Welcome to

Kooltech

Working together delivering innovation and excellence



KEY CONTACTS AND BRANCHES

BRANCHES

GLASGOW

Tel: 0345 034 4171

Email: glasgow.branch@kooltech.co.uk

NEWCASTLE

Tel: 0345 034 4172

Email: newcastle.branch@kooltech.co.uk

MANCHESTER

Tel: 0345 034 4173

Email: manchester.branch@kooltech.co.uk

BIRMINGHAM

Tel: 0345 034 4174

Email: birmingham.branch@kooltech.co.uk

CAMBRIDGE

Tel: 0345 034 4177

Email: cambridge.branch@kooltech.co.uk

LONDON (Hayes)

Tel: 0345 034 4175

Email: london.branch@kooltech.co.uk

FAREHAM

Tel: 0345 034 4176

Email: fareham.branch@kooltech.co.uk

HEAD OFFICE

Tel: 0345 034 4180

Strathaird, 12 Mossland Road,

Hillington Park, Glasgow, G52 4XZ

PROJECTS

SCOTLAND PROJECTS

Tel: 0345 034 4181

Email: scotlandprojects@kooltech.co.uk

NORTHERN PROJECTS

Tel: 0345 034 4182

Email: northernprojects@kooltech.co.uk

SOUTHERN PROJECTS

Tel: 0345 034 4183

Email: southernprojects@kooltech.co.uk

TECHNICAL AND SPARE PARTS

Tel: 0345 034 4189

Email: technical@kooltech.co.uk

ACCOUNTS

Tel: 0345 034 4187

Email: accounts@kooltech.co.uk

EMERGENCY OUT OF HOURS

Glasgow: 07795 650639

Newcastle: 07770 852116

Manchester: 07789 987373

Pi i lanchester. 07707 707373

Birmingham: 07795 650641

London (Hayes): 07778 667734

Cambridge: 07786 170148 Fareham: 07742 321849

WHO ARE KOOLTECH?

Established in 1979 Kooltech is one of the UK's largest and most trusted distributors and wholesalers of Air Conditioning, Heat Pump and Refrigeration products.

Kooltech has grown through innovation from its origins as a manufacturer at its Hillington Road, Glasgow site to our new Head Office on Mossland Road, Glasgow. This purpose-built, state-of-the-art facility allows Kooltech to provide a range of standard and Bespoke Design Solutions for both Air Conditioning, Heat Pump and Refrigeration applications.

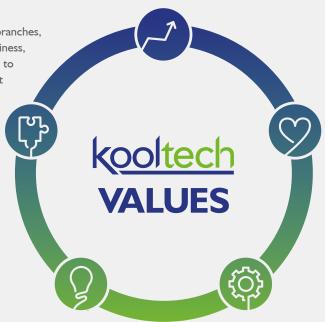
In 1994 Kooltech began distribution of Mitsubishi Electric's full range of Air Conditioning products. Today this product range has become a market leader and Kooltech is proud to be their only Exclusive Distributor in the UK.

OUR CORE VALUES

Our entire team, representing all branches, departments, and roles across the business, came together to reflect on what matters to each of us personally. We discovered that many of these values are shared, and some have naturally developed within our organisation over time, contributing to our ongoing success.

We apply our core values in every aspect of our business. They serve as a true guide, helping us choose the right actions and make sound decisions. These Core Values are the foundational principles and beliefs that drive our team forward, united in pursuit of our shared vision.

WORKING TOGETHER DELIVERING INNOVATION AND EXCELLENCE





At Kooltech, sustainability is a key priority. Since September 2021, we have partnered with Carbon Neutral Britain™ to measure and offset our carbon footprint, achieving Certified Carbon Neutral status. Our carbon footprint is calculated using the ISO 14064 and GHG Emissions Protocol standards, two of the most globally recognised methods. This includes direct emissions from Kooltech vehicles and indirect emissions like electricity, gas, business travel, commuting, and waste management.

All of our business activities and deliveries are now fully offset, ensuring we operate as a carbon-neutral company. Our carbon reduction efforts are further supported by investing in Woodland projects locally and globally, through Verra's Verified Carbon Standard (VCS), Gold Standard, and UN's Certified Emission Reduction (CER) programs, ensuring transparency and accuracy in emissions management. We're committed to continually reducing emissions for a greener future.











At the end of July 2024, we completed the installation of photovoltaic (PV) solar panels at our headquarters. A total of 159 PV solar panels were installed on the roof of our Glasgow head office, covering 410 square metres. These panels are projected to generate 86.66kW of electricity, which will meet 30% of our headquarters' energy needs. The installation is expected to reduce our CO_2 emissions by 15,894kg. We intend to continue to implement carbon reduction projects within the business.



QUALITY PRODUCTS, DELIVERED COMPLETE AND ON TIME

AIR CONDITIONING • AIR CONDITIONING ACCESSORIES INSTALL MATERIALS • REFRIGERANT SERVICE PRODUCTS REFRIGERATION • TOOLS • HEAT PUMPS

- Substantial Stock Mitsubishi Electric Air Conditioning,
 Refrigeration, Heat Pumps, Service and Install Materials
- Competitive Prices We track market prices to ensure we are competitive
- Quality Products We have strong relationships with market-leading manufacturers
 - Purchase Online or In Branch
- Collection or Delivery 7 branches nationwide with a fleet of Kooltech delivery vehicles

DELIVERING FOR YOU

Order by 4pm and receive tomorrow

- Next Day
 - AM
- Same Day
- Timed Delivery
 - Weekend
- Emergency Call Out

Kooltech operates its own national fleet of vehicles giving our customers a totally flexible delivery service, where you want it, when you want it.

Visit www.kooltech.co.uk to view our delivery Terms and Conditions and more information.

SERVICE FOR YOU

- Quote Turnaround
 - System Design
- Technical Support
- Account Management

Kooltech is committed to providing your business with a professional service, whether it is a response to your enquiries, assisting with your system design or simply being on site with your equipment.

OPEN 24/7 – ACTIVATE YOUR ONLINE ACCOUNT TODAY



Click or scan the QR code to activate your Kooltech account today



Our online platform is designed to make your purchasing experience seamless and efficient. As a valued credit account customer, you gain exclusive access to a variety of features that enhance your shopping experience.

VIEW YOUR LIVE TRADE PRICES

Stay updated with the most competitive rates. Our website ensures you always have access to the latest trade prices, helping you make informed purchasing decisions.

PURCHASE ONLINE USING YOUR CREDIT ACCOUNT

Enjoy convenient and hassle-free transactions by purchasing directly through your credit account.

COLLECTION OR NEXT DAY DELIVERY

Choose the option that suits your schedule. Whether you prefer to collect your order in person or opt for next day delivery, we accommodate your needs.

BUILD, SAVE, AND SHARE PRODUCT BASKETS

Easily manage and collaborate on orders. Our intuitive system allows you to build, save, and share product baskets, making it simpler to coordinate purchases with your team.

ACCOUNT SUITE

Access all your account information in one place. Download previous invoices, make payments on account, and check your credit balance effortlessly.

EXTENSIVE PRODUCT LIBRARY

Explore a comprehensive range of products. Our extensive product library ensures you find exactly what you need, from everyday essentials to specialised items.

RICH ONLINE CONTENT

Stay informed and inspired with our blogs, case studies, Mitsubishi Electric products, and sustainable heating solutions. Our online content provides valuable insights and up-to-date information to support your business needs.

Visit our website today and unlock the full potential of your credit account.

www.kooltech.co.uk



OVER 30 YEARS OF EXPERTISE IN MITSUBISHI ELECTRIC PRODUCTS

We have been working in partnership with Mitsubishi Electric since 1994. This product range has become the market leader and Kooltech is proud to be their only Exclusive Distributor in the UK.

PRE AND POST SALES TECHNICAL SUPPORT

Whether you need M-Series, Mr Slim, VRF, Heat Pumps, or Chillers, our nationwide team of application engineers are ready to assist with your enquiry, helping you select the most effective solution.













We provide a range of on-site technical services to optimise Mitsubishi Electric products, including commissioning, fault finding, and VRF strip-downs and rebuilds.

BESPOKE SOLUTIONS

Our own K-con bespoke solutions enhance Mitsubishi Electric product designs. These tailored modifications improve efficiency, durability, and ease of installation.

ON THE SHELF

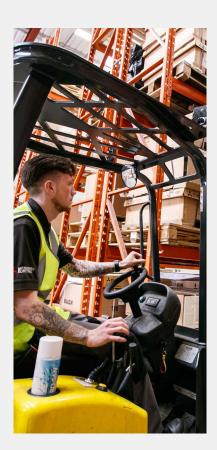
We hold stock of a wide range of Mitsubishi Electric equipment across our branches, ensuring easy access to the products you need.

SPARE PARTS

Kooltech supply a comprehensive range of Mitsubishi Electric spare parts.

- Most parts available on the shelf, ready for dispatch.
- Nationwide next day delivery (Subject to location).
- Experienced technical team ready to deal with any spares enquiry.

Call 0345 034 4188 for more info or alternatively email your enquiry to: spares@kooltech.co.uk



KCON K-CON BESPOKE SOLUTIONS

Manufactured and Engineered in the UK by Kooltech

Energy, Environment, Efficiency...it's all under control

We understand that our customers have different requirements for their projects. That's why we've developed the K-con range of bespoke solutions. K-con solutions can be anything from Mitsubishi Electric air conditioning/heat pump modifications to tailor-made ancillary or accessory items to work with and enhance your system. Kooltech are uniquely positioned to offer this.

INNOVATION

We believe in working closely with our customers to understand their needs and project requirements. Our project sales team, applications engineers and the K-con factory are always up for a challenge. They see it as an opportunity to innovate, offer solutions, and add real value to the mechanics of a building.

We have experience on a variety of projects and unusual applications where our K-con solutions have overcome strict barriers. This could range from applying K-con products to meet EN378 or BREEAM requirements, looking ahead to future extension plans of a building or providing weather-proof housing for equipment where internal space is limited.

Our engineers and the K-con products work alongside the Mitsubishi Electric HVAC product range to maximise the potential of the installation and to save time on site.

OUR PRODUCTS

We are constantly researching and developing new solutions.

Many of our K-con solutions are now staples and are part of our ever-growing range that we offer to the market. These unique K-con products include, but are not limited to, a modified Mitsubishi Electric Branch Controller box with port isolation, which allows engineers to service individual indoor units without shutting down the entire VRF system; and a discrete low-profile temperature sensor which is ideal for environments where aesthetics are a primary consideration, such as hotels.

These K-con modifications are approved by Mitsubishi Electric and are backed by warranty.













CAN WE HELP WITH YOUR PROJECT?

We challenge ourselves to bring new ideas and innovative solutions. Contact us today to discuss your next project.

SCOTLAND PROJECTS

Tel: 0345 034 4181 Email: scotlandprojects@kooltech.co.uk

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NORTHERN PROJECTS

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Email: northernprojects@kooltech.co.uk

www.k-con.co.uk

SUSTAINABLE HEATING SOLUTIONS - HIGH TEMPERATURE HEATING

PROVIDING YOUR FULL SOLUTION

Kooltech provide all products within the primary loop, applying K-con products and third-party products through our procurement channels to ensure efficient and effective solutions. These solutions are designed specifically to support the application of Mitsubishi Electric Heat Pump technology.

Our Engineers will communicate and work with you on the design, and we support project teams to ensure we meet your strict specifications. This support runs through all stages of pre-design, design, construction, and handover.

WHAT WE CAN DO

Retrofitting Student Accommodation with Mitsubishi Electric PUZ-WZ80VAA(BS) Heat Pumps



I STAGE SYSTEMS

Hot water production up to 75°C.



RELIABILITY

Four points of failure for reliable operation, cascaded to work together to perform.



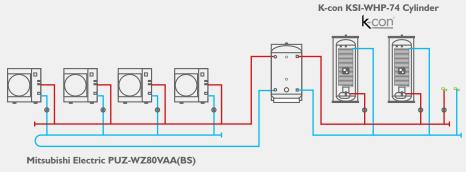
OUTPUT

These units can also be cascade to deliver anything from 8 to 48kW.



SPACE SAVINGS

Reduced clearances for easy installation, even in sites with space constraints.









Ultra quiet noise levels



Flow temperature up to 7°C



Low cost compared to commercial alternatives



R290 refrigerant GWP 0

In Gloucestershire, Kooltech Ltd enhanced energy efficiency and comfort in a student accommodation block by installing four Mitsubishi Electric PUZ-WZ80VAA(BS) heat pumps. These pumps, along with K-con WHP-74 stainless steel hot water calorifiers, deliver hot water efficiently and reliably, ensuring resident safety and reducing costs, while also improving the overall living experience for students.

RETROFITTING UNIVERSITY COMPLEX WITH CLIMAVENETA EW-HT

In the West Midlands, Kooltech Ltd decarbonised a university estate by installing four-pipe simultaneous heat pumps and Climaveneta EW-HT water source heat pumps. These systems, delivering both heating and cooling with a combined output of 1.1MW, enhance efficiency and minimise carbon emissions. Kooltech's expertise ensures long-term reliability and energy savings, improving both energy efficiency and the student living experience.



2 STAGE SYSTEMS

Hot water production up to 78°C (evaporator water outlet up to 40°C).



RELIABILITY

Unit with two independent refrigerant circuits, designed to ensure maximum efficiency at full load, ensuring uninterrupted operation even in the event of the temporary stop of one of the two circuits.



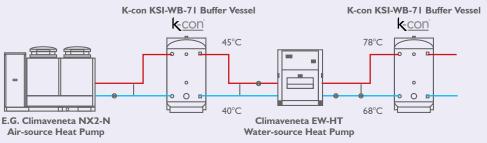
OUTPUT

These units can also be cascade to deliver anything from 70 to 1,400kW in a single hydraulic circuit.



SPACE SAVINGS

Reduced dimensions, for easy installation, even in sites with space constraints.









Flow temperature up to 78°C.



Modular operation.



High operating efficiency.

WE CAN HELP WITH YOUR PROJECT



Fill in the form for your free K-consultation.





Our experts will guide you through product selection and provide a tailored quotation with schematics within 5 working days.



We support your design process with interim meetings as needed.



Upon procurement, we arrange delivery and offer technical support for installation.





PROJECTS & APPLICATIONS TEAM

Our experienced application engineers provide expert advice on Mitsubishi Electric cooling, heating and ventilation equipment, ensuring the most energy-efficient solution for your project, no matter how challenging.

OVER 40 YEARS' EXPERIENCE ENSURING THE BEST SOLUTION FOR YOUR PROJECT

- Project Design Service
- System Schematics and CAD Drawings available on request
- On Site Support
- Integration of K-con bespoke Air Conditioning Solutions

Our projects team offers expert advice, working from customer drawings or providing marked-up air conditioning schematics, and can assist with competitive tender submissions. We supply a full range of refrigeration products, including condensing units, evaporators, controls, and ancillaries.

Contact our Project Sales Team to discuss your project requirements. We believe in designing the best solution to offer the best performance.



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CASE STUDY

LONDON DOCK CI, CASHMERE WHARF

CLIENT: ST GEORGE, PART

OF THE BERKELEY

GROUP

M&E CONTRACTOR: BRIGGS &

FORRESTER LIVING

AIR CONDITIONING

CONTRACTOR: ATMOSPHERE AIR

CONDITIONING & VENTILATION SPECIALISTS

PROJECT DESCRIPTION

London Dock Phase CI is a 26-floor development with I44 apartments. Beyond technical solutions, the project required specific service levels to meet the client's demands. Atmosphere had to meet key requirements, such as reducing HVAC noise and coordinating packaging-free deliveries to minimise waste.

FULL SOLUTION

Kooltech have a long-standing relationship with Atmosphere, having worked on numerous projects together, offering them complete solutions from design of HVAC systems through to on-site technical services and flexible deliveries.

On this project Kooltech supplied a Mitsubishi Electric VRF solution. To reduce the noise levels the K-con Acoustic Jackets where fitted on site to the Box Controllers, this fully tested acoustic solution met the client's brief. Once the equipment was installed, Kooltech Engineers were onsite to commission the VRF system, ensuring it operated to its optimum. The units had to be delivered to site without their original packaging to meet waste management requirements of the site and delivery slots where limited and time specific. Atmosphere could rely on Kooltech to deliver the equipment, unpackaged along with the installation materials from the Hayes branch and on their own vehicles, which meet FORS standards.



TECHNICAL SERVICES

Our experienced team of engineers are on hand to assist with any Mitsubishi Electric commissioning or fault finding issues. Our technical services include the following:

SITE VISITS/TROUBLESHOOTING

Our engineers offer on-site fault finding and troubleshooting for Mitsubishi Electric systems, supported by detailed reports using the latest monitoring software.

COMMISSIONING

We provide full or assisted commissioning for Mitsubishi Electric systems, ensuring optimal performance and efficiency, with a detailed Commissioning Log Book and recommendations for any issues.

CONTROL PANEL DESIGN

Kooltech manufactures custom control panels, primarily for our air conditioning units but also for other brands; contact your Sales Manager or Branch for further details.

CONTROLS COMMISSIONING & FAULT FINDING

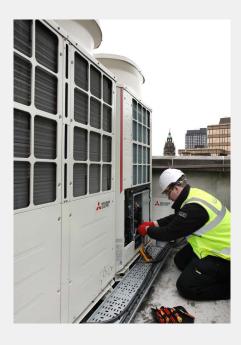
Our engineers will either assist or provide full commissioning for all Mitsubishi Electric control systems.

DIAGNOSTIC HEALTH CHECKS

We work closely with clients to monitor system performance, offering biannual check-ups, refrigerant level diagnostics, third-party maintenance verification, and performance displays, all backed by a detailed written report.

PROCON MELCOTEL COMMISSIONING WITH AE-200E

Kooltech provides a full commissioning service on the Procon Melcotel including AE200. Our engineers will either assist or provide full commissioning for all Mitsubishi Electric control systems.



To find out more about our technical services and rates, or to book a visit, contact our technical services helpline 0345 034 4189 or visit our website www.kooltech.co.uk/technical-services



CASE STUDY

LEOPOLD HOTEL, SHEFFIELD



CLIENT: PREM HOSPITALITY

M&E CONSULTANT: SHEARSTONE MECHANICAL BUILDING SERVICES CONSULTANCY

AIR CONDITIONING

CONTRACTOR: GREENHILL AIR CONDITIONING

PROJECT DESCRIPTION

Shearstone Mechanical engaged with Kooltech, after successfully completing a number of projects together, with a challenging project for an existing period hotel. The Prem Hotel Group needed to replace their Samsung system which had reached the end of its working life with a new Mitsubishi Electric VRF solution to improve efficiencies and their guest's experience.

FULL SOLUTION

The Leopold Hotel refurbished 100 bedrooms, installing seven Mitsubishi Electric VRF systems with R2 Heat Recovery, allowing independent room control for guest comfort. Each room has a Mitsubishi Electric Slimline Ducted Indoor Unit connected to a Branch Controller with isolation valves, simplifying service without shutting down the whole system.

Kooltech supplied a control panel linking the air conditioning to the hotel interface. Mitsubishi Electric Plasma Quad technology in each room improves air quality and neutralises pollutants, including SARS-CoV-2. Greenhill Air Conditioning, with DQP status, ensured a smooth installation, offering a 10-year warranty.

REFRIGERATION

At Kooltech, we provide an extensive range of high-quality commercial refrigeration products and services tailored to meet the diverse needs of businesses across various industries. Our product range includes:

- Compressors
- Condensing Units (including bespoke units manufactured in-house for projects up to 30hp)
- Evaporators
- Refrigerants
- Custom System Design

SERVICE FOR YOU

We pride ourselves on delivering market-leading service with a customerfocused approach. Our support includes:

- Quick Quote Turnaround

 We respond promptly to
 your enquiries to keep your
 projects on track.
- System Design Expertise

 We offer innovative design solutions for your special refrigeration projects.
- Dedicated Account Management – Our team is here to provide trusted advice and personalised support.
- Technical Support One
 of our qualified engineers is
 always on hand to assist with
 your Freezer, Cold Room,
 and Beer Cellar applications,
 ensuring your systems run
 efficiently and reliably.



In addition to our product range, we support your refrigeration projects with energy-efficient solutions, expert technical guidance, and custom-designed systems to meet your specific requirements.

For more information, contact your local Kooltech branch or reach out to your dedicated sales manager. Let us partner with you to achieve efficient, reliable, and sustainable refrigeration systems!

Welcome to Kooltech

CASE STUDY

THE UNIVERSITY OF GLASGOW STUDENT UNION CONCERT HALL CELLAR



CLIENT: UNIVERSITY OF GLASGOW

REFRIGERATION

CONTRACTOR: SUBCOOL AIR CONDITIONING LTD

CONSULTANT: TAYLOR & FRASER LTD

PROJECT DESCRIPTION

The University sought a low carbon cellar cooling system with low Global Warming Potential (GWP) to serve four bars in the University of Glasgow Student Union concert hall.

SOLUTION

Consultant Taylor & Fraser tasked Kooltech with selecting an environmentally friendly system. Kooltech chose a Marstair A2L cellar cooler system, installed by Subcool Installations. The system includes four Marstair SMC+80 outdoor units paired with four CXE90 indoor units, running on R454C refrigerant with a total cooling capacity of 32 kW.

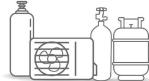
The A2L system reduces refrigerant charges to 3kg per system, lowers carbon footprint, and eliminates the need for future upgrades. The installation qualifies for a 5-year warranty and is projected to save 15% in running costs.

This installation, one of the first low GWP systems in Scotland, highlights the University's commitment to sustainable refrigeration solutions.

REFRIGERANT TRACKING

Account customers can track and manage their cylinders through our online portal Kooltrack.

- Live Refrigerant
 Cylinder Tracking
- Rental Charge Diary
- Asset Management
- F-Gas Transaction Logging
- Engineer Mobile App





Click or scan the QR Code to register with kooltrack



GAS RETURNS POLICIES

Refrigerant cylinders are loaned to account customers free for 12 months, with rental charges applied afterward, non-refundable, and subject to published rates. Lost cylinders will incur a charge, and rental will stop once reported.

Nitrogen cylinders are loaned free for 3 months, with the same rental and loss conditions. Trade customers must pay a refundable deposit. This will be refunded once cylinders are returned within the specified time.

Customers are responsible for returning cylinders or requesting collection through Kooltrack. Proof of return receipts are issued for both empty and recovery cylinders, and lost cylinder charges apply after 12 months.

DEPOSIT CHARGES

FILLED CYLINDER CHARGES

Monthly Rental

Lost Cylinder

	Kg Approx	Free Loan Period	Kooltech Code	£	Kooltech Code	£
Small	9	12 months	40010080	£4.50	40010075	£50.00
Medium	20	12 months	40010081	£5.50	40010076	£75.00
Large	50	12 months	40010082	£7.50	40010077	£100.00

Environmental Agency charges £10 (40010079). Incineration charges per Kg £6.00 (40010078).

NITROGEN CYLINDER CHARGES

Monthly Rental

Lost Cylinder

	Ltr	Free Loan Period	Kooltech Code	£	Kooltech Code	£
Small	10	3 months	40010087	£7.50	40010101	£100.00
Medium	20	3 months	40010087	£7.50	40010105	£181.25
Large	50	3 months	40010087	£7.50	40010103	£225.00

In line with our commitment to be a more sustainable business, we have now stopped all printed refrigerant bottle statements to all customers.

Instead we have invested in Kooltrack, an online interactive cylinder tracking system which is more than just a paper statement.

See our full cylinder returns policy here





KOOLTECH ACCOUNTS TEAM

KOOLTECH ACCOUNTS TEAM

Account Enquiries: 0345 034 4187

accounts@kooltech.co.uk

YOUR KOOLTECH ACCOUNT ONLINE

Activate your account online today at www.kooltech.co.uk/activate-account to view your account information.

- Download invoices
- Make payments on account
- Check your credit balance

TRADING UP THROUGH SPEND

Only goods sold on credit terms will count towards your spend.

Payments in advance and pro-forma payments will not qualify towards your spend.

If you are provided with an initial limit of £3k then once they have bought and paid for that order then any further sales, once paid, would be added to their credit limit e.g. two separate orders of £3k each, once paid would give a £6k insured limit.

Limits will be reviewed.

Click or scan the QR Code to activate your online Kooltech account today





INVOICE QUERIES

Invoice queries can be logged with us at accounts@kooltech.co.uk

Please provide Account number, Invoice number, full detail of the query. We will log this and pass to your local branch.

Alternatively you can contact the branch directly to discuss invoice queries if you want a more detailed response straight away.

ACCOUNT PAYMENTS

Payments on your account can be made through your online account.

Alternatively, you can pay by BACS using the bank account details below:

Bank Name: Barclays Bank Plc Account Name: Kooltech Ltd Sort Code: 20-33-70

Account Number: 53764249 IBAN: GB81BARC20337053764249







