

**STUART
TURNER**



ENGINEERED TO EXCEL

pump solutions





A name you can trust

When you choose a Stuart Turner product you are investing in a name you can trust to deliver quality, design innovation, value for money and industry leading service.



History

Established in 1906 and still operating from the same site based in Henley-on-Thames, England, Stuart Turner has gained over 100 years of engineering experience. During this time we have achieved an enviable market leading reputation both in UK and International markets.



Quality

The Stuart Turner name is synonymous with quality and we continually strive to build and improve on this hard earned reputation. Our pumps are factory tested, meet stringent electrical regulations and are designed and manufactured within our ISO 9001 quality controlled facility.



Innovation

Our continual investment in engineering experience and manufacturing capability has kept us at the forefront of design technology and product innovation. Stuart Turner products offer the greatest value for money by being the most efficient, reliable and safest products available on the market today.



Service

Stuart Turner is renowned for its high level of customer service. This is further enhanced by our dedicated team of technical experts PumpAssist, who are available to provide help and guidance on any aspect of product selection or offer technical advice.

pumpassist
HELPLINE +44 (0) 800 31 969 80

Stuart Turner brands

Stuart Turner offer an extensive range of pump solutions catering for almost every application, from domestic water boosting and waste water removal, to a broad range of pumps for a variety of commercial applications.

Our brands are specifically designed and developed to provide a comprehensive range of solutions for applications in both domestic and commercial markets. To help you choose the correct pump a summary of our brands and their main applications are listed below.



monsoon

shower, bathroom & whole house

Premium quality high performance brass pumps designed to boost water pressure in multiple applications from a tap, shower, complete bathroom or the whole property.

pages 8 - 11

MONSOON



showermate

shower & bathroom

High quality plastic pumps providing a cost effective solution to boost the performance of a single shower or multiple outlets within a bathroom.

pages 12 - 19

SHOWERMATE



flomate

mains boost

Premium quality patented brass pumps designed to boost low or intermittent incoming mains water pressure across a wide range of domestic and light commercial applications.

pages 24 - 35

FLOMATE



wasteflo

waste water removal

Waste water pumping solutions designed to quietly and efficiently remove waste water in domestic and light commercial applications.

pages 36 - 45

WASTEFL0



stuart

commercial pumps

A diverse offer of over sixty pumps from seven ranges to suit a variety of commercial applications, with bespoke options available for more specialised applications.

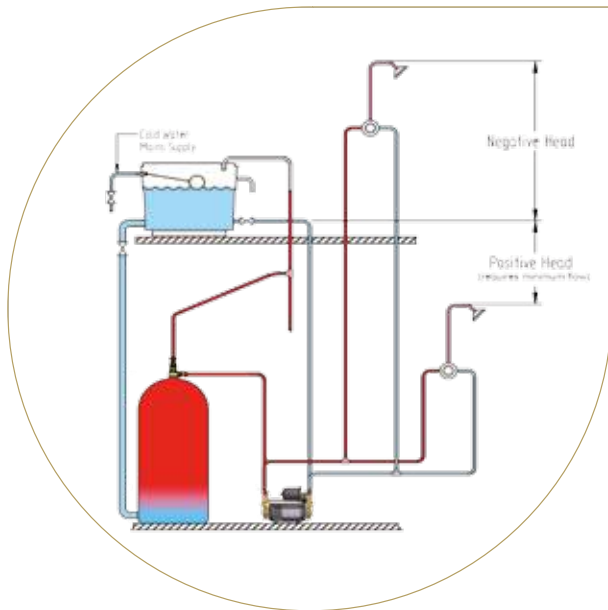
pages 46 - 63

STUART

Systems, pressure and pump types explained

Vented System (Gravity Fed)

Typically used in older properties, this indirect system uses the mains water supply to feed a cold water storage tank, usually located in the roof space, which in turn feeds a hot water cylinder and cold outlets. The system relies on gravity to provide the pressure and flow.



Unvented System (Mains Pressure)

More common in newer properties, this system uses the mains water supply to directly feed a combination boiler or pressurised hot water cylinder. The system performance is dependent on the incoming mains pressure to the property, which may be low or intermittent.

Positive Head Systems

A positive head system exists when sufficient pressure is available under gravity to provide a flow at the outlet. Typically a positive head condition exists where the flow from the outlet is more than 1 litre/min.

Negative Head Systems

A negative head system exists when there is inadequate pressure or head of water under gravity to provide a sufficient flow at the outlet. Typically a negative head condition exists where the flow from the outlet is less than 1 litre/min.

Pressures

Pumps for vented (gravity) systems are rated in bar, which is a measure of how much pressure they generate but it helps to know the height of the cold water cistern above an outlet as this dictates the static water pressure. For example, 1 bar pressure is equal to 10 metres static head of water. Generally the higher the bar rating the higher the performance. However it is important to match the correct size

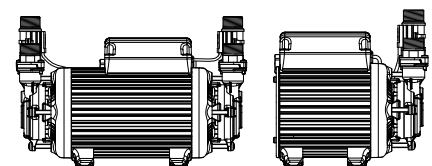
of pump with the application to ensure optimum performance.

The following can be used as a guide:

- 1.0 bar pressure = Low boost
- 1.5 – 3.0 bar pressure = Medium boost
- 3.0 bar pressure + = High boost

Twin and Single pumps

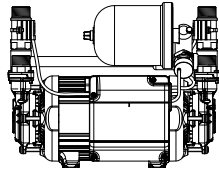
Twin pumps are designed to boost both hot and cold water supplies equally. Single pumps are designed to boost single water supplies; hot, cold or pre-mixed.



Properties within the UK generally use two types of plumbing systems, understanding these is the first step to ensuring you select the correct pump solution for your property.

Universal Pumps

Operate in positive or negative head conditions and do not require a gravity flow to start, incorporating both a pressure and flow switch. The pump starts automatically when the pressure switch detects a drop in pressure when an outlet opens. The flow switch keeps the pump running whilst there is sufficient flow of water. When the flow stops, the pump continues to run for 3 seconds allowing the system to re-pressurise.

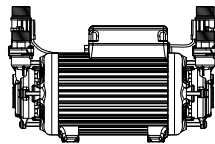


Peripheral Pumps

In a peripheral pump water is circulated and gains pressure around the periphery of the pump head. Peripheral pumps are compact and system friendly as they tolerate high hot water temperatures and air within the system to a greater extent than an equivalent centrifugal pump. They are ideal for applications where higher pressures with nominal flows are required.

Standard Pumps

Standard pumps operate under positive head conditions only. A standard pump is operated by a flow switch, automatically starting when a gravity flow of water greater than 0.6 - 1.0 ltrs/min (depending on the pump model) through the outlet is detected. The pump will automatically stop when the outlet is closed and the flow ceases.

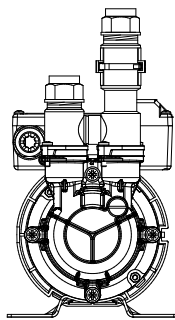


Centrifugal Pumps

A centrifugal pump draws water into the center of the impeller where rotation throws the water out under force to generate pressure. Centrifugal pumps are designed to produce good flow at nominal pressure. Higher pressures are achieved by using multiple impellers within the same pump head, where the pressure generated by the first impeller is fed into a second impeller and so on, this is called staging. Larger Centrifugal pumps are therefore termed as multistage.

Mains Boost Pumps

Suitable for unvented systems and designed to be connected directly to the incoming mains water supply where there is low or intermittent mains water pressure. Mains boost pumps provide additional pressure and flow to multiple outlets simultaneously within a property, including unvented boilers. Mains boost pumps must be approved by WRAS and comply with UK water regulations.



Automatic Flow Switch and Boostamatic Pressure Switch

Automatic flow switch pumps provide a constant water supply from a break tank, these units rely on gravity flow to activate. Features include fully automatic control with dry run protection.


Boostamatic pressure switch pumps provide a fully automated pressurised water supply.

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

monsoon | showermate

Our Monsoon and Showermate pump ranges offer water boosting solutions for vented (gravity fed) systems.



“Stuart Turner Ltd has long been recognised by the industry for its engineering excellence and works alongside many of the nation’s recognised shower and tap manufacturers. As a result, Stuart Turner offers the perfect pump solution for every domestic application.”

www.stuart-turner.co.uk

powering pump performance

Want an invigorating shower or need to boost multiple appliances within a bathroom?

Stuart Turner offers a variety of pumps to boost water performance in any domestic application, from the whole house to a single shower or tap.

Solving poor water performance

The majority of properties within the UK typically feature a traditional 'open-vented' hot water system which usually has a cold water cistern located in the loft space and a hot water storage cylinder situated in an airing cupboard. Therefore, the resulting pressure of water supplied to the household relies on gravity – essentially the height of the cold water cistern above any water outlets such as taps, baths and showers.

The resulting water pressure at a shower outlet may be as little as 0.1 bar. This is the pressure resulting from an approximate '1 metre head' (the height difference between the shower head and the base of the cold water cistern) and is unlikely to provide a satisfying shower.

The solution is very straight forward. The installation of a pump, either to an individual tap or shower, or in some cases to the entire property can make a huge difference to the performance of all the water outlets.



Choosing the correct pump

Firstly it is important that the pump can deliver. It is essential that the selected pump has the correct performance to supply even at the most demanding times. The assumption often made is that the biggest, highest performance pump will be the best. This is not always the case, as an over-specified pump will use more water and generate more noise than is necessary.

Secondly, it must be reliable. The Monsoon and Showermate pump brands are renowned for their quality and reliability and are supplied with lengthy guarantees. 5 years in the case of Monsoon.

A further consideration is that many mixer taps and showers are designed for use with 'high pressure' water systems and

a typical gravity fed system simply will not generate enough pressure for them to operate effectively, significantly limiting product choice. The installation of a water boosting pump will enable the selection and installation of a wider choice of taps and showers.



Stuart Turner pumps are available in two basic types; 'Standard' and 'Universal'. A 'Standard' type is suitable for any 'positive head' application which is where there is sufficient flow of water from an outlet, such as a tap or shower, under gravity.



A 'negative head' exists where the flow of water under gravity is extremely low or nonexistent. In these situations a 'Universal' pump type should be specified.

Pump options to suit your budget

Stuart Turner offers an extensive range of high quality shower and whole house water pressure boosting pumps. Each product range offers a variety of pressure outputs, from 1.5 - 4.5 bar, along with a choice of single or twin head pump options and variants suitable for both positive and negative head installations.

These options make them suitable for a range of applications and budgets.



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

monsoon

Monsoon offers the most comprehensive range of premium quality brass peripheral pumps available on the market.

Its wide range means that it is capable of boosting water pressure for a host of domestic and light commercial applications from a single tap or shower, to a complete bathroom or the whole property.

Monsoon is the benchmark for performance, quality and reliability and is supported with an industry leading 5 year guarantee across the range.

Every component within the Monsoon range has been designed to enhance the high levels of performance, quality and reliability.

Monsoon's brass bodied construction is suitable for a wide range of applications.

Whole house
Complete bathroom
Shower
Tap
Mixer tap

Performance without compromise

Features and benefits

Performance

- 1.5 to 4.5 bar performance options
- Positive or negative head options
- Twin or single
- Quiet operation*
- System friendly peripheral design
- Fully automatic switching
- Dry run protection
- Continuously rated

Quality

- Built-in safety – low voltage controls
- WRAS Approved
- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 5 year guarantee
- Robust brass construction
- Extended life seal
- Integral strainer
- Service kit available

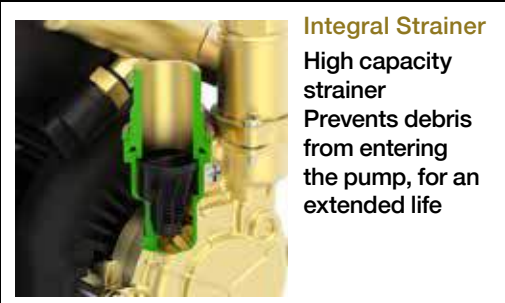
Monsoon pumps are supplied with 300 mm anti-vibration flexible hoses with integral isolation valves, G $\frac{3}{4}$ threaded connections to the pump, 22 mm push-fit to pipework,** anti-vibration feet and pre-wired for ease of installation.



Peripheral Design
Pressure efficient
Compact size
System friendly,
reduces potential
to airlock



Automatic Flow Switch
Automatically starts the pump when flow exceeds 0.6 litres/min (Standard & Universal)



Integral Strainer
High capacity strainer
Prevents debris from entering the pump, for an extended life



Automatic Pressure Switch
Automatically stops the pump and re-pressurises the system (Universal)



Mechanical Seal
EPDM/PTFE/
Al.Oxide seal
Extended life



Flexible Hoses
300 mm anti-vibration flexible hoses with integral isolating valves G $\frac{3}{4}$ threaded connections to pump 22 mm push fit to pipework. **



* Independently tested - 3.0 bar Monsoon Standard Twin rated quieter than competitor's equivalent models.

** Hose connections may vary according to country. For further information please see the technical data sheet available to view on our website: www.stuart-turner.co.uk/downloads

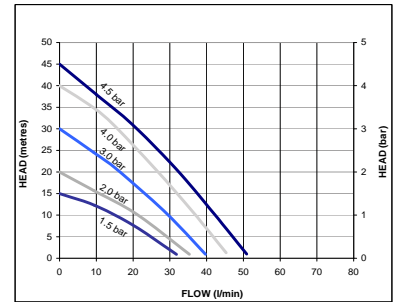
Full technical data sheets are available to download:
www.stuart-turner.co.uk



Monsoon **Universal Twin**

Universal Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies boosting both equally. Suitable for both positive and negative head applications.

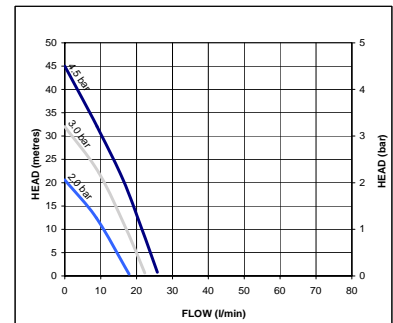
Part No	Model
46505	U1.5 bar Twin
46480	U2.0 bar Twin
46410	U3.0 bar Twin
46411	U4.0 bar Twin
46412	U4.5 bar Twin



Monsoon **Universal Single**

Universal Single pumps can be used in pairs to boost vented systems to pump hot and cold water supplies independently, or as a single pump to boost a water supply as required. Suitable for both positive and negative head applications.

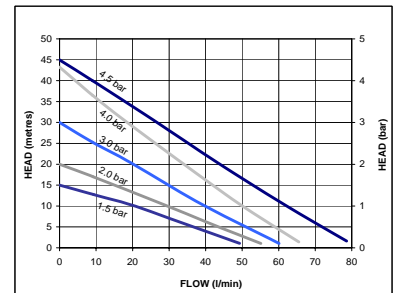
Part No	Model
46498	U2.0 bar Single
46413	U3.0 bar Single
46414	U4.5 bar Single



Monsoon **Standard Twin**

Standard Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies - boosting both equally. Suitable for positive head applications only.

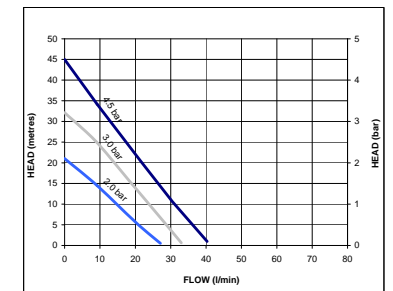
Part No	Model
46506	S1.5 bar Twin
46415	S2.0 bar Twin
46416	S3.0 bar Twin
46417	S4.0 bar Twin
46418	S4.5 bar Twin



Monsoon **Standard Single**

Standard Single pumps are ideal for boosting a water supply in vented systems. Suitable for positive head applications only.

Part No	Model
46497	S2.0 bar Single
46419	S3.0 bar Single
46420	S4.5 bar Single



whole house, bathroom, shower

For application guidance
see pages 20-23

monsoon



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting
the correct pump call:

pumpassist

HELPLINE +44 (0) 800 31 969 80

showermate

Showermate provides a range of high quality, high performing, water boosting pumps suitable for multiple applications within a bathroom.

Designed to boost the performance of shower and tap outlets within a bathroom. The range is suitable for positive and negative head applications and all Showermate pumps are simple to install, and are very quiet in operation.

Every component of the high quality, plastic **Showermate range** has been designed to provide quality and reliability at a competitive price.

The high quality Showermate range of pumps are suitable for many bathroom applications.

Complete bathroom
Shower
Tap
Mixer tap

Economy without compromise

Features and benefits

Performance

- 1.8 to 2.6 bar performance options
- Positive or negative head options
- Twin or single
- Quiet operation
- System friendly peripheral design
- Automatic switching
- Dry run protection
- Continuously rated

Quality

- WRAS Approved
- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 3 year guarantee
- Durable plastic construction
- Extended life mechanical seal

Showermate pumps are supplied with 200 mm anti-vibration flexible hoses with integral isolation valves, G $\frac{3}{4}$ threaded connections to the pump, 15 mm push-fit to pipework, anti-vibration feet and pre-wired for ease of installation.



Peripheral Design

- Pressure efficient
- Compact size
- System friendly, reduces potential to airlock



Mechanical Seal

- EPDM/PTFE/Al.Oxide seal
- Extended life



Automatic Flow Switch

- Automatically starts the pump when flow exceeds 0.8 litres/min (Standard & Universal)



Automatic Pressure Switch

- Automatically stops the pump and re-pressurises the system (Universal)



Flexible Hoses

- 200 mm anti-vibration hoses with integral isolating valves
- G $\frac{3}{4}$ threaded connections to pump, 15 mm push-fit to pipework



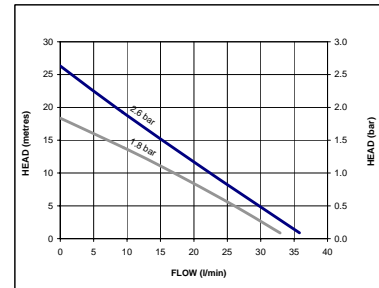
Full technical data sheets are available to download:
www.stuart-turner.co.uk



Showermate **Universal Twin**

Universal Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies boosting both equally. Suitable for both positive and negative head applications.

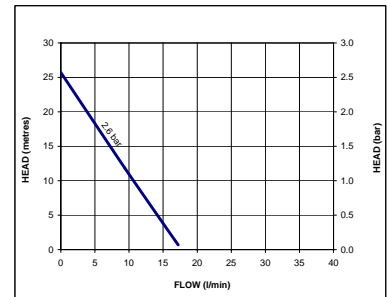
Part No	Model
46532	U1.8 bar Twin
46533	U2.6 bar Twin



Showermate **Universal Single**

Universal Single pumps can be used in pairs to boost vented systems to pump hot and cold water supplies independently, or as a single pump to boost a water supply as required. Suitable for both positive and negative head applications.

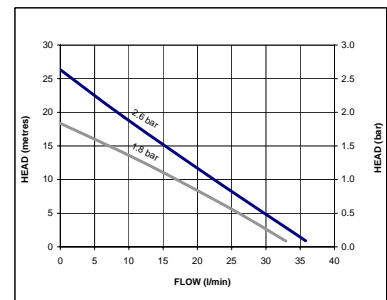
Part No	Model
46534	U2.6 bar Single



Showermate **Standard Twin**

Standard Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies - boosting both equally. Suitable for positive head applications only.

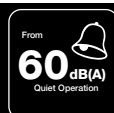
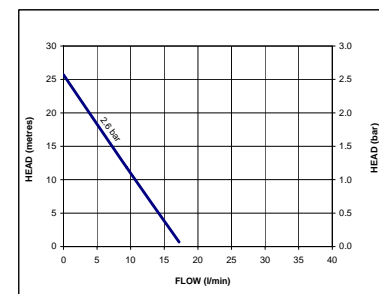
Part No	Model
46407	S1.8 bar Twin
46431	S2.6 bar Twin



Showermate **Standard Single**

Standard Single pumps are ideal for boosting a water supply in vented systems. Suitable for positive head applications only.

Part No	Model
46429	S2.6 bar Single



bathroom, shower, tap

For application guidance
see pages 20-23

showermate



Full technical data sheets are available to download:
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For further advice on selecting
the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

showermate eco

Showermate eco is the ideal solution to boost the performance of single shower and tap applications.

Showermate eco provides a compact, cost effective pump yet despite it's size, still produces an invigorating shower. As with all Stuart Turner products Showermate eco pumps are simple to install and very quiet in operation.



The high quality, plastic construction of the **Showermate eco range** has been designed to provide quality and reliability at a competitive price.

Showermate eco provides a compact entry level pump suitable for single application use.

Shower
Tap
Mixer tap

Economy without compromise

Features and benefits

Performance

- 1.5 to 2.0 bar performance options
- Positive head
- Twin or single
- Quiet operation*
- System friendly peripheral design
- Automatic switching
- Dry run protection

Quality

- WRAS Approved
- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 3 year guarantee
- Durable plastic construction
- Extended life mechanical seal

Showermate pumps are supplied with 200 mm anti-vibration flexible hoses with integral isolation valves, G $\frac{3}{4}$ threaded connections to the pump, 15 mm push-fit to pipework, anti-vibration feet and pre-wired for ease of installation.



Peripheral Design
Pressure efficient
Compact size
System friendly,
reduces potential
to airlock



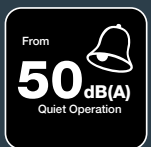
Automatic Flow Switch
Automatically
starts the pump
when flow
exceeds
0.8 litres/min
(Standard &
Universal)



Mechanical Seal
EPDM/PTFE/
Al.Oxide seal
Extended life



Flexible Hoses
200 mm anti-
vibration hoses
with integral
isolating valves
G $\frac{3}{4}$ threaded
connections to
pump, 15 mm
push fit to pipe
work



* Independently tested - 1.5 and 2.0 bar Showermate eco Twin rated quieter than competitor's equivalent models.

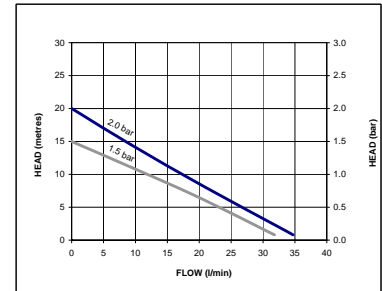
Full technical data sheets are available to download:
www.stuart-turner.co.uk



Showermate eco **Standard Twin**

Standard Twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, bath, shower mixer or mixer tap. Suitable for positive head applications only.

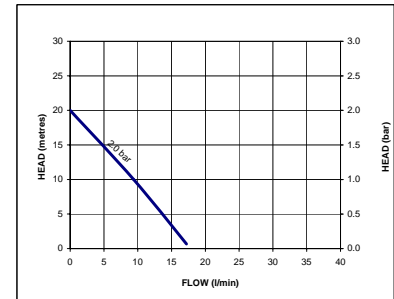
Part No	Model
46502	S1.5 bar Twin
46500	S2.0 bar Twin



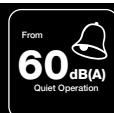
Showermate eco **Standard Single**

Standard Single pumps are designed to improve water supplies to single taps or to pump blended water from a shower mixer. Suitable for positive head applications only.

Part No	Model
46503	S2.0 bar Single



"Showermate eco delivers economy and efficiency; it has fewer components and a neat compact design, delivering cost effective high performance with all the features of quality and reliability associated with the Showermate brand. At 30% smaller than the standard Showermate pump, and available in 3 options - 1.5 or 2.0 bar for the Twin and 2.0 bar for the Single - bathroom designers and installers can specify the 'eco' model in a wide range of situations, including small and confined spaces which are often difficult with larger pump models."



shower and tap

For application guidance
see pages 20-23

showermate
eco

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting
the correct pump call:

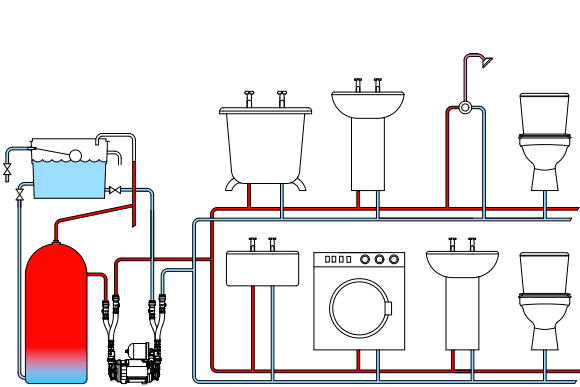
pumpassist
HELPLINE +44 (0) 800 31 969 80

application guide - vented system

The following diagrams show where Monsoon, Showermate and Showermate eco water boosting pumps would be typically located within the most commonly used plumbing systems.

Whole House Vented System Negative Head

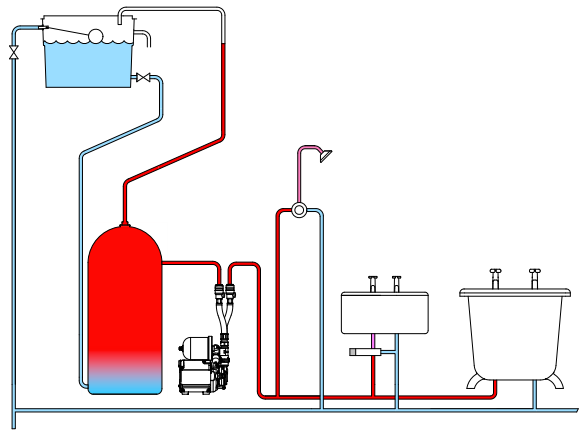
Typical application: Monsoon Universal Twin



Boost Gravity Hot Supply (mains cold)

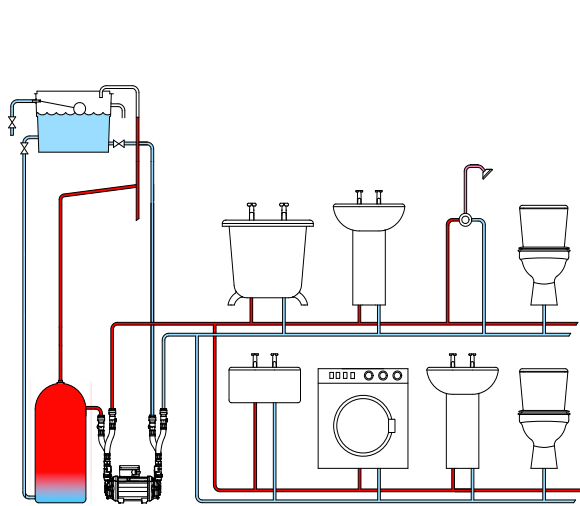
Typical application: Monsoon Universal Single

Showermate Universal Single



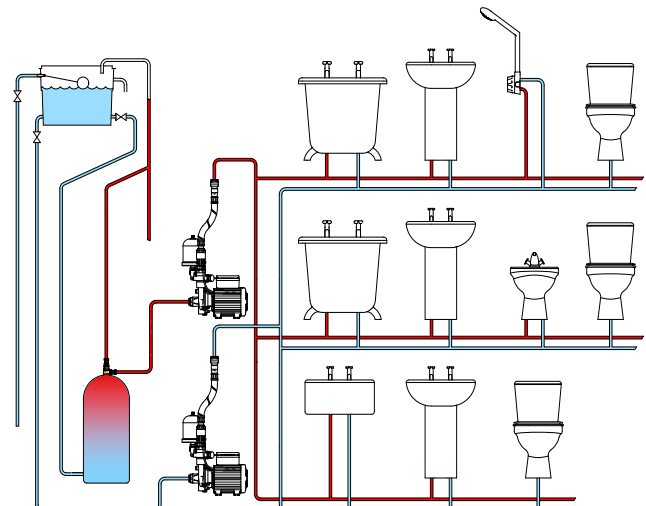
Whole House Vented System Positive Head

Typical application: Monsoon Standard Twin



Large House Vented System Negative Head

Typical application: Monsoon Universal Single

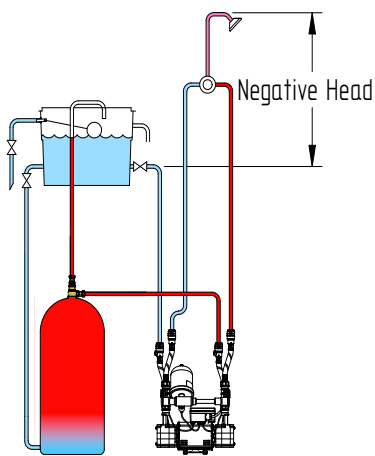


www.stuart-turner.co.uk

These illustrations are for general guidance only. For further advice or technical assistance please contact our PumpAssist team.

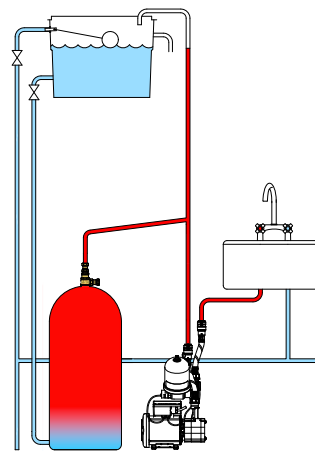
Shower Outlet Negative Head

Typical application: Monsoon Universal Twin, Showermate Universal Twin



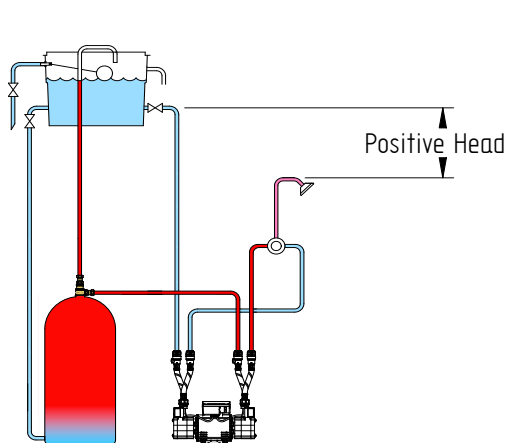
Boost Gravity Hot Supply to High Pressure Kitchen Tap

Typical application: Monsoon Universal Single, Showermate Universal Single



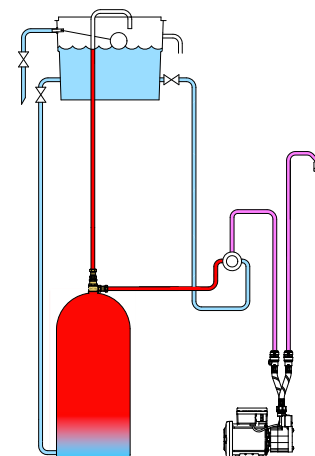
Shower Outlet Positive Head

Typical application: Monsoon Standard Twin, Showermate Standard Twin, Showermate eco Twin



Shower Outlet Blended Supply Positive Head

Typical application: Monsoon Standard Single, Showermate Standard Single, Showermate eco Single



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
 HELPLINE +44 (0) 800 31 969 80

Pump applications

<p>Please note: This is a general guide only and individual site conditions will vary.</p> <p>For advice or technical assistance please contact PumpAssist on 0800 31 969 80</p>	Monsoon									
	TWIN									
	1.5		2.0		3.0		4.0		4.5	
	Uni	Std	Uni	Std	Uni	Std	Uni	Std	Uni	Std
Pressure Bands	Medium				High					
Boost hot or cold water to individual taps										
Bath or basin mixer	●	●	●	●	●	●	●	●	●	●
Boost hot water pressure to blend with mains cold water (mixer taps or shower)										
Shower only	●	●	●	●	●	●	●	●	●	●
Blended shower water										
Multi-function shower with body jets					●	●	●	●	●	●
Boost tank fed cold water supply to electric shower										
Standard bath-shower/shower	●	●	●	●	●	●	●	●	●	●
Bathroom only	●	●	●	●	●	●	●	●	●	●
Supply to combination boiler from a break tank										
Apartments	●		●		●		●			
Whole house - up to 2 bathrooms	●	●	●	●	●	●	●	●	●	●
Whole house - up to 3 bathrooms					●	●	●	●	●	●

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Monsoon					
SINGLE					
2.0		3.0		4.5	
Uni	Std	Uni	Std	Uni	Std
Med		High			
●	●	●	●	●	●
●		●		●	
●		●		●	
● x2		● x2		● x2	
	●		●		●
		● x2		● x2	
●		●		●	
● x2		● x2		● x2	
● x2		● x2		● x2	
●		●		●	
● x2		● x2			
● x2		● x2		● x2	
		● x2		● x2	

Showermate						Showermate eco		
TWIN				SINGLE		TWIN	TWIN	SINGLE
1.8		2.6		2.6		1.5	2.0	2.0
Uni	Std	Uni	Std	Uni	Std	Std	Std	Std
Medium						Medium		
				●	●			●
●	●	●	●			●	●	
				●				
●	●	●	●			●	●	
					●			●
				●				
●	●	●	●			●	●	
●	●	●	●	● x2				

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
 HELPLINE +44 (0) 800 31 969 80

Flomate

Eliminate low mains water pressure problems with Flomate.

Designed for use with unvented (mains pressure) systems to provide a simple to install, cost effective solution to the increasingly common problem of low mains water pressure and flow.



without Flomate

with Flomate

Performance on demand

mains water boosting

Boosting mains water performance with or without a break tank.

In many homes, the traditional hot water immersion heater and central heating boiler fed by a cold water tank installed in the loft has been replaced by a combi-boiler or pressurised hot water cylinder. These system types cannot offer water pressure generated by gravity and as a result can often suffer from low water pressure at the outlet.

Flomate offers a solution...

Pumping water directly from the mains supply



Flomate's reliable flow regulator will ensure flow does not exceed the 12 litres per minute UK water regulation limits. However, if mains water pressure increases at times of low water demand and exceeds the minimum

guaranteed by the water supplier, Flomate's patented bypass feature ensures the resulting increase in water flow will bypass the pump head and be supplied to the property without being restricted.

A range of solutions for a range of properties

Flomate will boost incoming mains water pressure by an additional 1.5 bar at 12 litres per minute. Its compact design allows it to sit discreetly under the kitchen sink making it ideal for properties with limited space. Flomate Mains Boost Extra is designed for larger properties and combines all the features of the standard Flomate pump but supplements this with additional water storage provided by a pressure vessel.

By supplementing the performance of the Flomate pump with the supply from a pressurised water cylinder, Flomate Mains Boost Extra provides the facility to store water at pressure to meet peak demand and will deliver up to 30 litres per minute at 3.0 bar pressure to multiple outlets simultaneously. The range is designed to sit neatly within any standard kitchen cupboard and is available in sizes from 60 to 300 litres.

Pumping water indirectly from the mains supply



The next generation Flomate iBoost offers a compact, completely packaged system to provide an unrestricted pressurised supply of stored water to the whole property. Flomate iBoost is designed to meet

the demand requirements of high flow combination boilers or pressurised hot and cold water systems in larger domestic or light commercial applications where the existing mains water supply is insufficient.

Flomate iBoost provides a high flow, high pressure boosting solution offering an impressive 200 litres of cold stored water which is pumped at pressure to provide a continuous supply of up to 100 litres per minute and up to 4.5 bar pressure to multiple outlets, making it the most powerful, low water pressure boosting pump available within the range.

Flomate iBoost features a premium quality brass and stainless steel vertical multistage pump to deliver a reliable performance. The unit is also supplied with an easy to use control interface and incorporates quick fill valve technology which ensures the tank will always deliver an instantaneous boosted supply of water, ensuring constant pressure and flow as and when required.

Its compact self-contained modular design means it will not look out of place alongside other household white goods and can be easily housed within any standard 600 mm kitchen larder cupboard.

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

Flomate

Flomate Mains Boost pumps offer a simple, patented solution to the problem of low or intermittent mains water pressure and flow without the need for a cold water break tank.

Designed to be connected directly to the incoming mains, Flomate Mains Boost pumps are WRAS Approved and fully compliant with UK water regulations. Designed to be compact and simple to install with no on-site commissioning required. Flomate pumps can be installed discreetly within a standard kitchen cupboard unit.



The high quality brass construction of the Flomate range is designed to provide quality, reliability and ensure performance on demand.

Flomate Mains Boost pumps deliver greater pressure and flow to multiple outlets.

Whole house
Bathroom
En-suite
Cloakroom
Kitchen
Utility room

Performance on demand

Features and benefits

Performance

- 2.2 - 3.2 bar pressure
- Output flow rate 12 - 30 litres/minute
- Built-in bypass
- Quiet operation
- Automatic switching
- Dry run protection
- Continuously rated

Quality

- UK water regulations compliant
- WRAS Approved
- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 3 year guarantee
- Robust brass construction
- Long life mechanical seal
- Service kit available

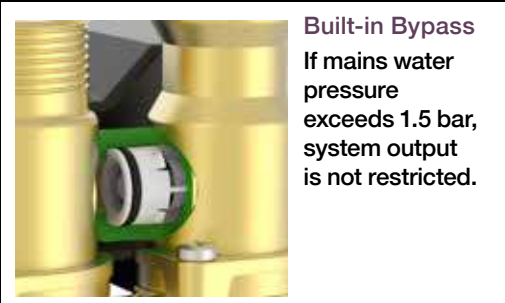
Flomate Mains Boost pumps are supplied with anti-vibration feet and pre-wired for ease of installation.



Peripheral Design
 Pressure efficient
 Compact size
 System friendly,
 reduces potential
 to airlock



Automatic Flow Switch
 Flow Switch –
 automatically
 starts the pump
 when flow
 exceeds
 0.6 litres/min



Built-in Bypass
 If mains water
 pressure
 exceeds 1.5 bar,
 system output
 is not restricted.



Flow Restrictor
 Integrated flow
 restrictor
 ensures
 compliance with
 UK water
 regulations)



Mechanical Seal
 EPDM/PTFE/
 Al.Oxide seal
 Extended life



Threaded connections
 High quality
 threaded
 connections to
 the cold water
 rising main



Full technical data sheets are available to download:
www.stuart-turner.co.uk



Flomate Mains Boost

Suitable for low occupancy properties with typically one bathroom. The Flomate Mains Boost Pump is designed to be connected directly to the incoming mains and will deliver an additional 1.5 bar pressure to the existing mains pressure and a maximum flow rate of 12 litres per minute. The pump will start automatically when a flow rate of 0.6 litres per minute or more exists.

Part No	Model
46574	Mains Boost



Flomate Mains Boost Extra

Designed for higher occupancy properties and to fit neatly within a standard 500 mm kitchen base unit. Flomate Mains Boost Extra can be connected directly to the incoming mains and will deliver up to 16 litres/minute flow at 3.2 bar pressure to multiple outlets within the property, up to the preset cut-in limit of the 60 or 80 litre pressure vessel, at which time the system will deliver 12 litres/minute until demand ends and the pressure vessel recharges.

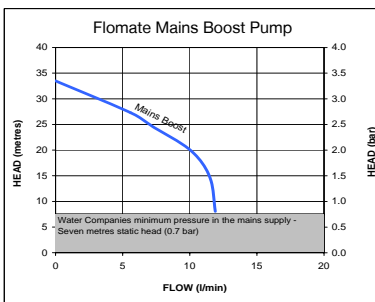
Part No	Model
46631	Mains Boost Extra 60
46634	Mains Boost Extra 80



Flomate Mains Boost Extra

Flomate Mains Boost Extra is suitable for larger properties with multiple bathrooms and outlets. Designed to sit within a typical kitchen 600 mm larder style cupboard it will deliver up to 30 litres/minute flow at 3.2 bar pressure, dependant on the chosen pressure vessel variant, to multiple outlets within the property, up to the preset cut-in limit at which time the system will deliver 12 litres/minute until demand ends and the pressure vessel recharges.

Part No	Model
46635	Mains Boost Extra 100
46636	Mains Boost Extra 200
46637	Mains Boost Extra 300



DESCRIPTION	TYPICAL RUN TIME IN MINUTES		
	12 ltr/min	16 ltr/min	18 ltr/min
Flomate	Constant	-	-
Flomate Extra 60	Constant	8	-
Flomate Extra 80	Constant	12	-

DESCRIPTION	TYPICAL RUN TIME IN MINUTES				
	12 ltr/min	16 ltr/min	18 ltr/min	24 ltr/min	30 ltr/min
Flomate Extra 100	Constant	16	8	-	-
Flomate Extra 200	Constant	24	18	8	-
Flomate Extra 300	Constant	40	24	16	8



mains boost pumps

"mains boost pumps provide a simple to install solution to the problem of low mains water pressure ensuring a boosted supply exactly when it's needed"



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

Flomate iBoost

Flomate iBoost offers the perfect solution to the problem of low mains water pressure and flow for unvented systems with a simple to install, complete integrated package.

iBoost is ideally suited to boosting poor mains water supplies to larger properties using a high flow combination boiler or unvented cylinder system with two or more bathrooms, where higher pressure and flow are required. Flomate iBoost pumps will provide an unrestricted 200 litres of stored water to ensure a consistent pressurised supply to multiple outlets.



**Flomate
iBoost**

The patent pending premium quality multistage brass construction of the Flomate iBoost range ensures performance on demand.

These compact pumps fit within any standard 600 mm kitchen cupboard and are easy to install with no on-site commissioning required.

Whole house
Bathroom
En-suite
Cloakroom
Kitchen
Utility room

Performance on demand

Features and benefits

Performance

- 4.5 bar pressure
- Up to 100 litres/minute
- High capacity fill valve
- Continuous 20 litres/minute minimum
- Quiet operation
- Automatic switching
- Dry run protection
- Continuously rated

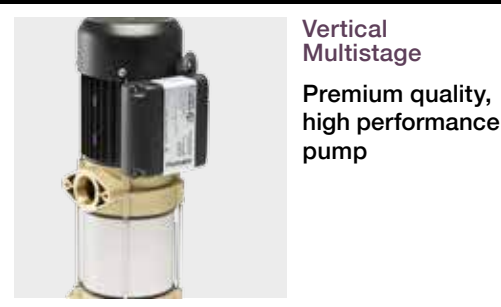
Quality

- UK water regulations compliant
- WRAS compliant materials
- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 3 year guarantee
- Robust brass construction
- Long life mechanical seal

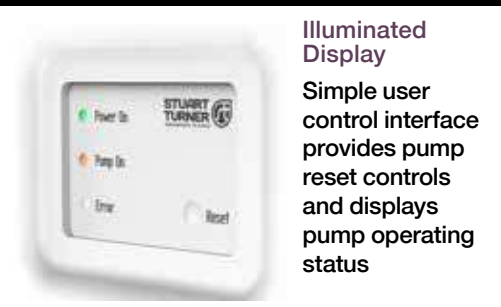
Flomate iBoost pumps are supplied as a complete fully packaged product for ease of installation.



Vertical Multistage
Premium quality, high performance pump



High Capacity Valve
Integrated high capacity fill valve ensures quick refill of the tank



Illuminated Display
Simple user control interface provides pump reset controls and displays pump operating status



Access Aperture
Easy access to inlets and outlets
Ease of installation and maintenance



Modular Assembly
Removable chassis plate for ease of servicing and maintenance

Flomate iBoost has the capacity to store an impressive 200 litres of cold water, yet is compact enough to fit within a standard kitchen larder cupboard.



Full technical data sheets are available to download:
www.stuart-turner.co.uk



Flomate iBoost

Ideally suited for high occupancy properties with multiple bathrooms and water using appliances. Flomate iBoost provides an unrestricted supply at up to 100 litres per minute and 4.5 bar pressure, with a typical performance of 60 litres per minute at 3.0 bar pressure, reducing to a minimum of 20 litres per minute whilst the tank refills.

This reliable compact system will sit neatly within any standard 600 mm kitchen larder cupboard or alongside other household white goods.

Part No	Model
46668	iBoost



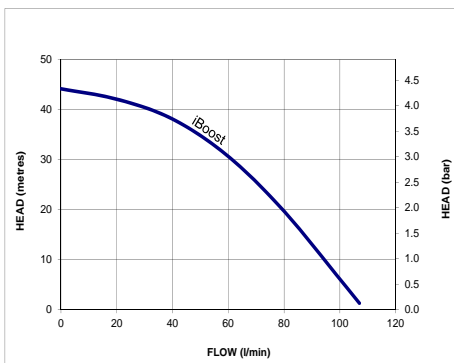
Flomate iBoost CAT 5

The Flomate iBoost CAT 5 water pressure and flow boosting system features a weir overflow making it suitable for use in commercial applications where the risk of back flow contamination from Category 5 fluids exists.

Flomate iBoost CAT 5 offers the same performance as a Flomate iBoost unit and delivers an unrestricted supply at up to 100 litres per minute and 4.5 bar pressure, with a typical performance of 60 litres per minute at 3.0 bar pressure, reducing to a minimum of 20 litres per minute whilst the tank refills.



Part No	Model
46677	iBoost CAT 5



DESCRIPTION	TYPICAL RUN TIME IN MINUTES (BASED ON 1.0 BAR MAINS PRESSURE)				
	20 ltr/min	40 ltr/min	60 ltr/min	80 ltr/min	90 ltr/min
Flomate iBoost Flomate iBoost CAT 5	Constant	10	5	3.5	3
Bar Pressure	4.0	3.5	3.0	2.0	1.5



iBoost pumps

"Flomate iBoost provides an innovative solution in an easy to install, compact and complete package."

For application guidance
see pages 34-35



Flomate

Full technical data sheets are available to download:
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For further advice on selecting
the correct pump call:

pumpassist
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Flomate

Low mains water pressure?

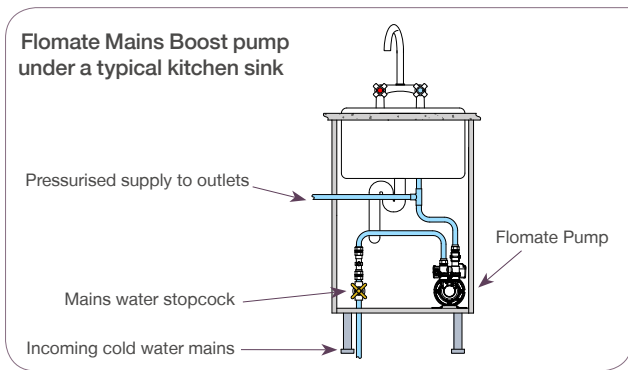
Flomate will provide a consistent flow of water and increased water pressure to a property, boosting multiple outlets at once such as kitchen taps, baths or showers.

A typical shower delivers between 9-12 litres of water per minute, which means that for homes in low water pressure areas the mains supply often cannot meet the demand.

Flomate will deliver an additional 1.5 bar pressure whilst limiting the water drawn from the mains to a maximum 12 litres per minute. The boost to water pressure and flow created by this compact pump is suitable for smaller properties where space is limited.

Flomate Mains Boost Extra is designed for larger occupancy properties and incorporates all the features of the Flomate pump. It can still be installed directly in line with the cold water mains supply but provides additional water storage with a 60, 80, 100, 200 or 300 litre pressure vessel.

Flomate iBoost utilises a large capacity 200 litre tank to deliver water at increased pressure and flow to multiple outlets and will easily supply 3 bathrooms simultaneously. The continuous boost to water pressure and flow makes it ideal for a busy household where more than one tap or shower might be in use at the same time.



Within a tall 600 mm standard kitchen unit of a larger property with higher occupancy.

Typical application:
Flomate Mains Boost Extra 100, 200 or 300

Within a tall 600 mm standard kitchen unit of a larger property with an unvented system and multiple bathrooms.

Typical application:
Flomate iBoost

Under the kitchen sink of a small property

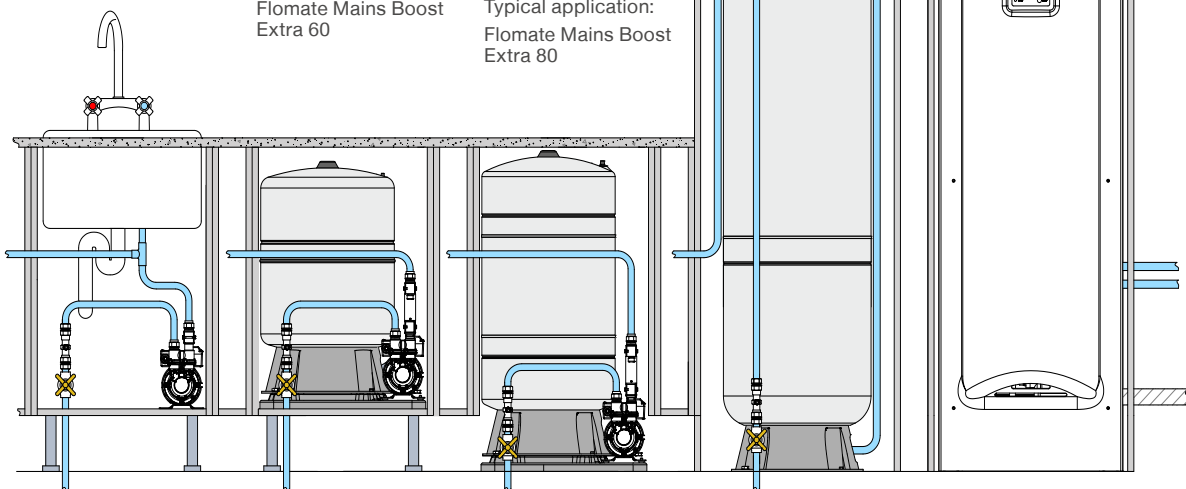
Typical application:
Flomate

Standard 500 mm kitchen base unit of a mid sized property

Typical application:
Flomate Mains Boost Extra 60

Standard 500 mm kitchen base unit of a mid sized property

Typical application:
Flomate Mains Boost Extra 80



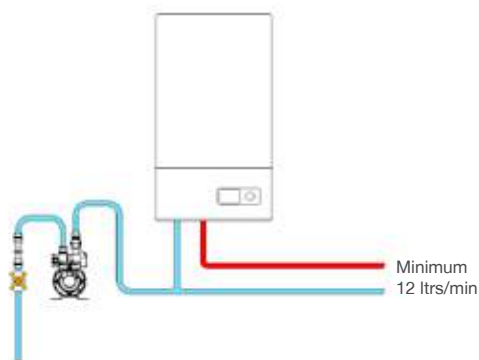
application guide - unvented system

These diagrams show where Flomate pumps would be typically located and are for general guidance only. For further advice or technical assistance please contact our PumpAssist team.

DESCRIPTION	Flomate	Flomate Extra 60	Flomate Extra 80	Flomate Extra 100	Flomate Extra 200	Flomate Extra 300	Flomate iBoost
House - 1 bathroom	●	●	●	●	●	●	●
House - 1 bathroom + cloakroom		●	●	●	●	●	●
House - 1 bathroom + 1 ensuite				●	●	●	●
House - 1 bathroom + 2 ensuites					●	●	●
Larger properties with more than 1 bathroom + 2 ensuites						●	●
Supply direct to a Combination Boiler	●	●	●	●	●	●	●
Unvented stored water system							●

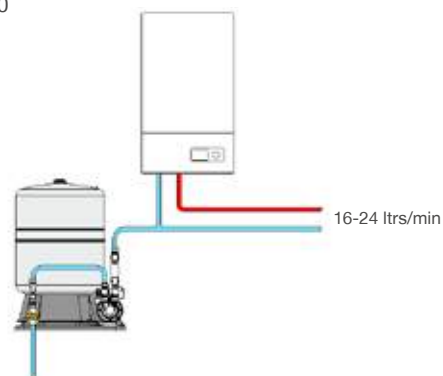
Combi Boiler

Typical application: Flomate Mains Boost Pump



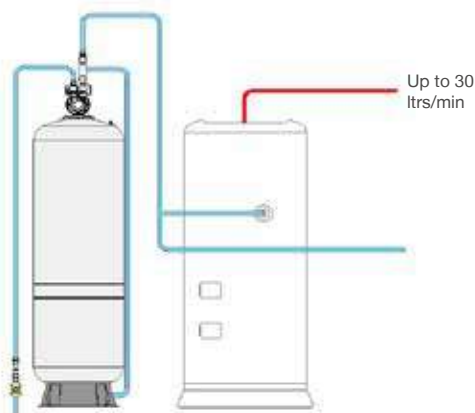
Combi Boiler

Typical application: Flomate Mains Boost Extra 60, 80, 100, 200



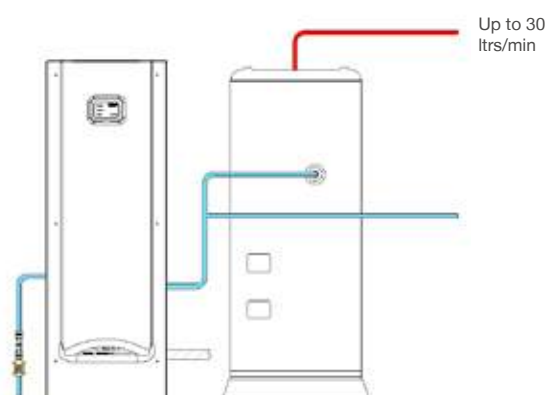
Unvented Hot Water Cylinder

Typical application: Flomate Mains Boost Extra 300



Unvented Hot Water Cylinder

Typical application: Flomate iBoost



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
 HELPLINE +44 (0) 800 31 969 80

wasteflo

The clean and simple way to remove waste water.

Wasteflo products provide a simple solution for waste water removal in a variety of environments.



Clean and simple waste water removal

clean and simple waste water removal

wasteflo

Where a connection using gravity to the main soil/waste pipe is not possible Wasteflo can help...

Wasteflo offers a range of waste water removal products that allow you to create a bathroom, wet room, kitchen or utility room anywhere in your home or commercial building. The range consists of Macerators, Lifting Station and a Condensate Pump. All products are designed to be compact, quiet and simple to install.

When do you need a Macerator or a Lifting Station?

A Macerator or Lifting Station enables the installation of a new kitchen, bathroom or utility room in any situation where it is either impractical or impossible to install conventional gravity based soil and waste discharge pipework.

Macerator

Super slim wasteflo macerators fit neatly behind the WC. They automatically reduce waste to a liquid form and pump it away to the soil pipe.



Lifting station

Effectively lifts waste water where gravity flow is insufficient allowing a shower room, kitchen or utility room to be added where the new facility would be lower than the main drain.

What is a boiler condensate removal pump?

Condensate pumps are used to pump away the residue water produced by a boiler, making them a clean and easy solution.

Condensate pumps

Feature a tank in which the condensate accumulates and once enough liquid has collected raises a float switch which activates the pump. The highly efficient and compact wasteflo boiler condensate pump offers unsurpassed performance and is ideal for larger domestic and commercial gas or oil fired condensing boilers.



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

wasteflo

Create a bathroom, kitchen or utility room anywhere with the Wasteflo range of macerators and a lifting station.

All designed with an innovative removable watertight cassette system which houses the electrical and mechanical components. This cassette system allows clean and easy access without having to remove any pipework or the appliance when servicing or maintaining the unit. Their slimline design and low noise levels mean that Wasteflo products can be located anywhere, even in places such as bedrooms, loft spaces, stairwells, cellars and within kitchen or bathroom furniture.

Wasteflo products provide washroom solutions for a variety of environments.

Featuring a slimline design, Wasteflo products are easy to install and supplied with a multi purpose adaptor allowing the unit to connect to existing pipework.

Whole house
Bathroom
En-suite
Cloakroom
Kitchen
Utility room

Clean and simple waste water removal

Features and benefits

Performance

- Pump up to 7 m vertically or 72 m horizontally
- Flow rates up to 120 litres/minute
- Connects to 32, 28 and 22 mm outlet
- Powerful 500 watt motor
- Quiet operation

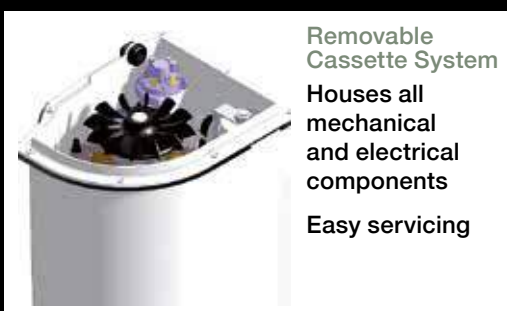
Quality

- ISO 9001:2008
- BS EN 60335 compliant
- BS EN 12050 -3 compliant
- CE compliant
- LGA tested

Reliability

- 2 year guarantee
- Durable high gloss polypropylene
- Easy access & servicing - No need to remove the appliance
- Service kit available

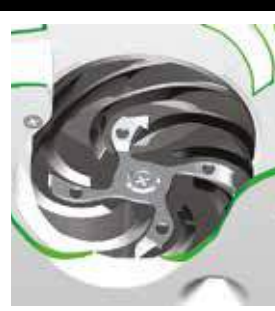
Wasteflo products are supplied pre-wired for ease of installation.



Removable Cassette System

Houses all mechanical and electrical components

Easy servicing



Helical Blade

Designed to efficiently remove waste water



Adjustable WC Pan Connector

Rotating height adjustment to suit WC +/- 16 mm
Easy installation



Standard Plumbing Connections

Ease of installation
Easy maintenance



Non Return Valves on Horizontal Inlets

Avoids need for a separate trap



32 / 28 / 22 mm outlet with Non-return Valve

Flexible connection options



Full technical data sheets are available to download:
www.stuart-turner.co.uk

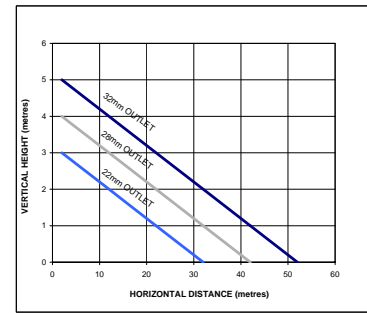


Wasteflo WC 1, Macerator

All Wasteflo Macerators are designed to be super slim in design allowing them to fit neatly behind any WC.

WC 1 is ideal for converting any area into a simple toilet.

Part No	Model
46626	WC 1



Wasteflo WC 2 Macerator

WC 2 allows you to convert any area into a simple cloakroom with a toilet and a basin.

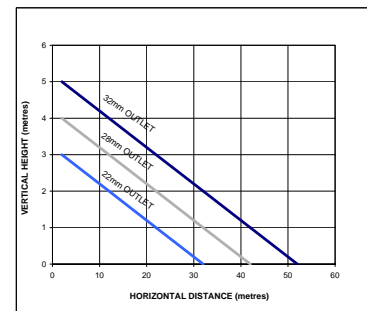
Part No	Model
46575	WC 2



Wasteflo WC 3 Macerator

WC 3 is the ideal choice for transforming any area into a complete bathroom or en-suite, with a toilet, basin, shower and even a bidet.

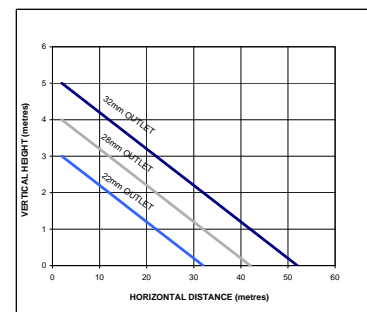
Part No	Model
46576	WC 3



Wasteflo WC 4C Macerator

Super slim, compact and easy to conceal. The WC 4C is designed for use with a wall hung or back to wall toilet pans and allows you to hide the unit out of sight. Ideal for transforming any area into a complete bathroom or en-suite, with a toilet, basin, shower and even a bidet.

Part No	Model
46653	WC 4C



macerators and lifting station



Wasteflo LS 5 Lifting Station

Allows you to create a shower room, kitchen or utility room anywhere. A bath, shower, basin, sink, washing machine and dishwasher can all be connected.

Part No	Model
46577	LS 5



wasteflo



Removable cassette system

This innovative cassette system allows clean and easy access without having to remove any pipework or the appliance when servicing or maintaining the unit.

For application guidance please see pages 44-45

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist

HELPLINE +44 (0) 800 31 969 80

wasteflo

Where access to an external drain is not possible under gravity, Wasteflo's boiler condensate pump offers the perfect solution to quietly and efficiently remove acidic condensate.

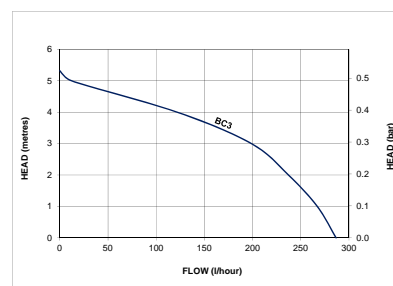
Designed to quietly and efficiently remove acidic residue water from a condensing boiler where access to an external vent pipe is not possible. The compact Wasteflo Boiler Condensate Pump is supplied with a high capacity 2 litre tank and is suitable for use with any gas or oil fired condensing boiler system.



Wasteflo **Boiler Condensate Pump**

Compact yet highly efficient, the Wasteflo Boiler Condensate Pump will move up to 288 litres per hour and up to 5 m head. The pump offers three inlets and one (6 or 10 mm) outlet and is the ideal solution for many domestic and commercial applications.

Part No	Model
46663	BC 3



Clean and simple waste water removal

boiler condensate pump

wasteflo

Features and benefits

Performance

- Extracts up to 288 litres per hour
- Pumps up to 5 m head
- High capacity 2 litre tank
- Extremely quiet operation
- No commissioning required

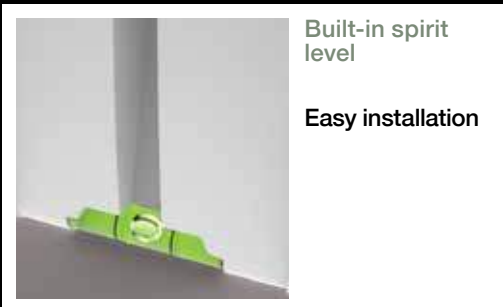
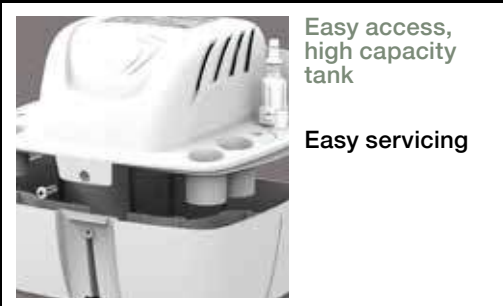
Quality

- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 2 year guarantee
- Easy access tank
- Safety cut-out float switch
- Secure non-return outlet valve
- Built-in spirit level

Wasteflo products are supplied pre-wired for ease of installation.

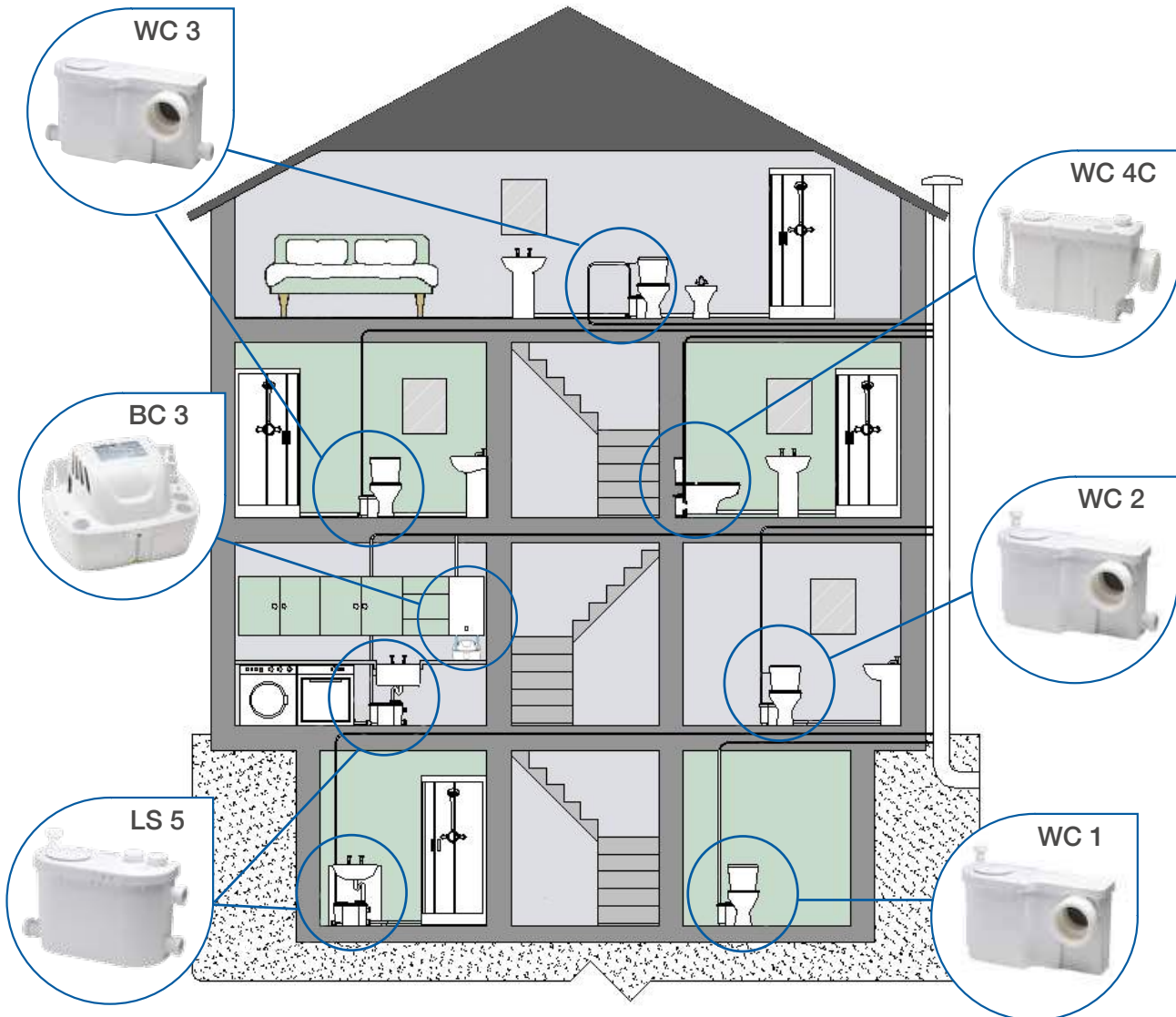


The Wasteflo boiler condensate pump is supplied with 6 m discharge tube, outlet adaptor, fixing kit and 2 m power cable pre-wired for ease of installation.



Full technical data sheets are available to download:
www.stuart-turner.co.uk

Create a bathroom, kitchen or utility room anywhere with Wasteflo.



These diagrams are intended for general guidance only and individual site conditions will vary.



application guide

"wasteflo macerators are so quiet, they can be located anywhere, even in a bedroom, loft space or stairwell."

The Wasteflo range of macerators and lifting station are immensely versatile and offer a range of options to ensure that from just five models you can efficiently remove wastewater from your property. Cleanly, quietly and simply.

DESCRIPTION	WC 1	WC 2	WC 3	WC 4C	LS 5	BC 3
Toilet	●	●	●	●		
Back to wall toilet				●		
Wall hung toilet				●		
Basin		●	●	●	●	
Shower			●	●	●	
Bath					●	
Bidet			●	●		
Kitchen sink					●	
Washing machine					●	
Dishwasher					●	
Condensing boiler						●

For further advice or technical assistance please contact our PumpAssist team.

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
 HELPLINE +44 (0) 800 31 969 80

stuart

Stuart offers a diverse choice of over sixty pumps from seven ranges to suit a variety of commercial environments, with bespoke options available for more specialised applications.

Most installations can be satisfied from our standard range of products which can be found over the following pages. However if you need a more tailored solution, Stuart Turner's unique manufacturing facility, combined with over 110 years of unrivalled technical expertise means we can provide customised solutions specifically aimed at the commercial and OEM markets.



marine



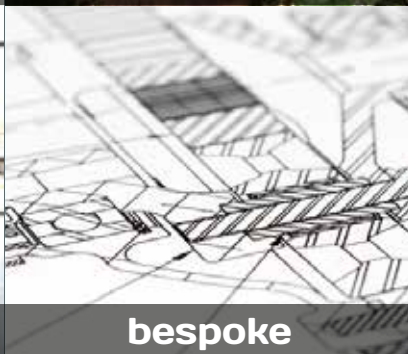
horticulture



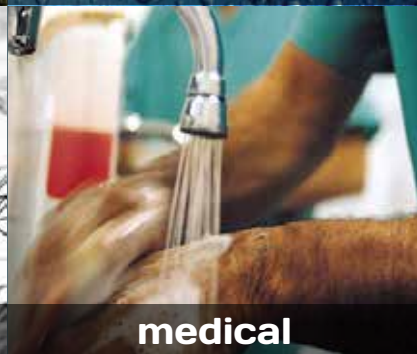
recycling



leisure



bespoke



medical



commercial



transport



MoD

Every pump within the **Stuart range** has been designed to provide high levels of performance, quality and reliability.

Over 110 years of unrivalled engineering and technical excellence.

Bespoke options
Multistage
Centrifugal
Peripheral
Top suction
End suction

Pumps for every commercial sector

Features and benefits

Performance

- Flow rates up to 210 litres/minute
- Heads up to 62 metres
- Centrifugal or peripheral options
- Automatic flow switch options
- Boostamatic pressure switch options
- Range of materials and seal options

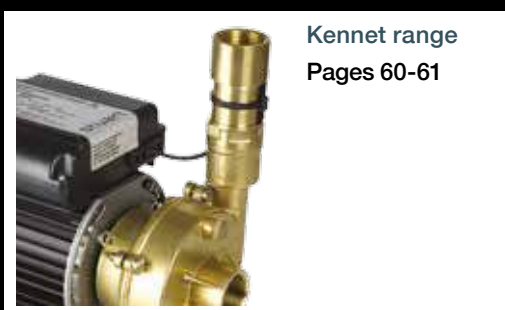
Quality

- ISO 9001:2008
- BS EN 60335 compliant
- CE compliant

Reliability

- 2 year guarantee*
- Robust construction
- Fully serviceable**

Our commercial sales team will be happy to discuss your requirements.
Telephone 01491 572655 or e-mail info@stpumps.co.uk



* With the exception of Submersible, Jet and 12/50 pump ranges.
** With the exception of the Submersible pump range.

Full technical data sheets are available to download:
www.stuart-turner.co.uk

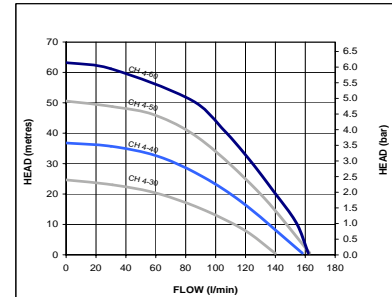




CH

The CH range of pumps are ideal for pressure boosting in applications where long pipe runs or high heads may be involved. The range is suitable for commercial or domestic use, pumping hot or cold water.

Part No	Model	Impeller	Seal
46553	CH 4-30	S/Steel	EPDM/Car/Cer
46554	CH 4-40	S/Steel	EPDM/Car/Cer
46555	CH 4-50	S/Steel	EPDM/Car/Cer
46556	CH 4-60	S/Steel	EPDM/Car/Cer

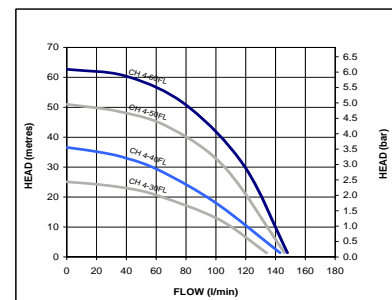


CH Automatic Flow Switch

Ideal for water pressurisation to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. Suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46578	CH 4-30 FL	S/Steel	EPDM/Car/Cer
46596	CH 4-40 FL	S/Steel	EPDM/Car/Cer
46605	CH 4-50 FL	S/Steel	EPDM/Car/Cer
46606	CH 4-60 FL	S/Steel	EPDM/Car/Cer

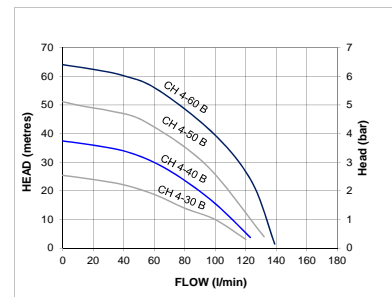


CH Boostomatic Pressure Switch

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. Suitable for commercial or domestic use, pumping hot or cold water and supplied with G1 flexible hoses and adaptors.



Part No	Model	Impeller	Seal
46593	CH 4-30 B	S/Steel	EPDM/Car/Cer
46594	CH 4-40 B	S/Steel	EPDM/Car/Cer
46595	CH 4-50 B	S/Steel	EPDM/Car/Cer
46610	CH 4-60 B	S/Steel	EPDM/Car/Cer

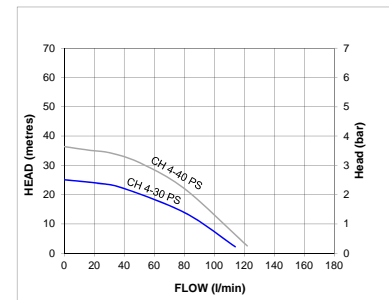


CH Pressure Set

Designed to meet system demands in larger domestic and light commercial applications. The CH multistage pump is mounted on to a WRAS Approved 24 litre diaphragm tank providing a buffer of pressurised stored water. Ideally suited to boosting stored cold water supplies to un-vented hot water cylinders/combination boilers where there is low or no mains water supply. Supplied with G1 flexible hoses and adaptors.



Part No	Model	Impeller	Seal
46601	CH 4-30 PS	S/Steel	EPDM/Car/Cer
46602	CH 4-40 PS	S/Steel	EPDM/Car/Cer



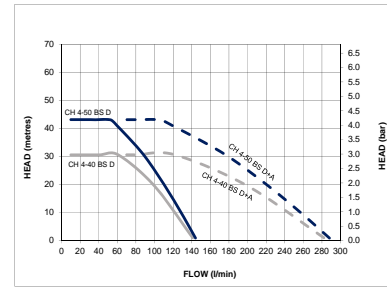
CH range



CH Booster Set

The CH Booster Set offers variable speed twin pumps capable of boosting cold water at up to 100 ltrs/minute and at up to 4.2 bar pressure in light commercial applications, where long pipe runs or high heads may be involved.

Part No	Model	Impeller	Seal
46675	CH 4-40 BS	S/Steel	EPDM/Car/Cer
46676	CH 4-50 BS	S/Steel	EPDM/Car/Cer



NB: Performance curve descriptions above
D = Duty
D+A = Duty Assist.

CH range

Centrifugal Horizontal Multistage Pumps

The CH range of brass and stainless steel pumps provide a high quality and reliable solution for applications that require high flow rates and high heads.

The range includes Automatic Flow Switch and Boostamatic Pressure Switch versions.

2-5 stage pumps are available providing flow rates of up to 160 litres/minute and heads up to 62 metres.

Pump connection sizes:

Inlet G 1 1/4 Female

Outlet G 1 Female

Motor specification: 230/1/50

Key to seal options

EPDM/Car/Cer - EPDM/Carbon/Ceramic

Long life seal suitable for general purpose applications



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist

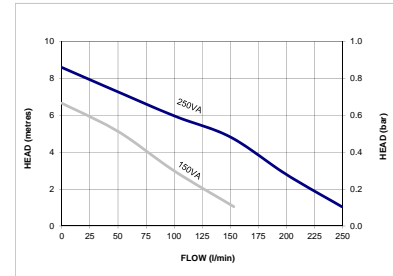
HELPLINE +44 (0) 800 31 969 80

Supersub 150VA and 250VA

Designed to pump solids up to 5 mm and can be used in either automatic or manual modes. Complete with integral float switch. The Supersub 250VA can also be supplied within a Flood Kit. The Flood Kit contains a Supersub 250VA submersible pump, a reusable plastic container, 15 m of lay-flat hose and hose connector.



Part No	Model	Impeller	Seal
46538	Supersub 150VA	Plastic	Double Lip
46539	Supersub 250VA	Plastic	Double Lip
46638	Flood Kit	Refer to technical data sheet	

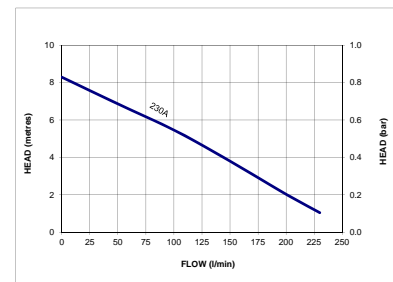


Supersub 230A

Designed to pump solids up to 5 mm and supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46540	Supersub 230A	Plastic	Double Lip

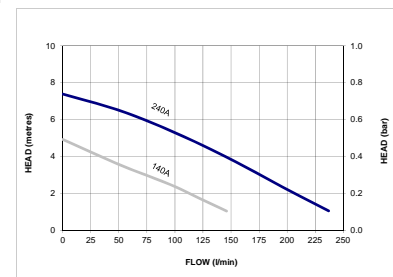


Supervort 140A and 240A

Designed to pump solids up to 20 mm and supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46541	Supervort 140A	Plastic	Double Lip
46542	Supervort 240A	Plastic	Double Lip



Stuart Turner also offer Lay Flat Hoses, compatible with our submersible range. Details can be found in the accessories section on page 65



Submersible range

Submersible range

Supersub and Supervort

The five Supersub and Supervort models are designed for the transference of non foul water and are suitable for use with both clean and grey water.

The entire range feature stainless steel motor shells, are compact in design, easy to install and come complete with float switches and a stepped hose connector (25 mm, 32 mm or 38 mm)

Motor specification: 230/1/50

Key to seal options

Double Lip
Long life nitrile seal



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For further advice on selecting
the correct pump call:

pumpassist

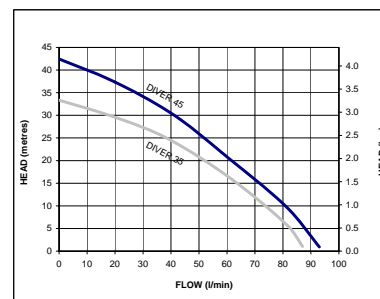
HELPLINE +44 (0) 800 31 969 80

Diver

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch to protect against running dry.



Part No	Model	Impeller	Seal
46585	Diver 35	Plastic	Nit/Car/Cer
46586	Diver 45	Plastic	Nit/Car/Cer

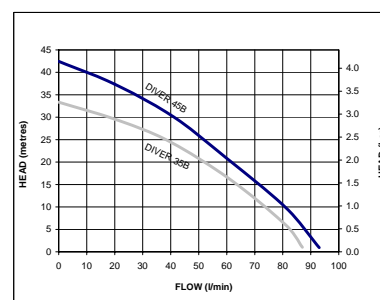


Diver Boostamatic

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch. Supplied with a Boostamatic Control Module, located remotely, to provide automatic control.



Part No	Model	Impeller	Seal
46611	Diver 35 Boostamatic	Plastic	Nit/Car/Cer
46612	Diver 45 Boostamatic	Plastic	Nit/Car/Cer



"Diver pumps are ideal for clean water applications where pressure is needed, such as sprinklers or pumping up to a storage tank. The Boostamatic control module options are ideal for water supply applications such as irrigation, where the pump can be located in a well or pond for example".



Diver range

Submersible range

Diver Pumps

Diver pumps are ideal for applications where pressure is needed such as sprinklers or pumping up to storage tanks. Diver pumps are suitable for clean water only. The entire range feature stainless steel motor shells, are compact in design and easy to install.

All diver pumps include an externally fitted float switch and 25 mm hose connector.

Boostomatic options are also supplied with an Automatic Control Module.

Motor specification: 230/1/50

Key to seal options

Nit/Car/Cer - Nitrile/Carbon/Ceramic
Long life seal



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Full technical data sheets are available to download:
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For further advice on selecting the correct pump call:

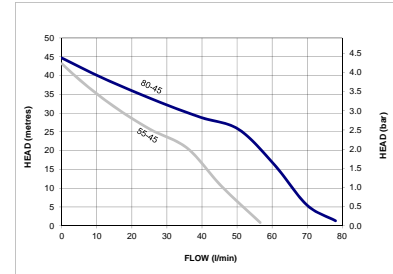
pumpassist
HELPLINE +44 (0) 800 31 969 80

Jet

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern. Jet pumps will self prime up to 5 metres and are supplied with a carry handle, a manual on/off switch and power lead fitted with a 13 amp fused plug. The range is suitable for general purpose use, pumping cold water.



Part No	Model	Impeller	Seal
46587	55-45	Plastic	EPDM/Car/Cer
46588	80-45	Plastic	EPDM/Car/Cer

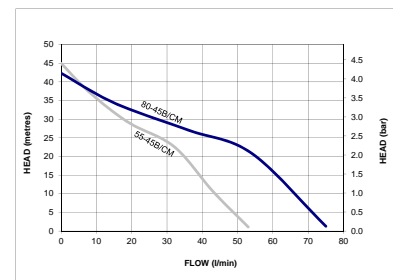


Jet Boostamatic & Control Module

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern in either a positive or negative head application. Jet Boostamatic pumps provide fully automatic pressure/flow switch control and are supplied with a power lead fitted with a 13 amp fused plug. The range is suitable for general purpose use, pumping cold water.



Part No	Model	Impeller	Seal
46619	55-45 B	Plastic	EPDM/Car/Cer
46620	80-45 B	Plastic	EPDM/Car/Cer
46639	55-45 CM	Plastic	EPDM/Car/Cer
46640	80-45 CM	Plastic	EPDM/Car/Cer

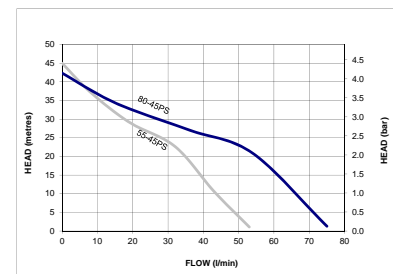


Jet Pressure Set

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern in either a positive or negative head application. Jet Pressure Sets include a 24 litre diaphragm tank providing a buffer of 12 litres of pressurised stored water and are supplied with a power lead fitted with a 13 amp fused plug. The range is suitable for general purpose use, pumping cold water.



Part No	Model	Impeller	Seal
46617	55-45 PS	Plastic	EPDM/Car/Cer
46618	80-45 PS	Plastic	EPDM/Car/Cer



Jet range

Jet range

Centrifugal Pumps

Jet pumps provide a cost effective solution where high flow and high pressure is required and are ideal for a host of general purpose applications.

The range includes Boostamatic Pressure Switch and Pressure Set versions.

2 motor sizes are available providing flow rates of up to 80 litres/minute and heads up to 45 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

Key to seal options

EPDM/Car/Cer - EPDM/Carbon/Ceramic

Long life seal suitable for general purpose applications



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting
the correct pump call:

pumpassist

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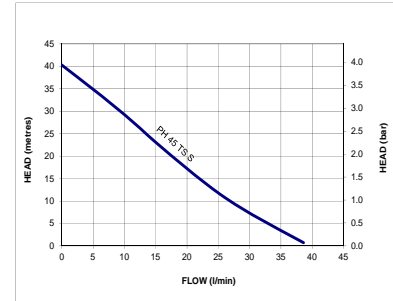
stuart

PH TS Stainless Steel

Designed for continuous use, the stainless steel peripheral range is ideal for handling non-abrasive liquids and is developed specifically for beer, lager or cider dispensing. Also used for pumping demineralised water.



Part No	Model	Impeller	Seal
46628	PH 45 TS S	S/Steel	EPDM/PTFE/Al.Oxide
46629	PH 45 TS S	S/Steel	Vit/Car/Sil

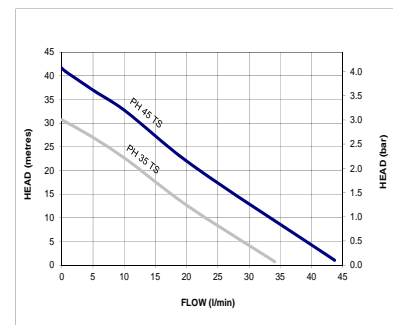


PH TS

The PH range is particularly suitable where space is at a premium to pump clean, fresh water. Other clean non aggressive, non explosive liquids with similar characteristics to water may be pumped.



Part No	Model	Impeller	Seal
46496	PH 35 TS	Brass	EPDM/PTFE/Al.Oxide
46445	PH 35 TS	Brass	Vit/Car/Sil
46504	PH 45 TS	Brass	EPDM/PTFE/Al.Oxide
46448	PH 45 TS	Brass	Vit/Car/Sil

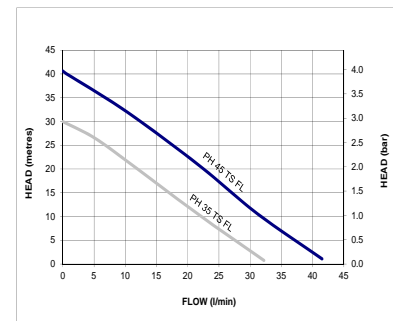


PH TS Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. The range is suitable for commercial and domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46522	PH 35 TS FL	Brass	EPDM/PTFE/Al.Oxide
46530	PH 45 TS FL	Brass	EPDM/PTFE/Al.Oxide



PH TS range

PH TS range

Peripheral Pumps

PH TS brass pumps feature top suction and vertical delivery connections as well as a stainless steel pump option for more specialised applications.

The range includes Automatic Flow Switch versions and extended life seal options.

2 motor sizes are available providing flow rates of up to 44 litres/minute and heads up to 42 metres.

Pump connection sizes:

Inlet G 3/4 Female

Outlet G 3/4 Female

Stainless Steel - Inlet and Outlet G 3/4 Male

Motor specification: 230/1/50

Key to seal options

EPDM/PTFE/Al.Oxide - EPDM/PTFE/Aluminium Oxide
Extended life seal suitable for general purpose applications

Vit/Car/Sil - Viton/Carbon/Silicon Carbide
Extended life seal suitable for light non aggressive chemicals

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting
the correct pump call:

pumpassist

HELPLINE +44 (0) 800 31 969 80

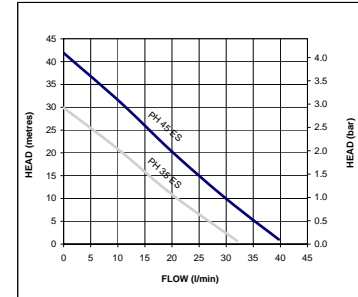
stuart

PH ES

The range of PH ES peripheral pumps is designed to pump clean, fresh water. Other non aggressive, non explosive liquids with similar characteristics to water may be pumped. The range can be used for pressure boosting, liquid transfer and distribution. They are also suitable for flooded suction applications.



Part No	Model	Impeller	Seal
46563	PH 35 ES	Brass	EPDM/PTFE/Al.Oxide
46451	PH 35 ES	Brass	Vit/Car/Sil
46564	PH 45 ES	Brass	EPDM/PTFE/Al.Oxide
46454	PH 45 ES	Brass	Vit/Car/Sil

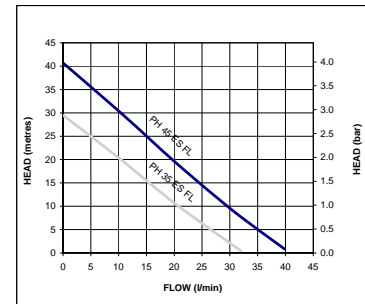


PH ES Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. The range is suitable for commercial and domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46566	PH 35 ES FL	Brass	EPDM/PTFE/Al.Oxide
46567	PH 45 ES FL	Brass	EPDM/PTFE/Al.Oxide

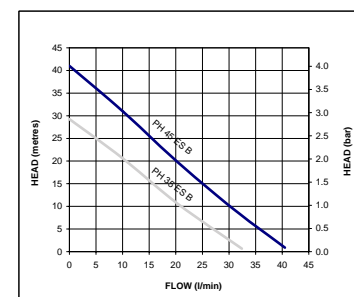


PH ES Boostamatic Pressure Switch

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46523	PH 35 ES B	Brass	EPDM/PTFE/Al.Oxide
46524	PH 45 ES B	Brass	EPDM/PTFE/Al.Oxide



PH ES range

PH ES range

Peripheral Pumps

PH ES brass pumps feature end suction and vertical delivery connections.

The range includes Automatic Flow Switch and Boostomatic Pressure Switch versions, with extended life seal options.

2 motor sizes are available providing flow rates of up to 40 litres/minute and heads up to 42 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

Key to seal options

EPDM/PTFE/Al.Oxide - EPDM/PTFE/Aluminium Oxide
Extended life seal suitable for general purpose applications

Vit/Car/Sil - Viton/Carbon/Silicon Carbide
Extended life seal suitable for light non aggressive chemicals

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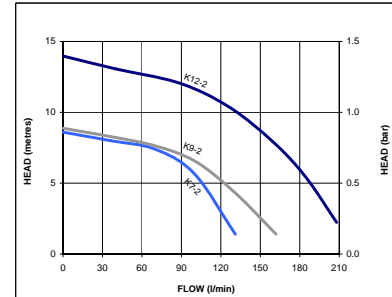
Kennet

The Kennet range of centrifugal pumps is designed for liquid transfer, pressure boosting or distribution of clean, fresh water. Other clean, non aggressive, non explosive liquids with similar characteristics to water may be pumped.



WRAS
APPROVED
MATERIALS

Part No	Model	Impeller	Seal
46372	K7-2	Plastic	EPDM/PTFE/Al.Oxide
46374	K9-2	Plastic	EPDM/PTFE/Al.Oxide
46379	K12-2	Plastic	EPDM/PTFE/Al.Oxide



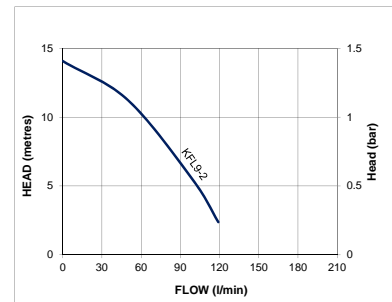
Kennet Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application where an instant boosted supply is required from a simple to install package. The range is suitable for commercial or domestic use, pumping hot or cold water and supplied with G1 flexible hoses.



WRAS
APPROVED PRODUCT

Part No	Model	Impeller	Seal
46387	KFL9-2	Plastic	EPDM/PTFE/Al.Oxide



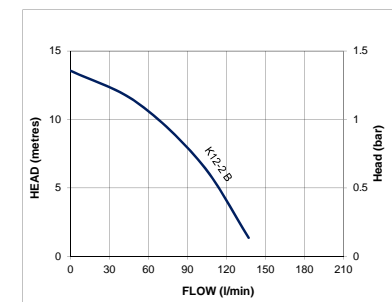
Kennet Boostamatic Pressure Switch

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water and supplied with G1 flexible hoses.



WRAS
APPROVED PRODUCT

Part No	Model	Impeller	Seal
46349	K12-2 B	Plastic	EPDM/PTFE/Al.Oxide



Kennet range

Kennet range

Centrifugal Single Stage Pumps

Kennet brass pumps feature horizontal suction and vertical delivery connections.

The range includes Automatic Flow Switch and Boostamatic Pressure Switch versions.

3 motor sizes are available providing flow rates of up to 210 litres/minute and heads up to 14 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

Key to seal options

EPDM/PTFE/Al.Oxide - EPDM/PTFE/Aluminium Oxide
Extended life seal suitable for general purpose applications



**Full technical data sheets are available to download:
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For further advice on selecting
the correct pump call:

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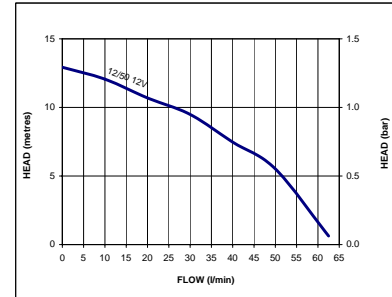
stuart

12/50 12 V

The compact size and robust construction of these pumps, combined with a range of features, including heavy duty d.c. motors offer the ideal solution to demanding pumping problems.



Part No	Model	Impeller	Seal
46164	12/50 12 V	Plastic	EPDM/PTFE/Al.Oxide
46166	12/50 12 V	Brass	EPDM/PTFE/Al.Oxide
46167	12/50 12 V	Brass	Vit/Car/Sil

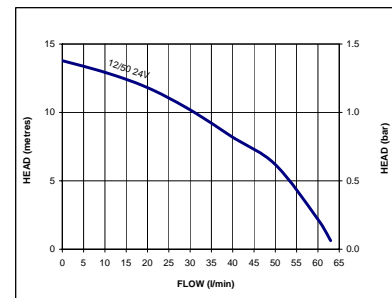


12/50 24 V

The compact size and robust construction of these pumps, combined with a range of features, including heavy duty d.c. motors offer the ideal solution to demanding pumping problems.



Part No	Model	Impeller	Seal
46212	12/50 24 V	Plastic	EPDM/PTFE/Al.Oxide
46168	12/50 24 V	Brass	EPDM/PTFE/Al.Oxide
46169	12/50 24 V	Brass	Vit/Car/Sil



12/50 range

12/50 range

Centrifugal Pumps

12/50 centrifugal pumps provide compact and robust 12 or 24 V d.c. motors with a choice of material options making them suitable for a host of applications.

Options include a choice of plastic or brass impellers and extended life seals.

12v or 24 V d.c. motors are available providing flow rates of up to 63 litres/minute and heads up to 14 metres.

Pump connection sizes:

Inlet G 3/4 Female

Outlet G 3/4 Female

Key to seal options

EPDM/PTFE/Al.Oxide - EPDM/PTFE/Aluminium Oxide
Extended life seal suitable for general purpose applications

Vit/Car/Sil - Viton/Carbon/Silicon Carbide
Extended life seal suitable for light non aggressive chemicals

stuart



**Full technical data sheets are available to download:
www.stuart-turner.co.uk**

For further advice on selecting
the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

Pump controls and accessories

Control module

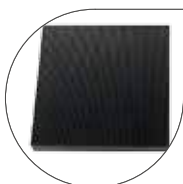
The Control Module remotely switches pumps without controls and can be used in both positive and negative plumbing systems. The module incorporates run dry protection.



Part No	
41011	Control Module

Mounting pad

The mounting pad provides additional sound insulation, further reducing the transfer of motor noise and vibration.



Part No	
27124	Mounting Pad

Eceautron water conditioners

An Eceautron catalytic water conditioner prevents limescale build-up providing a highly effective, long lasting alternative to traditional water softeners.



Their slimline design allows them to be easily installed within existing pipework with no additional maintenance or running costs required.



Part No	
44616	ECT 1512 Eceautron water conditioner
44617	ECT 2212 Eceautron water conditioner
44618	ECT 2234 Eceautron water conditioner
44619	ECT 2810 Eceautron water conditioner
44661	ECT 35125 Eceautron water conditioner

Tank flanges

Provide a dedicated hot water feed from the hot water cylinder to the pump, reducing the possibility of introducing air into the supply. The top entry flange allows 360° positioning of the pump connections for ease of installation. Alternatively, the side entry flange is a simple retrofit with minimal pipework changes required.



Part No	
27800	Stuart Flange Top Entry
27900	Stuart Flange Side Entry
28486	Stuart Flange Top Entry (pack of 10)
28503	Stuart Flange Side Entry (pack of 15)

Float switch

The Float Switch is used to control a pump when filling or emptying a water tank/cistern. The switch position is adjustable along the float cord.



Part No	
26638	Float Switch

Floating switch

Simple to install, these switches are designed to control a pump to automatically fill or empty a water tank/cistern.

Available with 3 or 5 metre cable lengths.



Part No	
19638	3 m Fill or empty
19639	5 m Fill or empty

Pump controls and accessories

Lay flat hoses

Flexible and durable 32 mm diameter PVC hoses designed for use with our Submersible pump range to transfer water. Supplied with a connection kit, they are lightweight, weather resistant and completely collapsible when not in use.



Part No	
19965	5 m length
19966	10 m length
20363	15 m length

Connecting hoses

A selection of high quality, metal braided anti-vibration flexible hoses which simplify pump installation and significantly reduce the transfer of vibration from the pump to the connected pipework.



Part No	
28482	Monsoon Hose Set (4 x Flexible Ø 22 mm hoses)
28304	Monsoon Hose - Single (1 x Flexible Ø 22 mm hose)
28605	Monsoon - ROI Hose Set (4 x Flexible Ø 21 mm hose)
28260	Monsoon - ROI Hose Single (1 x Flexible Ø 21 mm hose)
28483	Showermate Hose Set (4 x Flexible Ø 15 mm hoses)
19294	Showermate Hose - Single (1 x Flexible Ø 15 mm hose)
28288	Stuart Hose - Single (1 x Flexible Ø 25 mm hose)

Service kits

The lifespan of our products is second to none and come with industry leading guarantee periods. However, service kits are available for our Monsoon, Monsoon Extra, Flomate and Wasteflo ranges to further optimise their life cycle.



Part No	
28453	Monsoon Universal
28452	Monsoon Standard
28474	Monsoon Negative (Pre - 2008)
28475	Monsoon Positive (Pre - 2008)
28457	Flomate
28504	Flomate Mains Boost Extra
28458	Wasteflo Macerator Service Kit (WC1, WC2, WC3)
28165	Wasteflo Macerator Cassette (WC1, WC2, WC3)
28170	Wasteflo Macerator Filter (WC1, WC2, WC3, WC4)
28499	Wasteflo Macerator Service Kit (WC4C)
28500	Wasteflo Macerator Cassette (WC4C)
28459	Wasteflo Lifting Station Service Kit (LS5)
28177	Wasteflo Lifting Station (Cassette)

Purchase service kits

Service kits for our Monsoon, Flomate and Wasteflo ranges are available directly from our website. Click on the 'where to buy' section or contact the PumpAssist team who will be happy to help you find the correct service kit and take your order.



www.stuart-turner.co.uk

Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

PumpAssist - service and support

PumpAssist is a dedicated and friendly team of highly trained and experienced technical experts who will assist you by:

Choosing the right pump

It sounds simple but making sure you have the correct pump for your application is of paramount importance, our team will help you specify the right pump for the job.



Installation advice

Having trouble, don't know where to start? Our team will be able to talk you through your installation – 90% of pump failures are down to poor installation.



FAQs and troubleshooting

As experts in our field we have an in depth knowledge of typical problems that may arise with our products and problems that occur due to incorrect installation. Simply download our guidelines or contact our PumpAssist team.



Find the right spare parts

You can order accessories and service kits for our Monsoon, Flomate and Wasteflo ranges directly from our website. Click on the 'where to buy' or call the team and they will be happy to help you find the correct parts and take your order.



Find a local stockist or installer

Finding a local stockist or installer couldn't be easier, just visit our website and enter your postcode and we will advise you of the nearest one in your area. Our extensive database covers the UK & Republic of Ireland, as well as considerable world wide coverage.



Contact an approved service engineer

In the unlikely event that things go wrong, we have approved service engineers available throughout the UK & Republic of Ireland. Our engineers receive comprehensive training on all our products so if you have any problems just call our team and they will put you in direct contact.



Register to become an approved installer/stockist

By registering your details with us, we can offer consumers the opportunity to locate an installer or stockist in their area. Registration is free, simply click on the 'register as' link from our website and we will do the rest!



Contacting PumpAssist made easy

We recognise that making a phone call is not always convenient. So we have added a dedicated PumpAssist 'Live Chat' function to our website. Simply click on the 'Live Chat' icon, ask a question and we will reply directly back to you. Available Monday - Friday from 9:00 – 17:00. We look forward to hearing from you.



www.stuart-turner.co.uk

Stuart Turner Academy

Stuart Turner Academy

The needs of the installer are changing. While price and quality will always be important, access to technical information, educational content and support are now just as important as the product itself. We recognised this trend by identifying the number of professionals accessing technical information from our website and have introduced the Stuart Turner Training Academy.

The Academy provides an ideal opportunity for installers to update their knowledge on established Stuart Turner pumps such as Monsoon and Showermate along with new products to market, such as Flomate Mains Boost pumps, which offer the solution to the increasingly common problem of low mains water pressure.

If you are a plumber or installer of Stuart Turner pumps, not only can you improve and update your product knowledge but by attending one of our training workshops your business will qualify to appear on the "Approved Installer Finder" on the Stuart Turner website.

The training academy highlights a calendar of training workshops across the country and allows installers to directly book an event in their area. Training seminars are provided free of charge, take place over one full day and include topics such as:

- ✓ Overview of Stuart Turner products
- ✓ Pump selection and application
- ✓ Installation best practice
- ✓ Troubleshooting and repair

Are you an independent stockist or merchant group?

The academy also hosts a wealth of easy to access support materials and information including a range of e-modules available to help those who may want to better understand industry specific terminology and applications in order to help educate their counter staff to better support their customers. Take a look...

For more information, please visit www.stuart-turner.co.uk/academy

Stuart Turner Academy

- Become an approved installer
- Training sessions available nationwide
- On-line booking
- Access e-learning modules
- View product videos



Full technical data sheets are available to download
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist
HELPLINE +44 (0) 800 31 969 80

monsoon
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wasteflo
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