BASKETT ELECTRICAL LTD

ELECTRICAL & RENEWABLES

SOLAR PV BATTERY STORAGE EV CHARGERS AIR CONDITIONING



AIR CONDITIONING BROCHURE

WELCOME TO BASKETT ELECTRICAL LTD

YOUR TRUSTED PARTNER IN RENEWABLE ENERGY SOLUTIONS

Founded in 2019 by Sam Baskett, Baskett Electrical Ltd has grown from a one-man operation to a trusted team of renewable energy expert installers. With roots in Martlesham and a passion for renewable energy, we've built a reputation for delivering high-quality energy solutions across Suffolk. As a fully accredited company and certified approved installer, we work to recognised industry standards, giving you confidence that every installation and maintenance service is completed safely, professionally, and in full compliance with current regulations. Whether it's a Solar PV, Battery storage, EV charging or Air conditioning installation, we're here to help you embrace sustainable living with confidence.



WHY US?

AIR CONDITIONING SPECIALISTS

Led by our expert, from initial survey to design to install you can relax knowing your in the best hands.

FULLY ACCREDITED

Fully certified installations that meet recognised UK quality, safety, and compliance standards.
MCS, TRSUTMARK, RECC, NAPIT, REFCOM, FGAS

TAILORED SOLUTIONS FOR EVERY PROJECT

Every system is carefully designed by our expert to match your property, energy goals, and budget.

★★★★★

CUSTOMER-FOCUSED

Over 150 5-star reviews highlight our commitment to satisfaction.

FREE SURVEY

We offer a free, no obligation on site survey. Following that survey, your quotation will emailed to review in your own time.

0% VAT

On the supply and installation of qualifying domestic air conditioning systems in the UK, provided it functions as an air-to-air heat pump (till March 2027)

WHAT'S INCLUDED ON ALL AIR CONDITIONING INSTALLATIONS

HANDOVER AND CERTIFICATION

What you can expect to receive upon completion of your project:

- Operation and maintenance manuals
- Warranty information
- Installation certificate
- Invoice for payment received (This acts as proof of ownership)

WASTE REMOVAL SERVICE

At Baskett Electrical Ltd, we are equally committed to protecting the environment, which is why we offer a free waste removal and collection service with every installation. Wherever possible, we ensure that removed materials and equipment are reused. Any items that cannot be reused are disposed of responsibly through approved recycling facilities, helping to reduce waste and minimise environmental impact. By choosing Baskett Electrical Ltd, you can be confident that your installation is completed to the highest standards while supporting environmentally responsible practices.



ACCREDITED INSTALLATION

We are fully accredited by all of the organisations listed below, demonstrating our commitment to maintaining the highest standards of quality, competence, and compliance within the air conditioning industry. To legally install air conditioning systems, engineers must be accredited by REFCOM and hold F-Gas certification, ensuring that refrigerants are handled safely and in full compliance with UK environmental regulations.

By adhering to the Consumer Code and industry best practices, we provide a professional, reliable service from your initial enquiry through to the completion of your installation and ongoing aftercare. You can have complete confidence that all work will be carried out safely, professionally, and to the highest standards, giving you complete peace of mind.

f-gas register
Certified F-Gas engineer
find us on the Fgasregister.com

REFCOM®

TRUSTMARK
Government Endorsed Quality

CPA Consumer Protection Association

AIR CONDITIONING

AN INTRODUCTION

Air conditioning is a technology used to control the temperature, humidity, and air quality inside buildings. It is commonly used in homes, offices, shops, schools, hospitals, and other buildings to create a comfortable indoor environment, particularly during hot weather.

An air-conditioning system works by removing heat from indoor air and transferring it outside. Most systems use a refrigerant, which changes between a liquid and a gas as it absorbs and releases heat. Warm indoor air passes over a cold evaporator coil, where heat is removed. The cooled air is then circulated back into the room, while the extracted heat is released outdoors through the condenser unit.

There are several types of air-conditioning systems. Single units and split systems are widely used in homes and consist of an indoor unit connected to an outdoor unit. Larger buildings may use central air-conditioning systems, which can cool multiple rooms through a network of ducts. The majority of air-conditioning systems are heat pumps and provide both cooling and heating, making them useful throughout the year.

Air conditioning provides many benefits, helping to create a comfortable indoor environment by regulating temperature and humidity. Modern systems can also improve indoor air quality through specially developed filtration systems designed to remove dust and other airborne particles.

Today's air-conditioning technology has advanced significantly, with many leading brands offering smart features such as dedicated apps, built-in Wi-Fi, and AI-powered functionality. Some systems can detect movement and occupancy within a room, automatically adjusting their operation to improve comfort while reducing unnecessary energy consumption.

Noise reduction has also become an important feature, with some of the latest systems engineered to operate at exceptionally low sound levels. This makes them ideal for bedrooms, offices, and other spaces where a quiet and unobtrusive environment is important.

Another attractive feature of air conditioning is the wide range of aesthetic options available. From different colours and finishes to materials such as metal, wood and matt plastics, today's systems are designed to complement contemporary interiors rather than detract from them. Individual indoor units are now available in a variety of sleek, stylish designs, making them a much more attractive addition to the modern home.

As air conditioning becomes increasingly popular, some customers are choosing to invest in more discreet solutions, such as fully ducted systems. These can be seamlessly integrated into the design of a property, with the main system concealed within the ceiling and only a subtle, stylish vent visible within the room. This creates a clean, minimalist appearance while still providing efficient and comfortable climate control.

Our expert, Matt, is here to help. By listening carefully to your requirements and understanding what is possible within your home, he can guide you through the available options and recommend the system that best suits your needs, lifestyle and property.

SINGLE UNITS

AIR CONDITIONING





DOMESTIC & COMMERICAL

A single air conditioning unit is a self-contained cooling system designed to regulate the temperature of an individual room or a specific area. It provides efficient cooling by removing heat and humidity from the indoor environment, creating a more comfortable space. Single air conditioning units are ideal for residential rooms, small offices, server rooms, and other areas where independent climate control is required. They are energy-efficient, easy to operate, and can often provide both cooling and heating functions, depending on the model.

PANASONIC

TZ SUPER COMPACT

White Available







3 YEARS WARRANTY

A++

2.5 - 3.5 kW

AIR QUALITY

Nanoe™ X technology with the benefits of hydroxyl radicals and acts to clean your air, so that the indoor environment can be a cleaner and pleasant place to be all day long.

SMART CONTROL

Integrated built-in Wi-Fi, advanced control via smart phone and compatible with Google Assistant and Amazon Alexa. Etherea is compatible with Panasonic's Comfort Cloud app, which is designed to easily manage all system functions via your smart device.

WHISPER-QUIET INDOOR SOUND LEVELS

35 Db

AI ECO MODE

Up to 20% Energy savings.

PANASONIC

ETHEREA R32 - NANOE

Matt White, Grahpie Grey & Silver Available









3 YEARS WARRANTY

A+++

2.0 - 7.5 kW

AIR QUALITY

Nanoe™ X technology with the benefits of hydroxyl radicals and acts to clean your air, so that the indoor environment can be a cleaner and pleasant place to be all day long.

SMART CONTROL

Integrated built-in Wi-Fi, advanced control via smart phone and compatible with Google Assistant and Amazon Alexa. Etherea is compatible with Panasonic's Comfort Cloud app, which is designed to easily manage all system functions via your smart device.

SUPER QUIET

19 Db

AI ECO MODE

Up to 20% Energy savings.

BOSCH

CL32001

White Available



5 YEARS WARRANTY

A++/A+

2.6 - 7.0 kW

ALL IN ONE

All-in-one Heating, cooling, and air purification.

CLEANER AIR

Cold catalyst, bio filter and suer ionizer for premium air quality.

CLEANER AIRFLOW

Breeze that avoids you, temperatures that can follow you.

ENERGY SAVINGS

Reduce your energyconsumption with Save Mode.

UPGRADE FOR SMART CONNECTIVITY

Optional upgrade to add Wifi wihich allows connectivity to Alexa, Google Home or Apple Home with HomeCom

BOSCH

CL.7 0001

White & Black Available





7 YEARS WARRANTY

A+++/ A+++

2 .6 - 5.3kW

ALL IN ONE

All-in-one Heating, cooling, and air purification.

SMART CONNECTIVITY

Built in Wifi allows connectivitiy to Alexa, Google Home or Apple Home with HomeCom.

CLEANER AIR

Cold catalyst, bio filter and advanced ionizer for premium air quality

HUMIDITY

Variable humidity percentage to maintain the minimum desired humidity level during dry mode.

ENERGY SAVINGS

Reduce your energyconsumption with Save Mode.

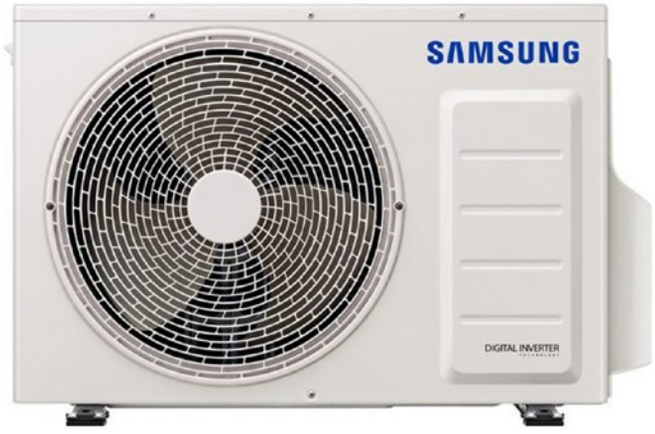
SAMSUNG

COMFORT WINDFREE S2

White Available







7 YEARS WARRANTY

A++/A+

2.5 – 6.8 kW

WIND FREE TECHNOLOGY

Cooling mode helps to cool wider and larger areas evenly and comfortably.

FAST COOLING

Powerboost with Digital Inverter technology dramatically shortens the time it takes for the compressor to reach max power.

EASY FILTER PLUS

Up to 99% Anti-Bacteria. Located internally on top of the unit, easily removed and cleaned. The dense filter helps it capture certain types of dust. A special coating on the filter protect residents from certain airborne containments .

SMART CONTROL

SmartThings App enables users users to remotely control their air conditioning.

SAMSUNG

AVANT

White & Black Available





7 YEARS WARRANTY

A++/ A+++

2.0 - 3.5 kW

WIND FREE TECHNOLOGY

Cooling mode helps to cool wider and larger areas evenly and comfortably.

TRI-CARE FILTER

The high-density 3 layer filter extracts large household dust particles, fibres and animal hair. A filter with Zeolite coating captures fine dust, and helps to reduce certain types of viruses, bacteria and allergens in the air.

FAST COOLING

Its advanced design features a 15% larger fan, 18% wider inlet and a 31% wider blade compared to Samsung conventional model to cool the air 43% faster.

SMART CONTROL

SmartThings App enables users users to remotely control their air conditioning.

SAMSUNG

PREMIèRE+ AIR CONDITIONING

White & Black Available



7 YEARS WARRANTY

A+++

2.5 - 3.5 kW

RADAR SENSOR

It's upgraded with a radar-based motion sensor which accurately senses distance, angle and the activity of up to two people. It enables AI-driven airflow adjustment for efficient and precise climate control when AI Auto Comfort mode is on.

AI MOTION WIND

The high-density 3 layer filter extracts large household dust particles, fibres and animal hair. A filter with Zeolite coating captures fine dust, and helps to reduce certain types of viruses, bacteria and allergens in the air.

WINDFREE™

WindFree™ Cooling mode keeps the room comfortably cool by gently dispersing air through thousands of micro-holes, creating a "Still Air" environment with low air speed and limited noise.

MITSUBISHI

HEAVY INDUSTRIES SRK ZSX - DIAMOND INVERTER HEAT PUMP

White / Black & White / Titatian Available



5 YEARS WARRANTY

A+++

5.1 - 7.5 kW

3D AUTO

Fan setting to achieve harmonised temperature as well as the jet-flow low noise air movement fan arrangement which provides a quiet airflow.

WI-FI

Control the unit via smart-phone and tablet with the Smart M-Air App.

MODE VARIATION

Weekly Timer/Sleep Timer

Motion Sensor/ECO Operation/Auto Off

ALLERGEN CLEAR OPERATION

Eliminates allergens & bacteria captured in anti-allergen filter in less than 90 minutes.

DAIKIN

STYLISH R32

White / Silver / Blackwood Available



7 YEARS WARRANTY

A+++

1.4 - 4.0 kW

DAIKIN ONLINE CONTROLLER APP

Manage the temperature, operating mode, air purification and fans with interactive thermostat › Create schedules and operation modes › Monitor energy consumption

LOW NOISE LEVELS

With sound pressure down to 21dBA the new TTXB-C operates almost unnoticed.

FILTER

Titanium apatite photocatalytic filters for supply of clean air.

FTXA SENSOR

The FTXA uses a grid eye sensor to detect the surface temperature of a room. After determining the current room temperature, the grid eye sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it.

DAIKIN

EMURA

Black / Aluminium / White Available







7 YEARS WARRANTY

A+++

2.0 - 5.0 kW

MOVEMENT SENSOR

saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room

NIGHT QUIET MODE

Reduces the operation sound of the outdoor unit by 3 dBA during night time. Night set mode saves energy by preventing overcooling or overheating during night time.

FILTER

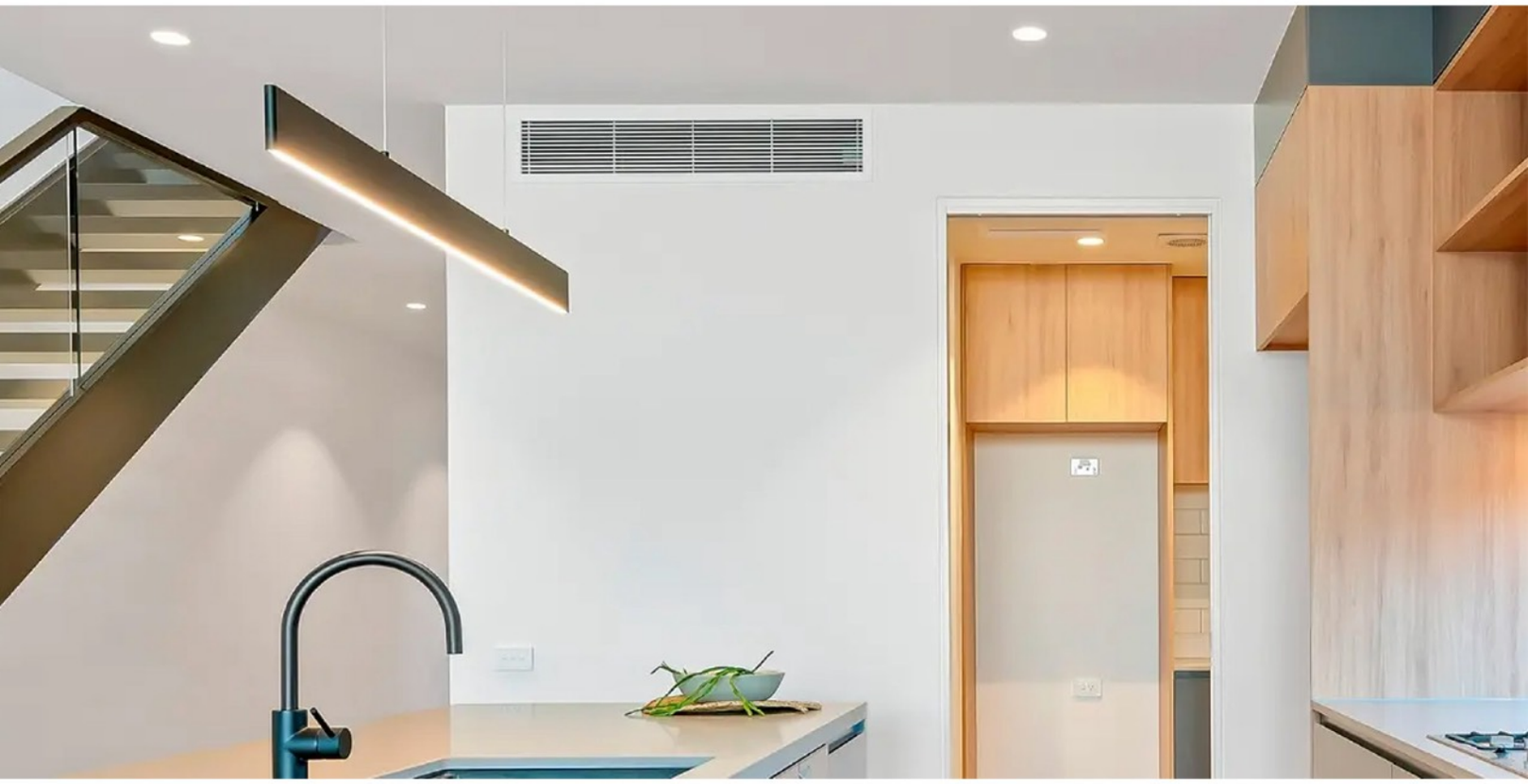
Titanium apatite photocatalytic filters for supply of clean air.

FLASH STREAMER TECHNOLOGY

This technology effectively eliminates dust, odours, bacteria, mould, pollen, mites and other allergens in the air that have the potential to cause harm.

DUCTED UNITS

AIR CONDITIONING





DOMESTIC & COMMERCIAL

A ducted system is a discreet, high-performance air conditioning solution designed for commercial and domestic environments where visible indoor units are not desirable. Installed above ceilings or within service voids, the slim ducted indoor unit allows conditioned air to be delivered via concealed ductwork, maintaining clean interior aesthetics while providing consistent, even comfort throughout the space.

BOSCH

CLIMATE 5000 SCAC

Ducted Unit



5 YEARS WARRANTY

A+ / A++

5.3 - 10.5 kW 1-Phase / 14kW 3-Phase

SLEEP FUNCTION

Controls the ambient temperature during the night, improving comfort.

THREE SPEED FAN

(Hi, Mi and Lo) for optimum comfort.

PURIFYING FILTER

AUTOMATIC RESTART FUNCTION

In the event of a break in the power supply, the unit restarts itself resuming operational the same settings as it was before it shut down.

REFRIGERANT LEAKAGE DETECTION

If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.

SAMSUNG

MSP DUCT

Ducted Unit



7 YEARS WARRANTY

A+ / A++

1.2 - 9.5 kW 1-Phase

INDOOR DISCHARGE TEMPERATURE

Each ducted indoor unit offers great comfort without the need to change the outdoor unit setting. Cooling and heating options can be selected using a remote control.

ESP

The Automatic External Static Pressure setting enables users to choose the optimal operating range for the fan. The result is the greatest possible comfort with an optimal balance between sound level and capacity.

SMART CONTROL

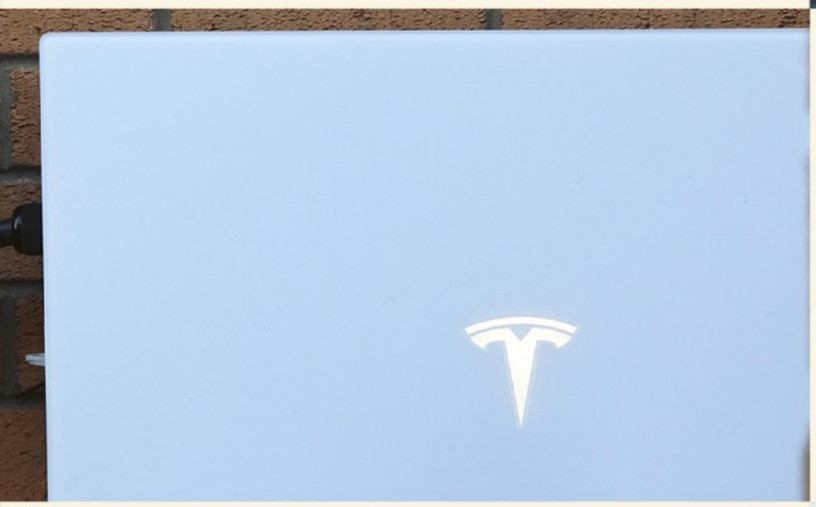
Control the temperature in your building, anytime and anywhere. The SmartThings App[1] enables users to remotely control their air conditioner. With just the touch of a button, you can turn the air conditioner on or off, select the cooling mode, schedule the air conditioner's operation and monitor its power consumption. With the Bixby 2.0 Samsung's voice interface assistant[2], you can simply tell the device what they want, and the device carries out their wishes[3]. It even analyses the environment, preferred mode and temperature and suggests the best settings.

OUR SERVICES

SOLAR PV

Solar Panels offer high power, high returns and ultra-safe designs, ensuring homeowners achieve more energy, more savings and greater peace of mind with every system.
We understand that having a Solar PV system installed can be an expensive purchase. This is why we promise to give our customers accurate performance estimates with every quotation.





BATTERY STORAGE

The smartest way to utilise the excess energy generated from your Panels is storing it in a Battery, so it's ready to use when you need it. Instead of sending straight to the grid.
The market is full of intelligent, well developed and adaptable systems.
Our knowledgeable team will guide you to find the right system for your home and it will be installed by our experienced team.

EV CHARGERS

Charging your electric vehicle at home allows you to use surplus energy efficiently, reducing reliance on the grid. Our team can guide you through the process from initial enquiry to installation, ensuring seamless integration.
We're approved installers for Tesla and were partnered with Octopus Energy to ensure you receive the very best tariffs.





AIR CONDITIONING

We are fully qualified and accredited with REFCOM to complete air conditioning installations for your home and business.
Stay cool in the summer heat and keep warm in the winter chill.



ELECTRICAL & RENEWABLES

SOLAR PV BATTERY STORAGE EV CHARGERS AIR CONDITIONING

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