



Pure

Commercial Solutions



PURE

Pure Expertise

Creating the right climate within office spaces is a critical element of design. Low carbon solutions deliver lower operating costs, higher rental values and increased occupancy levels.

As the landlord or occupier of commercial property, it is essential to control the environment effectively without incurring excessive expenditure for either party. Changes in use, building vacancies and scheduling the replacement or maintenance of equipment all have an impact on the total cost of ownership.

We will look at your building and its anticipated use, always with an eye on the future to ensure you can make changes in line with the needs of any new occupant. For most office tasks 20°C is the ideal temperature, with productivity dropping by a third at 28°C and half at 33°C. So a good environment is about more than comfort. It's about creating an environment for success.

That's pure business sense.

NUMBER #1

Daikin is the
**GLOBAL
NO.1**
Air Conditioning
Company

Pure Capability

Solutions that make
commercial sense





Our commercial team can advise you in identifying the right solutions to improve the environmental performance of property assets – to protect and enhance value, improve transaction and occupancy rates, and drive down running costs.

Whether it's managing the R22 refrigerant phase-out process, the replacement of old or inefficient equipment, interfacing with building management systems or remote monitoring of multi-tenancy locations, we can manage any aspect of your project, from initial scoping through to expert commissioning and on-going support, as part of a long-term partnership.

We will engage with you at any stage of construction or refit, helping you progress easily from Category A to Category B fit out using our easy to configure, modular solutions.

There's a strong link between a building's sustainable performance and its value, so we will work to improve its BREEAM scores (to which energy use contributes up to 27%) to increase the value of your asset.

Our dedicated commercial sector specialist will help to identify the right heating, cooling and ventilation solution for your needs, including cost-effective upgrades, energy-saving innovations, intelligent controls and remote monitoring that deliver proven value to your business.

As part of your Corporate Support package, you can depend on the support of a financially strong business focused purely on energy management and climate control.

Along with market-leading innovations and technologies, you'll benefit from high levels of service based on transparent pricing from your dedicated sector specialist.

And all this is supported by a national network of fully trained and accredited contractors to fulfil your extended warranty terms.

KEY FACT

Daikin UK is a wholly owned subsidiary of
DAIKIN EUROPE NV GROUP,
EMEA HQ of Daikin Industries

Pure Vision

Understanding the economics of building management

Choosing the optimum climate control system requires careful consideration of building regulations, energy efficiency targets and planning issues as well as, of course, the total cost of ownership. Determining the right options will have a long-term impact on the running costs for any building owner or occupier, and the potential return the property generates for a developer or landlord.

We will explore the various options with you, taking into account the multiple demands of different building users and anticipated lifetime use of the building. For example, is it a single-tenant or multiple occupancy property and what is the likelihood of significant changes in the future?

We can then look at the best way to finance the purchase, balancing capital expenditure with lease options, as well as maximising your Enhanced Capital Allowance tax benefits, to provide the best possible return on your investment.

If required, we can also create an installation and service package, with work scheduled to minimise disruption to your customers and staff.


Our highly reliable systems are designed for low maintenance and are backed up by extended warranties from our suppliers.

Remote monitoring capabilities enhance the lifespan of your assets and ensure your systems are maintained to optimum efficiency.



360° EFFICIENCY



HOT WATER
high temperature applications


REFRIGERATION
for low and medium temperature applications


AIR CURTAINS
for heat pump applications


COOLING
for year round comfort


HEATING
for year round comfort


UNDERFLOOR HEATING
low temperature applications


VENTILATION
for high quality environments


CONTROLS
for maximum operating efficiency



GLOBAL RECOGNITION

Named in the Forbes
TOP 100
MOST INNOVATIVE
companies in
the world

A modern office interior featuring a prominent red staircase with a glass railing. Large windows in the background offer a view of a city skyline. The ceiling is made of dark wood slats, and a single pendant light hangs from it. Potted plants are visible near the windows.

Pure Efficiency

Transforming the energy performance of buildings

To minimise the total ownership cost of climate control systems and deliver a strong ROI, we don't just look at pure energy consumption, we look at how a building behaves throughout the day and at its orientation to determine where heat will be gained or lost.

The key to optimising energy efficiency is heat recovery, which balances the heating and cooling demands of a building and reclaims any waste heat to create 'free' heat for air curtains, ventilation and hot water.

Now a new generation of heat recovery solutions with Variable Refrigerant Temperature control has delivered an incredible 30% leap in seasonal efficiency and raised comfort levels even further.

Outdoor units are selected carefully to meet the demands of your branch location and space restrictions. Interior layouts are designed for maximum efficiency, based on your required functionality and footfall, while retaining the ability to restructure the system, should your building needs change in future years.

3 CORE TECHNOLOGIES

Daikin leads the market with cutting-edge core technologies

HEAT PUMP

Extracts and uses latent heat from the air – around 300% efficient

INVERTER

Adjusts power to suit the requirement – 30% more efficient



REFRIGERANT CONTROL

Adapts capacity to meet the usage patterns

Daikin also has the largest range of Enhanced Capital Allowance (ECA) compliant products in the market, delivering enhanced tax relief for investments in energy compliant equipment. This means you can claim up to 100% first year capital allowance on investments in energy saving equipment, recouping a faster return on investment.

These tax savings are particularly important, because the recent ban on R22 refrigerant means that many more ageing air conditioning systems will urgently need to be refurbished or replaced, as these systems can no longer be maintained. Luckily, Daikin offers an energy saving solution for upgrading R22 systems, without replacing

existing pipework, so disruption can be minimised while improving system performance and meeting the latest legislation requirements.

SELF-CLEANING CEILING UNITS

Cut maintenance and
SAVE UP TO 50%
on running costs

BREEAM

Green building
INCREASES BUILDING VALUE BY 7.5%
and decreases operating costs by up to 9%

Pure Design

Design that covers the system's entire lifecycle

Our approach to design is to build with the future in mind, making it quicker and easier to adapt the systems as the building layout or occupancy changes. We calculate the demand for many different types of use or occupancy, ensuring that any changes do not compromise future operating costs or impair the performance of the system.

Daikin's innovative solutions help you to create the perfect working environment, while reducing your maintenance requirements and managing your impact on the environment.

Our range of indoor and outdoor units provides configurations for every space, giving you the benefit of our highly efficient technology – whether the space is a modern office or heritage building.

Slim ducted and concealed units blend almost unseen into the building. Daikin's award-winning indoor unit, the 'fully-flat cassette', was designed especially for modern commercial building interiors and is the first to fit completely within a standard European ceiling tile, so lights, speakers and sprinklers can be installed in adjoining panels.

Self-cleaning roundflow indoor units, with their 360° air pattern for uniform air flow, have a unique filter that self-cleans daily, so performance is optimised all year round, reducing energy consumption by up to 50% and minimising the need for external contractors on-site.

At entrances, highly efficient heat recovery air curtains create air separation of 85% in foyers, yet use 72% less energy than electric air curtains, saving £1,500 and six tonnes of CO₂ per year.

And we're not just aware of our impact on the global environment – designing technologies that reduce carbon emissions – we're also acutely aware of our immediate environment. So we also make our systems as quiet and draft free as possible, preserving a calm ambience without any unnecessary noise or drafts.





SPACE SAVING

Our climate control
systems occupy

29%

less floor space than
conventional units



Pure Control

Independent management of every area of the building

Maintaining the same temperature throughout a commercial property is a complex challenge, particularly in an open plan space. At the same time, other areas such as server rooms can generate significant heat that needs to be removed. Our heat recovery systems use this heat to warm other areas or heat water, reducing energy consumption by around 60%.

We take control at the design stage, using advanced software to model the performance that each system will deliver within a specific building project. This means that we can then select the correct size of units for indoor and outdoor use to optimise the building's efficiency targets and comfort levels.

Ideal in multi-tenant situations and for managing multiple locations, Daikin's intelligent controls allow you to accurately manage and adapt energy use by time and location, so that efficiency is maximised.

Presence sensors can be used to adjust heating and cooling, depending on occupancy levels, to reduce energy waste and running costs. Analysis of footfall, daily usage patterns and zone-specific activity means heating and cooling can be set accordingly, optimising the climate throughout the working day, while reducing the setpoint during times of low occupancy.



For even greater energy efficiency, ventilation systems and over-door air curtains can be included within the heating and cooling strategy, and integrated into your existing building management system incorporating lighting, signage and security. We also offer a service that uses weather forecast information combined with data from your air conditioners to implement energy saving measures remotely.

Once defined, the HVAC strategy can be implemented across multiple locations with parameters set automatically, yet allowing localised control for real time flexibility. And all this can be monitored remotely from any device, to recognise faults or incorrect operation, giving you peace of mind that your heating and cooling systems are always working as efficiently as possible.

COST SAVINGS

Variable Refrigerant Temperature control of AC could

SAVE UK BUSINESS £2.8 BILLION over the systems' lifetime

LOWER RUNNING COSTS

Client monitoring of a new VRV project shows **39% LOWER RUNNING COSTS** than any previous systems





Pure Proof

Daikin solutions deliver commercial advantage

An American software company requested structural expansions for their tenancy of a high efficiency 6,709m² new-build office development beside the River Thames. The extension, installed with the latest generation VRV systems, introduced variable refrigerant temperature for customised seasonal efficiency. As a result, the project achieved BREEAM 'excellent' ratings – exceeding the original aim of 'very good' through increased on-site efficiency.

A global leader in serving science achieved 26% savings on energy bills when replacing a 20 year old air conditioning system using the now banned refrigerant R22 at its UK headquarters. The previous system cost around £6,000 a year to run, whereas the new solution has running costs of just over £5,000. Over the expected lifespan of the system – between 15 and 30 years – savings are anticipated to be between £27,000 and £55,000.

At the Palaces of Westminster – one of the country's most iconic listed buildings – out-dated equipment was replaced during a major refurbishment project. The R22 replacement solution is expected to provide in excess of 35% energy savings when compared with the old system, as well as an annual carbon reduction of six tonnes of CO₂.

MAJOR CHANGES

Planning may require

10%

of energy from on-site renewables
for new commercial space

Pure Service

A national network dedicated to support

We are committed to supporting our customers with high standards of installation as well as pre- and post-sales service, which is why our own engineers train approximately 1,900 engineers from 600 installation companies at our five regional training centres every year, creating the largest service organisation in the UK. This gives you the peace of mind that you have a partner with all the resources you need, regardless of the size of your business.

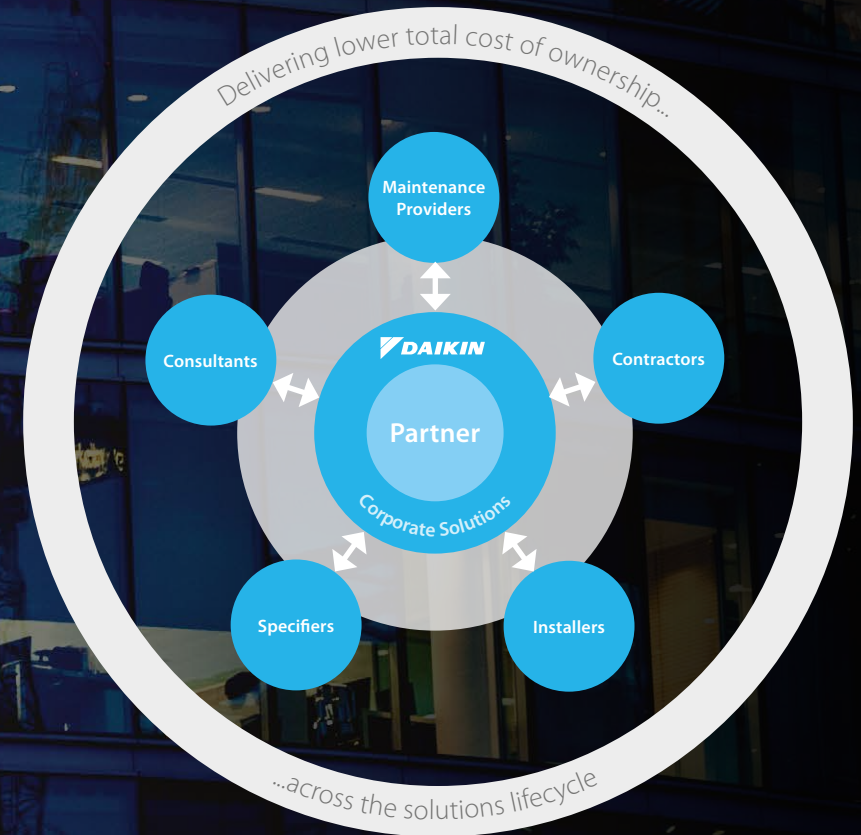
The Daikin D1 network

Many of the engineers who undergo training at our state-of-the-art centres belong to our approved installer network, the D1 approved installers.

These professionals are accredited to deliver the very highest standards of skilled installation, servicing and maintenance for our corporate clients.

Daikin also has a team of expert service engineers operating throughout the country, including over 55 of our own Field Quality Service engineers and 45 service partners. So if you require on-site support or advice, you can rely on a fast, local response from a highly trained and qualified engineer.





RAPID RESPONSE

97%
of critical spares
available on next
day delivery

LEADING WARRANTIES

3 YEAR
standard and
5 YEAR
extended warranties*

* Depending on the product



Pure Certainty

One company for all your needs

Service is at the heart of our business, which is built on a foundation of technological excellence, a focus on quality and a respect for people and planet.

We develop and deliver integrated solutions that:

- Drive down costs
- Reduce emissions
- Improve efficiency
- Enhance performance.

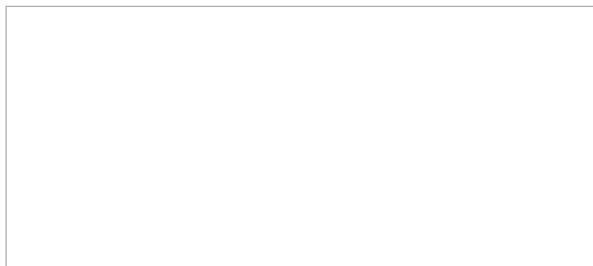
By understanding the individual needs of your business, employees and customers, we are able to provide a bespoke solution for managing your energy performance and business climate, giving you a long-term strategy aligned with your financial and sustainability objectives.

To discuss your business needs with our Corporate Solutions team, email corporateclients@daikin.co.uk or call 0845 641 9000





Daikin products qualify for ECA, please see our website for further details www.daikin.co.uk/eca



FSC



Carbon
Balanced Paper



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