

AIR CONDITIONING - VENTILATION - HEATING



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COMMERCIAL - RESIDENTIAL - PUBLIC SECTOR

# About Airtech

**Airtech was formed in 1979 and during that time has built up expert knowledge in all aspects of heating, ventilation and air conditioning for domestic and commercial applications.**

The business is made up of two divisions: Airtech Air Conditioning Services Ltd (for new installations) and Airtech Service & Maintenance Ltd (for aftercare). Our customer base is diverse, ranging from a mobile unit for an individual customer to complex systems for the Houses of Parliament, Westminster, London. We are approved installers for Daikin, Mitsubishi and Toshiba Air Conditioning systems. We are experts in the design, installation and maintenance of climate control systems to suit any domestic or commercial setting. Ideally located to serve London, and Southern England.

## **Commercial systems**

We have extensive experience in air conditioning for retail and office environments and are qualified to install and maintain a range of specialist applications.

## **Residential**

Speak to us about your domestic cooling, heating and air quality requirements and we can provide no-obligation quotes for a range of solutions.

## **Public sector applications**

We design comprehensive, complex systems for large public sector buildings such as schools, hospitals and council offices.

## **Why choose Airtech?**

Approved installers for a wide range of manufacturers.

Knowledgeable, independent advisors who are not committed to any particular manufacturer.

Comprehensive and competitively priced proposals.

Highly trained and accredited engineers.

A dedicated engineer oversees the project from start to finish.

Maintenance plans or same day emergency call-out services available.



# Airtech for Business, Office and Retail

We have extensive experience in air conditioning for offices and retail environments. We are qualified to install and maintain heat pumps, air curtains, chilled water systems, cold stores and refrigeration. Air conditioning systems can be provided to cover a single area or the complete building and we can also offer plumbing, water treatment and complete facilities management.



Photo courtesy of CCG, Crawley

## Cooling and heating

Whether your business is a small high street store, a restaurant, a multi-storey office block or an airport, we can develop a cost-effective heating/cooling system to suit your needs.

- Heat pump climate control
- VRV and multi-split systems
- Ceiling mounted cassette and above-ceiling, concealed, ducted air conditioning systems
- Wall-mounted split and fixed systems

## Specialist applications

Reliable close control systems are essential for maintaining the correct temperature and humidity for server rooms, comms rooms and laboratory environments. We have a number of sophisticated or simple solutions.

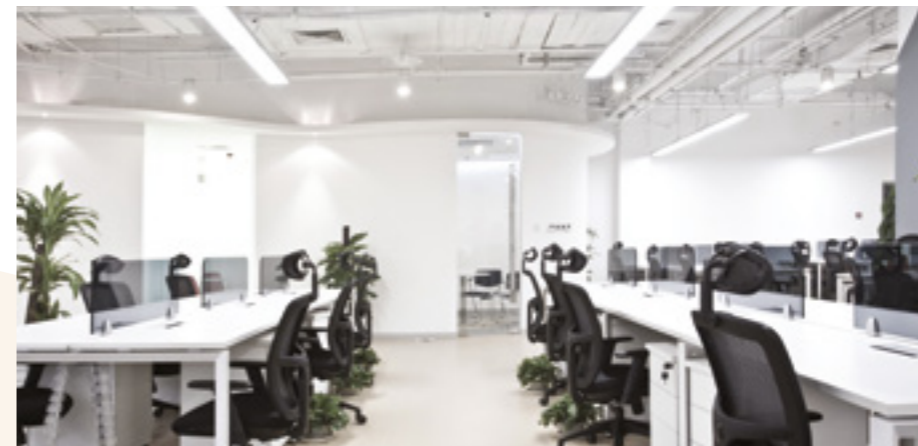
## Air quality control

Effective air purifiers, dehumidifiers and ventilation systems ensure a comfortable, pollution-free environment.

- Air purifiers
- Dehumidifiers and humidifiers
- Ventilation, extraction and fume control

## Refrigeration and cold stores

We can install commercial refrigeration, cold stores, freezers, ice makers and cellar coolers. Our highly trained engineers are fully qualified to undertake all maintenance and refrigerant reclaim and conversion.



# Airtech for Your Home

We are a specialist in the supply and installation of fixed air conditioning units for homes. We undertake installations in all types of homes, ranging from the modest mobile home to high-end residential. Our works are generally undertaken in all areas of Southern England. However, we've installed air conditioning in holiday homes in the South of France, so no location is too far away. Speak to us about your domestic cooling, heating and air quality requirements. We can provide no-obligation quotations for anything from a stand-alone unit to a ducted heat pump system for whole-house climate control.



## Air conditioning

Whether you're looking for a free-standing unit for a single room or a whole-house climate control system, we can design heating and cooling systems to suit your requirements.

## Ventilation air quality control

Keep your home clean and healthy for your family. Heat recovery ventilation systems combined with air purifiers can provide the perfect environment.

## Air-to-water heat pump – domestic hot water and central heating

Altherma and Ecodan systems are energy efficient and an eco-friendly way of heating water. They heat up to 5 times more efficiently than traditional heating systems. They use the heat from the outside air, using much less energy while still providing a stable and pleasant level of comfort.

## Domestic heating

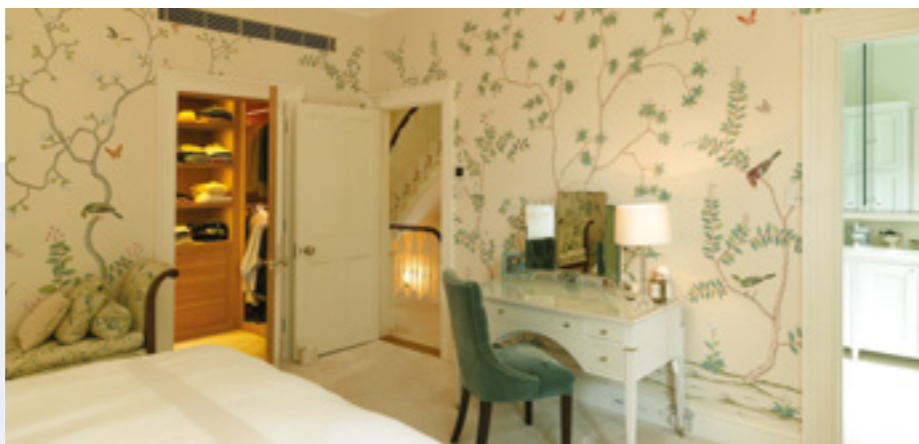
From central heating systems and under-floor heating to bathroom design and installations, we have dedicated teams for the design, installation and maintenance of all heating solutions.

## Wine cellar applications

We were one of the first companies in the UK to supply and install specialist wine cellar cooling systems for home storage of fine wines.

## Swimming pools

We install and maintain swimming pool water filtration systems, heat recovery ventilation and dehumidification.



# Airtech for the Public Sector

We have the expertise to design climate control systems to meet the demanding requirements of public sector buildings. Our technical and design engineers adhere to the latest standards and regulations. They are fully certified to deal with all aspects of heating, cooling and climate control. We have installed and regularly maintain systems within:

- Hospitals
- Schools, colleges and universities
- Government buildings
- Public transport network
- Police stations
- HM prisons
- Ministry of Defence
- Libraries and museums
- Housing associations



## Office climate control

We provide climate control systems, professionally and sympathetically fitted in modern or historic buildings to comply with office health and comfort standards.

- Heat Pump climate control
- VRV and Multi-split systems
- Ceiling-mounted cassette air conditioning
- Wall-mounted split and fixed systems

## University, school and hospital heating and cooling

We install cooling and heating systems for large areas which accommodates frequent movement of large groups of people. All installations comply with health regulations.

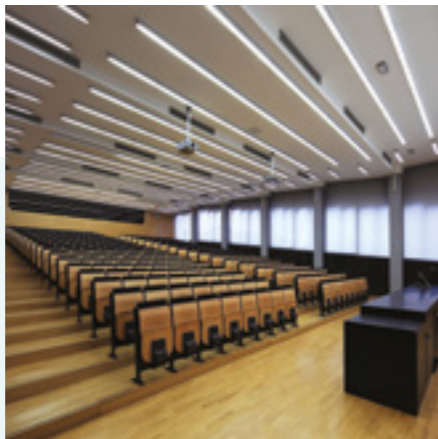
## Close control systems

Reliable close control systems are essential for maintaining the correct temperature and humidity for server rooms, comms rooms and laboratory environments.

- Air purifiers
- Dehumidifiers
- Ventilation, extraction and fume control

## BMS Building management systems

We design, install, service and maintain all types of building management systems (BMS) and smart technology, controlling: lighting, heating, audio-visual equipment, water and air conditioning.



We provide services and systems to universities, NHS hospitals and other medical institutions.



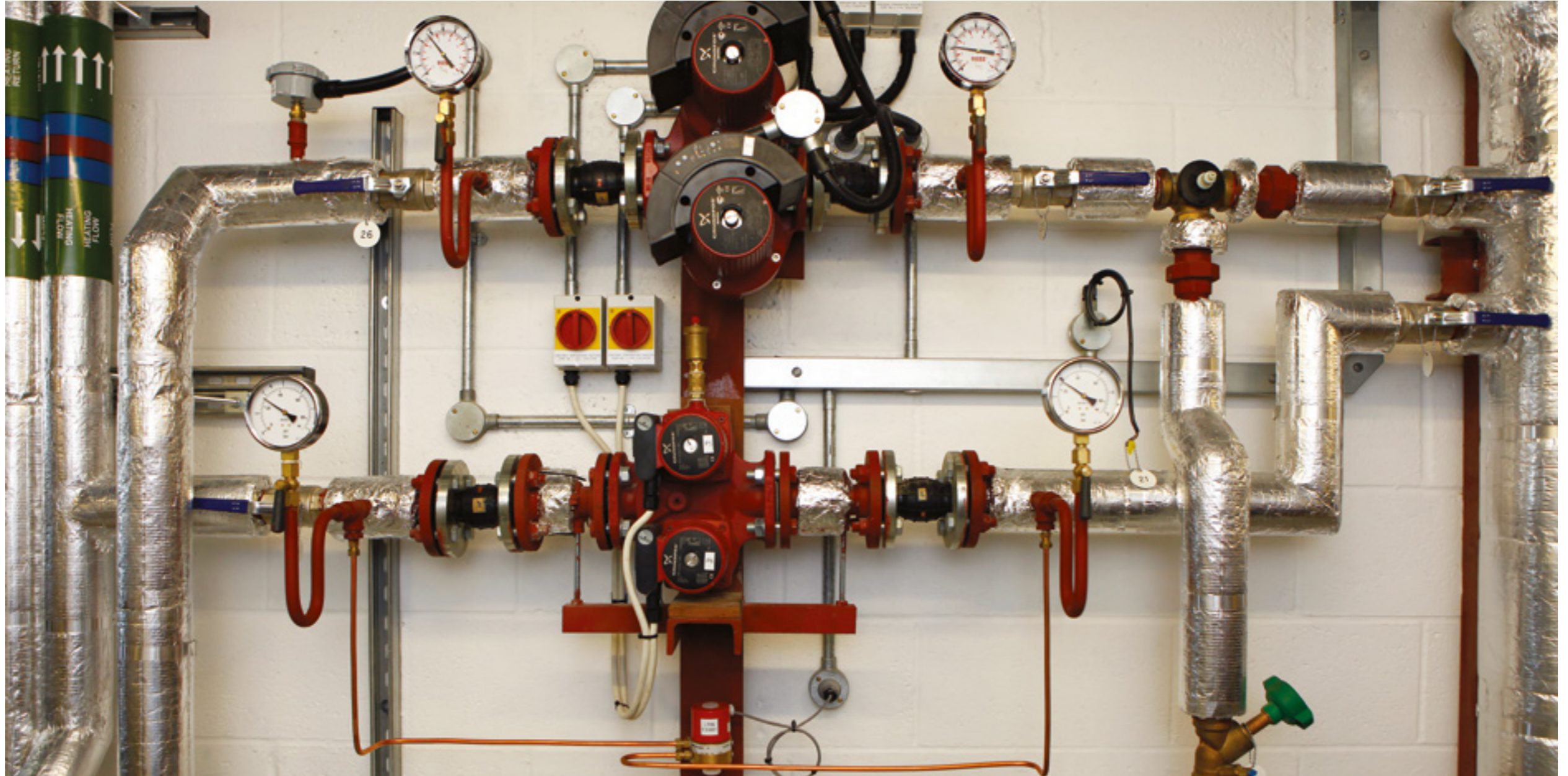
# Airtech for Building Mechanical Services

We offer a total building mechanical service. The service covers heating, gas and plumbing as well as electrical, ventilation, air conditioning, heat pumps, heat recovery and more. All of our engineers are fully qualified and our heating engineers are given up-to-date training compliant with the Gas Safe register.

Call us for an assessment of your building mechanical requirements.

**We offer installation and service of the following:**

- Air conditioning
- Refrigerant gas systems
- Electrical systems
- Water supply systems
- Water waste systems
- Water treatment for cooling towers
- Water pumps and pressurisation
- Boilers and heating systems
- Power flushing services
- Ventilation supply and extract
- Heat recovery ventilation
- Heat pumps air and water
- Structural work related to the above



# Airtech for Planned Maintenance

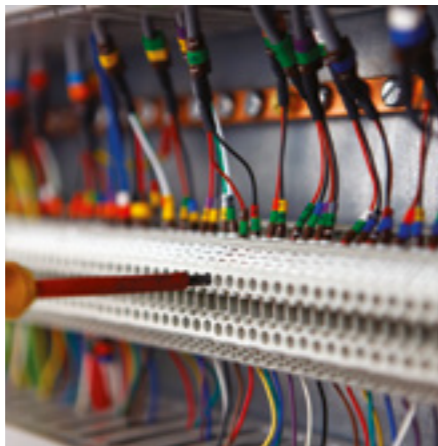
## Routine maintenance and emergency service

Recently legislation has come into effect, making it compulsory to engage a regular servicing schedule for air conditioning units in order to prevent the release of refrigerant gases that contribute to global warming. As well as being environmentally friendly, well maintained systems will run more efficiently, keeping running costs low and preventing breakdowns.

Planned maintenance is available to suit your specific requirements and can cover anything from a one-off call-out to a comprehensive agreement including all labour.

The call-out response can be tailored as necessary. We offer a same-day or next-day service and, if required, we can offer a timed response within 3 hours of receipt of the call. All of our vehicles are fitted with the latest fleet management tracking software enabling us to quickly allocate whichever engineer is closest to the emergency. Even if you have no current maintenance agreement, we will attend to any breakdowns which may occur.

Charges are reasonable and based on an initial call-out fee which includes travel to and from your property and the first hour of work. Should work entail more time than the hour allowed, the extra time would be charged. We offer planned maintenance customers reduced prices for parts and labour.



## Air conditioning service and maintenance

Our highly qualified and professional engineers can provide the maintenance and breakdown requirements for all air conditioning and heating systems, including the following:

- European and Japanese comfort cooling systems
- Close control lab, server and Clean Rooms
- Ventilation, extraction and fume control systems
- VRV, VRF and multi-split systems
- Mobile air conditioners
- Chilled water systems
- DX split systems
- Chillers
- Boilers
- Dehumidification
- Wine stores and cellars
- Kitchen refrigeration equipment



# Trust Airtech



3 kW to 5 kW of free heat. CO<sub>2</sub> emissions generated from your heating can be reduced by up to 57% compared with a traditional combustion-based fuel boiler or by 28% compared with a condensing gas boiler.

### The environment

Climate change, often referred to as global warming, is considered to be one of the greatest environmental threats facing the world today, making the summers in Britain hotter from one year to the next. Air conditioning in offices is no longer viewed as a luxury – these days it is just as essential as central heating is in the winter. All the types of air conditioning/refrigeration systems we supply are totally sealed and installation techniques are such that no refrigeration gas is released into the atmosphere.

### We're here to help

With 3 decades of experience and knowledge, we can help improve and make changes to your environment.

We are also proud to provide help with fund-raising for local charities.

### The benefits of heat pumps

Heat pump technology extracts low grade thermal energy from the environment (air or ground), upgrades the heat to a higher temperature and releases it for use in a heat pump boiler. Uses include central heating systems with low temperature radiators, under-floor heating systems or fan coil units.

### Benefits

A heat pump boiler works much more efficiently and saves more energy than a traditional heating system based on fossil fuels. 1 kW of electricity consumption generates



Proud sponsors of the swimming team at Handcross Park School, West Sussex



### We are approved dealers and installers for:

- Daikin
- Fujitsu
- Mitsubishi
- Carrier
- LG
- Qualitair
- Marstair
- Delonghi
- York
- Trane
- Toshiba
- IMI
- Denco