



 **ANDREWS**
AIR CONDITIONING

.....
**INSTALLING CONFIDENCE,
MAINTAINING CONFIDENCE**
.....

SALES SERVICE INSTALL HIRE

0800 731 8833

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AIR CONDITIONING INSTALLATIONS

ANDREWS AIR CONDITIONING IS
RECOGNISED AS THE UK MARKET LEADER
IN ENERGY EFFICIENT AIR CONDITIONING

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AIR CONDITIONING INSTALLATIONS

In the recent past, an air conditioning installation was often considered an extravagant luxury. However, with rising summer temperatures and increasing quantities of heat-sensitive technology in our homes, workplaces and leisure facilities, most of us are realising that air conditioning is rapidly becoming a necessity. Andrews Air Conditioning is your ideal installation partner.

OUR SERVICE

Our complete air conditioning installation service normally starts with one of our experts visiting you at your premises to discuss your air conditioning requirements. In developing our proposals we will take account of a wide range of criteria such as:

- The size and shape of the space to be temperature-controlled
- Your current and potential future use of the space
- Heat loads from occupants, equipment and any other sources which must be controlled
- Special features of your premises, your activities or other requirements you may have

QUALITY EQUIPMENT

All Andrews Air Conditioning installations use equipment only from leading air conditioning manufacturers - including Daikin, Fujitsu, Mitsubishi Electric and Toshiba - and incorporate all the very latest technology to ensure your air conditioning delivers the benefits of low energy consumption, super-silent operation and a long, trouble-free life.

We want to make sure your air conditioning installation investment is as cost-effective as possible. Therefore, as part of our quotation, Andrews Air Conditioning will show you how to obtain valuable financial assistance such as government-backed tax deductible capital allowances.

Don't forget, modern air conditioning isn't just for cooling. Our systems also incorporate the latest heat pump technology which, as well as providing effective summer cooling, delivers highly effective and energy-efficient winter heating by cleverly harnessing the free energy of the ambient air.

PEACE OF MIND

To give you complete peace of mind, all our air conditioning installations include our dedicated project management service. Your Project Manager will co-ordinate the activities of our fully qualified air conditioning installation engineers, keep you fully informed of progress and ensure any effect on your day-to-day operations is kept to an absolute minimum.

We understand that every air conditioning installation project is unique so our tailor-made proposals and quotations cover everything you need - all free of charge and without obligation.

OUR COMMITMENT

At Andrews Air Conditioning we are experts in the design, installation and repair of all types of fixed air conditioning systems, combining a full nationwide capability with the kind of friendly and cost-effective service you might expect from much smaller companies. Andrews Air Conditioning is a subsidiary of Andrews Sykes Plc, the UK's largest specialist provider of temporary and permanent temperature control, air treatment and fluid pumping services, so you can be sure we have the expertise and resources to match our reputation.

No matter what type of space you have, or what environment you are seeking to create, we're sure there's an Andrews Air Conditioning installation solution that's right for you.



AIR CONDITIONING PLANNED MAINTENANCE

ANDREWS AIR CONDITIONING IS THE
UK'S NUMBER ONE PROVIDER OF
AIR CONDITIONING MAINTENANCE

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AIR CONDITIONING PLANNED MAINTENANCE

Andrews Air Conditioning is the UK's number one provider of planned air conditioning maintenance - nationwide. We have the expertise to complete all types of air conditioning maintenance services and unrivalled experience in developing air conditioning maintenance plans to suit any environment.

Our experience tells us that regular maintenance is essential to ensure efficient, trouble-free running of any air conditioning system and reducing maintenance has been proven to be a false economy. Relying on a reactive approach, such as repairing the system only when breakdowns occur, significantly increases through-life costs due to premature component failure and inefficient energy use.

WHY HAVE AN AIR CONDITIONING MAINTENANCE PLAN?

An air conditioning maintenance contract from Andrews Air Conditioning offers a range of benefits:

- Proper maintenance preserves manufacturers' warranties and extends equipment life
- It ensures your systems are operating efficiently, reliably and cost-effectively
- All work is carried out by our friendly, in-house, fully qualified technicians
- Air conditioning maintenance visits are scheduled and agreed with you in advance
- We'll save you money by carrying out air conditioning maintenance only when necessary
- We provide nationwide capability - especially useful if you operate from a number of sites
- Every visit includes a free asset check and our technicians will arrange a free, no obligation quotation for any repairs

WHAT DOES A PLANNED MAINTENANCE CONTRACT INCLUDE?

Our Planned Air Conditioning Maintenance Contracts are specifically tailored to suit your particular environment and air conditioning installation. The frequency of our maintenance visits will be agreed with you to ensure the optimum reliability and efficiency of your air conditioning. However, our visits always include the following activities :

- ✓ Check and clean the condenser (outdoor unit) and evaporator (indoor unit) coils and fins
- ✓ Check fan, fan motor, compressor and all electrical connections
- ✓ Check operation of heater and any interlocks
- ✓ Check fuses and test operation of electrical isolator and protection devices
- ✓ Check condensate pump and float/sensor
- ✓ Check and flush condensate drain and tray, descale and add water treatment as necessary
- ✓ Check condensate drain pipe work for water tightness
- ✓ Check air ducts, air grilles, filters and insulation
- ✓ Check refrigerant pipe work for integrity and thermal insulation
- ✓ Monitor refrigerant suction and liquid line temperature and pressure
- ✓ Check expansion valves
- ✓ Check start and running current
- ✓ Check Delta T across coil in cooling and heating modes
- ✓ Check unit operation, controls and settings
- ✓ Ensure unit is clean and damage-free

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With Andrews Air Conditioning on your maintenance team, you can be sure your air conditioning is in safe hands.



AIR CONDITIONING REPAIRS

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**FAST, COST-EFFECTIVE
AIR CONDITIONING REPAIRS**
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AIR CONDITIONING**

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AIR CONDITIONING REPAIRS

Need a fast, cost-effective air conditioning repair?

In these times of warmer summers and unpredictable winters, air conditioning is no longer simply a 'nice-to-have' luxury, it has become an essential utility. We understand how important our air conditioning repair service is. As the UK's largest provider of air conditioning repairs, Andrews Air Conditioning has the expertise to repair all types of air conditioning.

So no matter what you need to keep cool - critical equipment, sensitive products or vital people - at Andrews Air Conditioning we know you demand reliability and a rapid response, at a price that won't cost the earth.

THE BENEFITS

- Our Rapid Response air conditioning repair service is available 24/365 - in many cases we'll be on site in under 4 hours
- Our phone lines are staffed 24 hours a day - so you talk to a person, not a machine
- All air conditioning repairs are carried out by our friendly, in-house, fully qualified air conditioning Service Technicians
- We constantly track the locations of all our service vehicles - so we'll have you up and running faster
- We have extensive expertise across all makes and types of air conditioning
- We only ever fit original-quality replacement parts, not cheaper imitations
- For major air conditioning repairs, we'll provide a rapid no-obligation quotation - keeping you in control

PEACE OF MIND

There's another reason why we're confident our response will be more effective than any other air conditioning service provider.

As a division of Andrews Sykes Plc, we will give you access to the largest fleet of temporary air conditioning, heating and ventilation solutions available in the UK. So even if your breakdown can't be fixed immediately, your problems certainly can.

BUSINESS CONTINUITY PLANNING

No matter how well maintained your air conditioning system is, sudden unexpected failures can occur. Working in partnership with our sister company, Andrews Sykes Hire, we will provide a comprehensive Business Continuity Plan incorporating all aspects of your cooling, heating and ventilation requirements.

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With Andrews Air Conditioning on your side, you can be sure that even if your systems go down, your business won't.



REFRIGERANT PHASE OUT

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TIME FOR CHANGE
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WHY WOULD I NEED TO REPLACE THE REFRIGERANT IN MY AIR CONDITIONING SYSTEM?

Over the years, several refrigerants have widely been used for air conditioning systems from R22 to R407c and then eventually R410a with all three being ozone-depleting CFCs with a continued phasing out over time as part of stringently controlled EU regulations. There is now an increasing requirement to be even more energy efficient which has seen the use of R32 become more common, along with a number of other refrigerants.

The earlier R22 units became unserviceable at the end of 2014 meaning it is now illegal to repair them and it is only a matter of time before other CFC-based systems go the same way where the manufacture and availability of systems using CFCs decreases with every passing month due to the rising cost of the refrigerant.

R410a became the most popular refrigerant across most manufacturers, with more than 80% of all new and existing equipment using it. However, since the implemented changes, the cost of this refrigerant has increased significantly since 2017 which makes the phasing out of R410a an inevitability.

New modern replacement systems use environmentally responsible refrigerants and are up to 60% more energy efficient, meaning the energy savings quickly repay their installation costs.

WHAT ARE MY OPTIONS?

Do nothing - The regulations do not prohibit the continuing use of existing equipment but the ageing equipment will be less energy efficient and require careful maintenance. Consequently, this is likely to fail at some point and require urgent replacement.

Refrigerant "drop in" - A potential alternative solution but would only represent a short-term interim solution where unfortunately none of the drop-in refrigerants offer directly equivalent cooling characteristics. In many cases, these also reduce the performance of the system or raise concerns regarding pipework pressure, lubricant compatibility and leak containment.

Replace with a new installation - this is a surprisingly cost-effective option.

HOW CAN A NEW SYSTEM BE CHEAPER?

Any air conditioning system older than 10 years will probably employ obsolete fixed-speed compressor technology. A modern, digital inverter-controlled replacement will bring significant ongoing energy savings and CO2 reductions of up to 60% - delivering rapid payback.

Secondly, a number of manufacturers have introduced 'Replacement Technology' enabling the original pipework to be reused, greatly simplifying the installation and reducing disruption to a building's occupiers or damage to its finishes.

New air conditioning equipment is also far less likely to suffer breakdowns and the associated costs of downtime and repairs. It will also often offer the added benefit of a manufacturer-backed multi-year warranty, providing additional peace of mind.

An often-overlooked benefit is that most modern air conditioning systems incorporate heat pump technology, thereby enabling them to provide clean, highly energy-efficient winter heating as well as comfort cooling in the summer.

Finally, the Government's aim of radically reducing the UK's CO2 emissions has led to the introduction of the **Enhanced Capital Allowance Scheme**. This enables companies replacing an existing air conditioning system with a more energy-efficient installation to offset the entire cost of the project against taxable projects.



AIR CONDITIONING HIRE

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**THE UK'S LEADING SPECIALIST
HIRE COMPANY, PROVIDING
PORTABLE SOLUTIONS 24/7/365**
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HIRE SALES SERVICE INSTALL

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AIR CONDITIONING HIRE

By using Andrews Air Conditioning Hire you will enjoy the comfort of dealing with the UK's leading specialist in portable air conditioning. We have been providing portable climate control equipment for over 50 years and today stock the widest range available to hire for all applications and challenges.

Our hire fleet consists of thousands of units, all of which are fully serviced and rigorously tested before being delivered to your location. Our team are fully trained to assist you with installing the units and providing simple instructions on how to make best use of them.

OUR RANGE

Andrews Air Conditioning Hire offers a wide range of portable air conditioner units for hire. There are a number of types including: Exhaust tube units which disperse the heat via a small exhaust tube, split type units which are typically used for environments where the cooling capacity is much more demanding, such as server rooms or large offices, and evaporative coolers which provide comfort cooling where conventional air conditioners cannot be used. We also offer a range of cooling fans to deliver a comfortable environment in large areas.

As part of the Andrews Sykes Group we also supply a vast range of portable Heaters, Dehumidifiers, Chillers, Boilers, Ventilation and Pumps.

BENEFITS OF HIRING

If you choose to purchase a portable air conditioner, the unit is yours for life and this can often appear to be the most economical solution. However, there are many hidden costs of ownership including storage when the units are not being used, maintenance whilst in use, electrical safety testing, repair or replacement in the event of damage and the cost of disposal at the end of its useful life. The units can also become outdated as new models are developed.

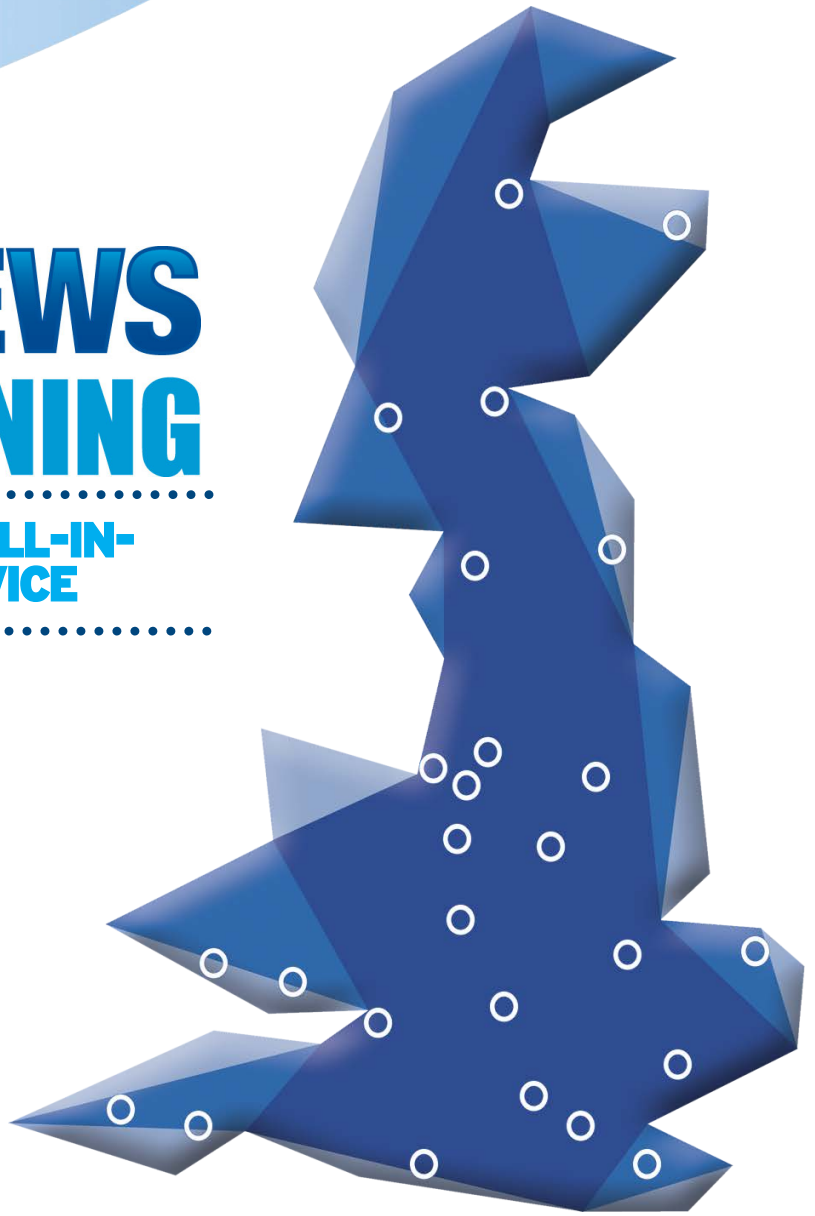
By hiring you avoid all these unexpected costs. We look after the units for you, we store them between seasons, maintain and test them, provide the latest models as they are developed and ensure that the units are repaired or replaced immediately should they fail.

OUR COMMITMENT

- A 24/7/365 local service from branches nationwide
- Free advice and site survey
- The UK's most advanced portable air conditioning units
- Fast delivery - often within four hours of your call
- Complete packages to meet your precise needs, timescales and budget

ANDREWS AIR CONDITIONING

THE NATION'S FAVOURITE ALL-IN-ONE AIR CONDITIONING SERVICE



- ✓ Installation
- ✓ Maintenance
- ✓ Breakdown Repair
- ✓ R22 Phase Out
- ✓ Portable Hire
- ✓ Free Site Survey
- ✓ Nationwide Expertise

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