



*tf*solutions

Service and Know-How to do you Proud





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Our Story

Both part of the Travis Perkins Group, BSS and TF Solutions provide you with above-and-beyond service and solutions, for all your air heating and cooling needs.

BSS is the market-leading distributor of pipeline and heating equipment in the UK and Ireland, whilst TF Solutions brings the technical know-how to solve large-scale and complex air conditioning, fridge and heat pump projects, helping you deliver against sustainable ambitions.

Operating as two distinct specialist brands, BSS and TF Solutions combine their respective strengths to give you expert support across any size of industrial, commercial and residential HVAC project.

What truly sets us apart are our people. Our friendly and supportive experts are the heart of both businesses. Can-do, determined and caring, we are passionate about delivering brilliant service day in and day out. Our dedication ensures that we not only meet but exceed your expectations, helping you grow your business, whether you are an installer, contractor, M&E or consultant.

However, our story began back in 1899, when BSS was established from humble beginnings at a single site in the East Midlands. In 1907 the first BOSS™ product was launched - an own-brand that now has over a century of excellence behind it. BOSS™ is a name familiar to everyone in the sector and we continue to invest in new ranges that offer the same balance of high quality and outstanding value that has made BOSS™ what it is today.

Over the next century, BSS continued to build on its success serving a wide range of sectors and trades, offering bespoke solutions to our customers that draw on our market-leading portfolio of brands, our supply chain excellence, our experienced technical support teams and our nationwide branch network.

We know your projects take you all over the country, so we developed a tube distribution centre in the Noughties to work hand in hand with our branches to ensure availability for you, wherever you're working.

In 2010, BSS accepted an offer to become part of the Travis Perkins plc group, Britain's leading partner to the construction industry, and the launch of Hire-It soon followed - a tool hire service now available in every BSS branch.

Meanwhile, TF Solutions was founded in 2001 and set out to disrupt the tools and fastener industry. With customers firmly at the heart of the business, we quickly built a reputation for setting the standard for both service and value and soon became the 'go-to' specialist in air con.

With our shared ambitions to grow and take on the fast-emerging environmental challenges facing our customers, we joined forces.

With TP's scale, resources, and capability behind us, TF Solutions accelerated from 3 to 15 branches, taking on the best people and technical know-how, whilst moving into new air heating and cooling sectors, fridge and heat pumps.

Now, across BSS and TF Solutions, our all-encompassing service model means HVAC customers across the nation have everything they need, when and where they need it. We know the market we operate in very well indeed. We understand the dynamic challenges our customers face. Whether it's the ever-changing demands of your clients or the rapid evolution of technology, skills shortages, and the push towards net-zero carbon targets; we are here to provide the stability and expertise you need.

We are, always have been, and always will be driven to make it happen for customers.



Supply Chain & Fleet

As a national distributor, we have a large vehicle fleet, ensuring our branches are serviced daily and deliveries out from branch to customers are completed to schedule. This fleet is large and accounts for a significant proportion of our carbon footprint.

Our commitment to reducing carbon includes sustainable products (including phasing out of fossil fuel boilers) and services. We also have high expectations of our suppliers whose products we sell, setting out minimum requirements in the areas of Safety, Environmental, Social and Quality. We expect suppliers to be able to demonstrate compliance with all UK, EU and international legislation that applies to their business operations, from Modern Slavery, Anti-Bribery and Health & Safety laws to product-specific regulations such as the UK Timber Regulations and REACH.

For our customers, this means you can have confidence in Travis Perkins Group's supply chain due diligence process. We maintain a transparent supply chain collaborating and improving the availability of product data (i.e embodied carbon, recycled content, etc.).

Customers are also reassured that they will get quality products from suppliers who meet set net zero criteria: a supply chain tested against a range of ESG issues.

When you do business with us, you can be assured that you are partnering with an organisation that can drive innovation and deliver low-carbon solutions. That will help you meet your own sustainability goals, meet changing regulations, adapt to modern methods of construction and obtain better product data (i.e EPDs).

A proportion of our fleet uses HVO fuel which is certified by the Renewable Fuels Assurance Scheme (RFAS) to ensure it's created by waste oils and not virgin crops. We have also undergone a programme of carbon reduction in our buildings, including LED lights, electric forklifts, and Renewable Electricity Tariffs at all UK sites.

We also have an effective waste management system in place with a circular economy network for packaging and product. We have Waste Carrier / Broker / Dealer Licences enabling us to move our waste between our sites and a number of Waste Exemptions, enabling us to temporarily store and process the recycling at our distribution centres.





Tool Hire

Our Tool Hire service is tailored to the specific needs of the HVAC market. We stock over 400 asset types directly related to the products we sell and the projects our customers work on. So you can be sure that you can hire the right product to fit the materials you buy from us.

We recognise the frustrations of customers when the machines you need to hire aren't available. That's why we carry extensive stocks of our most popular items in all our BSS branches - getting you the tools you need, when you need them.

You can be guaranteed that the tools you hire from us will do the job. 90% of our tools are looked after in-house by our qualified team of engineers at our National Distribution Centre. The service, repair and calibration work they carry out ensures our assets are fit for purpose and comply with any manufacturer warranty requirements. Lead times for this work are also reduced meaning items are available for re-hire much more quickly.

We also have a dedicated Direct Hire team with access to our 20,000+ fleeted assets. They have a network of over 100 approved rehire partners they can call on to ensure that even the most complex and unusual requests can be serviced. This central team ensure swift turnaround of quotes and deliveries so you can be reassured that your requirements will be met quickly and in full.

Leading brands include:

- Novopress
- Geberit
- Ridgid
- REMS
- Milwaukee
- Victaulic
- Armorgard
- Fernox



BOSS™ Technical Team

We're proud of our own-brand BOSS™ and we know it has been popular with customers for over a century. But the demands of our industry mean we need to offer a wide and diverse range of products and that can present a challenge for customers in understanding the technicalities of such an extensive range.

BSS has an established BOSS™ Technical Team that offers specialist product and systems support directly to Building Services and Industrial customers to ensure that the right products are selected for the right applications. They assist specifiers, consultants, contractors and end users with their project requirements adding value and helping you win those projects.

The team includes experienced application engineers who can offer technical support on Heating, Cooling, Hot and Cold System Solutions for a variety of applications. Customers can have peace of mind that technical support is on hand for all BOSS™ ranges, and confidence that any BOSS™ products selected are fit for purpose and have been selected as our most competitive solution.

Alternative distributor brand competitors may not have the levels of in-depth knowledge that the BOSS™ Technical Team can offer, which can lead to additional delays and expense to source products and technical information from other distributor brands and manufacturers. This can also add to the risk of project delays.

The BOSS™ Technical Team work alongside our other key technical teams including the Pump and Controls specialist team, Plastics team and Industrial valves specialists Pegler & Loudon as well as liaising with our nationwide Tenders teams, Key Accounts team and branch network.

You can rely on our BOSS™ products, and you can rely on the BOSS™ Technical Team to provide you with the necessary advice and support to make the right choices for your project.

For more on the range of BOSS™ products, please see page 24.





TF Solutions Technical Team

In the complex and ever-evolving HVAC industry, having the right technical support can make all the difference in elevating your work. Our dedicated technical teams at TF Solutions are here to assist you with every aspect of your projects, from initial design to aftersales support.

Comprehensive Project Support

We know that our customers can often face a wide variety of projects and need expert assistance with designs and product selections. Our technical team serves as a central resource, ready to assist with any technical issue or query, whether pre-sales or post-sales. We provide comprehensive support to help you navigate through product selection and design, ensuring you have the right solutions for your projects. This ensures you have the support you need to carry out effective designs and provide accurate quotes.

Minimising Risks, Maximising Efficiency

An inability to carry out effective designs can hinder your ability to quote on projects. Additionally, not being aware of products that are well-suited to your project requirements can lead to missed opportunities. Our technical team helps mitigate these risks by providing detailed technical design services for VRF systems, commercial ASHP/WSHP systems, IT cooling, and chillers. If you're uncertain about which manufacturer offers the best product for your needs, our experts are here to provide clear, knowledgeable advice.

Access to Market-Leading Brands

We offer access to market-leading brands, including Samsung, Mitsubishi, Fujitsu and more, ensuring you have the best products for your projects. Our technical support extends to product selection and application, offering various options that meet regulatory requirements and environmental concerns, giving you confidence in the solutions you provide to your customers.

Dedicated Technical and Aftersales Support

Our dedicated technical team is on hand to assist with pre-sales technical queries, design, and product application. We also provide comprehensive aftersales support, including fault diagnosis and warranty assistance, ensuring that you have ongoing support throughout the lifecycle of your projects.

With TF Solutions, you benefit from the expertise and commitment of our technical teams, ensuring your projects run smoothly from start to finish. Our focus on providing exceptional technical support and aftersales service makes us the trusted partner you need to succeed in the HVAC industry.

Pegler & Louden

Industrial valves and actuation is a complex area and in Pegler & Louden we have a team available to guide you through the minefield.

Breakdowns and failures often lead to site shutdowns or production line closures, and minimising that downtime is critical. Each problem is unique, and contractors often lack the expertise to identify the correct solution quickly. They need technical help - either on the phone or face-to-face with an onsite visit. This is where our knowledgeable P&L team can help.

Our in-house experts have over 180 years of technical knowledge and experience in industrial valves and actuation, so you can be assured we know what we're doing. The P&L team can order the products you need direct and they can be delivered or available to collect from your local BSS branch.

We know quality and reliability are key for industrial products, and we stock and supply all major leading brands for this market including Flowserve, Worcester Controls, Norbro, PMV, Schroeder, Westlock, Pneumatrol, Spirax Sarco and Gestra. We understand you are often buying to a specification and test certifications are a crucial element in this process, causing installation delays if the paperwork is not accurate.

All our products are supplied with full test cert documentation, giving you peace of mind that when the goods arrive, they can be installed without delay.

Lead times are of critical importance in industrial applications. We are the largest UK stockist for Flowserve, Worcester Controls, Norbro & Spirax Sarco, meaning you can be confident that we can access the right products quickly for you. Our Engineering facility at our BSS central warehouse can also do bespoke assemblies in-house on stocked products and can ensure these costly products are packaged for delivery with care, meaning they arrive ready for immediate installation.

From specification to sourcing and design to documentation and delivery - you only need to come to us. For the right solution, first time, every time.

Pegler+Louden



Spares

Meeting your commitments to customers requires a reliable and swift solution for identifying and sourcing the necessary spares. At TF Solutions we understand the importance of supplying the right parts promptly to keep your operations running smoothly.

Expert Support for Spare Parts

With our extensive knowledge of all brands in the marketplace and over 20 years of experience, our in-house experts are dedicated to ensuring you get the correct parts quickly. Our Spares Team is committed to providing quick response times and quote SLAs, ensuring you receive the support you need without delay. We stock a range of essential spares for both air conditioning and refrigeration systems in every TF Solutions branch, ready for emergency or same-day use.

Sourcing Spares

We take pride in sourcing spares for all market-leading brands and maintaining a full range of refrigeration and air conditioning spares, including the top 50+ Mitsubishi Electric spares. These are held in stock at every TF Solutions branch and are available at our trade counters for immediate collection or free next-day delivery, ensuring you can rely on us for your spare part needs.

Easy and Efficient Ordering

If you need assistance determining the parts you need, our team is on hand to identify the required spare part numbers and provide pricing so you don't have to worry about making the wrong choice.

With TF Solutions, you can trust our expertise and comprehensive spares solutions to keep your projects on track and your customers satisfied.

Contact our dedicated spares team on spares@tfsolutions.co.uk



BSS Aftersales, Industrial Plastics, Pumps & Controls

Commissioning

Although commissioning is not mandatory after installation, it ensures that new pumps are set up correctly and will mitigate any issues with warranty further down the line. Regular service plans will also increase the lifecycle of the equipment. You may not be aware that BSS can also arrange for commissioning of products as part of any project.

Servicing & Service Contracts

For peace of mind and to help ensure the maximum efficiency and safety of customer's installed pumping equipment, we have a comprehensive range of service packages ranging from routine annual checks to full extended warranty options. Our dedicated national team work with the relevant manufacturers and approved engineers to manage the process when an engineer is required for either commissioning, warranty, quoted work or service plans.

Repairs

We can ensure pumps requiring repair are collected, repaired and returned. Repairs can also take place on-site if required, and we have introduced web-based software to quickly allocate, monitor and communicate site visit information both to the engineer and the customer. The team will manage the relationship with the manufacturer's engineers to meet customers' requirements, and are a single point of contact during the end to end process.

Pump Spares

A wide range of pump spares and replacement parts are available for all types of pumps, including:

- Centrifugal
- Mechanically Sealed
- Magnetic Drive
- Positive Displacement
- Vacuum & AOD

Aftersales can offer the above range of services across:

- Pressurisation units
- All pumps with an inverter
- Booster sets.

Industrial Plastics

Industrial Plastics are very much a system solution, and sometimes those choices are many and varied. Selecting the correct system for the application often isn't straightforward, and that's where our Industrial Plastics team can help.

Our dedicated national team offer a technical service to customers for quotes, tenders and orders for all tube, valve, and fittings within the range of industrial plastics, ensuring that they are fitting the correct system for the project.

The team offers a quick turnaround on customer requirements and can offer alternative systems where these may offer performance improvements or better value.

Pumps & Controls

Replacement pumps and controls products, particularly in industrial applications, can be complex problems to solve. You may not know the full details of the replacement products that you require. But get it wrong, and you're adding time and cost to what may be an emergency replacement.

We have a dedicated national team of pumps and controls experts supporting our branches and customers with technical product enquiries for pumps and controls where products may need to be sized, or correct flow rates identified. The team offers a quick turnaround, and are able to identify replacement products often by images supplied by the customer.

This team offers you peace of mind that the correct product can be found, ordered and delivered as quickly as possible to ensure you can complete the job quickly and effectively.

Account Management

At both BSS and TF Solutions, customer service comes first. We deal with an extremely broad range of customers, from sole traders to larger national contractors, and we know that everyone needs something different. We understand your requirements in detail. We have teams of dedicated internal and external account managers supported by our technical teams with many years of experience plus an extensive branch network, so you can be confident you will receive personalised service and support.

We see our account managers as an extension of your business. They are there to assist in negotiating credit facilities - with up to 60 days credit terms - inform you of the latest product technology developments, and provide valuable industry insights. We aim to build a strategic partnership that fosters confidence and trust by sharing the same goals and passion. Having an account manager means you receive dedicated assistance in navigating stock availability and pricing support. Our account managers understand your needs and know your business in detail, allowing them to offer informed advice and tailored project support.

We know the factors that can disrupt the smooth running of a project: delivery timeframes, product availability, special delivery requirements, change of design, wrong product selection, subcontractor issues and supply chain integrity.

We can implement service-level agreements tailored to your specific needs to ensure we can effectively manage your account. These SLAs can include tri-party agreements, pre-commencement meetings, service review meetings, call-off order management, account support and review. We can even appoint you a dedicated accounts contact should you have any invoice or payment queries.

When you're tendering for major projects, you can be assured that we are fully compliant in all areas to ensure you can fulfil your sustainability commitments to the build. BSS have ISO 9001 & 14001 accreditation, FORS Gold and ROSPA Gold status, and both businesses have demonstrable traceability, net zero initiatives, and social values policies that give you peace of mind when doing business with us.

We believe in building strong relationships that harness trust and accountability in equal measures. Our account managers are committed to providing ease-of-use solutions and delivering a high level of service that enhances your business operations.

Choose BSS and TF Solutions for a partnership built on trust, expertise, and a shared vision for success. Our account managers are here to support you every step of the way.



Tenders Office

Whether smaller contractors or larger national companies, many of our customers have to submit specification tenders for many types of projects. Depending on size, these can be very complex and lengthy and take a large amount of time to produce. Lead times can also be impacted when the tender is submitted to the branch. Large, detailed proposals may take some time to turn around - particularly those containing non-standard products and specialist items.

We have a dedicated national team offering a tendering service to customers for plant equipment where the project has not yet been secured. The team works off a number of methods submitted by the customer including mechanical schedules and drawings to offer a tendering solution for the contractor. The team focus on turning around tenders to meet customer deadline requirements.

Our customers can take advantage of the technical and product knowledge of the National Tenders team to be able to submit a tender when bidding for work. The team works with key manufacturers to offer the most suitable products for the project. The team will also re-quote if revisions are made to the project up until the point it is awarded, before handing over to the local branch once the tender has been secured by the customer.

Typical products quoted include

- Plant equipment e.g. air source heat pumps, boilers, pumps, radiators.



BSS Apps

We recognise that in today's market you need access to your BSS account 24/7. With the MyBSS app, we can offer customers online account management at your fingertips rather than having to contact the branch during working hours.

We've worked with our customers to provide a solution that will allow you access to your quotes, PODs, invoices and credit details. All of these were the most requested customer queries within our branches and the MyBSS app gives the customer control of their account.

You can upload quote requests, convert them to orders, review your order history and get proof of delivery notes if you need them at month end. You can review your credit limit and request changes to that limit via the app. All your invoices and credit notes are also available to securely view or download.

All of these features are also available for our Tool Hire services as well, so whether you're buying or hiring, you're still in full control.




BOSS™

In today's market, price and quality are more important than ever. More often than not, it's difficult to get both of these things - real value.

BOSS™ was born in 1907, when our first product, the BOSS™ Separator, was launched. Today the brand is synonymous with quality and is well known for its wide range of heating and plumbing products, perhaps the most famous of which is the iconic BOSS White™ pipe jointing compound. As soon as it appeared on the shelves in 1916, BOSS™ became established at the forefront of the market.

Throughout the twentieth century the brand's reputation for quality and reliability grew, and now, a quarter of a century later, over 5000 BOSS™ products are available, with new ranges added every year.

Our long-term success has been built on a solid reputation for the quality and value of our products. Customers trust our name, and we need to make sure the brand continues to meet and exceed their expectations.

Today's customer needs credible alternatives to leading brands that tick the right boxes: equivalent quality and technical features, product approvals and certification, at a competitive price. They require choice, with a brand they can trust, and with service and technical know-how to back it up. That's where BOSS™ comes in.

We understand the frustrations of not having product available when you need it, and of not being exactly sure which product is the best one for the job. BOSS™ is there to offer you a solution. Cheaper alternatives often do not have the requisite product

approvals (such as WRAS) and can be of lower quality, increasing the risk of costly product failures. BOSS™ offers equivalent quality to the leading brands, as well as product approvals and certification.

The BOSS™ Technical Team can support with complex and time-consuming tasks such as valve take-offs and PHE sizing, etc. We have an in-house Engineering Team available to build bespoke units to precise customer specifications, drastically reducing lead times for key technical products.

We're proud of our history and heritage and we guard our quality and value fiercely. Every factory is assessed and audited regularly to ensure the highest standards of responsible and ethical sourcing so you can be assured that every effort is taken to maintain the quality of the BOSS™ range.

Any tradesperson, whether they're a domestic installer or an industrial contractor, wants to use reliable products they know are up to the job. With our wide product range and reputation for quality, BOSS™ offers an alternative you can trust.

Product Range Information:

- VALVES - ball valves, check valves, butterfly valves, backflow preventers, commissioning valves, globe valves, gate valves, drain taps, flow regulator valves, non-return valves, pressure reducing valves, radiator valves, safety & pressure relief valves, service valves, strainers, magnetic filters, thermostatic mixing valves, thermal balancing valves, test points.

- PUMPS & PRESSURISATION - booster sets, expansion vessels, pressurisation units, sump pumps, pump flexibles.
- PIPE FITTINGS - brazing fittings, end feed fittings, solder ring fittings, compression fittings, brass & bronze flanges, metallic braided hoses.
- HEATING - cylinders, plate heat exchangers, fan convectors, unit heaters, tap water heaters.
- FIXINGS & SUPPORTS - axial bellows, expansion joints, lined clips, unlined clips.
- CONSUMABLES - jointing compounds, aerosols, lubricants, electrodes, solder & flux, tapes, paint, sealants,
- WATER TREATMENT - air and dirt separation, dosing pots, chemical inhibitors, de-sludgers, anti-freeze, biocide, system cleaner
- X-POT SYSTEMS - 4-in-1 solutions combining air & dirt separator, magnetic filter, dosing pot and side-stream filtration.
- CONTROLS - pressure gauges & thermometers, water meters, heat meters, boiler house safety equipment.
- FIRE SAFETY - fire hydrants, dry riser valves, dry riser cabinets and wet riser globe valves.
- TOOLING - tube cutters, wrenches, pipe cutters, stillsons, pump pliers, drill bits, hacksaw blades.



Valves

Valves are a highly specialised field within the commercial building services market. Choosing the correct products for the right application can be extremely challenging, and selecting the wrong specification for the application can cause significant cost and delays if fitted, resulting in return visits to remedy issues.

At BSS, we've everything you need to make the right selection and install with confidence. There's our own-brand BOSS™ which is highly specified and has a reputation for quality and reliability. We've got a BOSS™ Technical Team that can service all technical needs of the customer and our QA and Sustainability team ensure all valves sold are being sourced ethically and have optimum compliance. We also have our Pegler & Louden team to assist with the complex world of industrial valves and actuation.

Compliance is a key concern for customers. You need confidence that not only the correct valve is fitted in the right part of the system, but that the entire installation is within regulation and fully compliant within current standards. Non-compliant systems don't get signed off, so you need to be sure that the valves used fit the bill. We're here to make sure your questions are answered.

We know serviceability of the valves is a high priority for end users. You may have ongoing service contracts with them, so choosing the best valve to allow system maintenance can really make a difference. Our valve ranges are high quality and easily serviceable so you don't need to worry about rising service contract costs.

Stock availability is crucial, particularly when an unforeseen breakdown occurs. You need a distributor with the depth of stock and options available for a same-day or next-day delivery to ensure you can keep within your customer's SLA. We are a leading stockist of most big name valve brands and of course, the only source for your BOSS™ branded items. Our branches carry a depth and breadth of stock to give you confidence and our National Distribution Centre supplies our network daily so you can be sure that availability remains constant.

Our experience, knowledge and expertise ensure our customers make the right purchase first time, every time.



Product Range Information:

Actuated/Solenoid Valves - (BOSS™, Flowserve, Watts, Norbro)

Balancing & Commissioning - Valves (BOSS™, Crane & Hattersley, Pegler, Danfoss, Watts)

Ball and Press ended Valves - (BOSS™, Crane & Hattersley, Pegler, Geberit, RWC, Flowserve, Albion)

Butterfly Valves - (BOSS™, Crane & Hattersley, Pegler, Oventrop)

Check/Non Return Valves - (BOSS™, Crane & Hattersley, Pegler, Oventrop)

Differential Pressure Control Valves - (BOSS™, Crane & Hattersley, Pegler, Danfoss Oventrop)

Gate Valves - (BOSS™, Crane & Hattersley, Pegler, Albion, Oventrop)

Globe Valves - (BOSS™, Crane & Hattersley, Pegler, Oventrop)

Pressure Independent Control Valves - (PICV) (BOSS™, Crane & Hattersley, Pegler, Oventrop)

Pressure Reducing Valves (PRV) - (BOSS™, Crane & Hattersley, Pegler, RWC, Altecnic, Watts)

Safety Valves - (BOSS™, NABIC)

Strainers - (BOSS™, Crane & Hattersley, Pegler, Oventrop)

Thermal Balancing Valves (TBV) - (BOSS™, Crane & Hattersley, Pegler, RWC, Oventrop, Danfoss)

Thermostatic Mixing Valves (TMV) - (BOSS™, Crane & Hattersley, Pegler, RWC)

Thermostatic Radiator Valves (TRV) - (BOSS™, Crane & Hattersley, Pegler, RWC, Oventrop, Danfoss)



Tube & Fittings

For most, tube is the lifeblood of our industry. Every project needs it, and though everybody sells it, not everyone can offer the depth and breadth of quality stock you need to get your project up and running.

We take tube very seriously. We have a dedicated tube distribution centre and a fleet of specialist vehicles delivering to all 70+ BSS and TF Solutions branches across the UK.

We know that different applications need different materials to different standards. We offer a variety of tube and fittings from 15mm copper tube and end feed fittings, to 450mm API carbon steel pipe and flanges - and pretty much everything in between. We keep an unrivalled depth of fast-moving lines, which we can get to any of our branches next-day - a supply chain solution that's the envy of our competitors and means you can get what you need when you need it.

Legislation changes have become increasingly common in recent years and we understand it's sometimes difficult to keep up with these and to ensure that your installations remain compliant. We make it our business to keep up to date with changing standards and legislation to make sure that the products we supply are always compliant, giving our customers peace of mind when they buy from us.

We deal with market-leading brands and quality products, sourced from carefully vetted manufacturers both in the UK and overseas. We are the largest stockist of Tata Steel tube and Geberit's Mapress system in our industry and stock the widest range of complementary fittings and flanges for these and most other systems.

Both BSS and TF Solutions branches always carry a depth of stock that guarantees our customers access to the tube they need for each and every project.

Product Range Information:

- Copper tube
- Traditional copper fittings - endfeed, solder ring, compression, brazing
- Carbon steel tube - EN10255 & API
- Weld fittings and flanges
- Malleable fittings - George Fischer & Crane
- Grooved systems - carbon & stainless steel
- Stainless steel tube, fittings & flanges
- Plastic pipe systems - Polypipe, Uponor, Marley, Durapipe
- Pressfit systems - Mapress, Xpress

Press Systems

Pressfit systems have become increasingly popular in recent years as a way of speeding up jointing installations and reducing 'hot works' requirements on site. Pressfit may look like a simple 'fit and forget' solution, but we know it's not as easy as that for our customers.

We know you need confidence in the systems you use. You don't want leaks and the liability issues they might bring with them. You need to trust the integrity of the system you choose. We are the industry leading distributor for press fittings in the UK and we partner with the top 2 press brands who offer exceptional back office support for customers and in-house training for installers right through to on-site inspections.

We know some projects need large volumes of tube and fittings to complete the systems. We stock in depth in every branch with next day replenishment from our National Distribution Centre so you can be assured that you won't be delayed on site if you run out of product to fit. Needing high volume availability to service jobs on short notice.

Low cost options are beginning to infiltrate the market but these can bring an element of risk. With no training for installers and only limited breadth of products, it is difficult to interlink these press solutions into a legacy system where system adapters are essential to transition from press to end feed, compression, plastic pipe etc. Our systems in Copper, Stainless, Carbon & Marine spec include all complimentary associated accessories like press ball valves and adapters to keep the entire pipe solution consistent up to the appliance or legacy installation, giving you peace of mind that your installation won't be compromised.



Drainage

Drainage projects bring their own unique set of challenges. The product is often highly specified, which means you need to find the exact products not just an equivalent - or risk compromising the project when substitute projects are not like-for-like. Products are often required at short notice, particularly on RMI jobs, and that's where we come in.

We hold significant breadth and depth of all leading brands, meaning you don't have to. If you need it quick, our branches can fulfil or call off additional stocks from our central distribution overnight. If you've got space restrictions on site, you can order and call off smaller quantities to suit your available storage space.

These days, there is also an increased focus on the environmental credentials of the drainage brands specified to ensure they use less water, offer sound proofing and are made from suitable degradable compounds. We work with the best brands in the market to ensure your project uses products where sustainability is a high priority.

Product Range Information:

- **Cast Iron** - Saint Gobain (Ensign/ Timesaver), Alumasc
- **Plastic (Solvent)** - Polypipe Terrain, Geberit (Silent-PP), Marley, Wavin (OSMA)
- **HDPE** - Geberit, Marley, Polypipe Terrain (Fuze), Wavin
- **Acoustic** - Geberit (db20), Marley (dBlue), Terrain (DB12), Durapipe (Friaphon), Wavin (AS+)

Speed of installation is essential, the reason why press pipe solutions replaced end feed. If the customer can't train up installers to be time effective press fitters then the benefit of press is eroded.

Leaking pipe joints can occur if the joints have not been correctly or fully pressed or there is damage to the fitting. Also, the correct material and seal type must be used on the correct application. Getting this wrong won't necessarily show up straightaway but will eventually cost you in going back and exchanging the pipe work affected. Using a Mapress or Xpress system and being fully trained to install it will greatly reduce the risk of system compromise and you can be assured that we have the experience, knowledge and expertise to ensure you make the right purchase first time, every time.

Product Range Information:

M-Press fittings, tube and valves

Geberit Mapress - Copper, Stainless, Carbon, Therm, CuNiFe (WRAS & Gas certs, 12mm-108mm)

Pegler Yorkshire Xpress - Copper, Stainless, Carbon (WRAS & Gas certs, 12mm-108mm (inc. 64 & 66.7mm))





Tooling & Consumables

Pipe and fittings need joining together, whether they are modern pressfit or pushfit systems or more traditional materials and methods. We offer our customers a comprehensive range of threads, compounds, solders, tapes and hemp, as well as all the chemicals required to maintain and treat the systems.

Our trade counters carry a wide range of hand tools, ideal for those emergencies when you can't find the right tool in the bag or the van. All are manufactured by leading suppliers such as Rothenberger, Ridgid or Milwaukee, or are our own brand equivalent - BOSS™.

Sometimes, you need something with a bit more oomph. We also offer a range of power tools from leading brands including press guns, threading machines, test pumps and recip saws at competitive prices. Our Tool Hire team are on hand at every branch to explain your options to hire these items if you don't want to make an outright purchase, because sometimes you only need the tool for a one-off project.

Many sites now look to remove the risk of 'hot works' on the job, and we've got you covered with a comprehensive press offering to buy or hire. Whether it's Mapress, Xpress or another system, we've got what you need to put it all together.

Product Range Information:

- Tooling - Geberit, Milwaukee, Rothenberger, Novopress
- Press tools, Cutting, Sawing, Drilling, Hand tools, PPE
- Consumables - BOSS™, Loctite, Slic-tite, LA-CO, Rothenberger
- Sealants, compounds, solder/brazing/welding, fluxes, oils, paint

Pumps & Pressurisation

Pumps are another area where energy efficiency has become the key factor affecting what our customers buy.

Larger contractors now need full traceability of products and demand carbon reductions on all product purchases as they drive towards net zero on all major projects. We work with the leading brands in the market to ensure the products we offer are at the cutting edge of technology and offer the best energy efficiency in the market.

We understand that smaller contractors are often faced with the challenge of replacing pump equipment without much information and they are therefore heavily reliant on their distributor to offer technical advice on like-for-like product replacements to ensure the products they order are fit for purpose. We work closely with the market leaders to ensure our branch colleagues receive regular product training, ensuring we can make product recommendations with confidence.

And because many pump orders are RMI projects, we know you need products available same-day / next-day, so we ensure we have an unrivalled breadth and depth of stock in all our branches with bulk stocks at our National Distribution Centre. We'll get what you need sent to you, when you need it.

Product Range Information:

Pumps (Grundfos, Wilo, BOSS™, Stuart Turner, DAB)

Pressurisation (BOSS™, Flamco, Spirotech, Mikrofill)



Insulation

Many customers overlook the importance of pipe insulation, focusing on the pipe itself and its installation. But most pipe needs insulation for maximum efficiency and not all pipe suppliers can provide insulation to match. Both BSS and TF Solutions have a wide selection of brands to ensure we can match the right insulation product to the pipe you are installing, giving you the convenience of a one-stop shop.

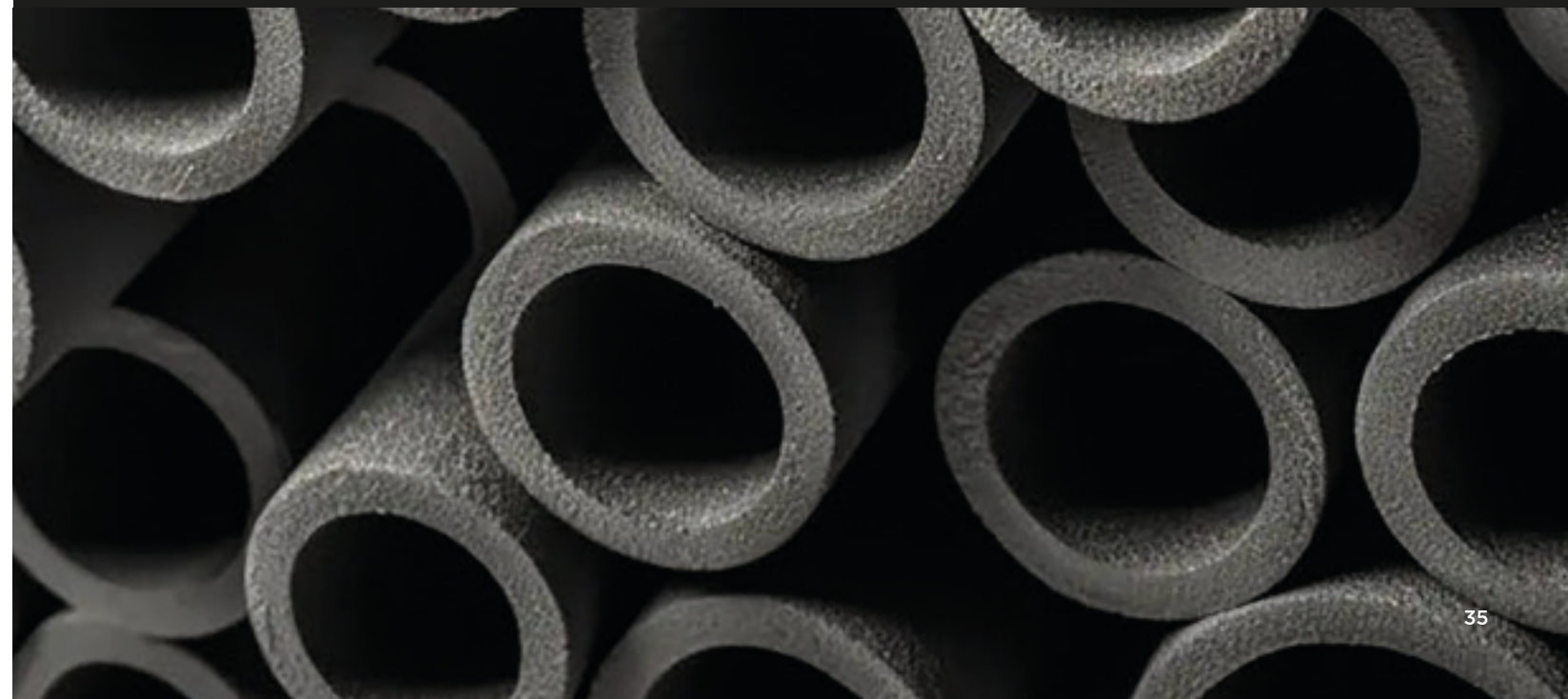
Regrettably, there are products in our market that don't meet commercial safety and fire standards. You can be assured that every insulation product sold by BSS and TF Solutions meets commercial safety standards such as BS Class O and a min. European fire classification C-S2-d0, so you'll have peace of mind that your installation meets all necessary UK safety standards.

Often, customers are required to fit insulation in difficult places where space is tight, or the pipe configurations are complex. Customers can order pre-slit and self-seal insulation from us, which helps make the installation process easier.

We also recognise the insulation market is evolving to adapt to the wider changes in the heating sector and we now stock EPDM insulation and tape for air source heat pump installations.

Product Range Information:

- Isover
- Phenolic (Kingspan)
- Flex Foam (Armacell and Kaimann)
- Mineral/Stonewool (Rockwool)



Heating Systems

The heating market, more than any other, is undergoing rapid transformation as part of the UK's drive towards decarbonisation.

New products and technologies are coming to market all the time, and it can be difficult to keep up with the latest developments from established brands, as well as a host of new manufacturers entering the fray. At BSS, we partner with the leading heating brands in the UK, and we work with them regularly to launch new energy efficient products into the market. These relationships with leading manufacturers such as Baxi, Ideal, Stelrad, Flamco, Worcester, and more are long-standing and we have the experience to guide you to the correct heating solutions for your projects. So whether it's heat pumps, hydrogen-ready boilers, hybrids or district heating for social housing projects, you can be sure we'll be able to guide you to the right system.

Training has also become a bigger factor as these new products emerge. Installer training is not always easily accessible and can be time-consuming and costly. Working with the industry's leading brands means we know the training programmes available for their products, so you can ensure you receive the skills your team needs before purchasing heating kit from us.

As heating systems leave a heavier carbon footprint than any other product group in our market, the UK government continually imposes stringent relations regarding carbon emissions, which is causing a shift towards the adoption of eco-friendly HVAC systems. Legislation changes regularly, and it can be difficult to keep track of what you can or can't install. Consumer demand for smart tech in buildings and rising awareness of the need to switch to low-carbon solutions means demand from end users for the latest models is increasing. We're working closely with manufacturers to make sure you'll always be compliant and can advise when deadlines are approaching so you can make a considered decision about your purchases.

Of course, the heating products themselves are only a fraction of the project. Tube, fittings, valves, controls, pumps etc are all required as part of any install and everything you need is available from your local branch.

Product Range Information:

Boilers (Ideal, ACV, Potterton, Vaillant, Worcester Bosch, Remeha)

Water Heaters (Andrews)

Radiators (Stelrad)

Warm Air & Radiant Heating (BOSS)

Underfloor Heating (Uponor)

Water Treatment (BOSS X-Pot, Spirotech, Magnaclean, Fernox, Sentinel)

ASHP range covering commercial and domestic (Mitsubishi, Samsung, Fujitsu, Ideal, Baxi, Emicon).



ASHP

Navigating the emerging market of Air Source Heat Pumps (ASHP) and other technical applied products can be challenging, with sustainability objectives to meet and evolving legislation to adhere to. Our team at TF Solutions offers the expertise and access to leading market products that you need to succeed, whether you're working on residential or commercial projects.

Sustainable Solutions

At TF Solutions, we don't just offer one-size-fits-all solutions. We are well-versed in the latest developments and technologies in ASHP, ensuring you receive robust and sustainable solutions for delivering both Low Temperature Hot Water (LTHW) and Domestic Hot Water (DHW). We empower you with access to a comprehensive range of products, including ASHP, Water Source Heat Pumps (WSHP), Chillers, and IT Cooling systems. We have the technical competencies to offer solutions from 4Kw to over 2Mw of sustainable solutions and dedicated mechanical engineers to design and select these systems.



Comprehensive Support and Guidance

We understand that new technology and market drivers can be complex. That's why our dedicated Technical Team is here to support and guide you every step of the way. We offer comprehensive guidance on legislation and regulations, helping you easily navigate the legal landscape. We explain why these technologies are emerging and assist you in understanding the products and their applications. This unwavering support ensures you stay informed and confident in your project decisions.

Our expert knowledge, sustainable product offerings, and comprehensive support make us the ideal partner for all your ASHP needs.





Air Conditioning & Ventilation

At TF Solutions, we not only recognise our customers' diverse and complex needs when it comes to air conditioning and ventilation installations and projects, but we also have the expertise to guide you. Whether you're designing solutions from scratch or selecting the right products for an installation, our marketing-leading air conditioning and ventilation products, paired with our expert support, ensure you have the resources and guidance necessary to achieve success.

Leading Brands and Comprehensive Solutions

We offer air conditioning systems from leading brands, including Mitsubishi Electric, Samsung, and Fujitsu, across splits, multi-splits and VRF, both heat pump and heat recovery. As well as chillers and ventilation. This selection ensures you have access to high-quality, reliable products suited to any project requirement - large and small. Our product application selection, design advice, and expert recommendations help you make informed decisions, enhancing the efficiency and effectiveness of your project designs.

Ready-to-Use Systems

Our extensive stocked range of air conditioning systems is available on the same day across our entire branch network, ensuring you can continue your work without delay. Each of our 15 TF Solutions branches are well-stocked with air conditioning systems, and we offer fast delivery on a wide variety of larger systems. Our customers confidently rely on us to provide the necessary equipment promptly, ensuring expectations and project timelines are met.

Our commitment to providing exceptional products and unparalleled support ensures that your air conditioning and ventilation projects are completed with the highest level of efficiency and satisfaction.



Refrigeration



In the demanding world of refrigeration, you may face unique challenges, from selecting the right equipment to adhering to stringent environmental regulations. Our expert team at TF Solutions is committed to providing support from the very beginning, including design conception, bespoke builds projects, commissioning and beyond.

Reliable Stock and Leading Brands

Our commitment to maintaining good stock levels helps protect our customers against long supplier lead times, ensuring that you can source the necessary equipment promptly. We stock leading quality brands, including J&E Hall and Güntner, to ensure reliability and performance, backed by our dedicated refrigeration sales team who provide personalised service and support.

Immediate Availability of Components and Refrigerants

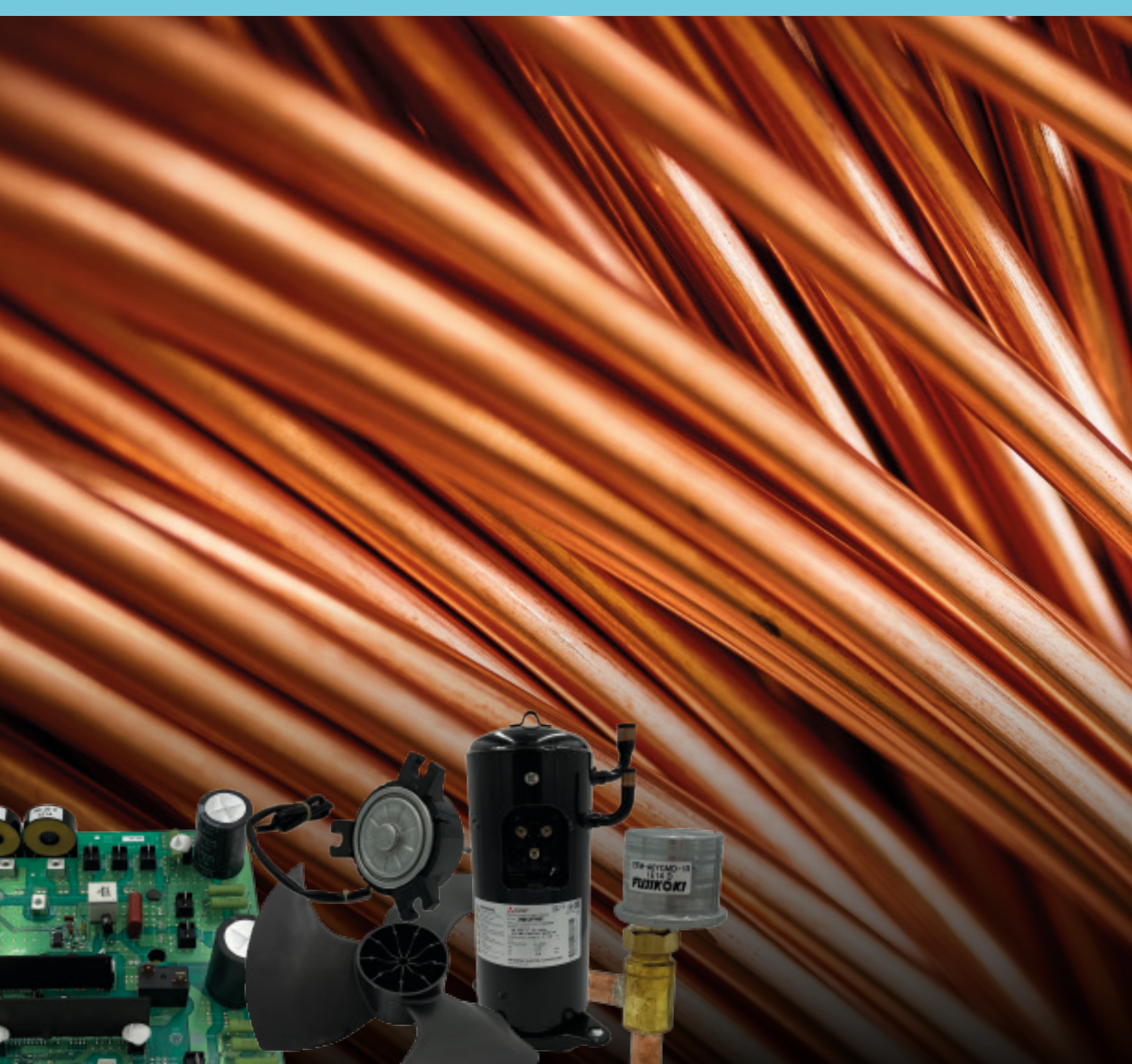
We understand the urgency that often accompanies refrigeration repairs and replacements. That's why we ensure a wide range of components and refrigerants are always available for same-day collection at every TF Solutions branch. This readiness is our commitment to helping you meet your end customers' requirements promptly, minimising downtime and keeping their operations running smoothly.

Up-to-Date Knowledge and Bespoke Design

Staying ahead of the curve in the refrigeration industry is crucial, especially with evolving environmental concerns and changes in UK law. At TF Solutions, we are dedicated to providing you with the most up-to-date knowledge and advice, ensuring that you are well informed about the most suitable options for your projects. For customised needs, we offer bespoke design and build services for refrigeration plants, ensuring tailored solutions that meet specific requirements.

Our comprehensive refrigeration solutions, expert support, and a reliable supply network ensure you have everything you need to deliver outstanding service to your customers.





Ancillaries

Ensuring the smooth installation of air conditioning and refrigeration systems requires reliable access to ancillary materials. Working across large geographical areas can challenge our customers; therefore, we understand how important it is to find a trusted partner who can deliver all necessary installation materials directly to your site quickly and efficiently.

On Time, In Full

Carrying large quantities of material in your vehicles can be difficult, and it is often a requirement for kit and install materials to be delivered simultaneously. A shortage of ancillaries can be costly, wasting valuable time as you wait for goods or collect them from the nearest wholesaler. We understand these challenges and are here to help with strategically placed branches and a wide range of in-stock installation materials with on-the-day collection order by 5pm for next-day delivery.

Product Availability

With our industry-leading range of ancillaries, we provide more than just breadth and depth of stock in every branch. We also ensure these materials are available for next-day or even same-day delivery across our entire network. This means that you can keep your projects on track without any unnecessary delays, giving you the peace of mind that your deadlines will be met.

Choose TF Solutions for our comprehensive range of ancillaries and our commitment to timely product availability, ensuring your installation projects run smoothly and efficiently.



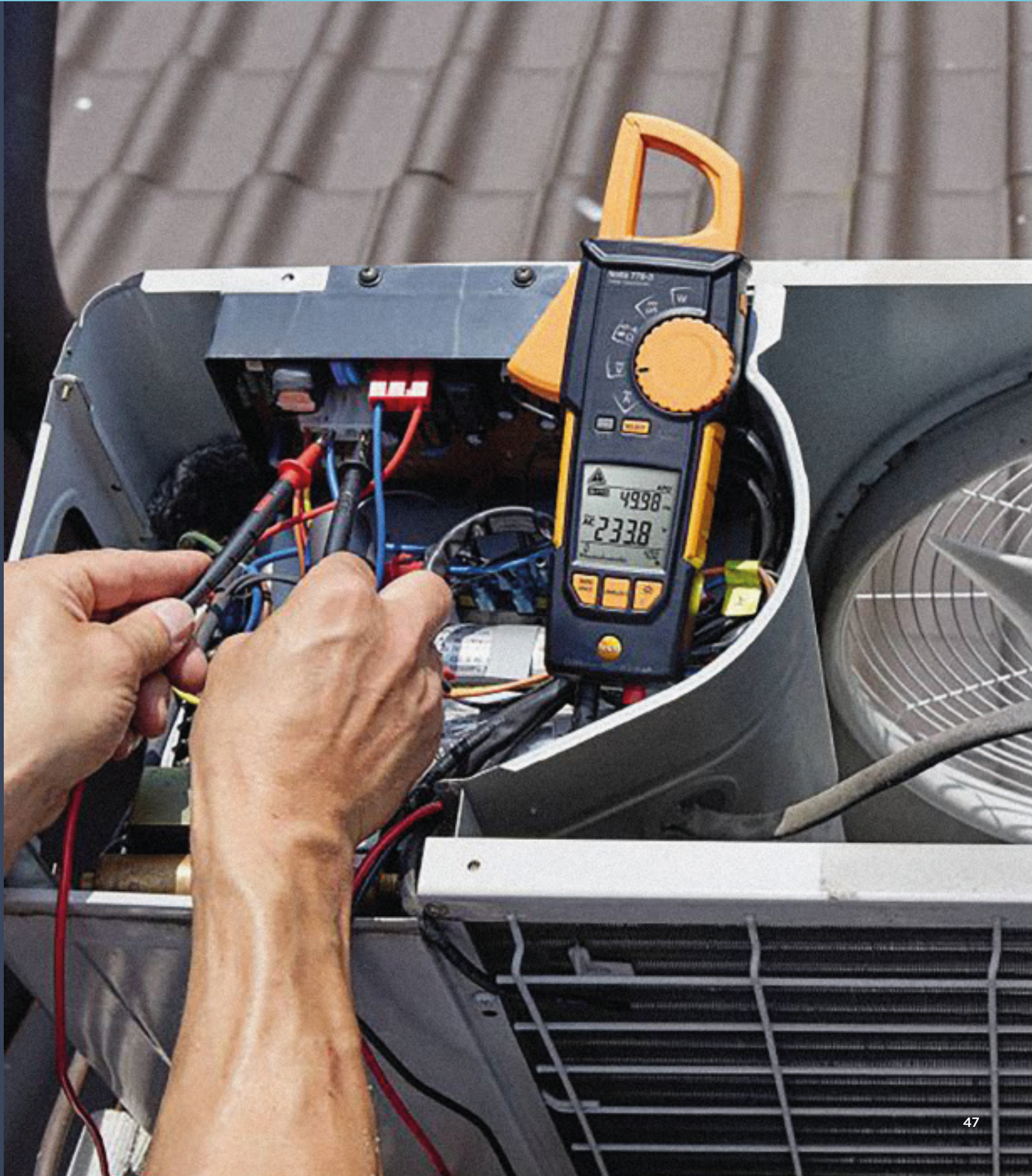
Tooling

Access to specialist tools is crucial for successfully completing RAC projects. We understand the unique challenges you face and are here to ensure you have the tools you need, when you need them, in every TF Solutions branch.

Finding the right tools specific to the RAC industry can be difficult, especially away from RAC wholesalers. If a recovery or vacuum pump fails, it can halt your work until a replacement is sourced, causing costly delays.

We offer a wide range of recovery pumps, vacuum pumps, manifolds, and other industry-specific tools at each of our trade counters. Our extensive selection ensures that you can quickly find the right tools for your job, minimising downtime and keeping your projects on schedule.

With TF Solutions, you can rely on our wide range of specialist tools and our commitment to providing the market-leading equipment you need to complete your work efficiently and effectively.



We do the right thing

As part of the Travis Perkins Group, both BSS and TF Solutions support the Group's agreed set of values. This is more than a simple code of conduct, it helps shape our business and guides colleagues to ensure we maintain our status as a credible and responsible employer.

In addition to our embedded culture of ensuring the safety of those who work at or visit our sites, we have policies, procedures and guidelines designed to ensure we behave responsibly and ethically at all times. Colleagues are encouraged to proactively 'Speak Up' if they have any concerns.

We look to continually develop a culture where people have the skills, confidence, ambition and support to feel and perform at their best. We're creating a working environment where diversity is acknowledged and celebrated, and which will bring the diversity of thought to help us and our industry to innovate and evolve quicker.

To develop our Diversity, Equity & Inclusion strategy we have created 5 brilliant colleague inclusion networks (Proud, Gender Balance, ACE, Ability & Youth) that raise awareness, educate, drive positive change and provide a safe space to connect.

Colleague wellbeing is also a key focus area for all our businesses. A workforce that is safe, and physically and mentally healthy, is the foundation of everything we do. Our Stay Well Hub offers a great source of information and support for colleagues and gives details of our policies on Menopause, Flexible Working, Drugs & Alcohol and Safety & Wellbeing which have all been updated to improve opportunities and assistance for colleagues.



Safety

Our philosophy on safety has never wavered. We remain committed to ensuring everyone on our sites - colleagues, visitors and customers - goes home safely each and every day. We work constantly to ensure our colleagues are empowered and encouraged to 'Call It Out' if they see anything that looks like it might have the potential to cause harm - an environment where everyone is looking out for each other, to keep each other safe.

We regularly have safety stand downs to remind colleagues of the risks of certain activities: FLTs, load securing on vehicles, etc. We also work closely with our suppliers to ensure they too take load security and safety seriously when delivering to our branch network across the country.

We want our customers to feel safe when they visit our branches and regularly audit premises to ensure the highest standards are maintained.

We work hard to make sure that conversations about safety are part of what we do every day to ensure that our colleagues, suppliers and customers all go home safely. We have structured colleague safety forums where front-line colleagues have an equal say in how we do things, and we encourage colleagues with ideas about what we can do to improve the safety of our working environment to come forward and have already invested in several of these initiatives.

The RoSPA Awards scheme, which receives entries from organisations around the world, recognises achievements in health and safety management systems, including practices such as leadership and workforce involvement. BSS are delighted to have been awarded ROSPA's Gold standard for the past 4 years.



Sustainability



In today's market, there is a mutual acceptance that environmental concerns must take centre stage in construction projects to ensure we protect our future and comply with ever-evolving legislation.

We understand that customers need information as well as physical product and we have detailed processes in place to ensure you can get access to the data you need on what we supply. We handle data on traceability, ethical sourcing, embodied carbon, our carbon goals, the detail on Scope 1,2 & 3 from our suppliers, recycling and product end of life, and understand the need to provide accurate information back to our customers so they can present the information to their client.

Risk can come into the process as projects are subcontracted and line of sight of product used is lost. Tracking of waste, delivery distance, traceability and methods used to install can become blurred. BSS has full traceability from our supply chain. Each of the A-brand supply partners we procure from have sustainability goals and a high percentage have either TM65 documentation or full EPD available on their ranges.

We can also remove waste from site and have full tracking on where it ends up. Deliveries can be detailed with mileage including from a number of manufacturers where we backhaul collection. As part of the Travis Perkins Group, we have a strategy to reduce our scope 1 & 2 emissions by 80% by 2035 and Scope 3 by 63% by the same deadline, so we are committed to the same sustainable journey as our customers. We will work closely with you to ensure every project is compliant and can be measured to ensure its environmental impact is minimised.

Apprenticeships

Apprenticeships offer the invaluable blend of hands-on experience and mentorship, nurturing talent and fostering expertise. As part of the Travis Perkins Group, both BSS & TF Solutions prioritise colleague development and our apprentices become part of a supportive community with a strong sense of camaraderie and belonging. We pride ourselves on the expertise and know-how of our people and we want to ensure we develop the next generation of experts to help our customers deliver in a competitive market.

In March 2023, the Group revealed its plan to train 10,000 apprentices by 2030 in partnership with LEAP Apprenticeships & Early Careers. Currently, over 40 apprenticeship programmes are on offer including customer service, sales and management programmes ensuring there is a development opportunity for everyone. New programmes are constantly being developed with a new Customer Sales Excellence programme the most recently launched.



And we've collected a few awards along the way for our commitment to development through apprenticeships:

- 2022 Princess Royal Training Award
- Training Initiative of the Year 2023 at the Builders Merchants Awards
- Large Provider of the Year 2023 at the OAL Awards

Colleagues of all ages and levels of experience are embarking on apprenticeship journeys to boost their personal development, and to strengthen the support we can offer our customers.



Charity

Both BSS and TF Solutions are proud to continue to fundraise on behalf of Mind and SAMH who both provide much needed support and advice as well as raising awareness of mental health problems and campaigning for better services.

The industry we work in is particularly affected by mental health issues and people's reluctance to ask for help when they need it. We have an ambitious fundraising programme of charity events and activities to support the work of our mental health charities. All that matters is that we make a real difference to the lives of people affected by mental health problems.

Over the past decade, we have raised many thousands of pounds for our chosen mental health charities and we continue to find new and innovative ways to keep those funds coming in.



Branch Network

We have over 70 locations across our BSS and TF Solutions branch network, supported by our National Distribution Centre, Tube Distribution Centre and Technical Services offices.

Each branch has its own delivery fleet and on-site experts for support and advice. It's all about helping your project run smoothly – wherever it takes you.



BSS Branches



TF Solutions Branches

Scotland & North Region

Aberdeen	01224 292929
Carlisle	01228 517600
Dundee	01382 823700
Edinburgh	0131 440 5900
Glasgow	0141 418 4444
Leeds	0113 203 2203
Liverpool	0151 482 2500
Manchester	0161 888 6464
Newcastle	0191 256 5100
Preston	01772 557800
Sheffield	0114 289 3900
Stockton	01642 665500
Wirral	0151 348 5400

Central Region

Birmingham Minworth	0121 313 0835
Birmingham Smethwick	0121 552 6000
Cambridge	01223 404040
Coventry	024 7669 4744
Derby	01332 685600
Grimsby	01472 265100
Hull	01482 625800
Leicester	0116 242 7800
Lincoln	01522 565700
Northampton	01604 251400
Norwich	01603 253200
Nottingham	0115 943 5900
Peterborough	01733 336000
Stoke	01782 382382

London & South East Region

Barking	0208 477 8888
Belfast	028 9078 4000
Brentford	020 8232 2727
Colchester	01206 754720
Crawley	01293 610170
Croydon	0208 662 2300
Dartford	01322 289039
Dublin	+353 14 165100
Kings Cross	020 7619 7600
Lewes	01273 485000
Luton	01582 875 600
Maidstone	01622 713600
Romford	01708 771800
Wandsworth	020 8877 9191

South West Region

Bournemouth	01202 711300
Bristol	0117 972 7900
Cardiff	029 2043 2400
Exeter	01392 457500
Gloucester	01452 872200
Oxford	01865 398870
Plymouth	01752 675300
Portsmouth	023 9265 8740
Reading	0118 923 8900
Slough	01753 537 999
Southampton	023 8068 3700
Swansea	01792 762300
Swindon	01793 601500

Distribution Centres

National Distribution Centre	01455 551000
National Tube Distribution Centre	02476 625700
Technical Services / Pegler & Louden	0115 927 8288

TF Solutions

North Region

Aston	0121 759 2000
Burton	01283 566711
Glasgow	0141 484 2700
Leeds	0113 487 1985
Liverpool	0151 392 0140
Nottingham	0115 681 2520
Stockport	0161 429 5917

South Region

Bristol	0117 370 7106
Crayford	01322 948 620
Dunstable	01582 842157
Eastleigh	023 8250 0008
Exeter	01392 579600
Guildford	01483 939110
Northampton	01604 345850
Wandsworth	0203 924 2400



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