

 **ANDREWS**  
**AIR CONDITIONING**

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**ANDREWS**  
**ADDITIONS**

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**A UNIQUE COLLECTION OF  
PRODUCTS & SERVICES  
TO SAVE YOU MONEY,  
TIME & STRESS**

**0800 731 8833**

**[airconditioningservices.com](http://airconditioningservices.com)**

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## ABOUT US

**At Andrews Air Conditioning Services we are proud of our reputation as the UK's leading air conditioning service provider.**

As experts in the design, installation, maintenance and repair of all types of fixed air conditioning systems, we combine a full nationwide capability with the kind of friendly and cost-effective service you would expect from much smaller businesses.

We are a subsidiary of Andrews Sykes Plc, the UK's largest specialist provider of temporary and permanent temperature control services, so you can be sure we have the expertise and the resources to match our reputation.

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# INTRODUCING ANDREWS ADDITIONS

Your air conditioning is a major investment which you will want to keep in tip-top condition throughout its long life. Andrews Air Conditioning offers a wide range of energy saving equipment, anti-theft protection devices and innovative technical services all designed to save you money, time and stress.

These products and service enhancements combine to produce an unrivalled offering which we call **Andrews Additions.**



## LEGAL COMPLIANCE

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# ENERGY EFFICIENCY INSPECTIONS

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The Energy Performance of Buildings Directive makes it a legal requirement that an accredited inspector undertakes a mandatory inspection, at least once every 5 years, on any air conditioning installation over 12kW total capacity. These inspections are designed to ensure the system is suitable for the intended purpose and is operating correctly and efficiently.

The responsibility for arranging Energy Efficiency Inspections lies with the owner or operator of the system. Andrews Air Conditioning Services is able to advise on the need for an inspection and arrange for it to be conducted by a member of our national network of independently accredited inspection partners.

Please call us now for more information on your legal responsibilities.



## LEGAL COMPLIANCE

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# F-GAS REGULATION COMPLIANCE

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F-Gas is a term used to describe any of a range of fluorinated gases such as CFCs, HFCs and HCFCs which are, or have been in the past, widely used in refrigeration-related applications such as air conditioning.

Some F-Gases are ozone-depleting whilst others are known to contribute to the greenhouse effect and global warming. The F-Gas Regulations are EU legislation designed to strictly limit the release of F-gases into the atmosphere. By law, all air conditioning systems containing over 3kg of F-Gas refrigerant must be checked for damage and leaks at least once per year by an F-Gas certified contractor.

Andrews Air Conditioning Services holds full F-Gas certification accredited by REFCOM and approved by DEFRA so your annual F-Gas checks and certification can be incorporated into one of our Planned Maintenance Contracts.

## COST SAVING

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## REPLACEMENT TECHNOLOGY

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Replacing air conditioning can be a huge upheaval involving disruption and disturbance plus extended periods without your vital cooling or heating. There never seems to be a good time.

However with '**Replacement Technology**' from Andrews Air Conditioning we can replace your air conditioning system without disturbing any of your delicate wall, floor or ceiling finishes. It's faster, cleaner and far less disruptive because the original pipe work stays in place.

And the best part is that it's also more cost-effective.

Call us to book your **free site survey** to discover if your installation is suitable for Replacement Technology.

## COST SAVING

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# ENHANCED CAPITAL ALLOWANCES

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The Government's Enhanced Capital Allowances (ECA) Scheme allows 100% of the installation cost of new, energy-efficient air conditioning to be offset against your company's taxable profits in the first year.

This results in an effective reduction in the costs of your new air conditioning of 20% or more, depending on the corporation tax rate applicable. This valuable incentive applies not only to the equipment costs but also to the costs of design, installation and commissioning. Any business can qualify for ECA regardless of size, sector or location and, what's more, you can claim ECA in addition to the unique Andrews Air Conditioning Scrappage Scheme when you're replacing old R22 equipment.

For more information give us a call or visit

**[www.etl.decc.gov.uk](http://www.etl.decc.gov.uk)**

## ENHANCED SECURITY

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## CONDENSER SECURITY CAGES

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The price of valuable metals such as copper has increased considerably in recent times. That has also increased the scrap value of anything containing copper, including your air conditioning and associated pipe work, making them particularly vulnerable to metal thieves. If thieves do strike you'll be left with the costs of replacing the equipment, the refrigerant and, most importantly, the disruption to your premises or business.

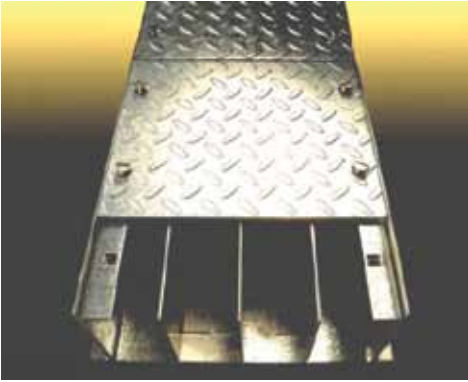
Andrews Air Conditioning offers a range of high-strength steel security cages which provide a physical barrier around your external condenser equipment. They can be fitted as part of a new installation or retrofitted to existing systems and provide highly cost-effective protection against thieves and vandals.

You could be more vulnerable than you think so call us now for a free site survey and advice.



## ENHANCED SECURITY

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## PIPE WORK DAMAGE PROTECTION

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As with external condenser equipment, refrigerant pipe work is commonly made of high-value copper and therefore provides an attractive target to thieves. Let Andrews Air Conditioning advise you about routing pipe work at high level or out of sight. Where exposed pipe work is unavoidable we are able to fit steel pipe work protection covers which encase the vulnerable copper, making its theft a slow, laborious and unattractive proposition for even the most determined thief.

Recent innovations in alloy technology have enabled the introduction of low-copper alloy pipe work capable of withstanding the high refrigerant working pressures demanded by modern energy-efficient air conditioning systems. Such pipe work is unattractive to thieves due to its minimal scrap value and can be fitted as part of a new installation or retrofitted to existing systems (subject to site survey).



## ENHANCED SECURITY

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# ALARM TECHNOLOGY

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If damage to, or tampering with, your air conditioning risks major loss or disruption to your activities, then an active anti-tamper alarm may be the ideal solution.

Such alarms can sense a power disconnection or sudden drop in refrigerant pressure and provide an audible alert similar to that in modern burglar alarms and/or an electronic message to a mobile phone or other hand-held device.

As with passive security systems such as condenser security cages and pipe work protection, active alarms can be installed as part of a new installation or, subject to the features required, retrofitted to existing installations.

Call us for a free Security Consultation.



## ENERGY SAVING

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## PIPE WORK THERMAL INSULATION

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The efficiency of the heat energy transfer between the indoor and external units in your air conditioning will be very adversely affected by damaged or weathered pipe work insulation. Pipe work insulation can be damaged by vermin or degrade under exposure to sunlight. This often goes unnoticed, progressively impairing the effectiveness of your heating and cooling.

Replacing aged or damaged thermal insulation is a quick, non-disruptive and highly cost-effective way to improve the performance and energy efficiency of your air conditioning. The same benefits also apply to improving the insulation above ceilings to minimise the energy transfer from cooled or heated rooms. To save time and cost we are often able to complete this work as part of a regular Planned Maintenance visit.

## ENERGY SAVING



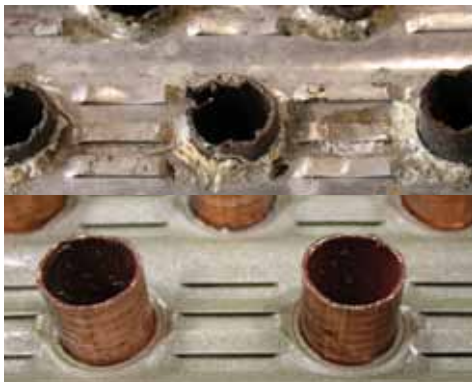
## PASSIVE INFRA-RED SENSORS

Air conditioning is an essential element of our modern lifestyles which can account for around 30% of a building's energy use. As market leaders, our customers are increasingly asking us for advice on retaining all the benefits of air conditioning whilst reducing their energy use and CO<sub>2</sub> footprint. That's why Andrews Air Conditioning Services installs Passive Infra-Red (PIR) motion sensors.

The system works by switching off the air conditioning if the room is left unoccupied for a preset period. Power to the air conditioning is automatically restored when movement is detected. The system can also be linked to window sensors which prevent the air conditioning from operating if windows are left open. It is ideal for use in spaces with intermittent occupation like classrooms, hotel guest rooms or meeting rooms and offers significant energy savings. Call us for a free site survey.

## ENERGY SAVING

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## ANTI CORROSION PROTECTION

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Heat exchangers, such as those used in air conditioning systems, can suffer severe corrosion due to their construction, which usually combines dissimilar metals, and because of the volume of corrosive air passing through them. The corrosion of heat exchangers has an adverse effect on their performance and longevity leading to excessive energy use and premature failure. This is a particular problem in exposed, polluted or coastal locations. We will arrange for those components which are vulnerable to corrosion to be treated with a specialist coating to provide effective protection without compromising performance. This system can be applied to new or existing systems and can be checked and maintained as part of our Planned Maintenance Contract.

Call us for more information on how to protect your investment from the elements.



# ANDREWS AIR CONDITIONING

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## ANDREWS SYKES

SYKES PUMPS

ANDREWS  
AIR CONDITIONING

ANDREWS  
HEAT FOR HIRE

ANDREWS  
DEHUMIDIFICATION

ANDREWS  
CHILLERS

ANDREWS  
BOILERS

ANDREWS  
VENTILATION