

# FIRST RESPONSE

PROVIDING LONDON FIRE BRIGADE'S HOT WATER, HEAT & POWER



London Fire Brigade is one of the largest firefighting and rescue organisations in the world, it is also the busiest of all the fire services in the United Kingdom. Since its formal existence began in 1866, its work has grown exponentially, receiving more than 170,000 emergency calls each year, approximately 20,000 of which relate to fires across the Greater London region.

In addition to the role of firefighting, the Brigade provides home fire safety visits and responds to a range of emergency scenarios from flooding, road traffic accidents and major incidents, and animal rescues. It is also a statutory consultee as part of the building regulations process for fire safety design.

- Customer**  
London Fire Brigade
- Sector**  
Public Safety
- Location**  
London, UK
- Application**  
Hot Water, Heating & Power Generation
- Products**  
Adveco MD70 Boiler  
Adveco TOTEM m-CHP  
Adveco Packaged Plant Room  
A.O. Smith BFC28 Water Heater  
A.O. Smith BFC50 Water Heater  
A.O. Smith UB70 Boiler  
A.O. Smith UB110 Boiler



EXPERTLY ENGINEERED FOR YOU



## ADVECO KEEPS HOT WATER FLOWING EFFICIENTLY AT BRIGADE STATIONS ACROSS THE CAPITAL INCLUDING PROGRAMME OF SUPPLY AND LONG TERM MANAGEMENT OF MICRO-CHP FOR ONSITE POWER GENERATION

To support these and many other activities, the Brigade employs more than 5,000 operational firefighters based out of more than 100 stations. Those stations range from new, modern, purpose built sites to listed buildings constructed more than a century ago. Despite the variety of buildings all have an operational need for 24/7 hot water, heating and increasingly self-provision of power to support the shift based crews. London Fire Brigade therefore needs access to a range of products and services to support varied legacy systems as well as new projects throughout Greater London.

Requiring a bespoke approach to each and every site, Adveco works closely with London Fire Brigade, providing initial site review and system design, which can incorporate A.O. Smith water heaters, or appliances from its own range of boilers for heating and micro-CHP products. Projects in the past five years have seen new installations completed in more than 50 stations and the work continues today.

The critical nature of London Fire Brigade's stations for assured response to an emergency has also meant a reconsidered approach to how the Brigade can ensure power is always available 24/7. Adveco has supported this with the deployment of cogeneration systems, generating electricity and reclaiming heat for a buildings central heating system. To ensure high levels of operational efficiency Adveco provides comprehensive service packages for its cogeneration systems.

Adveco is very proud to be able to continue to support the capital's firefighters by helping to create comfortable, efficient, functional, safe and sustainable stations through the design, supply, commissioning and service of business-critical hot water, heating and cogeneration of power.

With almost 50 years of industry experience, Adveco 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, Adveco 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. Headquartered in the UK, the company operates across Europe from offices in the Netherlands and Belgium.

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