

#POWERINGWATER

STUART
TURNER



COMMERCIAL PRODUCT RANGE

STUART-TURNER.CO.UK



ABOUT US

Established 1906, Stuart Turner are an industry leading, trade trusted manufacturer of water boosting solutions with an international reputation for product quality, reliability, innovation and customer service.

Our products are carefully designed and developed to provide solutions for powering water and customers can expect the latest technology, manufactured to the highest quality standards for the most reliable solution available – all designed and manufactured to exacting standards in the UK.

Most installations can be satisfied from our standard range of products. If you need a more tailored solution, our unique manufacturing facility combined with our specialist technical expertise means we can provide bespoke options specifically aimed at commercial and OEM markets.

Telephone: **TechAssist +44 (0) 800 31 969 80** e-mail info@stuart-turner.co.uk or visit the support section of the Stuart Turner website at stuart-turner.co.uk to find your local specialist.



The following brands are part of the Stuart Turner Group:



UNRIVALLED SUPPORT

We are specialists in our field, with a dedicated team able to offer help at every stage.

DESIGN EXPERTISE

Our expert team can conduct a detailed analysis of the performance requirements of the intended project to produce a fully costed proposal. All our systems are custom designed in-house using the latest CAD software to develop, evaluate and aid the design of the most efficient solution for your specific needs.



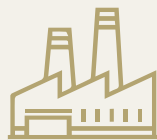
COMMISSIONING

We provide a full commissioning service on all our systems and are available to advise on the installation of your system should you require our technical help or practical expertise.



MANUFACTURING EXCELLENCE

We have invested in the latest production and manufacturing technologies to ensure we work to the highest quality standards. This guarantees our system reliability whilst at the same time minimising costs, improving efficiency and delivering on time and in full.



MAINTENANCE

Ongoing maintenance is a cost-effective solution to prolonging the life of your system and maximising its operational efficiency. To ensure the system continues to operate effectively and reliably we can also offer a comprehensive maintenance and service contract.



TECHNICAL TRAINING

We offer a range of CPD courses aimed at building service engineers and accredited by CIBSE – Chartered Institution of Building Service Engineers. CIBSE is an internationally recognised professional association that supports construction and engineering industries by delivering up-to-date knowledge of the built environment to its membership through training and education.

Visit the **CIBSE** website for further details.



ON-GOING SUPPORT

The quality and reliability of our products and services are second to none, allowing you peace of mind when you specify Stuart Turner. However, should you experience any issues we have a dedicated team of technical experts available to help. The TechAssist team are available to offer technical advice or guidance on any aspect of product selection.

Technical helpline:
TechAssist 0800 31 969 80



INTRODUCING

COMMERCIAL BOOSTER SETS & COLD WATER STORAGE

WATER BOOSTING SOLUTIONS

With an extensive variety of systems available within our commercial range, we can offer a range of solutions suited to large domestic properties and commercial developments.

- ▶ Booster sets
- ▶ Integrated systems
- ▶ Framed systems
- ▶ CAT 5 systems

Our products feature variable speed pumps capable of operating in duty-assist or duty-standby modes for 2 pump systems & duty-assist-standby or duty-assist-assist for 3 pumps systems, in vertical or horizontal pump configurations. Our booster sets are supplied as a complete fully packaged product for ease of installation.



COLD WATER BOOSTING

“Stuart Turner offer a wide range of commercial booster sets, integrated pump and water storage systems, designed to optimise space, provide higher water pressure and flow to multiple outlets and supplied as a ready to install fully packaged product.”

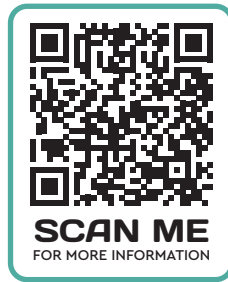
COMMERCIAL BOOSTER SETS

AQUABOOST iBOLT single pump booster set

The iBOLT range of single pump booster sets features a horizontal multistage pump controlled by an air-cooled variable speed frequency inverter mounted directly on the pump motor.

The iBOLT series offers a range of single pumps with varying capacities. The flow rates span from 5.0 to 25.0 m³/hour, while the corresponding head pressures range from 4.4 to 9.2 bar.

- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 25 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION
- ▶ WRAS APPROVED 8 LITRE PRESSURE VESSEL



AQUABOOST iBOLT twin pump booster set

The iBOLT range of twin pump booster sets features two horizontal multistage pumps controlled by air-cooled variable speed frequency inverters mounted directly on the pump motors.

The iBOLT series offers a range of single pumps with varying capacities. The flow rates span from 5.0 to 25.0 m³/hour (per pump), while the corresponding head pressures range from 4.4 to 9.2 bar (per pump).

- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 50 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION
- ▶ WRAS APPROVED 24 LITRE PRESSURE VESSEL



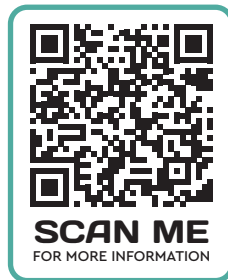
COMMERCIAL BOOSTER SETS

AQUABOOST iBOLT triple pump booster set

The iBOLT range of triple pump booster sets features three horizontal multistage pumps controlled by air-cooled variable speed frequency inverters mounted directly on the pump motors.

The iBOLT series offers a range of single pumps with varying capacities. The flow rates span from 5.0 to 25.0 m³/hour (per pump), while the corresponding head pressures range from 4.4 to 9.2 bar (per pump).

- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 75 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION
- ▶ WRAS APPROVED 24 LITRE PRESSURE VESSEL



2 YEAR
WARRANTY

Did you know? We have Data Sheets for all of our products

At Stuart Turner, ensuring transparency and accessibility is paramount. For each of our commercial products, we meticulously compile comprehensive data sheets. These sheets offer detailed specifications, performance metrics, and essential information to aid our clients in making informed decisions. Recognizing the convenience of our clientele, we have centralised these resources on our official website. You can effortlessly access and download these data sheets at your convenience.

Simply visit stuart-turner.co.uk/support/downloads to explore the wealth of information available. We remain committed to facilitating a seamless experience, prioritizing clarity, and empowering our customers with knowledge.



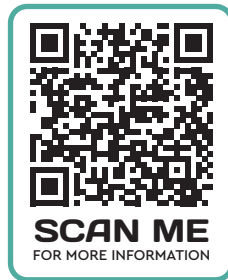
COMMERCIAL BOOSTER SETS

AQUABOOST VARiFLO horizontal

AQUABOOST VARiFLO horizontal booster sets are available with two or three horizontally mounted high performance pumps with variable speed control.

Suitable for use in commercial applications, these sets are capable of boosting cold water flow rates of up to 45 m³/h or heads up to up to 9.2 bar pressure.

- ▶ UP TO 9.1 BAR PRESSURE
- ▶ FLOW RATES UP TO 72 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ 8 or 24 LITRE PRESSURE VESSEL OPTIONS
- ▶ DRY RUN PROTECTION
- ▶ KIWA REGULATION 4 APPROVED
- ▶ WRAS APPROVAL PENDING



AQUABOOST VARiFLO vertical

AQUABOOST VARiFLO vertical booster sets are available with two vertically mounted high performance pumps with variable speed control.

Suitable for use in commercial applications, these sets are capable of boosting cold water flow rates of up to 16 m³/h or heads up to up to 8.5 bar pressure.

- ▶ UP TO 9.1 BAR PRESSURE
- ▶ FLOW RATES UP TO 72 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ 8 or 24 LITRE PRESSURE VESSEL OPTIONS
- ▶ DRY RUN PROTECTION
- ▶ KIWA REGULATION 4 APPROVED
- ▶ WRAS APPROVAL PENDING



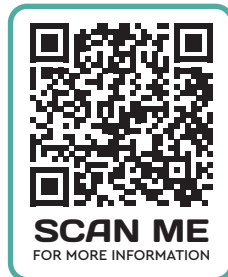
COMMERCIAL BOOSTER SETS

AQUABOOST MAB horizontal

WRAS and KIWA Regulation 4 approved and are available with single, twin or triple horizontal.

The AQUABOOST MAB range of variable speed booster sets feature high quality multistage pumps controlled by air-cooled variable speed frequency inverters. Designed to be a high performing and intuitive to commission booster set range, offering constant water pressure supply where flow demand varies.

- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 45 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ 24 LITRE PRESSURE VESSEL
- ▶ DRY RUN PROTECTION
- ▶ WRAS & KIWA REGULATION 4 APPROVED



AQUABOOST MAB vertical

WRAS and KIWA Regulation 4 approved and are available with twin or triple vertical pumps.

The AQUABOOST MAB range of variable speed booster sets feature high quality multistage pumps controlled by air-cooled variable speed frequency inverters. Designed to be a high performing and intuitive to commission booster set range, offering constant water pressure supply where flow demand varies.

- ▶ UP TO 9.2 BAR PRESSURE
- ▶ FLOW RATES UP TO 45 M³/ HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ 24 LITRE PRESSURE VESSEL
- ▶ DRY RUN PROTECTION
- ▶ WRAS & KIWA REGULATION 4 APPROVED



COMMERCIAL BOOSTER SETS

AQUABOOST MARB horizontal

Variable speed horizontal 2, 3 & 4 pump units capable of boosting cold water at up to 25 m³/h per pump or up to 16.0 bar pressure.

The MARB generation of variable speed panels range from 3.0 kW up to 55 kW and utilise advanced data networking and adaptive self-tuning algorithms to provide smooth and effective pump control making them ideal for a variety of commercial applications. Larger flows & pressures are available on request.

- ▶ UP TO 16.0 BAR PRESSURE
- ▶ FLOW RATES UP TO 100 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ MULTIPLE VOLT FREE CONTACTS
- ▶ START UP SAFE MODE
- ▶ CONTINUOUSLY RATED



AQUABOOST MARB vertical

Variable speed vertical 2, 3 & 4 pump units capable of boosting cold water at up to 25 m³/h per pump or up to 16.0 bar pressure.

The MARB generation of variable speed panels range from 3.0 kW up to 55 kW and utilise advanced data networking and adaptive self-tuning algorithms to provide smooth and effective pump control making them ideal for a variety of commercial applications. Larger flows & pressures are available on request.

- ▶ UP TO 16.0 BAR PRESSURE
- ▶ FLOW RATES UP TO 100 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ MULTIPLE VOLT FREE CONTACTS
- ▶ START UP SAFE MODE
- ▶ CONTINUOUSLY RATED



COMMERCIAL BOOSTER SETS

AQUABOOST iMATIC integrated single pump booster set

The AQUABOOST iMATIC single pump booster set features one submersible multistage pump controlled by a dedicated variable speed frequency inverter.

The single pump 400 litre tank is fitted with a 0304 stainless steel pump, capable of delivering flow rates up to 6.0 M³/hour and capable of producing head pressures of up to 6.4 bar.

- ▶ UP TO 6.4 BAR PRESSURE
- ▶ FLOW RATES UP TO 6 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION
- ▶ WRAS APPROVED 8 LITRE PRESSURE VESSEL



2 YEAR
WARRANTY



AQUABOOST iMATIC integrated twin pump booster sets

The AQUABOOST iMATIC range of twin pump booster sets feature two submersible multistage pumps controlled by a dedicated variable speed frequency inverter.

The twin pump 800 litre tank is fitted with two 0304 stainless steel pumps, capable of delivering flow rates up to 6.0 m³/hour per pump and capable of producing head pressures of up to 6.4 bar.

The twin pump 1200 litre tank is fitted with two 0504 stainless steel pumps, capable of delivering flow rates up to 10.0 m³/hour per pump and capable of producing head pressures of up to 6.6 bar.

- ▶ UP TO 6.6 BAR PRESSURE
- ▶ FLOW RATES UP TO 20 M³ / HOUR
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ DRY RUN PROTECTION
- ▶ WRAS APPROVED 24 LITRE PRESSURE VESSEL



2 YEAR
WARRANTY



COMMERCIAL BOOSTER SETS

AQUABOOST ABI IN-TANK booster system

The ABI IN-TANK range of automatic variable speed Booster systems offers a compact, very quiet and simple to install solution for a range of domestic and commercial applications.

Available with 250 – 2000 litre cold water storage capacity, with flow rates up to 27 m³/h and heads up to 8 bar.

- ▶ COMPACT, SPACE SAVING DESIGN
- ▶ HEADS UP TO 8 BAR
- ▶ FLOW RATES UP TO 27 M³ / HOUR
- ▶ 8 or 24 LITRE PRESSURE VESSEL OPTIONS
- ▶ VARIABLE SPEED SINGLE, TWIN OR TRIPLE PUMP
- ▶ EASY INSTALLATION
- ▶ 25MM COLD WATER TANK THERMAL INSULATION



AQUABOOST IT IN-TANK booster system

The IT IN-TANK range of automatic variable speed Booster systems offers a compact, very quiet and simple to install solution for a range of domestic and commercial applications.

Available with 250 – 5000 litre cold water storage capacity, with flow rates up to 27 m³/h and heads up to 8 bar.

- ▶ COMPACT, SPACE SAVING DESIGN
- ▶ HEADS UP TO 8.4 BAR
- ▶ FLOW RATES UP TO 27 M³ / HOUR
- ▶ 8 or 24 LITRE PRESSURE VESSEL OPTIONS
- ▶ VARIABLE SPEED SINGLE, TWIN OR TRIPLE PUMP
- ▶ 25MM COLD WATER TANK THERMAL INSULATION



DID YOU KNOW?

AQUABOOST IT IN-TANKS ARE
FULLY WRAS APPROVED & KIWA
REGULATION 4 APPROVED.

COMMERCIAL FRAME MOUNTED BOOSTER SETS

AQUABOOST Frame mounted booster sets

A range of frame mounted fixed or variable speed booster sets available for Category 3/4 applications or Category 5 where the risk of back-flow contamination exists.

AQUABOOST FRAME MOUNTED booster sets feature an open construction steel powder coated frame with polypropylene cold water storage tanks with storage capacities from 50 to 200 litres providing flow rates up to 80 litres per minute.

- ▶ UP TO 6.5 BAR PRESSURE
- ▶ FLOW RATES UP TO 80 LTRS/MIN
- ▶ FIXED AND VARIABLE SPEED CONTROL OPTIONS
- ▶ POLYPROPYLENE COLD WATER STORAGE TANKS
- ▶ CAT 4 WITH 1/2" BSP INLET



2 YEAR
WARRANTY



AQUABOOST Integrated booster systems

AQUABOOST INTEGRATED booster systems offer an extensive range of break tank sizes and configuration options, designed to suit the application, available space and site access limitations. The range features variable speed single or multiple pump options and provides a simple to install package for commercial applications.

AQUABOOST integrated booster systems utilise WRAS Approved booster sets and cold water storage tanks. They are supplied as a powder coated, solid box section ready to install.

- ▶ UP TO 16 BAR PRESSURE
- ▶ FLOW RATES UP TO 25 M³/H PER PUMP
- ▶ ONE, TWO OR THREE PUMP OPTIONS
- ▶ INTELLIGENT VARIABLE SPEED CONTROLS
- ▶ EXTENSIVE COLD WATER STORAGE TANK OPTIONS
- ▶ FLUID CATEGORY 3/4 AND CATEGORY 5 OPTIONS



2 YEAR
WARRANTY



COMMERCIAL CAT 5 BOOSTER SETS

AQUABOOST Aquabreak CAT 5

The AQUABREAK is a complete, all-in-one single outlet booster set incorporating single pump, pressure sensor, controller, control vessel, non-return valve and a 5 litre (nominal) break tank fitted with a ½" solenoid valve and strainer.

The electronic controller ensures that the pump starts automatically when water is consumed and stops automatically when the consumption ceases. In addition the controller protects the pump in case of faults.

- ▶ UP TO 4.5 BAR PRESSURE
- ▶ FLOW RATES UP TO 24 LTRS/MIN
- ▶ CATEGORY 5 BACKFLOW PREVENTION
- ▶ DURABLE STAINLESS STEEL ENCLOSURE
- ▶ 5 LITRE BREAK TANK



2 YEAR
WARRANTY



AQUABOOST VARIFLO CAT 5

AQUABOOST VARIFLO CAT 5 water boosting systems feature a Type AB air gap and weir overflow making them suitable for use in commercial applications where the risk of back-flow contamination from Category 5 fluids exists.

AQUABOOST VARIFLO CAT 5 systems incorporate a 68 or 227 litre polypropylene break tank complete with a raised ball valve chamber with a type AB air gap.

The 227 litre tank is also available with dual raised ball valve chambers with a type AB air gap.

- ▶ UP TO 9.1 BAR PRESSURE
- ▶ FLOW RATES UP TO 8.5 M³/ HOUR
- ▶ CATEGORY 5 FLUID RISK COMPATIBLE
- ▶ ADVANCED VARIABLE SPEED CONTROL
- ▶ INTEGRAL LOW WATER ALARM
- ▶ DRY RUN PROTECTION
- ▶ COMMON FAULT BMS OUTPUT



2 YEAR
WARRANTY



COMMERCIAL BOOSTER SETS

AQUATECH PRESSMAIN MONOMATIC MC-5 CAT 5 HEALTH

This all in one, floor standing unit includes a 65 litre break tank, for ample wash down water this floor-standing booster set is designed for domestic or light commercial use, to provide back flow prevention to WRAS category 5 fluid application with a higher flow and pressure than our Aquabreak AB5.

Suitable for cleaning by water flushing in hospitals, vets, health facilities etc. and providing a break between the mains water and the hose to maintain the required level of hygiene.

- ▶ EASY ACCESS TO COMPONENTS
- ▶ FLOW UP TO 4.32 M³/H
- ▶ HEADS UP TO 4.5 BAR
- ▶ 65 LITRE BREAK TANK
- ▶ FULL 24/7 WARRANTY FOR 2 YEARS



We've Joined BIM Object

We've rolled out our MAB Booster sets and now our Mikrofill products to incorporate BIM Modelling to make your life easier when specifying our products in your project. If you do need further help and support, we can take you through each set ensuring you have the right model for your project.

Look out for our new "BIM Icon" on selected products or visit stuart-turner.co.uk/BIM for selected models.

PRODUCT AVAILABLE ON
bimobject

We are increasing the Stuart Turner Group products that include bimobject files so please remember to check back regularly.



COMMERCIAL FIRE SPRINKLER SOLUTIONS

AQUATECH PRESSMAIN AQUAMATIC AMV-FE

The AQUAMATIC AMV-FE range enhances water pressure in buildings with inadequate system pressure. Variable speed pumps adjust motor speed to match flow demand, ensuring a constant duty pressure while minimizing power consumption compared to fixed speed control.

Our AMV-FE pump sets accommodate 2 to 8 pumps (expandable if required), with or without standby pumps. They operate in a staged cascade mode to adjust flow demand. All components are assembled on a base frame, including a microprocessor, control panel, valves, and fittings, allowing for easy installation and efficient operation.

- ▶ FLOW UP TO 35 M³/H PER PUMP
- ▶ AUTOMATIC CASCADE CONTROL FOR ALL PUMPS
- ▶ WRAS APPROVED PRODUCT
- ▶ 304 STAINLESS STEEL PIPEWORK
- ▶ 2 TO 8 PUMP VERSIONS AVAILABLE



DID YOU KNOW?



WITH FIRE SPRINKLER MODE FOR COMBINED DOMESTIC WATER AND SPRINKLER SYSTEMS TO BS9251:2021

AQUATECH PRESSMAIN Fire Priority Demand Valves

AQUATECH PRESSMAIN's Fire Priority Valve PDV system features a motorized valve and control panel. It is designed for domestic sprinkler systems in compliance with BS9251:2021.

When the system detects activation, it closes the valve, diverting water to the sprinklers. The Enhanced PDV-E variant keeps the valve closed until manually reset, usually after the fire brigade relinquishes control of the building. This system optimizes water supply for efficient fire suppression in domestic settings.

- ▶ VALVE WITH FAILSAFE ACTUATOR
- ▶ AUTO-SHUT DOWN OF THE COLD WATER SUPPLY
- ▶ 2M CABLE LENGTH BETWEEN VALVE & CONTROL PANEL
- ▶ WRAS APPROVED VALVE
- ▶ PROVIDED FULLY PRE-WIRED
- ▶ 9 VALVE SIZES AVAILABLE



COMMERCIAL FIRE SPRINKLER SOLUTIONS

AQUATECH PRESSMAIN AQUAVENT Refill Valve

The AQUAVENT valve helps prevent pressure shocks while draining and refilling water supply pipes. It prevents shock conditions by allowing the system to vent properly without wasting water, whether the drain-down is intentional or unintentional due to low water or power interruption.

The AQUAVENT also decelerates the water column by releasing air during filling, closing once all air is removed. It features a balanced design that seals the system with minimal water loss. During draining, the valve eliminates negative pressure with a vacuum break in the draining riser.

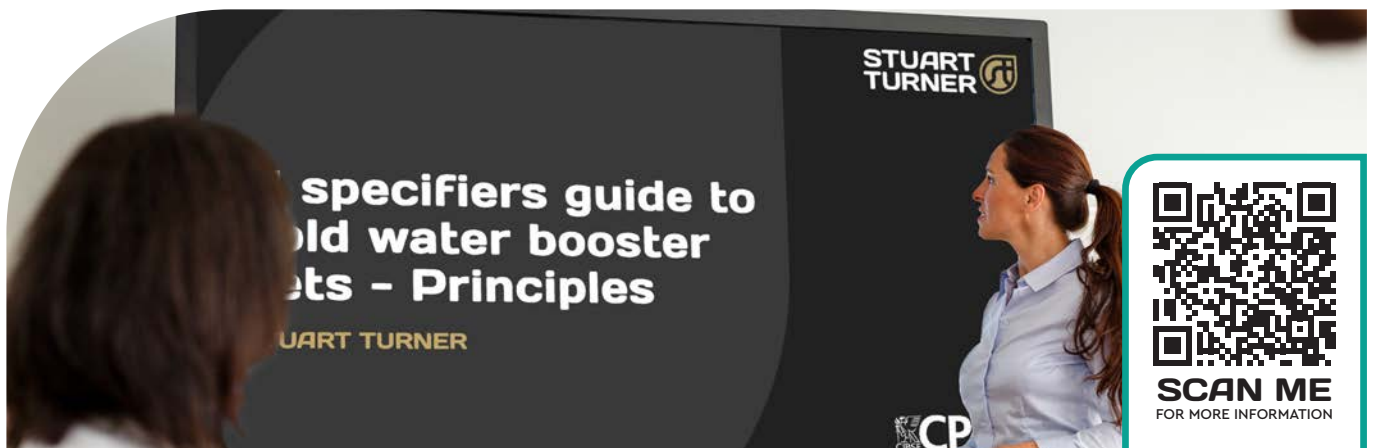
- ▶ HIGHLY EFFECTIVE IN BREAKING THE VACUUM
- ▶ MINIMAL SERVICE REQUIREMENTS
- ▶ PREVENTS LEAKS
- ▶ WRAS APPROVED PRODUCT
- ▶ EASY ACCESS FOR INSTALLATION AND SERVICING
- ▶ 2 YEAR WARRANTY



Did you know? We offer CIBSE Accredited CPD training

At Stuart Turner, we pride ourselves on providing a range of fully CIBSE accredited CPD training sessions tailored to meet industry standards and advancements. These sessions are meticulously crafted to enhance professional development, ensuring participants stay abreast of the latest trends, technologies, and best practices.

If you're keen on organising one or more of these CPD modules for yourself or your team, we invite you to take the next step. Simply complete our booking form at stuart-turner.co.uk/support/cpd-training. Upon receipt, our team will promptly liaise with you to finalise the specifics, ensuring a seamless and enriching learning experience for all involved.



INTRODUCING

AQUAPOD & A-POD

COMPACT BOOSTING SOLUTIONS



NO SPACE? NO PROBLEM!

Our range of AQUAPOD subterranean pump systems and A-POD plant rooms are designed to provide effective solutions to water boosting problems. With a variety of options to choose from, we can help you select the right system to suit your needs. Whether you need to save space or want your solution to be hidden from view, our products are engineered to deliver reliable and efficient performance. With our expertise in water supply systems, we can help ensure that you have a dependable water supply for your property.

AQUABOOST AQUAPOD

We can create a custom subterranean pump system along with a category 4 or 5 water break tank to provide potable water to commercial and residential buildings. Our team can manufacture the system according to your unique

design requirements, ensuring that it is tailored to meet your specific needs. With this fully packaged and bespoke solution, you can rest assured that you have a reliable and efficient water supply system for your property.

- ▶ MAXIMISES VALUABLE SPACE WITHIN THE BUILDING
- ▶ DOES NOT USUALLY REQUIRE PLANNING PERMISSION
- ▶ COMPLETELY HIDDEN FROM VIEW
- ▶ CAN BE INSTALLED UNDERNEATH A CAR PARK OR SOFT LANDSCAPE
- ▶ ELIMINATES NOISE TRANSFER

GOOD TO KNOW

This system boasts a cold water storage capacity of up to 7,500 litres and features an environmental control system. Additionally, it includes lighting, an access ladder, and a sump pump, making it a comprehensive solution for water storage and management.

WANT TO KNOW MORE?

To learn more about this system and its potential benefits for you, please contact us at aquaboost@stuart-turner.co.uk. We are happy to provide additional information and answer any questions you may have.



A-POD PACKAGED PLANT ROOMS

The A-POD is a single-piece item with a full-height internal dividing wall that separates the wet compartment (for stored water) from the dry side (housing the booster set).

Available in tank sizes from 1,600–10,000 litre nominal storage capacity, the unit is factory assembled with all necessary pipework, electrical equipment, and interconnections. The inlet and outlet connections are located within the dividing wall, while the overflow, warning pipe, and screened spill-over weir exit through the wet side wall, eliminating the need for additional pipework.

The unit is mounted on a galvanized steel skid for easy movement, and requires only simple mains and outlet pipework connections, and electrical supply for minimal onsite installation.



INTRODUCING

GRP TANKS

EFFICIENT WATER STORAGE



YOUR WATER STORAGE SOLUTION!

Stuart Turner offers a range of high-quality GRP tanks and enclosures for various water storage applications. The one/two-piece tanks are versatile, designed for both potable and non-potable water storage.

The sectional tanks come in a modular format that allows for a wide range of sizes and configurations, providing a perfect solution for large volumes of water storage. The tanks feature hot press-moulded GRP panels & WRAS approval.

Our GRP enclosures are designed to endure harsh weather conditions, with a tough outer gel coat, polyurethane foam core, and standard 25mm insulation. The enclosures can be customized and configured from small to large sizes. Our experienced team can help manage your installation from site survey to handover and commissioning, ensuring 100% control of the installation process.

ONE / TWO PIECE TANKS

Stuart Turner offers a wide selection of GRP (Glass Reinforced Plastic) tanks for water storage. The tanks are extremely versatile and can be used for both potable and non-potable water storage, with a maximum water temperature of 29°C. These tanks are designed to meet BS EN 13280:2001 requirements and are WRAS (Water Regulations Advisory Scheme) approved, ensuring that they are of the highest quality and reliability.

GOOD TO KNOW

GRP two-piece water tanks are particularly suitable for sites with access restrictions, allowing a large tank to be carried through a doorway or similar restrictions then assembled once in position.



SECTIONAL TANKS

We offer a large range of high-quality GRP Sectional water tanks for storing large volumes of water. These modular tanks come in a variety of sizes and configurations, ranging from 125 litres up to 2,000,000 litres, making them a perfect solution when one or two-piece tanks are not feasible. Our tanks feature hot press-moulded GRP panels, WRAS approval, and a metric modular format, allowing for water storage in a variety of sizes. We offer different formats, including an internal or externally flanged base arrangement, and a fully self-draining base option.

Our experienced team can help manage your tank installation, from site survey to handover & commissioning, and ensure 100% control of installation. All tanks are manufactured to BS EN 13280:2001 and comply with ISO9001:2001 quality control system.



GRP ENCLOSURES

Our GRP enclosures endure extreme weather conditions, with a tough outer gel coat and polyurethane foam core. Standard 25mm insulation can go up to 100mm for harsh weather. Internal finish is durable white gel coat, with exterior options of RAL6005 Green or BS 00A05 Industrial Grey.

Configurations start from 800×200×800mm up to infinite size, available in one-piece or sectional units. Door hardware includes stainless steel hinges and fixings, Yale night latch lock assemblies, external door handles, internal door check straps, and stays. Enclosures can be customized with a heater, bulkhead light, and distribution board. Our quality materials and skilled team ensure your enclosure is built to last.



INTRODUCING

PANEL RETROFIT



ACCESSORIES

We offer an extensive range of accessories including anti-vibration feet, pump and booster set mounts, hydraulic kits and flexible hose couplings, along with ancillary products to compliment the installation.

For a full listing and further information visit stuart-turner.co.uk

COMMERCIAL PANEL RETROFIT

AQUABOOST MAB & MARB variable speed control panels are an ideal retro-fit to existing installations. Our comprehensive range of panels start at 0.75 kW and are available up to 55 kW for up to 4 pumps.

- ▶ SPEED CONTROL FOR 1 TO 4 PUMP UNITS
- ▶ PASSWORD PROTECTION
- ▶ SAFETY 'SOFT START' FUNCTION

The air-cooled inverters are all mounted in an enclosure complete with door interlocked isolator ready to connect the electrical supply, pumps and transducers.

- ▶ HAND / OFF / AUTO SWITCHES AS STANDARD
- ▶ ADJUSTABLE PRESSURE MONITORING
- ▶ PRESSURE TRANSDUCER CONNECTIONS

GOOD TO KNOW

AQUABOOST control panels can be wall mounted or free standing on a panel stand to suit your water boosting requirement. Multiple Systems over 4 pumps are available on request.

DID YOU KNOW

Some clients even remove the existing panel and mount our panel in its place.

Contact us to find out more aquaboost@stuart-turner.co.uk



TANKMATIC Level & Temperature monitor/controllers

Our Tankmatic system provides reliable, continuous control of liquid levels and temperatures in both water and fuel oil tanks. It offers analog and digital outputs for Building Management Signals, along with submersible sensors.

This system can activate valves, pumps, and alarms to address issues like high temperatures, low or high fluid levels, preventing problems and saving both time and money.

We also offer an optional remote display that can be placed up to 1,500 meters away from the tank for added convenience.

- ▶ FOR MONITORING / CONTROLLING WATER OR OIL TANKS
- ▶ LEVEL AND TEMPERATURE SENSORS
- ▶ CONTINUOUS STATUS DISPLAY
- ▶ OPTIONAL REMOTE DISPLAY
- ▶ EASY ACCESS FOR INSTALLATION AND SERVICING
- ▶ 2 YEAR WARRANTY



INTRODUCING

BESPOKE

BOOSTING SOLUTIONS



LOW PRESSURE? NO PROBLEM!

Most installations can be satisfied from our standard range of products, however, if you need a more tailored solution our unique manufacturing facility combined with our industry partnerships and technical expertise means we can provide bespoke options specifically aimed at commercial and OEM markets.

We can even provide a dimensionally interchangeable boosting solution to suit existing pipe work or booster set footprint, therefore reducing installation time and potential cost.

AQUABOOST BESPOKE

Our profound expertise in crafting bespoke water boosting solutions ensures that our products remain some of the most advanced, efficient, and reliable offerings available in the market. These tailored solutions are meticulously designed to enhance water systems, resulting in exceptional efficiency and unmatched dependability within the industry.

Booster Sets

Pump booster sets offer a more efficient solution particularly in office blocks, hotels and large residential developments where the flow rates required throughout a typical day can vary immensely.

Booster sets can range from one to six, fixed or variable speed, vertical or horizontal multistage pumps. Stuart Turner can specify and select any manufacturers pumps and will work with you to ensure the most appropriate pumps are selected for your project.

MAB booster sets

MAB Booster Sets include single, twin and triple pump models, featuring variable speed controls and horizontal and vertical pump options.

MARB booster sets

MARB variable speed boosters sets feature enhanced controls and are available with up to four pumps, up to 55kw offering a large range of flows and pressures.

VARI FLO booster sets

VARI FLO booster sets feature constant pressure variable speed inverters for single & multiple pump sets constructed from a techno-polymer body suitable for drinking water applications.

Integrated Systems

Integrated systems offer water storage facilities coupled with premium quality pumps designed to provide a continuous delivery of high water pressure and high flow rates to multiple outlets.

The range of integrated water boosting systems are available with variable speed pump controls and designed to optimise space, while providing an extremely quiet, simple to install package for multiple applications.

IN-TANK booster systems

Variable speed 'IN-TANK' booster systems are available with 250–5000 litre cold water storage capacity, with flow rates up to 21 m³/h and heads up to 8 bar.

Integrated booster systems

This comprehensive range of combined break tank and booster pump systems are available with a wide range of water storage capacities and are designed to compliment specific duty requirements.

CAT 5 booster sets

CAT 5 back-flow prevention booster sets incorporating a 68 or 227 litre polypropylene break tank complete with a raised ball valve chamber with a weir overflow and an AB air gap. Larger GRP CAT 5 systems are available on request.

NEED ANOTHER OPTION?

Most installations can be satisfied from our standard range of products, however, if you need a more tailored solution, our unique manufacturing facility combined with our industry partnerships and technical expertise, means we can provide bespoke options specifically aimed at commercial and OEM markets.

Telephone: **+44 (0) 1977 801911** e-mail aquaboost@stuart-turner.co.uk or visit the contact us section of the Stuart Turner website to make an enquiry. www.stuart-turner.co.uk

INTRODUCING

COMMERCIAL MAINS BOOSTING

POWERING WATER PERFORMANCE

Low water pressure? No problem, Stuart Turner has the answer. The original solution to low mains water pressure and still the most cost effective, energy efficient option available.

Our water performance systems are specifically designed to dramatically improve flow rates to all direct on mains appliances.

They deliver improved performance from unvented water cylinders, combination boilers and high performance shower heads, allowing multiple outlets to run simultaneously, any time, every time.



MAINS BOOSTING

"Mains water boosting products from Stuart Turner provide a simple to install solution to the problem of low or intermittent mains water pressure, ensuring a boosted supply exactly where you need it, when you need it."

COMMERCIAL MAINS BOOSTING

MAINSBOOST Vertical

Designed for direct on mains systems (unvented cylinders and combination boilers) where mains pressure is greater than 2.0 bar but water flow is inadequate. MAINSBOOST™ is installed directly onto the incoming water supply and under mains pressure fills with water.

The CAD2 water chamber is surrounded by positive pre-charged air pressure sealed within the vessel. When the chamber is full the unit reaches a state of pressure equilibrium, meaning the water pressure and pre-charge pressure are balanced. The MAINSBOOST™ system now has a volume of pressurised water ready for distribution throughout the property.

- ▶ 100 – 2000 LITRE NOMINAL CAPACITY VESSEL OPTIONS
- ▶ OUTPUTFLOW RATES UP TO 80 LITRES/MIN PER VESSEL
- ▶ SILENT OPERATION
- ▶ MULTIPLE VESSEL CONFIGURATIONS



5 YEAR
WARRANTY

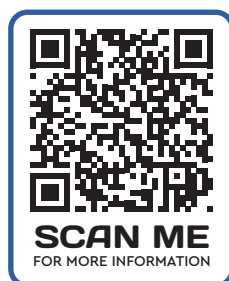


MAINSBOOST Horizontal

Specifically suited to properties where space and height is restricted, MAINSBOOST™ Horizontal systems are supplied with a purpose designed mounting cradle, making them easy to install in loft spaces or basements.

Maximum height 560 mm or 800 mm with Charger pump fitted.

- ▶ 200 AND 250 LITRE NOMINAL CAPACITY VESSEL OPTIONS
- ▶ OUTPUTFLOW RATES UP TO 80 LITRES/MIN PER VESSEL
- ▶ SILENT OPERATION
- ▶ MULTIPLE VESSEL CONFIGURATIONS



5 YEAR
WARRANTY



COMMERCIAL MAINS BOOSTING

MAINSBOOST Composite

MAINSBOOST™ Composite offers all the performance benefits of the standard MAINSBOOST™ range, housed in a composite vessel which is 30% lighter than the standard MAINSBOOST™ steel vessel.

Their lightweight composite body makes them easy to manoeuvre and install in places with difficult access and limited structural strength.

The unique construction of the MAINSBOOST™ Composite vessel ensures exceptional standards of water hygiene and makes them the preferred choice for healthcare facilities.

MAINSBOOST™ Composite vessels are WRAS Approved and come with a 5 year warranty.

- ▶ 100 – 450 LITRE NOMINAL CAPACITY VESSEL OPTIONS
- ▶ OUTPUT FLOW RATES UP TO 80 LITRES/MIN PER VESSEL
- ▶ SILENT OPERATION
- ▶ MULTIPLE VESSEL CONFIGURATIONS



SCAN ME

MAINSBOOST Site Survey

A few questions and checks at the outset of a project can make all the difference to selecting the right product for the job, minimising potential problems and ensuring customer satisfaction with their chosen product.

A copy of the standard site survey form is available on the Stuart Turner website or by scanning the QR code!

COMMERCIAL MAINS BOOSTING

MAINSBOOST iBOOST F200

Inadequate flow rates and water pressure? iBOOST offers a solution.

These fully integrated systems combine a 200 litre cold water storage tank and a high performance, multistage pump to overcome restricted water flow and insufficient pressure.

The iBOOST F200 features simple to operate fixed speed controls and is capable of generating pressures of up to 4.5 bar and flow rates of up to 100 litres per minute, typically operating at 60 litres per minute at 3.0 bar pressure.

- ▶ FIXED SPEED
- ▶ INTELLIGENT CONTROL
- ▶ UP TO 4.5 BAR PRESSURE
- ▶ OUTPUT FLOW RATE UP TO 100 LITRES/MIN
- ▶ COMPACT AND POWERFUL
- ▶ KIWA REG 4 & WRAS APPROVED PRODUCT



MAINSBOOST iBOOST V200

Inadequate flow rates and water pressure? iBOOST offers a solution.

The iBOOST V200 is capable of generating pressures of up to 4.5 bar and flow rates of up to 100 litres per minute, typically operating at 60 litres per minute at 3.0 bar pressure.

The V200 offers an advanced variable speed pump control system which enables the unit to supply a constant programmable water pressure as demand on the system fluctuates.

- ▶ VARIABLE SPEED
- ▶ INTELLIGENT CONTROL
- ▶ UP TO 4.5 BAR PRESSURE
- ▶ OUTPUT FLOW RATE UP TO 100 LITRES/MIN
- ▶ COMPACT AND POWERFUL
- ▶ KIWA REG 4 & WRAS APPROVED PRODUCT





THE ONLY MAINS BOOSTER YOU'LL EVER NEED.

MAINSBOOST MAINS BOOSTING SYSTEMS

MAINSBOOST systems deliver improved performance from unvented water cylinders and combination boilers. MAINSBOOST is designed to offer stored clean, potable cold water under pressure for all domestic applications where mains water is insufficient to offer consistent and reliable water services. Get help specifying a Mainsboost system at stuart-turner.co.uk/mainsboost-survey

[STUART-TURNER.CO.UK](https://stuart-turner.co.uk)

INTRODUCING

COMMERCIAL PRESSURISATION & EXPANSION VESSELS

NEXT GENERATION PRESSURE MANAGEMENT

Offering an unique design and advanced digital controls, our commercial range of digital pressurisation units represent the next generation of automatic filling and pressure maintenance solutions for sealed heating and chiller systems.

Capable of filling a system from empty and then monitoring and maintaining the design fill pressure, our digital pressurisation units are easy to install and commission and are housed in compact and robust enclosures suitable for floor or wall mounting.

Our pressurisation units feature intuitive, easy to use controls, self diagnostic functions and configurable volt-free contact alarm outputs.



PRESSURISATION

"Our pressurisation units offer the next generation of digital systems engineered and manufactured by Stuart Turner."

COMMERCIAL PRESSURISATION

MIKROFILL 3 digital pressurisation unit

The MIKROFILL 3 can fill any heating or chilled water system from empty and continuously manages system pressure.

Unlike pump type pressurisation units, the MIKROFILL 3 is designed to be connected directly to a buildings incoming mains/boosted water supply and fill a heating or chilled water system without the use of a pump.

It provides commercial back-flow protection without the need for a traditional RPZ valve and is compact and easy to install.

- ▶ UP TO 4.7 BAR COLD FILL PRESSURE
- ▶ COMPACT & EASY TO INSTALL
- ▶ WALL MOUNTED
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY
- ▶ WRAS APPROVED PRODUCT
- ▶ 2 YEAR WARRANTY



**4 YEAR
WARRANTY**

IF PURCHASED
AS PART OF A
PACKAGE.



MIKROFILL SPU Mini digital pressurisation units

Suitable for maintaining pressure in large domestic and small commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.

SPU Mini units are exceptionally easy to install and commission and are housed in a compact and robust enclosure suitable for wall mounting.

- ▶ UP TO 3.0 BAR COLD FILL PRESSURE
- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ WALL MOUNTED
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY
- ▶ AUTOMATED SYSTEM TOP-UP
- ▶ 2 YEAR WARRANTY



COMMERCIAL PRESSURISATION

MIKROFILL SPU Midi digital pressurisation units

Suitable for maintaining pressure in large domestic and commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.

SPU Midi units feature continuously rated brass peripheral pumps, are exceptionally easy to install and commission and are suitable for either floor or wall mounting.

- ▶ UP TO 4.1 BAR COLD FILL PRESSURE
- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ WALL MOUNTED
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY
- ▶ AUTOMATED SYSTEM TOP-UP
- ▶ 2 YEAR WARRANTY



MIKROFILL MAXI digital pressurisation units

Suitable for maintaining pressure in large domestic and commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.

MIKROFILL MAXI units are exceptionally easy to install and commission and are housed in a compact and robust enclosure suitable for wall or floor mounting.

- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ UP TO 8.5 BAR COLD FILL PRESSURE
- ▶ 18 LITRE TANK CAPACITY
- ▶ FLOOR OR WALL MOUNTED
- ▶ ROBUST POWDER COATED STEEL ENCLOSURE
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY



COMMERCIAL PRESSURISATION

AQUATECH PRESSMAIN Minipack pressurisation units

Our Minipack pressurisation units is suitable for maintaining pressure in large domestic and commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.

Equipped with a single pump, a basic display controller, and a volt-free contact for boiler cut-out during high pressure, it's designed for longevity. Running quietly and efficiently, it saves energy and assures reliability for peace of mind. Components are easily accessible for servicing and maintenance.

- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ UP TO 7.0 BAR COLD FILL PRESSURE
- ▶ WALL MOUNTED
- ▶ ROBUST POWDER COATED STEEL ENCLOSURE
- ▶ EASY ACCESS TO COMPONENTS



2 YEAR
WARRANTY



AQUATECH PRESSMAIN Aquapack AP pressurisation units

Our Aquapack AP Series of pressurisation units are designed to maintain the water pressure in heating and chilled water systems for domestic and commercial situations.

They have been designed ergonomically so there is no need to kneel when checking the controls, built to last and run quietly and efficiently to save energy. The connections can be supplied on the right hand side or the left hand side of the unit or a combination of the two in order to facilitate the installation.

- ▶ UP TO 14.0 BAR COLD FILL PRESSURE
- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ FLOOR OR WALL MOUNTED
- ▶ CAN BE DUAL PURPOSE FOR CHILLED & HEATING SYSTEM TOGETHER
- ▶ EASY ACCESS TO COMPONENTS
- ▶ DEGASSING VARIANTS AVAILABLE



2 YEAR
WARRANTY



DID YOU KNOW?

AQUAPACK DG VERSION INCLUDES A DEGASSER FOR OPTIMAL HEAT TRANSFER AND CORROSION PROTECTION.

COMMERCIAL PRESSURISATION

AQUATECH PRESSMAIN Spillpress SP2ET pressurisation units

Spillpress SP2ET Series, PED compliant, maintains water pressure in medium to large commercial systems. Operating with low-pressure hot system increase, it accommodates expanded water volume and refills as temperature decreases.

Utilizing near-atmospheric diaphragm spill vessels, it handles temperatures from 3°C to 120°C, with fill pressures from 0.8 to 8.0 bar. These floor-standing units, equipped with 2 pumps, ensure optimal performance, accommodating up to 87,000 liters.

- ▶ UP TO 8.0 BAR COLD FILL PRESSURE
- ▶ DUTY-STANDBY OPTIONS
- ▶ FLOOR MOUNTED
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY
- ▶ TEMPERATURES 3° TO 120°C



2 YEAR
WARRANTY



AQUATECH PRESSMAIN Aquaspill AS pressurisation units

Aquaspill AS Series, PED compliant, maintains water pressure in large commercial systems, including heat networks. Ensuring constant pressure, it adds or removes water seamlessly. Supplied with low-maintenance stainless steel spill tank(s) and options for passive or active buffer vessels, the series handles temperatures from 3°C to 200°C, a fill pressure of up to 25.0 bar, and virtually unlimited system content.

Equipped with multiple variable-speed pumps, options for single or multiple, manual or electronically operated, variable or fixed flow spill valve(s), the units are durable, quiet, and efficient, saving energy while being easy to service and maintain.

- ▶ NEAR ATMOSPHERIC SPILL TANK
- ▶ UP TO 25.0 BAR COLD FILL PRESSURE
- ▶ SUPPORTS UP TO 1,000,000 LITRES
- ▶ FLOOR MOUNTED
- ▶ STAINLESS STEEL TANK
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY



2 YEAR
WARRANTY



COMMERCIAL EXPANSION VESSELS

MIKROFILL MikroPro expansion vessels

Our complete range of expansion vessels are able to meet the requirements of almost any heating or chilled systems, with available models ranging from between 8 to 1000 litres capacity.

Models up to 25 litres are designed for wall mounting and models 35 litres and above to be floor standing.

- ▶ MAXIMUM OPERATING TEMPERATURE OF 70 °C
- ▶ MAXIMUM OPERATING PRESSURES OF BETWEEN 3-6 BAR
- ▶ THREADED CONNECTIONS
- ▶ DURABLE POWDER COATED FINISH
- ▶ FOR HEATING AND CHILLED WATER APPLICATIONS
- ▶ FACTORY PRE-SET PRESSURE
- ▶ PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC COMPLIANT



1 YEAR
WARRANTY



MIKROFILL MikroPro XP potable expansion vessels

Our complete range of potable expansion vessels are able to meet the requirements of almost any heating or chilled systems, with available models ranging from between 12 to 1000 litres capacity.

Models 50 – 500 litres have a replaceable diaphragm.

- ▶ MAXIMUM OPERATING TEMPERATURE OF 70 °C
- ▶ MAXIMUM OPERATING PRESSURES OF 10 BAR
- ▶ THREADED CONNECTIONS
- ▶ DURABLE POWDER COATED FINISH
- ▶ FOR HEATING, CHILLED AND POTABLE WATER APPLICATIONS
- ▶ FACTORY PRE-SET PRESSURE
- ▶ PRESSURE EQUIPMENT DIRECTIVE (PED) 97/23/EC COMPLIANT



1 YEAR
WARRANTY



COMMERCIAL DOSING POTS

MIKROFILL Dosing Pots

A range of wall mounted chemical dosing pots for the dosing of corrosion inhibitors or anti-freeze into closed heating or chilled water systems.

- ▶ SIMPLE AND SAFE TO OPERATE AND FLUSH CLEAN
- ▶ AISI 304 STAINLESS STEEL CONSTRUCTION
- ▶ ISOLATING BALL VALVES
- ▶ 10 BAR MAXIMUM WORKING PRESSURE
- ▶ COMPLIANT WITH THE PRESSURE EQUIPMENT DIRECTIVE (PED) 2014/68/EU



Need to calculate a systems Expansion Vessel Size?

Our Mikrofill Expansion Vessel Calculator simplifies the task of determining vessel specifications for commercial pressurisation systems. Crafted with user-friendliness in mind, this intuitive tool requires minimal expertise. Its straightforward interface allows professionals to effortlessly input system parameters and quickly obtain accurate recommendations. By eliminating unnecessary complexities, the calculator ensures that users, regardless of their technical background, can navigate and derive optimal solutions with ease.

Experience the simplicity and efficiency firsthand by accessing the tool at mikrofill-evc.wilxite.com. With Mikrofill, achieving precision in commercial pressurisation becomes straightforward.



INTRODUCING

COMMERCIAL HEATING & HOT WATER

RELIABLE WARMTH WHEN YOU NEED IT MOST

At Stuart Turner, we offer a comprehensive range of hot water and heating products that cater to the diverse needs of modern commercial buildings.

With a range of wall mounted chemical dosing pots for closed heating or chilled water systems. We also offer a large range of low loss headers that removes dirt and air from the heating system while improving the systems performance and efficiency.

With Stuart Turner, you can trust us to cover your heating and hot water requirements, providing quality products and exceptional customer satisfaction.



HEATING & HOT WATER

"Our comprehensive hot water and heating range at Stuart Turner offers innovative solutions that deliver reliable performance, exceptional efficiency, and ultimate comfort, meeting the diverse needs of modern commercial buildings with unparalleled expertise."

COMMERCIAL HEATING & HOT WATER

MIKROFILL Dosing Pots 3.5 to 50L

A range of wall mounted chemical dosing pots for the dosing of corrosion inhibitors or anti-freeze into closed heating or chilled water systems.

Simple and safe to operate and to flush clean. All connections to the system can be isolated by the ball valves. All dosing pots comply with the pressure equipment directive (PED) 2014/68/EU

- ▶ SIZES FROM 3.5 TO 50 LITRES
- ▶ 3/8" BSP BALL VALVE
- ▶ ALL PIPE CONNECTIONS ARE 1" BSP
- ▶ AISI 304 STAINLESS STEEL FABRICATED VESSEL WITH WELDED CONSTRUCTION AND TUNDISH
- ▶ 10 BAR MAXIMUM WORKING PRESSURE
- ▶ 90°C MAXIMUM OPERATING TEMPERATURE



COMMERCIAL HEATING & HOT WATER

MIKROFILL Mikrovent Low Loss Headers

As water impinges on the spiral wound brushes a low pressure area is created behind each filament of the brush, this forces any dissolved gases to be released.

The use of two removable stainless steel brushes ensures that any dissolved gases within the system are removed by the lower brush, whilst gases entrained in the boiler header system are released by the upper brush. These gases then rise to the top of the unit and are expelled by the automatic air vent. Mikrovent headers are available to suit connected loads of 150, 250, 400, 750 and 1000 kW.

All in all the Mikrovent is a worthwhile addition to any new or refurbished commercial heating or chilled water system.

- ▶ SUITABLE FOR CONNECTED LOADS OF UP TO 1000 KWS
- ▶ IMPROVES HEATING SYSTEM PERFORMANCE AND EFFICIENCY
- ▶ REMOVES DIRT AND AIR FROM THE HEATING SYSTEM
- ▶ TWO REMOVABLE STAINLESS STEEL BRUSHES
- ▶ AUTOMATIC AIR VENT



INTRODUCING

COMMERCIAL CIRCULATOR PUMPS

NEVER MISS A BEAT

Our commercial range of heating and hot water circulators offer an innovative, energy efficient and competitive alternative. The range features the latest in high efficiency technology, with proportional pressure control and an EEI rating from just 0.18.

Our circulators are an ideal replacement for a range of Grundfos, Wilo and Dab models and are ErP/EuP compliant.



CIRCULATORS

"Our range of hot water and heating circulators, heating products, water conditioners and general purpose pumps offer a high quality and reliable solution for a range of boosting applications."

COMMERCIAL CIRCULATOR PUMPS

STUART PULSE cast iron circulators

STUART PULSE cast iron circulators are used for the transfer of water within systems for hot-water heating, air-conditioning and ventilation.

They are available either as a single or twin variable speed pump, designed to constantly monitor and regulate pressure and flow and adjust according to the set pump mode.

- ▶ HIGH EFFICIENCY EEI RATING FROM 0.20
- ▶ FLOW RATES UP TO 12 M³
- ▶ UP TO 12 M HEAD
- ▶ INSULATION SHELL AS STANDARD
- ▶ FIXED AND PROPORTIONAL PRESSURE CONTROL
- ▶ 5 OPERATING MODES INCLUDING AUTOMATIC MODE
- ▶ NIGHT SET BACK FEATURE



2 YEAR
WARRANTY

STUART PULSE cast iron flanged circulators

STUART PULSE cast iron flanged circulators are ideal for hot and cold water transfer with in-line connections directly within systems for hot-water heating, air-conditioning and ventilation.

They are available in either single or twin variable speed options, designed to constantly monitor and regulate pressure and flow and adjust according to the set pump mode.

- ▶ HIGH EFFICIENCY EEI RATING FROM 0.20
- ▶ FLOW RATES UP TO 12 M³
- ▶ UP TO 12 M HEAD
- ▶ INSULATION SHELL AS STANDARD
- ▶ FIXED AND PROPORTIONAL PRESSURE CONTROL
- ▶ 5 OPERATING MODES INCLUDING AUTOMATIC MODE
- ▶ NIGHT SET BACK FEATURE



2 YEAR
WARRANTY



COMMERCIAL CIRCULATOR PUMPS

STUART PULSE bronze secondary circulators

STUART PULSE bronze circulators feature a robust bronze pump housing and are ideal for the transfer of liquid within systems for hot-water heating, air-conditioning and ventilation.

These pumps feature variable speed controls to constantly measure pressure and flow and adjust the speed according to the set pump mode.

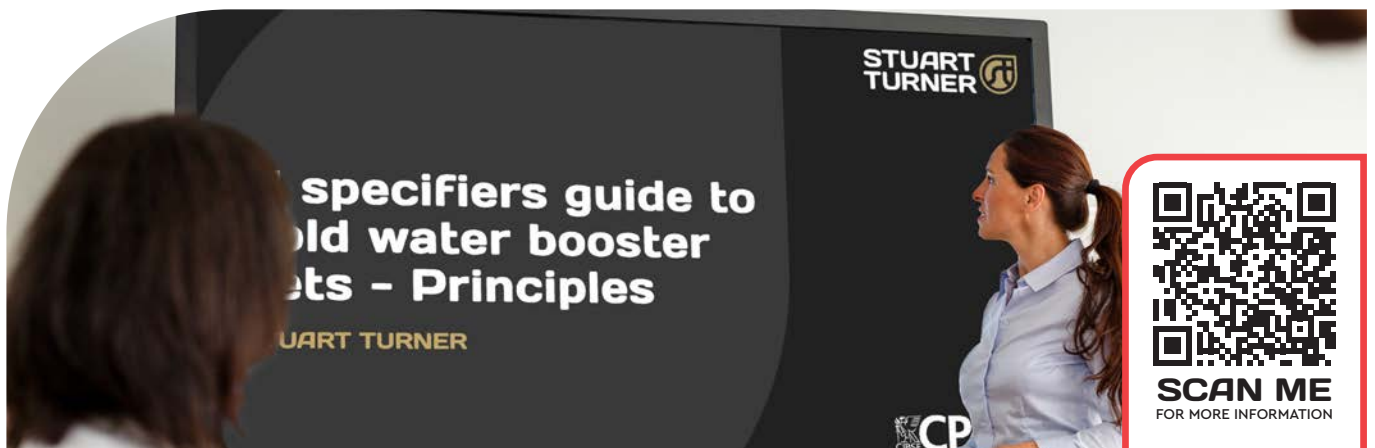
- ▶ HIGH EFFICIENCY EEI RATING FROM 0.20
- ▶ FLOW RATES UP TO 12 M³
- ▶ UP TO 12 M HEAD
- ▶ INSULATION SHELL AS STANDARD
- ▶ 5 OPERATING MODES INCLUDING AUTOMATIC MODE
- ▶ NIGHT SET BACK FEATURE
- ▶ FIXED AND PROPORTIONAL PRESSURE CONTROL



Did you know? We offer CIBSE Accredited CPD training

At Stuart Turner, we pride ourselves on providing a range of fully CIBSE accredited CPD training sessions tailored to meet industry standards and advancements. These sessions are meticulously crafted to enhance professional development, ensuring participants stay abreast of the latest trends, technologies, and best practices.

If you're keen on organising one or more of these CPD modules for yourself or your team, we invite you to take the next step. Simply complete our booking form at stuart-turner.co.uk/support/cpd-training. Upon receipt, our team will promptly liaise with you to finalise the specifics, ensuring a seamless and enriching learning experience for all involved.



INTRODUCING

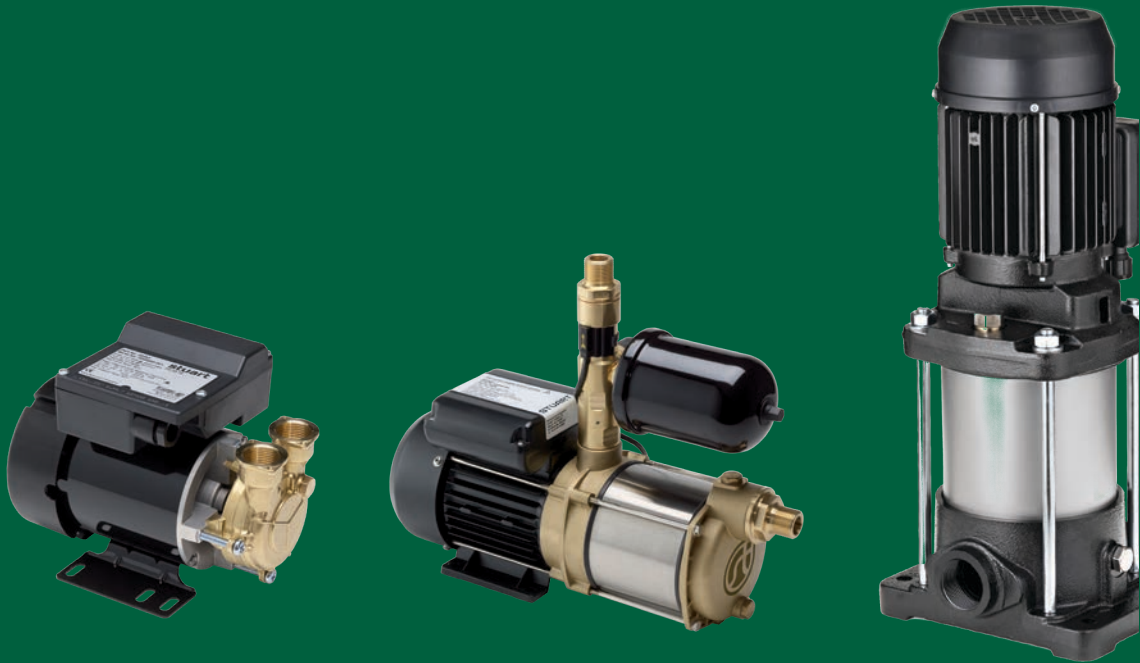
COMMERCIAL GENERAL PURPOSE PUMPS

BUILDING TRUST, ONE PUMP AT A TIME

At Stuart Turner, our general-purpose pumps embody versatility, durability, and reliability. Crafted to excel across various industries, our pumps deliver efficient performance and seamless installation. Our commitment to excellence is evident in the robust construction and high-quality materials used, ensuring corrosion resistance and long-lasting operation.

We prioritize optimizing flow rates while minimizing energy consumption, resulting in cost-effective and eco-friendly performance. Maintenance is made effortless with user-friendly design, clear instructions, and accessible components, reducing downtime and enhancing productivity.

As a trusted brand, Stuart Turner remains dedicated to providing top-notch pumps that fulfill the diverse needs of our valued customers.



GENERAL PURPOSE PUMPS

"Stuart Turner provides versatile, durable, and reliable pumps for diverse applications. Our pumps offer efficient performance, easy installation, and eco-friendly operation. With user-friendly design and maintenance, customer satisfaction is always a priority."

COMMERCIAL GENERAL PURPOSE PUMPS

STUART CH centrifugal pumps

The STUART CH range of pumps are available in single or multistage, along with automatic flow switch, Boostamatic pressure switch and pressure set options making them suitable for a variety of domestic and commercial applications.

- ▶ VERSATILE APPLICATIONS
- ▶ EFFICIENT PERFORMANCE
- ▶ COMPACT DESIGN
- ▶ ROBUST CONSTRUCTION
- ▶ QUIET OPERATION
- ▶ EASY INSTALLATION AND MAINTENANCE
- ▶ MULTIPLE MODEL OPTIONS

2 YEAR
WARRANTY



STUART PH peripheral pumps

The STUART PH range is particularly suitable where space is at a premium in domestic or commercial applications to pump hot or cold water. Designed to provide a pressurised water supply from a break tank.

- ▶ VERSATILE APPLICATIONS
- ▶ EFFICIENT PERFORMANCE
- ▶ COMPACT DESIGN
- ▶ ROBUST CONSTRUCTION
- ▶ QUIET OPERATION
- ▶ EASY INSTALLATION AND MAINTENANCE
- ▶ MULTIPLE MODEL OPTIONS

2 YEAR
WARRANTY



COMMERCIAL GENERAL PURPOSE PUMPS

STUART EXVM Series pumps

A range of nominal flow horizontal multistage pumps featuring a compact, close-coupled design and heavy duty oversized motor shaft.

Featuring AISI 304 stainless steel pump head construction, these robust and durable pumps are available in single phase and three phase options.

Capable of flow rates up to 14m³/h and models available providing up to 90.5 metres head, these pumps are suitable for use in a wide range of water boosting applications.

- ▶ HEAVY DUTY OVERSIZED MOTOR SHAFT
- ▶ SINGLE AND THREE PHASE OPTIONS
- ▶ CONTINUOUSLY RATED INDUCTION MOTOR
- ▶ COMPACT, CLOSE-COUPLED DESIGN
- ▶ FLOW RATES UP TO 14 M³/H
- ▶ HEADS UP TO 90.5 METRES
- ▶ EASY MAINTENANCE



1 YEAR
WARRANTY

Did you know? We have Data Sheets for all of our products

At Stuart Turner, ensuring transparency and accessibility is paramount. For each of our commercial products, we meticulously compile comprehensive data sheets. These sheets offer detailed specifications, performance metrics, and essential information to aid our clients in making informed decisions. Recognizing the convenience of our clientele, we have centralised these resources on our official website. You can effortlessly access and download these data sheets at your convenience.

Simply visit stuart-turner.co.uk/support/downloads to explore the wealth of information available. We remain committed to facilitating a seamless experience, prioritizing clarity, and empowering our customers with knowledge.



INTRODUCING

COMMERCIAL WATER CONDITIONERS & TREATMENT

CRYSTAL CLEAR WATER STARTS HERE

Our highly effective magnetic and catalytic scale reducers and water conditioners for commercial applications.

The catalytic process treats the water supply as it is used and causes the calcium carbonate to precipitate into microscopic crystals. These crystals then float in suspension in the water without adhering to any surfaces, ensuring that shower heads or appliances do not scale up and remain easy to clean whilst maintaining maximum shower head flow.



WATER CONDITIONERS

"Our commercial scale reducers and water conditioners are highly effective at preventing scale buildup and maintaining optimal water flow for easy cleaning and enhanced performance."

COMMERCIAL WATER CONDITIONERS

STUART Catalytic water conditioners

WRAS approved and designed to ensure limescale prevention in domestic properties, including water outlets and household appliances. The STUART range of Water Conditioners offer a solution to match the typical water flow from the cold water mains to the property and are simply installed in-line with the existing pipework and are completely maintenance free and warrantied for 10 years.

The catalytic process treats the water supply as it is used and causes the calcium carbonate to precipitate into microscopic crystals. These crystals then float in suspension in the water without adhering to any surfaces, ensuring that shower heads or appliances do not scale up and remain easy to clean whilst maintaining maximum shower head flow.

- ▶ CATALYTIC CONDITIONERS
- ▶ OPTIMUM FLOW RATES FROM 3 – 75 LITRES / MIN
- ▶ SIMPLE IN-LINE INSTALLATION
- ▶ MAINTENANCE FREE
- ▶ 10 YEAR WARRANTY
- ▶ WRAS APPROVED



STUART Catalytic-magnetic water conditioners

Developed specifically for commercial and industrial applications, the Stuart Water Conditioner CM combines a unique catalytic alloy core with an array of powerful magnets to effectively prevent hard limescale deposits from forming.

Available in a range of sizes optimised to meet the flow rate requirements of commercial properties, industrial plant and processes, they offer a maintenance free solution and are simply installed in-line with the existing pipework.

- ▶ CATALYTIC – MAGNETIC CONDITIONERS
- ▶ FLOW RATES UP TO 1260 LITRES / MIN
- ▶ SIMPLE IN-LINE INSTALLATION
- ▶ MAINTENANCE FREE
- ▶ 10 YEAR WARRANTY





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Our available CPD Courses:

- ▶ A SPECIFIERS GUIDE TO COLD WATER BOOSTER SETS (INTRODUCTION)
- ▶ A SPECIFIERS GUIDE TO COLD WATER BOOSTER SETS (SYSTEM SPECIFICATION)
- ▶ FILLING OF COMMERCIAL HEATING AND CHILLED WATER SYSTEMS
- ▶ MORE COURSES COMING SOON...



OUR SOLUTIONS #POWERING WATER

BOOSTER SETS & COLD WATER STORAGE

A comprehensive range of cold water booster sets and integrated booster systems.

- ▶ Advanced variable speed pump controls
- ▶ High performance vertical and horizontal pump options
- ▶ Bespoke system design capability



PRESSURISATION & EXPANSION VESSELS

Sealed system pressurisation units and expansion vessels representing the ultimate in design and system control.

- ▶ Fully automated
- ▶ Advanced digital controls
- ▶ Compact and simple to install



MAINS BOOSTING

Mains water boosting solutions designed to dramatically improve water pressure and flow rates.

- ▶ Improved unvented water cylinder, combi boiler and shower performance
- ▶ Enables multiple outlets to run simultaneously



SHOWER PUMPS

Water pressure and flow boosting pumps for gravity / open-vented systems.

- ▶ High quality brass or plastic pump head options
- ▶ Single and twin pump head options
- ▶ Fully automatic operation



GENERAL PURPOSE WATER PUMPS

A diverse range of general purpose water pumps for transfer and boosting applications.

- ▶ Water transfer
- ▶ Water pressure and flow boosting
- ▶ Fully submersible options



WATER CONDITIONERS & TREATMENT

Highly effective magnetic and catalytic scale reducers and water conditioners for residential and commercial applications.

- ▶ Reduced hard scale build up
- ▶ Maintenance free
- ▶ Simple installation



HEATING & HOT WATER

Hot water cylinders for residential & commercial hot water and heating systems, dosing pots for commercial systems.

- ▶ Pressurised hot water cylinders
- ▶ Residential / Commercial Applications
- ▶ Dosing Pots



CIRCULATOR PUMPS

High efficiency circulator pumps for residential and commercial heating, air conditioning, cooling and potable water applications.

- ▶ High efficiency, energy saving
- ▶ Advanced digital controls
- ▶ Multiple operating modes



MACERATORS & WASTE WATER PUMPS

A variety of products to simply and efficiently remove waste water.

- ▶ Low profile macerators
- ▶ Lifting stations
- ▶ Boiler condensate pumps



ACCESSORIES, SPARES & SERVICE KITS

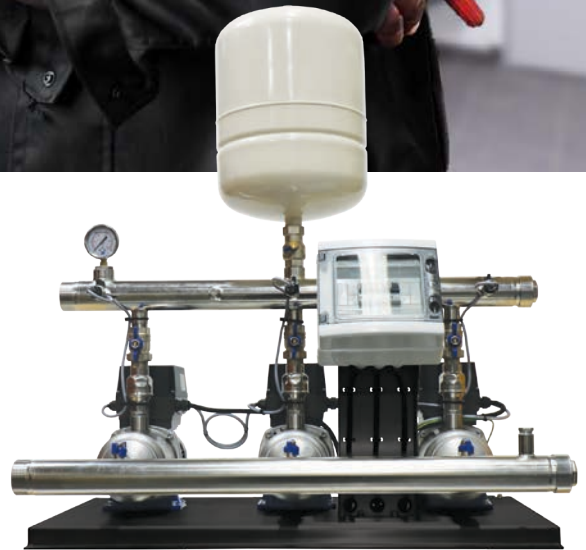
An extensive range of accessories, service kits and spare parts.

- ▶ Pump control units
- ▶ Hot water cylinder flanges
- ▶ Mains water pressure and flow test kits
- ▶ Service kits and spares





REVITALISE YOUR SYSTEM.



STUART TURNER SERVICING SOLUTIONS

Regular maintenance of your commercial HVAC is not only a good way to ensure reliability, it may also be a statutory requirement. We offer a range of Scheduled Maintenance Agreements (SMA) tailored to the individual requirements of our customers.

Client benefits to having a Scheduled Maintenance Agreement (SMA) include:

- ▶ 24/7/365 EMERGENCY BREAKDOWN COVER
- ▶ UP TO 3 YEARS FIXED FEE CONTRACTS
- ▶ PREFERENTIAL HOURLY RATES
- ▶ IMPROVED EQUIPMENT RELIABILITY

Contact service@agmservice.co.uk for more information.

STUART-TURNER.CO.UK



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POWERING WATER FOR EVERY APPLICATION

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