advenco Ltd. is committed towards the continued growth of knowledge and experience of professionals in the energy and sustainability sector.

Accredited with CIBSE, we are pleased to be able to provide Continuing Professional Development (CPD) seminars for our customers. A range of training courses hosted at your venue or within the training facilities at Advenco's head office in Farnborough are available now. Contact us to learn more or request a session.

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