

Fixed Climate Control Solutions

Heating, Ventilation, Air Conditioning



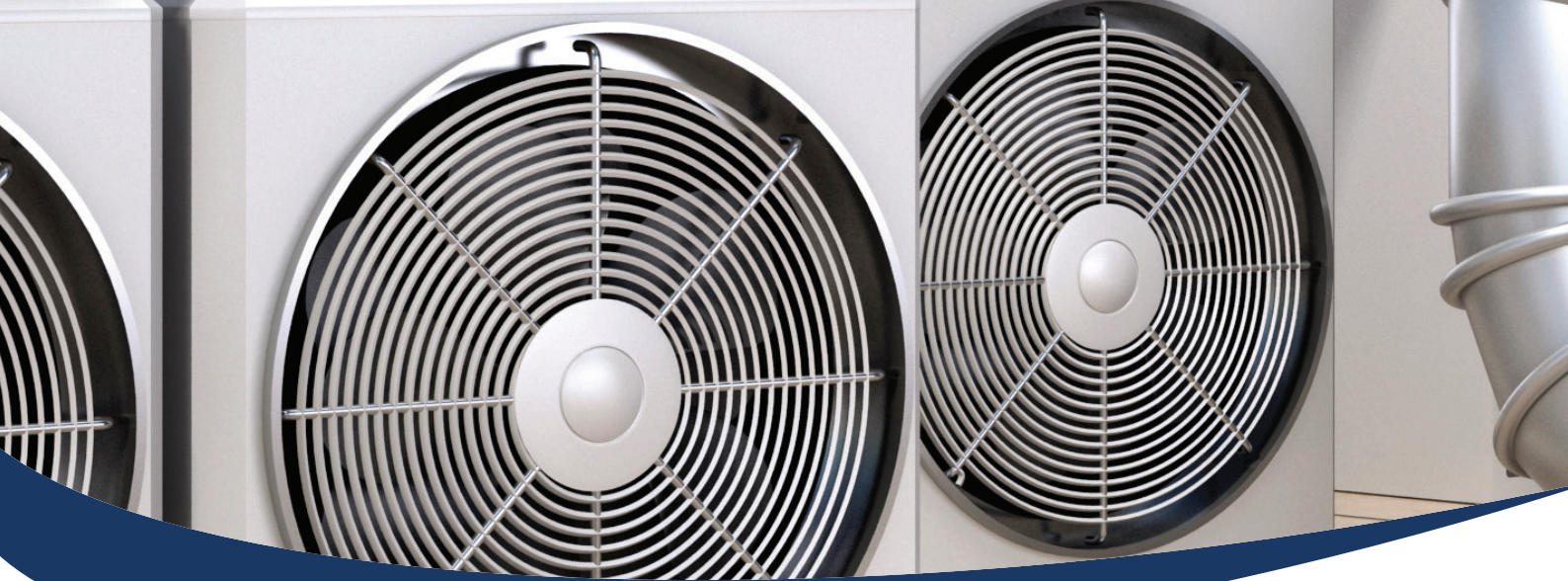
***Providing modern
climate control
solutions.***



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Why Choose Elite?

Your Needs: Our Priority

Our priority is to ensure you are left with the most suitable, cost effective and efficient climate control system that meets your specific needs. Our systems are custom designed so that the environment in

which you live, work and play benefit from improved air quality and deliver desired temperature levels consistently.

Your Environment: Our Solution

We've gained experience across a wide range of market sectors, from manufacturing, retail and information technology, to education, healthcare and hotel and leisure.

So no matter if your requirements are within domestic, commercial or industrial applications we can design and install a HVAC system to your specific requirements.

“ Specialist knowledge and unique solutions for the building industry! ”

Your Budget: Our Advice

We are able to design and install fixed HVAC systems to suit all budgets. The perfect system for you could cost less than you think.

We can advise you on finance packages available to help spread the costs and work well with government backed financial

incentives. Our team will do their utmost to help minimise project costs and maximise value for money.



Your Project: Our Team

A dedicated project management team will be assigned to your project, complete with fully qualified engineers, professional and friendly project support and knowledgeable HVAC designers; keeping you fully updated from site survey to commissioning and beyond.



System Design & Installation

Free Onsite Consultation

To ascertain your specific requirements and appropriate system design, we will visit you onsite and provide you with a free consultation, offering you our advice based on over 25 years' experience.

So why not call us to organise a no obligation free site survey and discuss your air conditioning requirements today.

Bespoke System Design

Our air conditioning installation service is recognised as one of the best in the UK. At Elite we understand that no air conditioning installation project is the same.

Our bespoke system designs and ideas will ensure you receive an air conditioning system that suites you specific needs and requirements.



Tailored Quotations

Your quotation will be tailored to your bespoke system design; ensuring you receive a value for money air conditioning system.

Project Funding

At Elite we like to make the whole process as stress free as possible, this includes pointing you in the right direction regarding various financial options.

To help fund your project and avoid being frozen out with unexpected costs, a number of financial options are available,

from flexible lease purchase finance options to government backed tax deductible capital allowances.

Taking advantage of these options means your air conditioning installation may not cost as much as you think.

Minimising Breakdowns

We want to reduce the chances of your system breaking down, minimising inconvenience to you. Our installation engineers only use the most reliable and energy efficient air conditioning

products sourced from trusted manufacturers such as Mitsubishi, Toshiba, Daikin and Fujitsu. We have kept our independence from these manufacturers so we can offer

you the widest range of high quality products suitable for your project and budget.

Reducing Fuel Costs

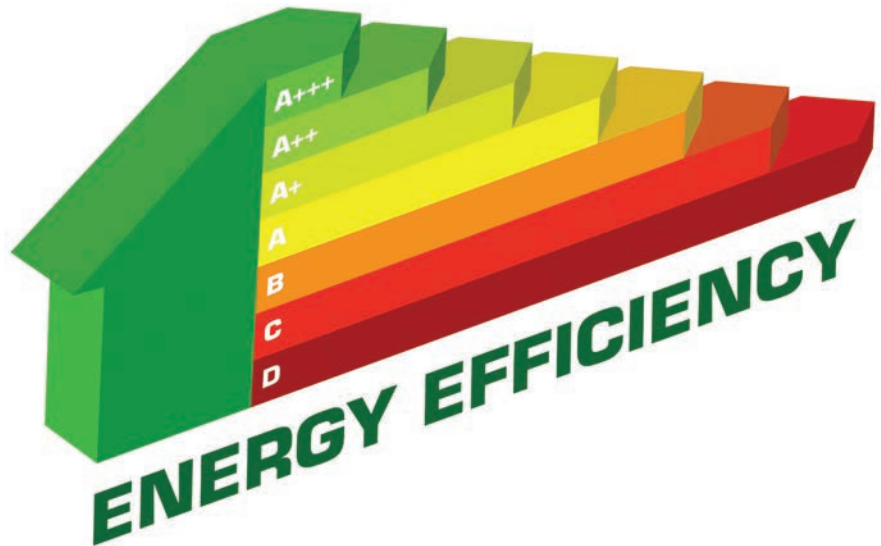
We use heat pump technology where possible to significantly reduce your fuel costs and CO2 emissions.

Systems utilising heat pump technology tend to be more cost effective and environmentally friendly thanks to less fuel wastage during operation.

Project Support

A dedicated project management team will be assigned to your project, complete with fully qualified, professional and friendly engineers.

Your Elite project management team will be on hand to provide any support or HVAC advice you need. You will be kept fully updated with your project from site survey to commissioning and beyond.



“ Here to provide project support and HVAC advice from site survey to commissioning & beyond! ”





Service & Maintenance

Long Term Cost Saving

Maximising your investment and avoiding system breakdown is one of our key priorities, helping you to save money in the long term. To increase system life span and maintain efficient operation we advise

regular servicing and maintenance. To ensure a hassle free performance and minimise the life cost of your system call us free on **0845 207 3720**.

Flexible Package Options

You have a number of service and maintenance packages available to choose from, if you're unsure about what you need we can advise on which option would suit your system best.

If you have a number of sites around the UK with air conditioning, you could benefit from our bespoke service and maintenance option, ensuring all of your air conditioning systems around the UK are covered.

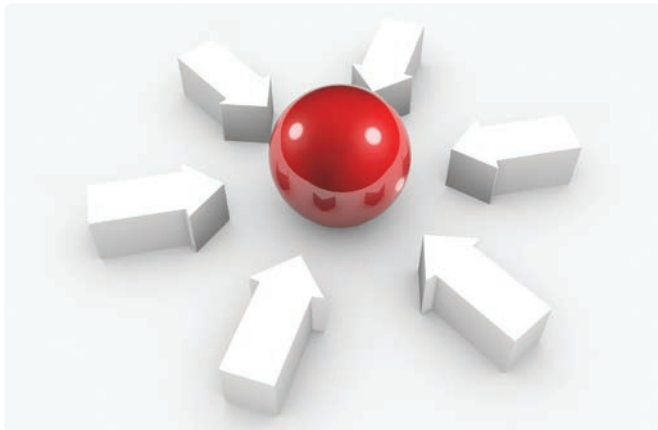
*“ Here to
maximise your
investment and
avoid system
breakdown! ”*

Servicing Around You

We only carry out air conditioning maintenance when necessary. The frequency of visits can vary depending on your system, its usage, the operated environment and cooling requirements needed.

Our advised visit frequencies are there to save you money in the long term and all visits are of course agreed with you in advance. With a service agreement in place you can

enjoy the full benefits of the manufacturer's warranty giving you peace of mind.



One Source of Contact

Our engineers have many years' experience dealing with all types, makes and models of air conditioning equipment and systems.

This benefits you as we have the expertise to carry out necessary servicing and maintenance on your existing system, even if we didn't install it. All that's needed is one contact for all of your air conditioning requirements.

A Typical Service

A typical service includes the following where applicable and is carried out by fully qualified Elite engineers with a friendly and professional approach.

- Heating and cooling mode operation checks
- Remote control operation check
- Clean air filters
- Clean condensate pump
- Test drainage system
- Pipe work and insulation check
- Inspect and clean indoor and outdoor heat exchangers
- Electrical connection check
- Check all covers are secure
- Check air flow and temperature differentials across coils
- Check supply voltages and running currents meet required specifications.

Book Your Service

Our engineers will undertake a service at a time convenient to you. So to increase your system's life span and maintain efficient operation call us today.

Repair & Breakdown Service

Emergency Response

Even with regular servicing air conditioning systems can breakdown, in some cases systems can't be repaired on the same day. This can leave staff, customers and sensitive stock in conditions that are inadequate.

Should this scenario become an unfortunate reality, our hire services division will be there to provide a temporary climate control solution until your fixed system has been fully repaired, whether it's cooling, heating, drying or humidification required.

24/7 Availability

With one of our Planned Service and Maintenance Agreements in place, you'll be able to reach us 24/7 should the need arise.

If your system encounters a breakdown within a 'critical area'; such as a Server or Comms room, we'll be out that day to investigate the system failure.

For all other areas we offer a next day response service.



Free Quotations

We understand your air conditioning system is very important to you and your business.

Should your system suffer with a breakdown or need repairing, simply call us on **0845 207 3720** for a free no obligation quote.

Fully Trained & Experienced Engineers

Our engineers have many years' experience dealing with all types and makes of air conditioning equipment and systems in domestic and commercial buildings, meaning we can repair pretty much any kind of air conditioning system, even if we didn't install it ourselves.

All repairs are carried out by fully qualified Elite engineers with a friendly and professional approach, only repairing damaged parts with original high quality replacements from trusted manufacturers.



TM44 Inspections & Reports

Ensuring Compliance

As an Elite Climate Control customer you can benefit from our knowledge, advice and certified assessors to ensure your premises complies with all of the necessary requirements before the Energy Performance of Buildings Regulation's deadline dates.

The timescale deadlines for completion and attainment of your inspections and TM44 report will vary depending on the rated output of your air conditioning system. You should be in line with the relevant deadline dates, if you're not or unsure simply call us on **0845 207 3720** today for advice or to organise your inspections.

Don't Risk a Fine

TM44 inspection reports are only valid for 5 years from the date of the report completion. After which a new TM44 inspection report should be completed, failing to meet these air conditioning inspection regulations could result in a fine.

Needless to say it's imperative you keep a close eye on when your next inspection is due.

Organise Your Inspection

If you require further advice on your air conditioning inspections and TM44 reporting, please do give us a call on **0800 131 3343** or eMail us at **info@eliteclimatecontrol.co.uk**.

*“ Benefit from our advice
& certified assessors for
TM44 compliance! ”*



F-Gas Legislation & Regulations

About F-Gases

F-Gases are a family of chemicals that contain fluorine, known as fluorinated greenhouse gases. Most F-Gases are very powerful and contribute toward global warming if emitted into the atmosphere. Many commercial, industrial and public sector organisations have to meet obligations under the EC F-Gas Regulation, especially those that use, maintain or install refrigeration/air conditioning equipment. This is where we come in!

F-Gas & Our Servicing

We will undertake a service on your behalf, ensuring all of the regular system checks are carried out fully, in a professional and completely F-Gas compliant manner.

This includes making sure that the gas in your system is recovered into a container to be weighed. If the weight does not match the weight stated on the equipment label, an investigation will be carried out to determine the source of any leak.

It's also worth noting that these obligations depend on the amount of refrigeration in each separate system.

Two plants are only considered to be separate if there's no interconnection between their refrigerant circuits, meaning refrigerant cannot flow directly from one system to the other.



F-Gas Regulations

The key EC Regulation obligations that were put into force in July 2007 aimed to reduce HFCs, PFCs and SF6 emissions. Statutory Instrument No.41 prescribes offences and penalties applicable to infringements of the EC F-Gas Regulation and lays out the qualification and certification requirements.

The EC F-Gas Regulation usually places responsibility with the owner/operator, even if there's a comprehensive maintenance contract in place. The EC F-GAS Regulation defines the operator as the natural or legal person exercising actual power over the technical functioning of the equipment or system.



Operator's F-Gas Obligations

With all stationary systems, F-Gases are to be recovered during plant servicing and maintenance as well as at the end of plant life. All new equipment should be labelled and steps should be taken to prevent F-Gas leakages. Detected leakages should be repaired as soon as possible.

Hermetically sealed stationary systems above 3kg or 6kg should be checked regular for leaks. Stationary systems above 300kg should be fitted with an automatic leak detection system.

The frequency of leak testing will vary depending on the size of your system; it could be quarterly, 6 monthly or once annually.

Contact Us

For more advice, information or to organise a Elite Climate Control service and ensure your F-Gas compliant, please give us a call on **0845 207 3720** or eMail us at **info@eliteclimatecontrol.co.uk**.

Our F-Gas Obligations

With all stationary systems, we will use adequately trained staff to carry out installation, servicing and maintenance as well as leak checking.

For stationary systems above 3kg, we will keep certain records about refrigeration plants that use F-Gases.

We will also ensure all obligations are carried out fully when taking out a service and maintenance contract with us as detailed in your service agreement.



R22 Replacement

R22 Legislation Changes

If your air conditioning system is over 10 years old it probably contains R22 refrigerant gas. With R22 systems now unserviceable due to the changes in legislation as of 1st January 2015, there are a number of options for you to consider.

Your Options

We're here to help you decide which approach is best for you given your circumstances. There are 4 options to consider; Replace your plant, modify your equipment, Replace the technology or continue to use recycled/ reclaimed HCFCs. We find the best long term approach is to replace your current R22 system with a R410a system.

“ We'll identify the right option for you, based upon your circumstances! ”

1. Replace Your Plant

Replacing your R22 system not only results in legislation compliance, but reduces both your carbon footprint and system running costs significantly. There's also the added benefit in reducing the need of repairs and chance of system breakdowns with new modern equipment.



2. Modify Your Equipment

Some systems can be modified to use an alternative refrigerant, or a clean 'drop in' refrigerant. The advantages of this approach are you incur minimal capital outlay and only short term disruption. However the running costs of R22 systems in general can be up to 55% higher than a modern system.

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11. CONS:
The equipment will have to be REPLACED AT SOME POINT 2015, so you are sim

CONTINUE
USE RECYCLED/ CLAIMED HCFCs UNTIL AFTER 2015

Call 0845 207 3720

3. Replace Technology

You can replace the indoor and outdoor units, leaving all of the existing wiring and pipework in place. This reduces running costs and significantly increases system energy efficiency using clean energy.

Simply replacing the units will lower the initial capital outlay compared to a complete system replacement; however this is not always possible. Some systems will need to be completely replaced.



4. Do Nothing

You can choose to continue using your current system and use recycled/reclaimed HCFCs until your system breaks down, however this equipment will need to be replaced at some point.

To reduce disruption and stress, it is better to plan for a system replacement sooner rather than later.

Offset Your Project Costs

Replacement costs may not cost as much as you think. Offset your project costs with help of the Enhanced Capital Allowances Scheme at www.etl.decc.gov.uk.



YOUR OPTIONS...

PROS: Minimal capital outlay and short term disruption.

CONS: Unless you are leasing your equipment, replacing equipment is a **LARGE \$M UPFROOT.**

EFFICIENCY which will last **20-30 YEARS** when properly maintained.

RUNNING COSTS of R22 systems are up to **50% HIGHER** than modern systems.

12.



Our Sector Experience

Creating The Perfect Environment

With a wealth of experience and expert knowledge, Elite will help deliver the right HVAC solution for you and your needs, no matter your building type or business sector. From small renovations to large new build projects we've done it all before. To find out more about why a perfect environment is essential within your business operations and day to day activities, take a look at the following details.

Commercial

Air conditioning in both the summer and winter period is massively important within commercial premises. With IT equipment and glass fronted buildings generating heat in the summer, staff productivity dramatically decreases.

During the winter, cold work places also slow up employee activity. Maintaining a commercial building's temperature can be a tricky task. Let us at Elite create the perfect environment for your premises.





Retail

Within the retail sector competition has never been so fierce, so providing customers with the best possible shopping experience every visit is imperative for repeat business and increased shopping time in store.

Hot and stuffy stores are a massive turn off for shoppers, so don't let this be the difference between you and the competition.



Manufacturing

Protecting staff, raw materials and finished goods are a major concern for manufacturers. Excessive heat produced from production processes can lead to damaged goods, not to mention increasing the risk of injury to employees.

It's critical that production areas are kept at acceptable temperature levels. A bespoke HVAC solution from Elite will reduce possible damage / injury whilst also help to improve production line productivity.

Education

It's paramount within schools, colleges and universities that perfect temperatures are maintained, delivering optimal concentration levels, especially during exam time.

It's no secret finances are stretched within the education sector, however quite often old in-efficient HVAC systems go un-noticed, resulting in increased heating bills. To reduce your bills and increase comfort, give us a call and start saving today.



Our Sector Experience

Hotel & Leisure

The hotel and leisure industry demands a wide range of air conditioning solutions, from silent bedroom air conditioning to high performance air control within restaurants and gym areas. Guests, diners and gym members now expect effective air conditioning; it's no longer 'a nice to have'. And to you, it needs to be cost-effective, efficient and pleasing on the eye, all of which Elite can cater for.



“ Guests, diners & gym members now expect effective air conditioning! ”

Public Sector

At Elite we always work to rigorous standards and well executed procurement processes to allow us to work efficiently with local and national government departments, providing the right HVAC solution in a wide range of applications, from IT suites to prisons.

Each and every project undertaken is completed to the highest standards whilst delivering value for money.



Information Technology

Server rooms and IT suites are critical to the functionality of most businesses today. With valuable data and sensitive equipment all situated within the same room, every precaution needs to be taken to ensure system failure and data loss doesn't occur.

At Elite we can provide the ideal HVAC solution to eliminate possible rising room temperatures and moisture build up in the air.



Healthcare

From hospitals to care homes we understand just how critical it is to maintain the correct temperature within healthcare facilities. Keeping patients at the desired temperature is a necessity as well as a comfort, helping to reduce recovery times and risk of further infection.



Insufficient ventilation and air conditioning also increases the risk of illness to members of staff and visitors. So let Elite take care of your facility.





Case Study

Client: CSCM IT Solutions

Project Location: Oldbury: West Midlands

Project Details: Supply and installation of server room air conditioning

Background

CSCM provide IT Advice and IT Support in a wide range of differing business sectors to organisations across the UK and in other parts of the world, and have been doing so for over 20 years.

Situation

CSCM required dedicated cooling for its newly built main server room. The new air conditioning system needed to be kept completely separate from any other cooling system in the building, this was to ensure constant ideal server room temperatures should the building's main air conditioning system fail.

It was critical a constant cool temperature was maintained to avoid any potential overheating of sensitive equipment and main servers situated within the room.

Prior to this requirement CSCM chose Elite Climate Control to install its 'general office' air conditioning system. Satisfied with the systems performance and Elite's after sales customer service, CSCM didn't hesitate in commissioning Elite Climate Control to supply and install the new air conditioning system required in the new server room.



Solution

Based on the size of the server room and the reliability required for the application, Elite decided to install a Mitsubishi Electric P Series wall mounted system. It's ideal for small to medium sized server room applications and it also matches the equipment Elite previously installed in the general office area.

The Mitsubishi Electric P Series consists of one indoor unit and one outdoor condensing unit. The outdoor unit needed to be installed at height on the rear of the building, this was to reduce to possibility of vandalism or theft which had previously been an issue. Elite used specialist access equipment in order to carry out the high level external works.

In total the complete installation including commissioning took two days with minimal disruption to CSCM's day-to-day operations.

CSCM already had an on-going Elite service agreement in place for the air conditioning system situated within the general office area. As a result of the new server room system installation, the service agreement was modified to include the new system. This ensures the equipment performs to its optimal levels and the risk of system failure is greatly reduced.



Testimonial

“Working with Elite Climate Control has been a ‘breeze’. From start to finish the company has provided a fast, effective and reliable service.”

Jude Thompson - CSCM Managing Director

Bespoke system
design...





high quality
Installation.



Elite Climate Control Ltd.

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