



YOUR TRUSTED
SOURCE IN
HEAT TRANSFER





We are Stokvis,
**YOUR RELIABLE,
BEST-IN-CLASS
COMMERCIAL AND
INDUSTRIAL HEATING
AND HOT WATER
SYSTEMS PROVIDER.**

Stokvis Energy Systems has been a leader in supplying commercial and industrial heating and hot water products for over 35 years. We pride ourselves on providing the right solution – not just the right product. We’re widely known for our flexibility and ability to adjust our products to meet almost any need. This enables us to offer solutions for a wide range of sectors with very specific requirements, including:



HOSPITALITY



LEISURE &
TOURISM



EDUCATION



MOJ



MOD



HEALTHCARE

All our products have a solid track record of reliability and efficiency, meaning our products not only offer added peace of mind for the customer, they also often dramatically reduce energy costs too.

Alongside our industry-leading products, we provide guidance, advice, and technical support from our friendly team to make sure you’re choosing the products and models that are right for you and your business.

**WHATEVER THE CHALLENGE, WE’VE GOT
THE SOLUTION.**

**“STOKVIS EQUIPMENT IS VERY RELIABLE AND
WE ALWAYS GET EXCELLENT TECHNICAL
BACKUP AND DESIGN SUPPORT.”**

PAUL YOUNG, QODA CONSULTING



MARKET LEADING IN DRIVING AND DELIVERING DECARBONISATION SOLUTIONS

Stokvis are committed in aligning everyday business practices with the 17 UN Sustainable Development Goals, working hard to drive down our own carbon impacts as well as that of our clients. Whether it be packaged plant rooms, ASHP, renewables, steam recovery, pump surveys, control efficiencies, our knowledgeable team can support you through your decarbonisation journey.

Working collaboratively with our partners, we are on hand to drive down your carbon and energy usage.



CLADE



SAUTER

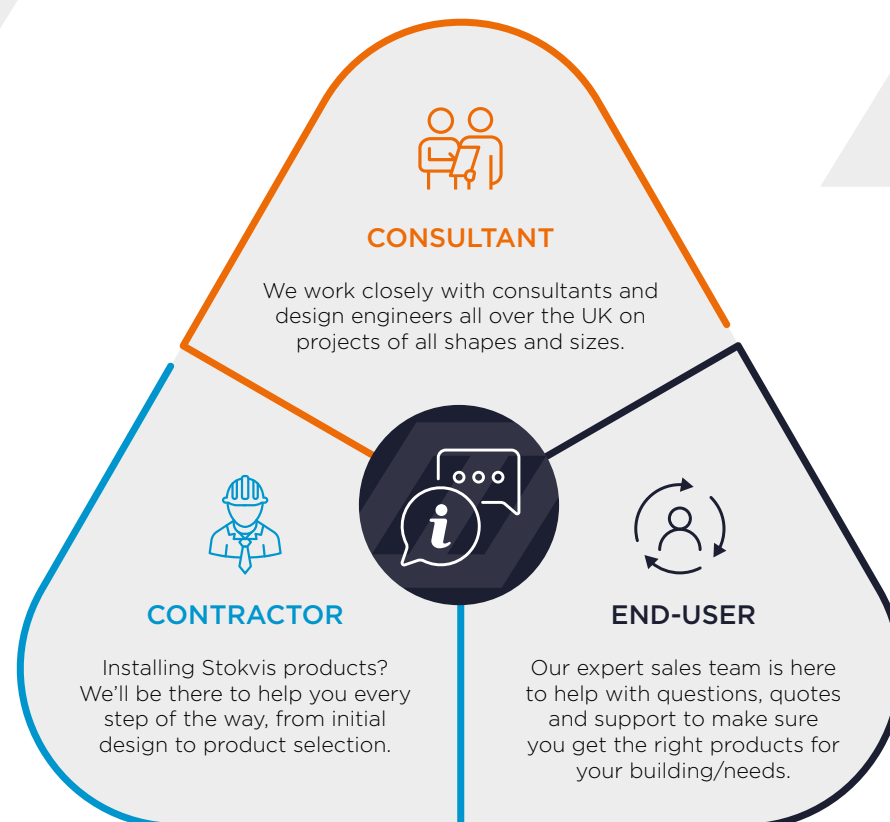


Heliex
POWER

HEAT TRANSFER SOLUTIONS, TAILORED TO YOU

Stokvis Energy Systems understands that every project requirement is different and needs a unique solution. Our process makes a seamless customer experience and ensures the correct equipment is selected, accompanied by the right aftercare.

START YOUR JOURNEY WITH STOKVIS



TECHNICAL SALES TEAM

Covering the whole of the UK, our Technical Sales Managers are on hand to support with everything from site visits and support with product selection, through to provision of product quotations and technical data on our products.



PROVEN TRACK RECORD

Scan to see our latest case studies



PROJECT REQUIREMENT REVIEW STAGE

Working collaboratively, we ensure that each project has careful consideration, robustness and rigidity. We ensure the solution is fit for purpose, delivering on cost, design, footprint and performance.





IDENTIFICATION OF YOUR REQUIREMENTS

An essential cog within the process, is understanding your needs. Working closely with you and your team, we will walk through the requirements, delving to understand any key differentiators and driving force behind your project. Understanding the full scope of works allows a fit for purpose solution to be presented.



TECHNICAL SOLUTIONS TEAM

It's important to us that we are not only providing the most efficient and sustainable solutions, but also that the system performance requirements are met.

We understand that on all scales of commercial and industrial projects, ensuring products are selected correctly and guaranteeing optimum performance of the system can be a challenge. Our easily accessible Technical Solutions Team are there to assist with the process and make life simpler for our customers, assisting with everything from product selection through to provision of performance data and technical submissions for their projects.

YOUR HEAT TRANSFER SPECIALIST

PRODUCT SELECTION

We're at the forefront of design, technology and efficiency, with a diverse product range to match. Whether you're a consultant starting a new project, a contractor installing or maintaining equipment, or an end user with equipment on-site, we're here for all your technical support and advice needs.

OUR PRODUCT RANGE IS FLEXIBLE TO YOUR INDIVIDUAL NEEDS AND REQUIREMENTS



"INVESTING IN STOKVIS PRODUCTS ENABLED US TO MAXIMISE THE SAVINGS FROM SETTING BACK THE BOILER TEMPERATURES, SAVING OVER 30% IN ENERGY COSTS."

STEVE BARTLETT, SENIOR ENGINEER, [PS]K DESIGN



ECONOPLATE

The Econoplate is our industry leading packaged plate heat exchanger. It's a ready-made solution in one compact package. All required control components such as valves and pumps are pre-selected and installed, perfectly complementing the required heat loads and duties of the system.

Due to the flexibility of the Econoplate packaged plate heat exchanger, it's the perfect solution for almost any application.

- ✓ Bespoke design solutions available
- ✓ Output ranges from 50kW to 1200kW
- ✓ Steam (2.6 barg) to MTHW / LTHW / DHW
- ✓ Water (Maximum temperature 120°C) - MTHW to LTHW or LTHW to DHW
- ✓ Available with 2 port, 3 port (Control or Diverting) or 4 port orientations
- ✓ MODBUS RTU & MODBUS TCP/IP compatible
- ✓ Controller with scheduler functionality - Negating need for BMS
- ✓ Industry leading energy efficient pump
- ✓ Insulation housing of primary pump set as standard
- ✓ Energy consumption data available on primary pump
- ✓ Controller utilises 24V, controlled by a 0-10v signal for fast acting valve actuators. Inbuilt high limit stat
- ✓ 4-point temperature monitoring system
- ✓ Pasteurization function within controller
- ✓ Simplex or duplex primary pump sets are available
- ✓ Low temperature, high temperature primary and secondary pump alarm functionality
- ✓ Ability to provide instantaneous hot water, or be used in conjunction with a buffer vessel(s) to cater for peak DHW draw off
- ✓ High, low and mixed theta plate pack sets
- ✓ WRAS approved

OPTIONAL EXTRAS

- ✓ Insulation jackets maximising energy efficiency
- ✓ Optional functionality of the Magna3 secondary pump maximising overall energy efficiency of the unit
- ✓ 7" full colour touch screen controller
- ✓ Steam skid unit, complete with power trap



ECONOSTORE

Econostore units combine two of the most well-known methods of providing hot water, instantaneous and storage. This results in a compact, efficient, semi-instantaneous solution that can provide hot water in high volumes at specific periods when required, a continuous flow-rate even once the storage vessel has been depleted, and extremely fast vessel recovery times.



- ✓ Bespoke design solutions available
- ✓ Output Range 50kW - 200kW (Based on 70°C)
- ✓ Output Range 50kW - 250kW (Based on 80°C)
- ✓ Controller utilises 24V, controlled by a 0-10v signal for fast acting valve actuators. Inbuilt high limit stat
- ✓ MODBUS RTU & MODBUS TCP/IP compatible
- ✓ Controller with scheduler functionality - Negating need for BMS
- ✓ Exceptionally small footprint
- ✓ Tank temperature sensor
- ✓ Modulation temperature sensor
- ✓ Pasteurization function within controller
- ✓ Low temperature, high temperature and secondary pump alarm functionality
- ✓ Complete with balancing valve, on secondary side, ensuring flow rate control to achieve desired flowrate
- ✓ Optional 7" full colour touch screen controller



"EXCELLENT PERFORMANCE AND RELIABILITY."

STEVE BARTLETT, SENIOR ENGINEER,
[PS]K DESIGN



CONFIGURING PRODUCTS TO YOUR REQUIREMENTS

GASKETED PLATE HEAT EXCHANGERS

When it comes to transferring heat, whether it's from steam to liquid or from one liquid to another, the Stokvis Gasketed Plate Heat Exchanger is one of the most efficient ways to get the job done.

With a vast range of frames, plates, connections and plate types, these heat exchangers have the flexibility to suit any requirement and fulfil the needs of almost any application.

- ✓ Versatility and agility to suit a multitude of application
- ✓ Ability to orientate in single or multi-pass arrangement
- ✓ Range of material of construction of plates (1.4301, 3.7025, 1.4401, 1.4404, 2.4819, 1.4547 & Nickel 200)
- ✓ Range of plate thicknesses (0.4mm, 0.5mm, 0.6mm & 0.7mm)
- ✓ Range of gasket material (NBR, EPDM, FKM, HNBR, FKM GF, EPDM FDA & Neoprene)
- ✓ Range of material of construction of frames (P355GH, P265GH Carbon Steel, S235JRG2 & S355J2 Carbon Steel)
- ✓ Range of nozzle size (DN25, DN32, DN40, DN50, DN65 & DN100)
- ✓ Range of nozzle type (Studded Port - Welded, Studded Port - Split Liner, Studded Port - Formed Liner, Threaded 7/1R, Victualic Connection, Studded Port - Rubber Liner, Studded Port - No Liner, Threaded ISOG & Weld Connection)
- ✓ Small footprint
- ✓ Easy to clean and maintain
- ✓ Ability to increase the performance by adding plates
- ✓ Optional insulation jackets maximising energy efficiency



BRAZED PLATE HEAT EXCHANGERS

The compact brazed plate heat exchanger (BPHE) is the most cost-effective way to transfer heat between two fluids. BPHEs are a sealed unit with no gaskets, eliminating the risk of leaks.

With no need for gaskets or supporting equipment, around 95% of the material is used for heat transfer. Thanks to highly turbulent flows, our BPHEs are largely self-cleaning, making cleaning in situ without disassembly possible, even in applications with a high risk of fouling or scaling.

Suitable for any application.

- ✓ Versatility and agility to suit a multitude of application
- ✓ Ability to orientate in single or multi-pass arrangement
- ✓ No gaskets are present, reducing point of failure and maintenance requirement
- ✓ Stable thermal and hydraulic performance
- ✓ Compact in size, small footprint
- ✓ Connection variation tailored to application
- ✓ Optional insulation jackets maximising energy efficiency



BUFFER VESSELS

Store and generate hot water at peak demand with our range of standard and bespoke buffer vessels.

Whether you're lacking output from your heat source or experiencing high peak demand, our buffer vessels are the perfect solution, storing hot water in reserve for fast and efficient supply.

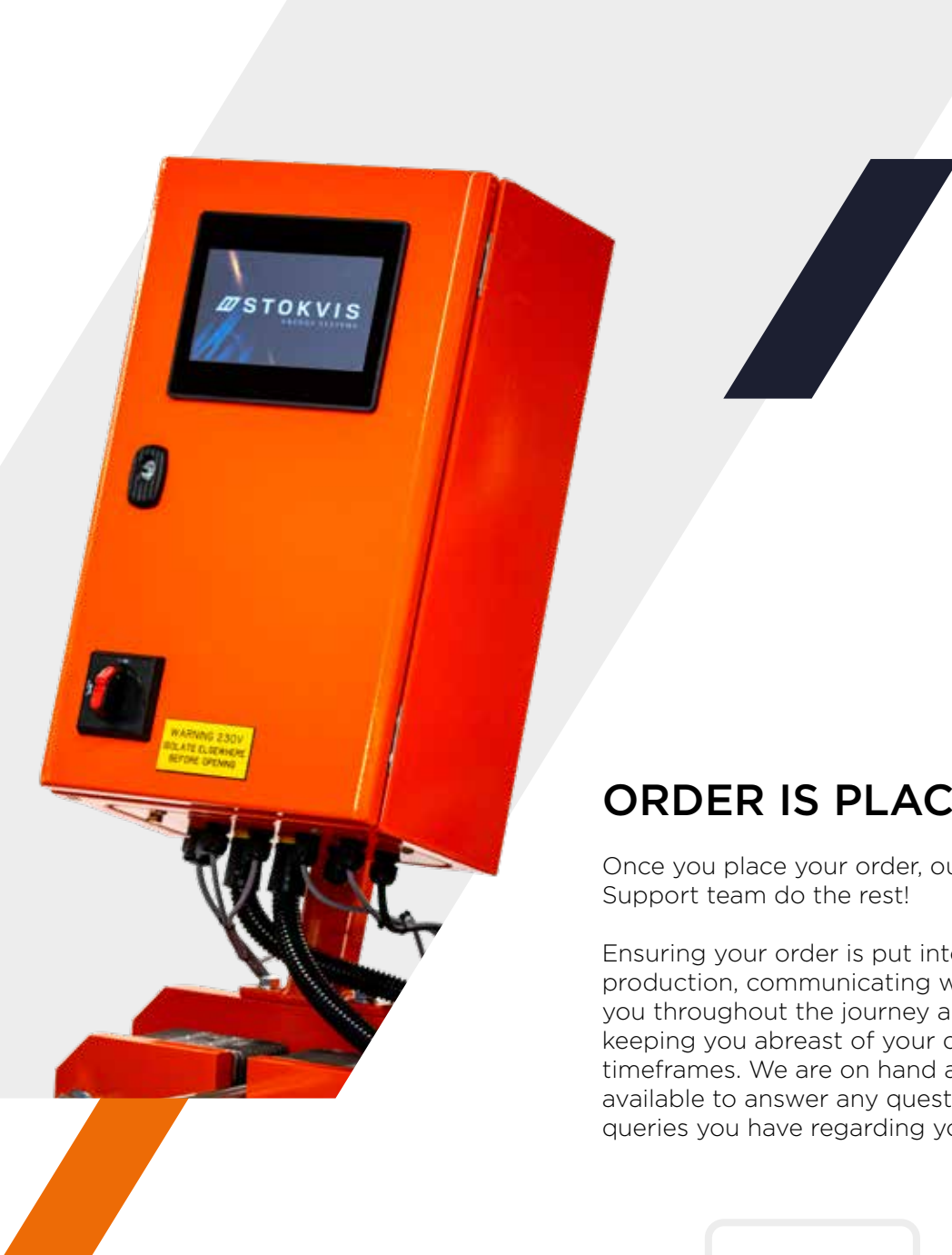
- ✓ Standard ranges from 250 to 1200 litres
- ✓ Bespoke sizing up to 10,000 litres
- ✓ Maximum working pressure: 8 bar
- ✓ Polyurethane (PU) Insulation
- ✓ Insulation thickness 50mm up to 100mm
- ✓ Range of material of construction - manufactured in mild steel or stainless steel, application dependent
- ✓ Fully customisable
- ✓ Easy lifting and positioning features
- ✓ Buffer vessel manufactured as vented or pressurised
- ✓ Manufactured with direct, indirect and twin coil



ADDITIONAL PRODUCTS AND SERVICES

- ✓ Design and specification services
- ✓ ASHP
- ✓ Design and manufacture of packaged plant rooms
- ✓ Steam skid unit packages
- ✓ Pump performance surveys
- ✓ Controller upgrades
- ✓ Booster sets
- ✓ Boilers
- ✓ Spares
- ✓ Servicing
- ✓ Installation
- ✓ Commissioning
- ✓ CPD (continuous professional development)
- ✓ Training packages

OUR PRODUCT RANGE IS FLEXIBLE TO YOUR INDIVIDUAL REQUIREMENTS



ORDER IS PLACED

Once you place your order, our Service Support team do the rest!

Ensuring your order is put into production, communicating with you throughout the journey and keeping you abreast of your delivery timeframes. We are on hand and available to answer any questions or queries you have regarding your order.

PROVISION OF QUOTE AND REVIEW PHASE

Once the technical assessment and design has been drafted, assigning the correct product solution, our Technical Sales team will guide you through the next steps. Evaluating the proposal is critical, we are on hand for any technical guidance, reassurance or support taking us through to sign off.



SOLUTIONS TAILORED TO YOU



WHATEVER THE CHALLENGE, WE'VE GOT THE SOLUTION

MANUFACTURE

Within our UK based production centre, we manufacture, build and test with the highest workmanship. Following ISO9001 procedures, rigorous build, test and quality control measures, you are assured of a market leading asset.



GET MORE FROM YOUR EQUIPMENT

In addition to the support we offer prior to product installation, we are also here to help and support throughout the life cycle of the product. We know it's important that advice and support is on hand when you need it. Whether it be in the form of an engineer attending site or a trouble shooting phone call, we've got you covered.

No matter where you are in the UK, we're here to help - get in touch with us today for advice, support, and guidance.



COMMISSIONING

Ensure every aspect of your equipment meets specifications and performs at its best from the day it's installed, with our UK-wide commissioning service.



SPARES

From gaskets to gas valves, bolts to burners, and high limit stats to heat exchangers - we can supply all the Stokvis spares you'll ever need.



TECHNICAL SUPPORT

Whether you're simply specifying a new project or in need of some assistance with an existing install, we're on hand to give you the support you need.



SERVICING AND AFTERCARE

Keeping your equipment regularly serviced, ensures continued reliability, performance, and efficiency. Contact us to book in your service.



ENGINEER CALL-OUT

If it's a site visit you need; just say the word and we'll have one of our trained and experienced engineers on site as soon as possible.



MECHANICAL INSTALLATION

Need your Stokvis equipment installing? Make use of our fully trained network of engineers!



PROVEN TRACK RECORD

Scan to see our latest case studies



KEEP UP WITH THE INDUSTRY

We are on hand to support your businesses and employees ongoing professional development, let us deliver our CIBSE approved CPD to continue giving insight into the world of heat transfer!



YOU'RE IN SAFE HANDS WITH STOKVIS

"STOKVIS AFTERCARE SERVICE WAS UNMATCHED, THEY ALSO CARRIED OUT THE COMMISSIONING WORK AFTER WE COMPLETED THE INSTALLATION, THE WHOLE JOB WENT REALLY WELL."

STUART SMITH, MANAGING DIRECTOR
LORD COMBUSTION

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MANUFACTURED
IN THE UK