

**STUART
TURNER**

Inspired by water, delivered through technology

Pump Solutions

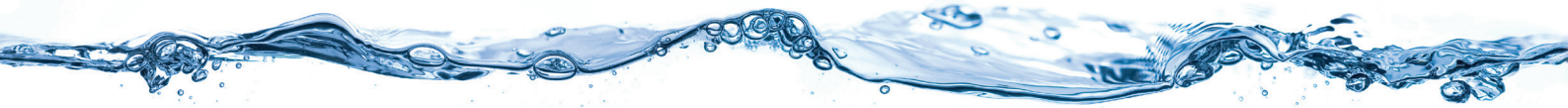
Stuart Turner Ltd - inspired by water - delivered by technology

Pump Solutions Brochure



STUART

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.

Stuart Turner offer an extensive range of pump solutions, designed and developed to provide a comprehensive range of solutions for applications in both domestic and commercial markets. Catering for almost every application, from domestic water boosting pumps and waste water removal to an extensive range of pumps for a variety of commercial applications.

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

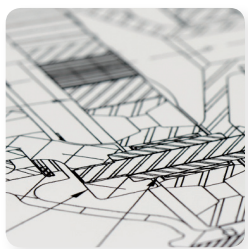
The Stuart Turner name is synonymous with quality and we continually strive to build and improve on this hard earned reputation.

All our pumps are 100% 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 in the market today.

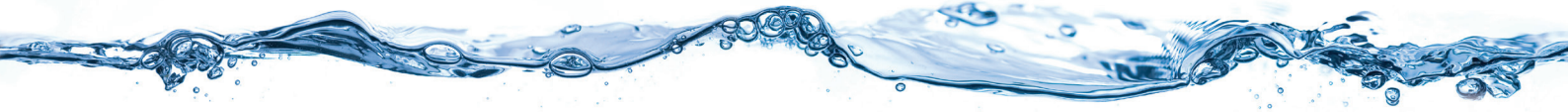


Service

Stuart Turner is renowned for its high level of customer service. This has been further enhanced with the introduction of our Pump Assist team who are available to provide help and guidance on any aspect of product selection or technical advice.



Stuart Turner Brands



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.

Full details of the products available for each brand, together with the key technical specifications are shown in the following pages.



monsoon

pages 6 - 17

Premium quality high performance brass pumps designed to boost water pressure across a wide range of domestic and light commercial applications.

MONSOON



showermate

pages 18 - 23

High quality plastic pumps providing a cost effective solution to boost the performance of individual showers or taps.

SHOWERMATE



wasteflo

pages 26- 31

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

WASTEFL0



STUART

pages 32 - 55

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

STUART



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.

Constantly developed and refined over the last 30 years, Monsoon is the benchmark for performance, quality and reliability, and is supported with an industry leading 5 year guarantee** across the range.

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
- ✓ Continuously rated

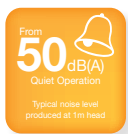
Quality

- ✓ Robust all brass construction
- ✓ Built-in safety – low voltage controls
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 5 year guarantee**
- ✓ Extended life mechanical seal
- ✓ Integral strainer
- ✓ Fully serviceable

Monsoon pumps are supplied with flexible hoses with integral isolation valves, anti-vibration feet and pre-wired for ease of installation.

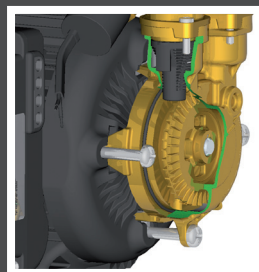


* Independently tested - 3.0 bar Monsoon Standard Twin rated quieter than competitor's equivalent models.

** 3 years as standard, extended to 5 years when you register your pump details online at www.stuart-turner.co.uk

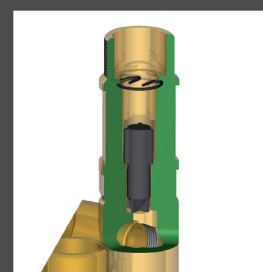
Every component within the **Monsoon range** has been designed to enhance the high levels of performance, quality and reliability.

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



Peripheral Design

Pressure efficient
Compact size
System friendly – reduces potential to airlock



Automatic Flow Switch

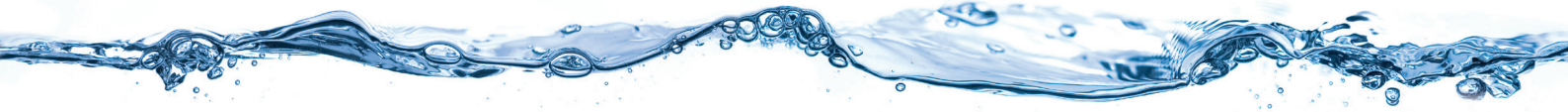
Automatically starts the pump when flow exceeds 0.6 litres/min (Standard & Universal)



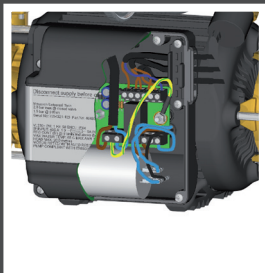
Automatic Pressure Switch

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

Performance without compromise

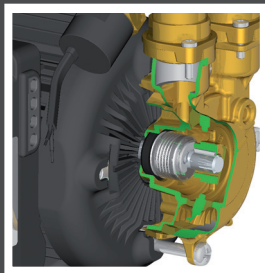


MONSOON



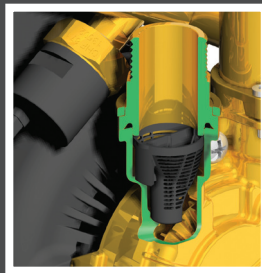
Safety

Extra low voltage (SELV) – 9v for all switching control systems
Pre-wired with 1.5 m cable – no need to access terminal box



Mechanical Seal

Carbon/Silicon Carbide seal
Extended life



Integral Strainer

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



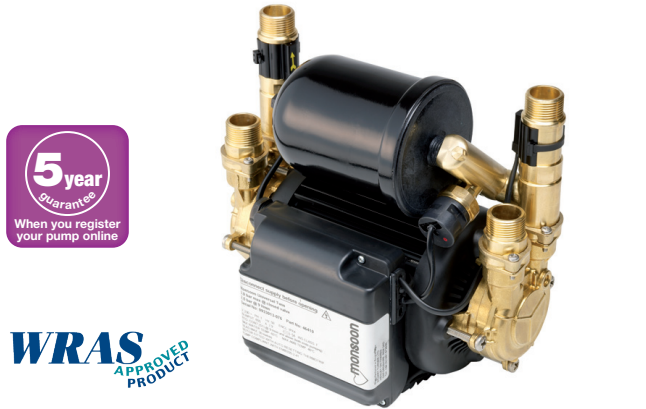
Flexible Hoses

300 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
22 mm push fit to pipe work

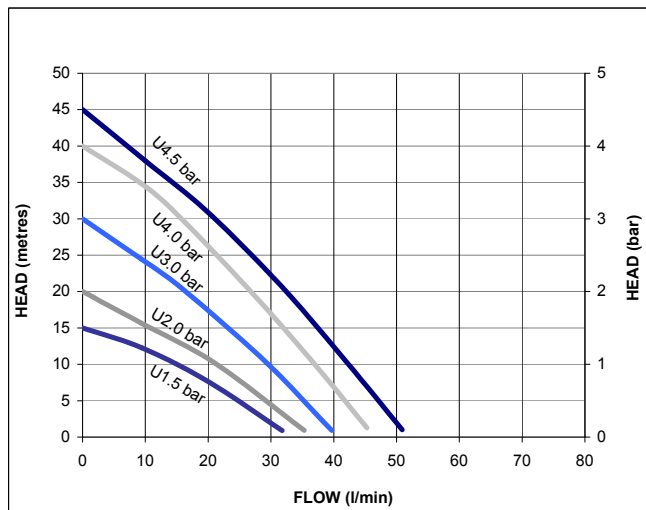


Monsoon Universal Twin

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

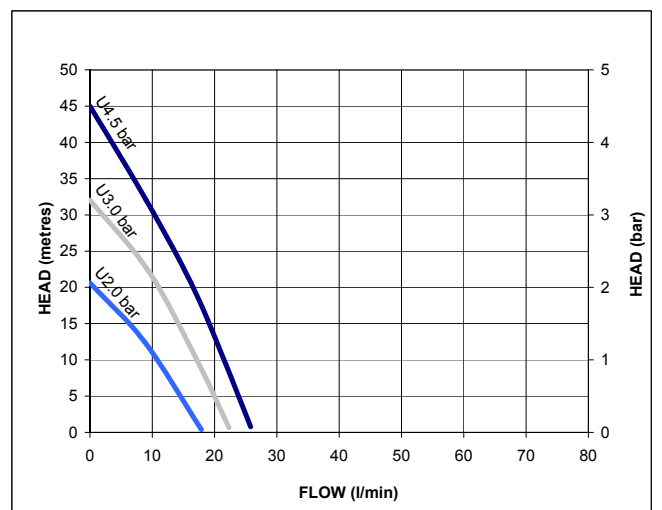


Monsoon Universal Single

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

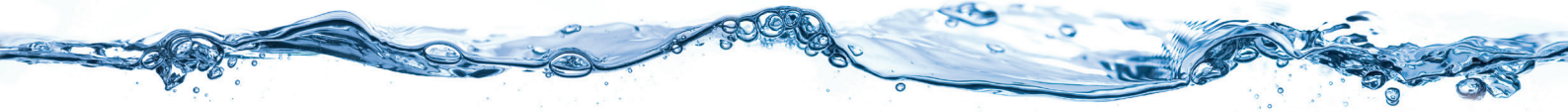


Applications for the Monsoon range:



For Application Guidance see pages 8 & 9 and 16 & 17

Performance without compromise



Monsoon Standard Twin

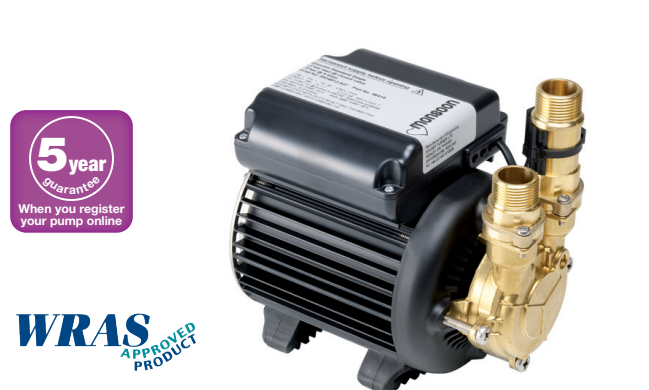
Standard twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies - boosting both equally. Suitable for positive head applications only.



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

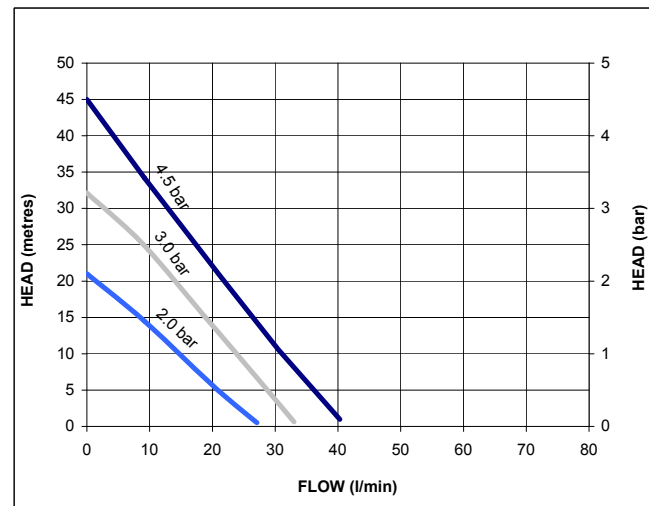
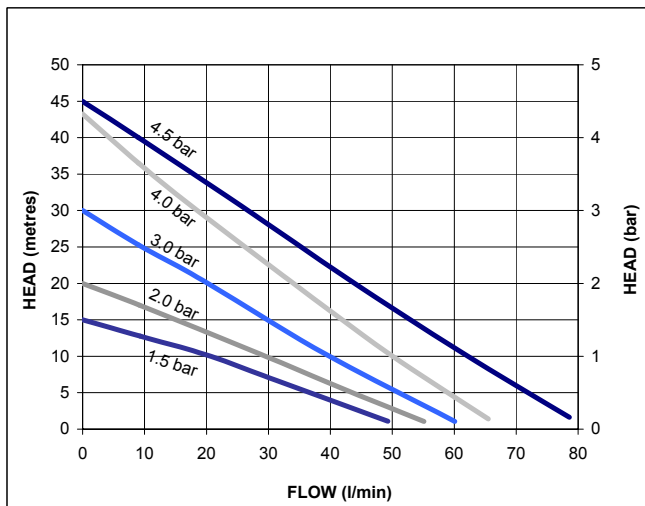
Monsoon Standard Single

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

MONSOON

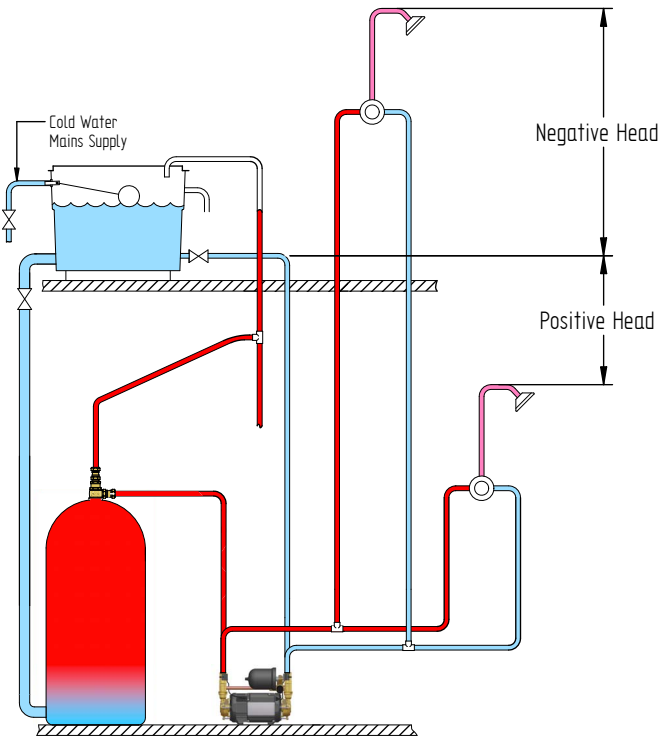


Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



The following diagrams show where Monsoon pump types would be typically located within the most commonly used plumbing systems.

Positive or Negative Head System?



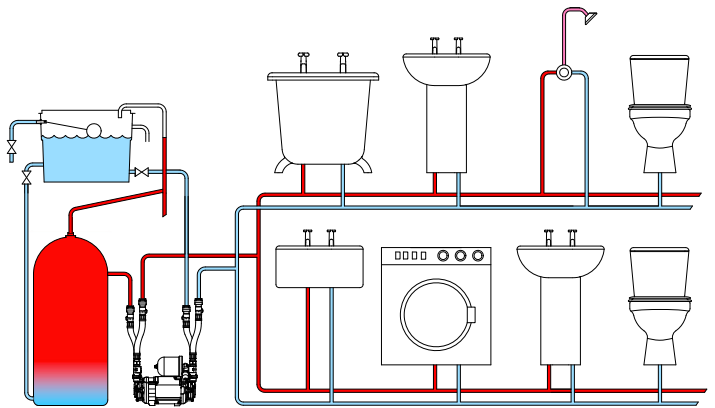
Negative Head Systems

A negative head system exists when there is insufficient pressure, under gravity, to provide a flow at the outlet. Typically a negative head condition exists where the flow from the outlet is less than 0.6 litre/min.

Positive Head Systems

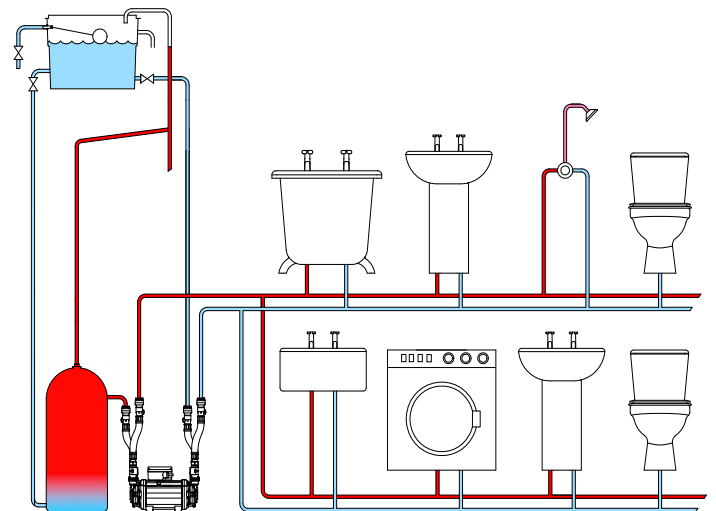
A positive head system exists when there is sufficient pressure available under gravity to provide a flow at the outlet. Typically a positive head condition exists where the flow from the outlet is more than 0.6 litre/min.

Whole House – Open Vented System Negative Head



Typical application: Monsoon Universal Twin

Whole House – Open Vented System Positive Head



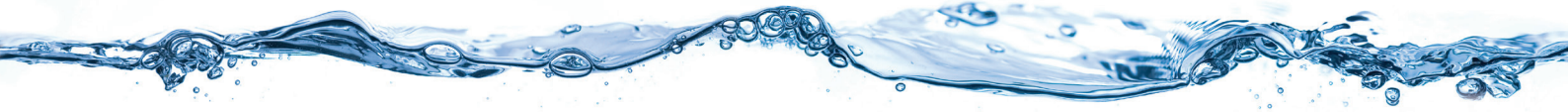
Typical application: Monsoon Standard Twin

Applications for the Monsoon range:

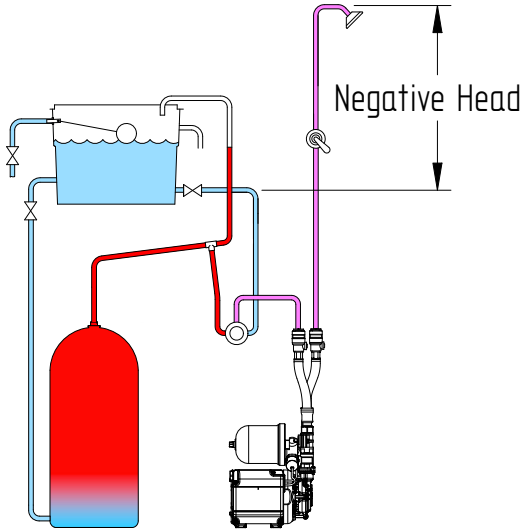


For further Application Guidance see pages 16 & 17

Pump applications

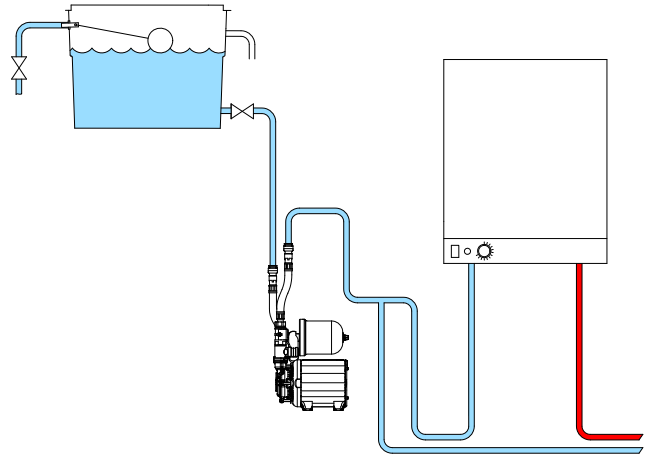


Shower Outlet – Negative Head



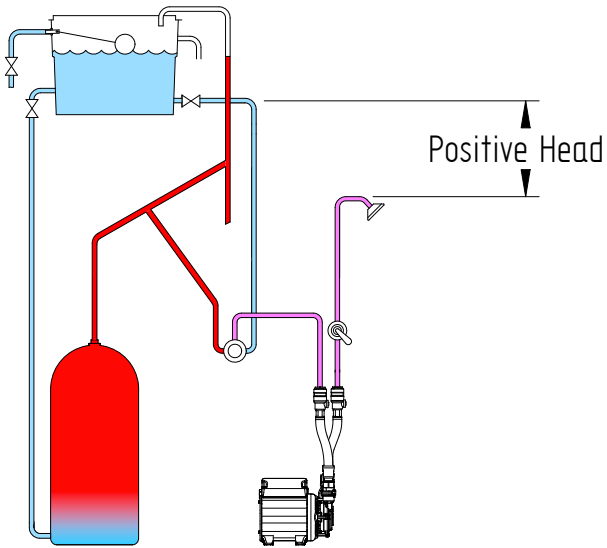
Typical application: Monsoon Universal Single

Boost Combination Boiler Only



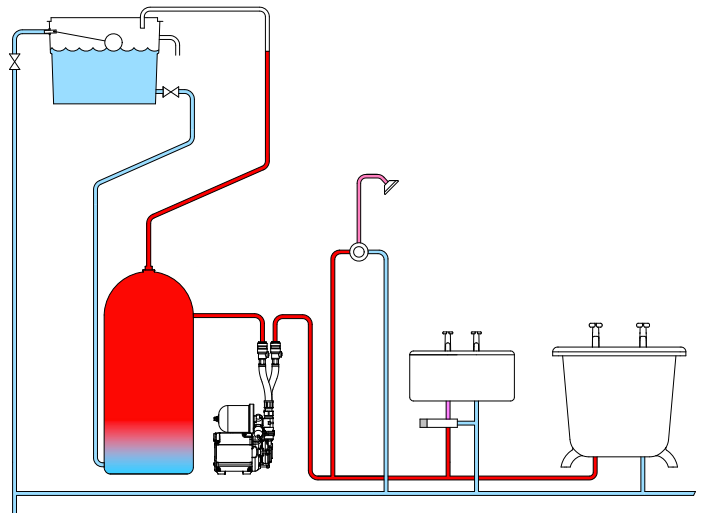
Typical application: Monsoon Universal Single

Shower Outlet – Positive Head



Typical application: Monsoon Standard Single

Boost Gravity Hot Supply (mains cold)



Typical application: Monsoon Universal Single

MONSOON

These diagrams are intended for general guidance only.

For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**



Monsoon Extra is a range of quality brass and stainless steel centrifugal multistage booster pumps, designed for larger installations that require higher flow rates.

Their high performance make them an ideal choice for high demand, multiple outlet applications including larger houses, small hotels and leisure facilities where multiple showers would be a requirement. Monsoon Extra pressure sets provide an effective solution for boosting the water supply when mains pressure is low.

Monsoon Extra are easy to install with no on-site commissioning required.

Features and Benefits

Performance

- ✓ 1.4 to 5.0 bar performance options
- ✓ Positive or negative head options
- ✓ Flow rates up to 140 litres/minute
- ✓ Quiet operation
- ✓ Centrifugal design
- ✓ Fully automatic switching
- ✓ Continuously rated

Quality

- ✓ Robust brass/stainless steel construction
- ✓ Built-in safety – low voltage controls
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

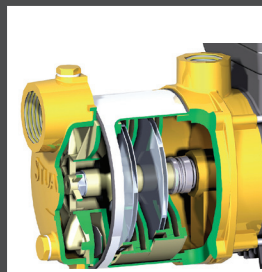
- ✓ 2 year guarantee
- ✓ Long life mechanical seal
- ✓ Integral strainer
- ✓ Fully serviceable

Monsoon Extra pumps are supplied with flexible hoses, anti-vibration feet and pre-wired for ease of installation.

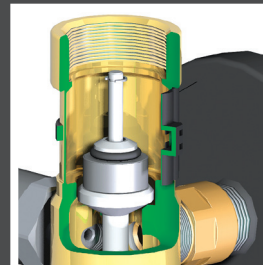


Every component of the **Monsoon Extra** range has been designed to enhance the high levels of performance, quality and reliability.

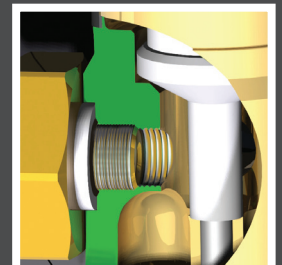
Monsoon Extra offer a range of centrifugal booster pumps designed for larger installations that require higher flow rates.



Centrifugal Design
Increased flow rates
Pressure efficient
Compact size

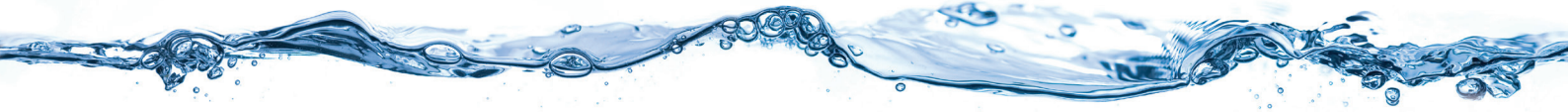


Automatic Flow Switch
Automatically starts the pump when flow exceeds 0.6 litres/min (Standard & Universal)

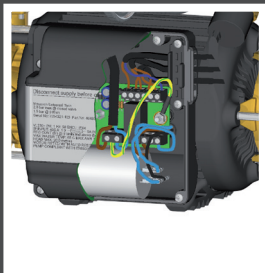


Automatic Pressure Switch
Automatically stops the pump and re-pressurises the system (Universal)

Performance without compromise

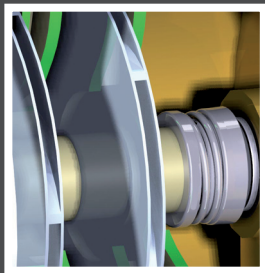


MONSOON



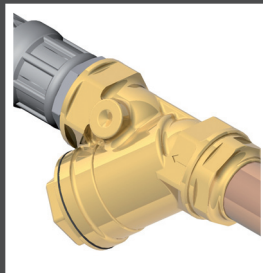
Safety

Extra low voltage (SELV) – 9v for all switching control systems
Pre-wired with 1.5 m cable – no need to access terminal box



Mechanical Seal

Carbon/Ceramic seal
Long life



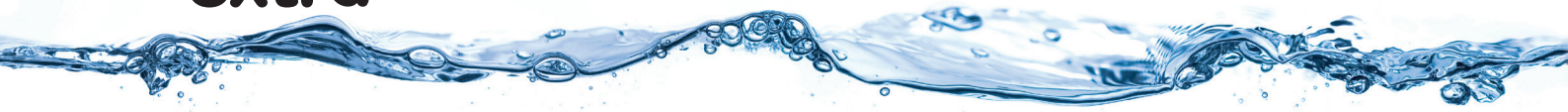
Strainer

High capacity strainer
G 1 threaded connections



Flexible Hoses

300 mm anti-vibration flexible hoses
G 1 threaded connections



Monsoon Extra Universal Single

The Monsoon Extra Universal single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system, where the outlets are either above or below the level of the cold water cistern.



WRAS Compliant
Approval Pending

Part No	Model
46593	U2.6 bar Single
46594	U3.6 bar Single
46595	U5.0 bar Single

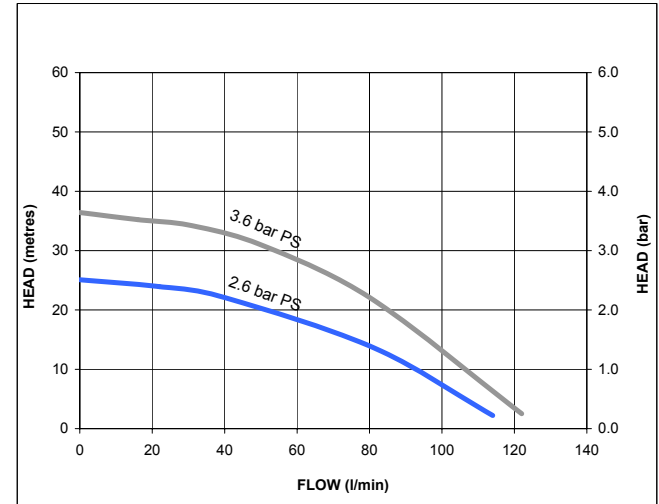
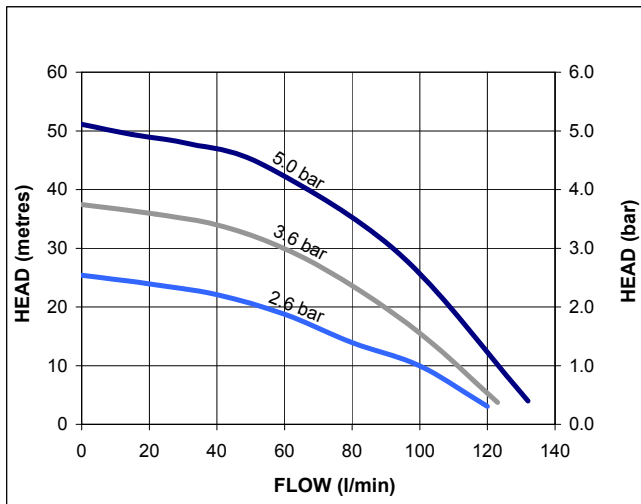
Monsoon Extra Pressure Set

The Monsoon Extra Pressure Sets are designed to meet the system demands in larger domestic and light commercial applications. The Monsoon Extra pump is mounted on to a WRAS approved 24 litre diaphragm tank providing a buffer of pressurised stored water. Ideally suited to boost stored cold water supplies to un-vented hot water cylinders/combination boilers where there is low or no mains water supply.



WRAS Compliant
Approval Pending

Part No	Model
46601	2.6 bar PS
46602	3.6 bar PS

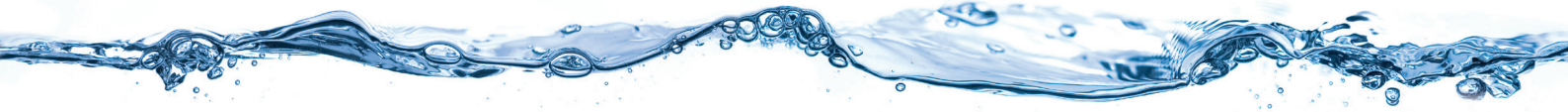


Applications for the Monsoon Extra range:



For Application Guidance see pages 14 & 15 and 16 & 17

Performance without compromise



Monsoon Extra **Universal Single**

The Monsoon Extra Universal 1.4 bar single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system where the outlets are either above or below the level of the cold water cistern.



Part No	Model
46349	U1.4 bar Single

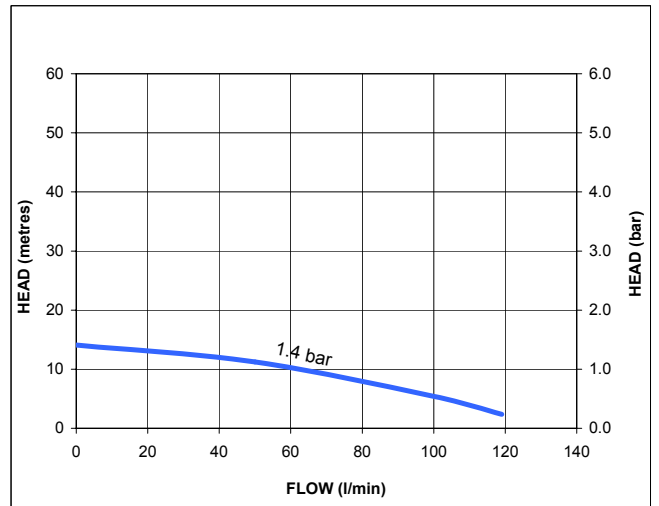
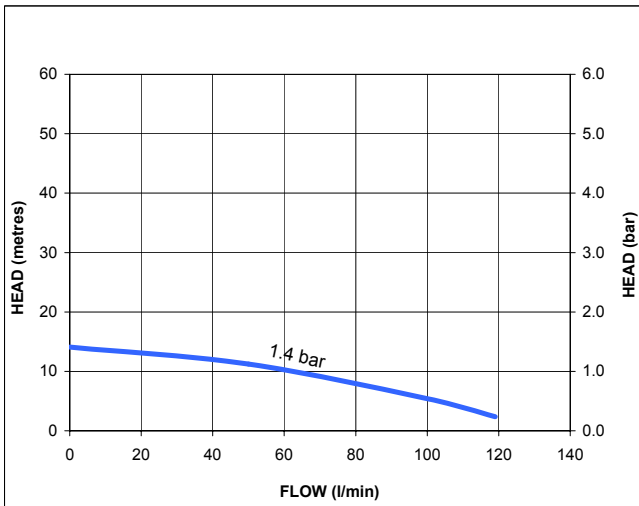
Monsoon Extra **Standard Single**

The Monsoon Extra Standard single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system where the outlets are below the level of the cold water cistern.



Part No	Model
46387	S1.4 bar Single

MONSOON



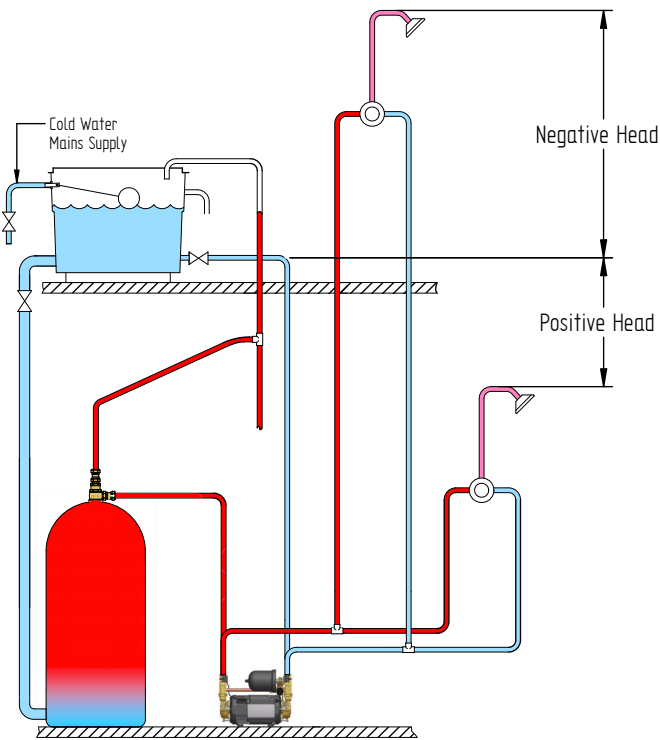
Full technical data sheets are available to download: www.stuart-turner.co.uk

For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



The following diagrams show where Monsoon Extra pump types would be typically located within the most commonly used plumbing systems.

Positive or Negative Head System?



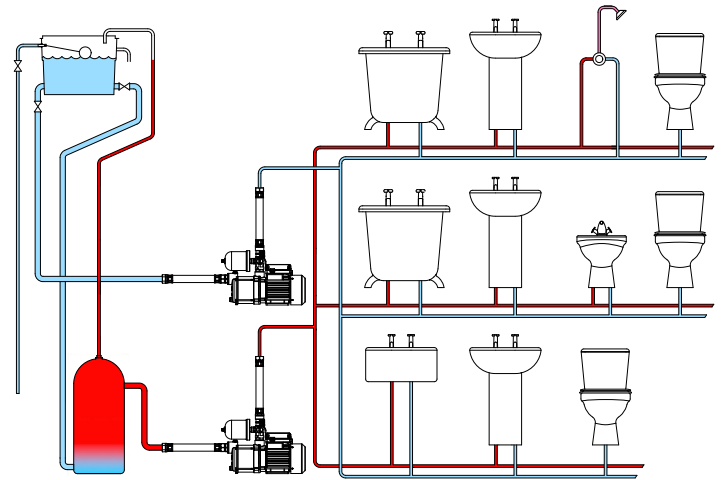
Negative Head Systems

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

Positive Head Systems

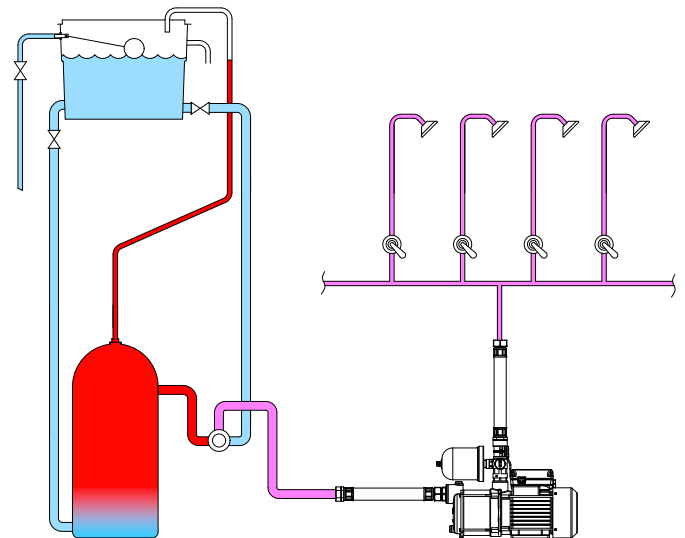
A positive head system exists when there is sufficient pressure available under gravity to provide a flow at the outlet. Typically a positive head condition exists where the flow from the outlet is more than 1 litre/min.

Large House – Open Vented System



Typical application: Monsoon Extra Universal Single x 2

Blended Supply to Multiple Outlets



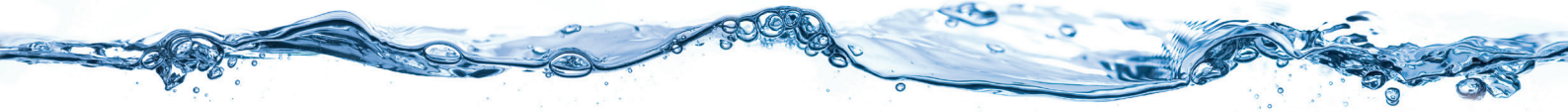
Typical application: Monsoon Extra Universal Single

Applications for the Monsoon Extra range:

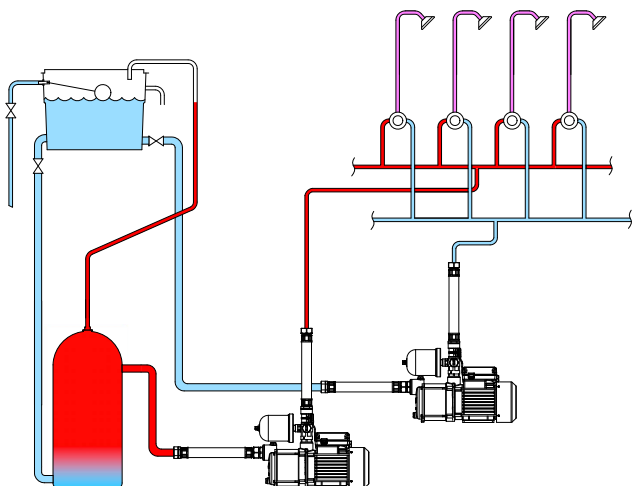


For further Application Guidance see pages 16 & 17

Pump applications

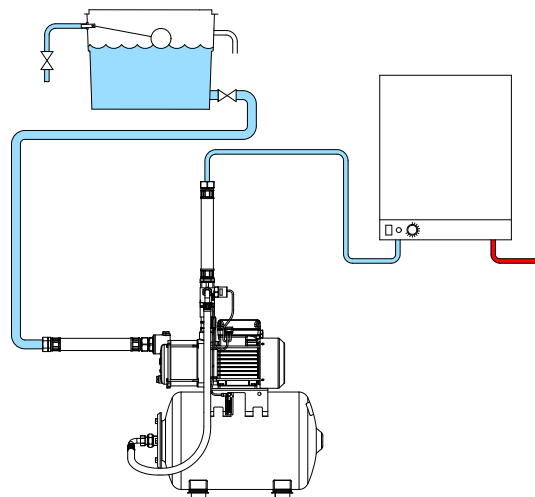


Hot and Cold Boost to Multiple Outlets



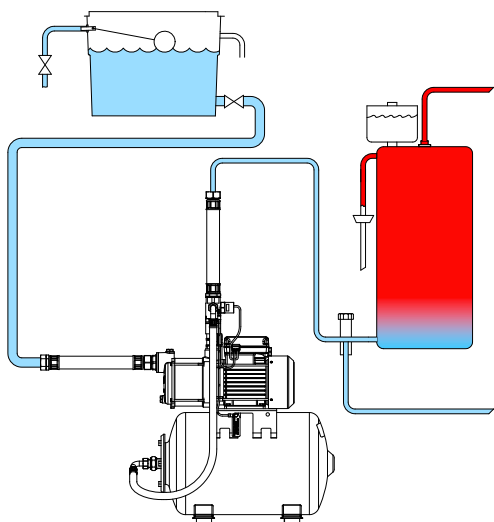
Typical application: Monsoon Extra Universal Single x 2

Cold Water Boost to Combination Boiler



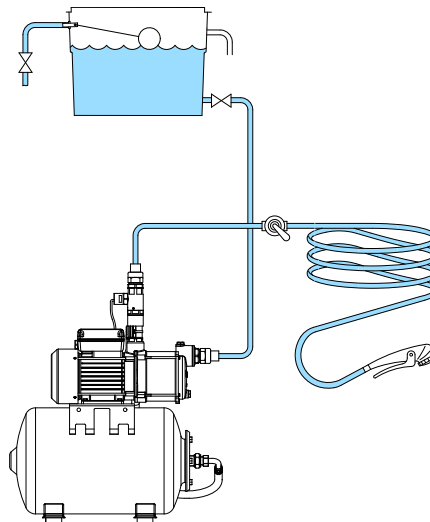
Typical application: Monsoon Extra Pressure Set

Cold Water Boost to Unvented Hot Water Cylinder



Typical application: Monsoon Extra Pressure Set

Cold Water Boost to Outlets




















Typical application: Monsoon Extra Pressure Set

MONSOON

These diagrams are intended for general guidance only.

For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**

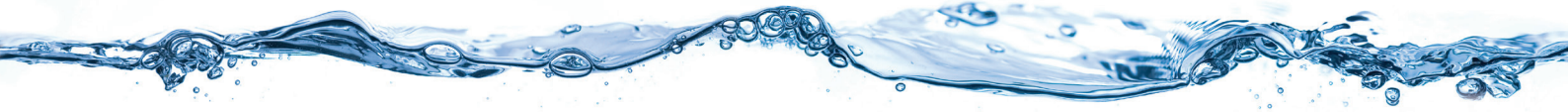


Please note that this is a general guide only and individual site conditions will vary. For further advice or technical assistance please contact our Pump Assist team on 0844 98 000 97.		Monsoon									
		TWIN									
		1.5		2.0		3.0		4.0		4.5	
		Uni	Std	Uni	Std	Uni	Std	Uni	Std	Uni	Std
PRESSURE BANDS		Medium				High					
Single Tap											
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											
Unvented stored hot water system											
Apartments		✓		✓		✓		✓			
Whole house – up to 2 bathrooms		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Whole house – up to 3 bathrooms						✓	✓	✓	✓	✓	✓
Whole house – having 4 or more bathrooms											
Commercial – multiple demand applications											

Applications for the Monsoon and Monsoon Extra ranges:



Application Guide



Monsoon						Monsoon Extra							
SINGLE						SINGLE						PRESSURE SETS	
2.0		3.0		4.5		1.4	1.4	2.6	3.6	5.0	2.6	3.6	
Uni	Std	Uni	Std	Uni	Std	Uni	Std	Uni	Uni	Uni	PS	PS	
Medium		High				Med			High				
✓	✓	✓	✓	✓	✓								
✓	✓	✓	✓	✓	✓								
✓		✓		✓									
✓ x2		✓ x2		✓ x2									
	✓		✓		✓								
		✓ x2		✓ x2				✓	✓				
✓		✓		✓									
✓ x2		✓ x2		✓ x2									
✓ x2		✓ x2		✓ x2		✓		✓	✓				
✓		✓		✓				✓	✓		✓	✓	
						✓		✓	✓	✓	✓	✓	
✓ x2		✓ x2											
✓ x2		✓ x2		✓ x2									
		✓ x2		✓ x2									
						✓ x2		✓ x2	✓ x2				
						✓	✓	✓	✓	✓	✓	✓	

MONSOON

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

For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

Showermate provides a range of high quality, high performing, plastic shower pumps, designed to boost the performance of a wide range of shower and tap outlets in domestic applications.

The range is suitable for positive and negative head applications and all Showermate pumps are simple to install, very quiet in operation and fully serviceable.

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

Quality

- ✓ Durable plastic construction
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

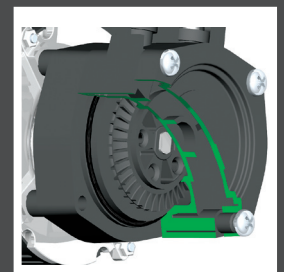
- ✓ 2 year guarantee*
- ✓ Long life mechanical seal
- ✓ Fully serviceable

Showermate pumps are supplied with flexible hoses with integral isolation valves on inlets, anti-vibration feet and pre-wired for ease of installation.



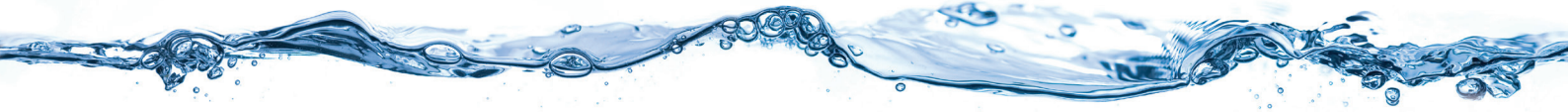
* 1 year as standard, extended to 2 years when you register your pump details online at www.stuart-turner.co.uk

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

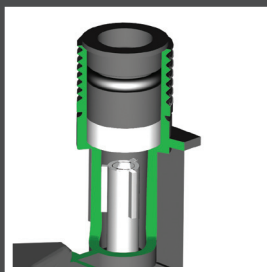


Peripheral Design
 Pressure efficient
 Compact size
 System friendly – reduces potential to airlock

Economy without compromise

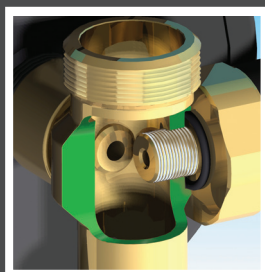


SHOWERMATE



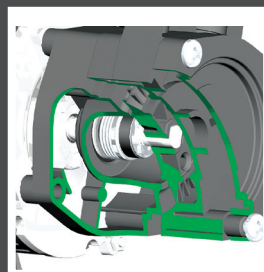
Automatic Switching

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)



Mechanical Seal

Carbon/Ceramic seal
Long life



Flexible Hoses

200 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
15 mm push fit to pipe work



Showermate Universal Twin

Universal 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 both positive and negative head applications.



WRAS Compliant
Approval Pending

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

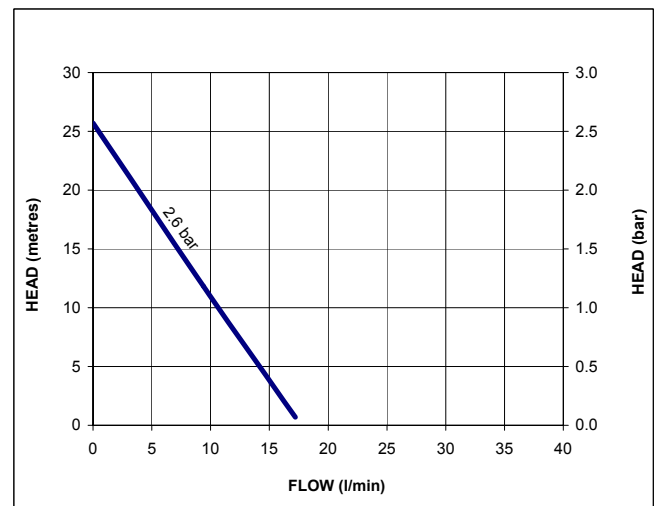
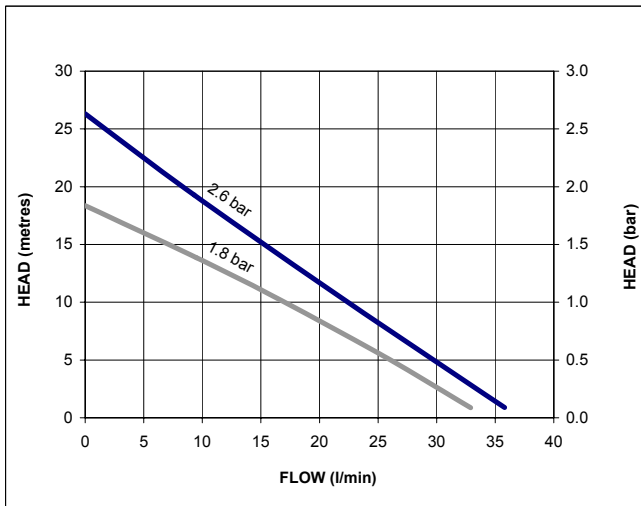
Showermate Universal Single

Universal single pumps can be used in pairs to 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.



WRAS Compliant
Approval Pending

Part No	Model
46534	U2.6 bar Single

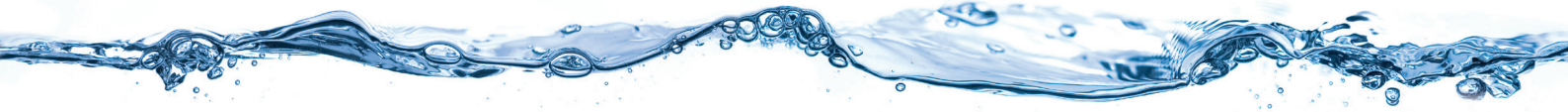


Applications for the Showermate range:



For further Application Guidance see pages 26 & 27

Economy without compromise



Showermate **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.



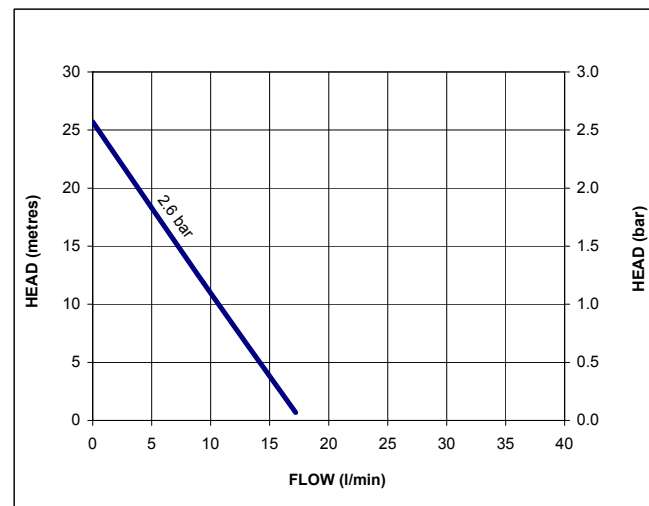
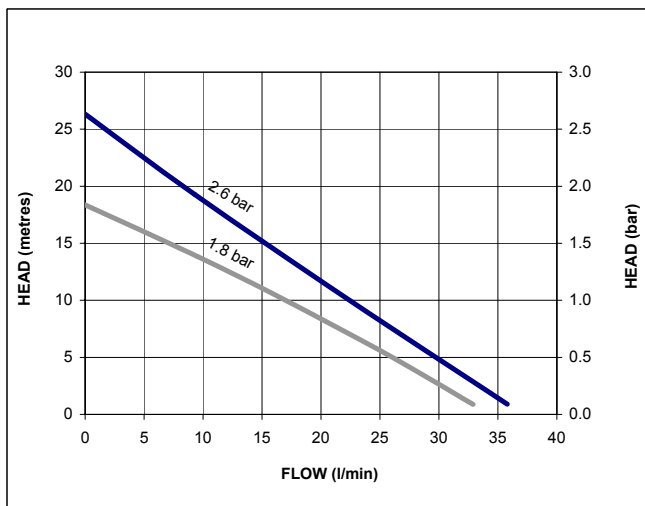
Part No	Model
46407	S1.8 bar Twin
46431	S2.6 bar Twin

Showermate **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
46429	S2.6 bar Single



SHOWERMATE

Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

Showermate eco is the ideal solution to boost the performance of single shower applications to provide an invigorating shower, offering a compact, cost effective pump for domestic use.

As with all Stuart Turner products Showermate eco pumps are simple to install and very quiet in operation.

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

Quality

- ✓ Durable plastic construction
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 2 year guarantee**
- ✓ Long life mechanical seal

Showermate eco pumps are supplied with flexible hoses with integral isolation valves on inlets, anti-vibration feet and pre-wired for ease of installation.

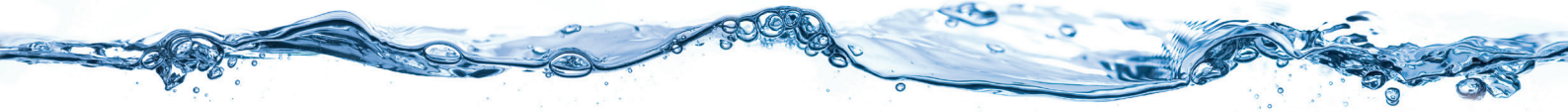


* Independently tested - 1.5 and 2.0 bar Showermate eco Twin rated quieter than competitor's equivalent models.

** 1 year as standard, extended to 2 years when you register your pump details online at www.stuart-turner.co.uk

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

Economy without compromise



SHOWERMATE



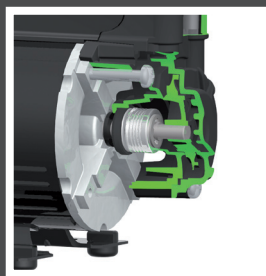
Peripheral Design

Pressure efficient
Compact size
System friendly – reduces potential to airlock



Automatic Switching

Flow Switch – automatically starts the pump when flow exceeds 0.8 litres/min



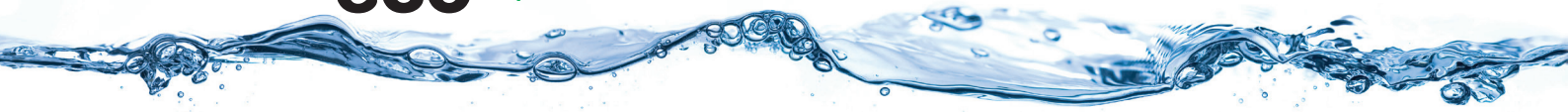
Mechanical Seal

Carbon/Ceramic seal
Long life

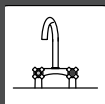


Flexible Hoses

200 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
15 mm push fit to pipe work

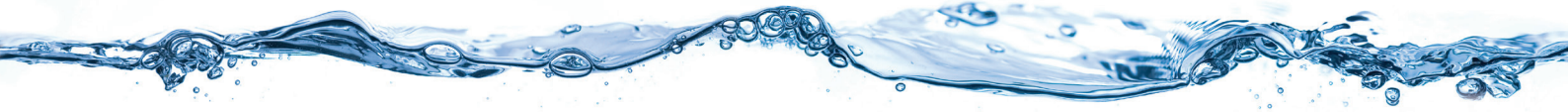


Applications for the Showermate eco range:



For Application Guidance see pages 26 & 27

Economy without compromise



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.



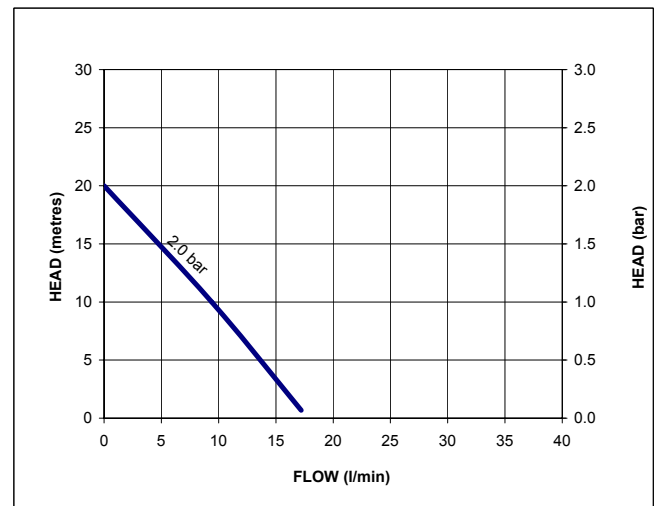
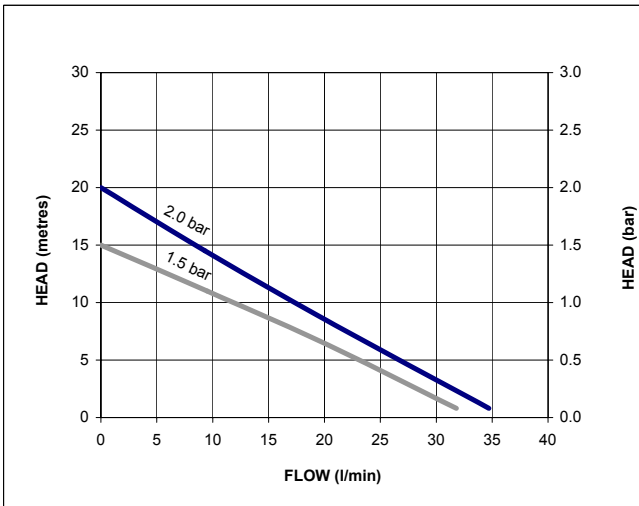
Part No	Model
46502	S1.5 bar Twin
46500	S2.0 bar Twin

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



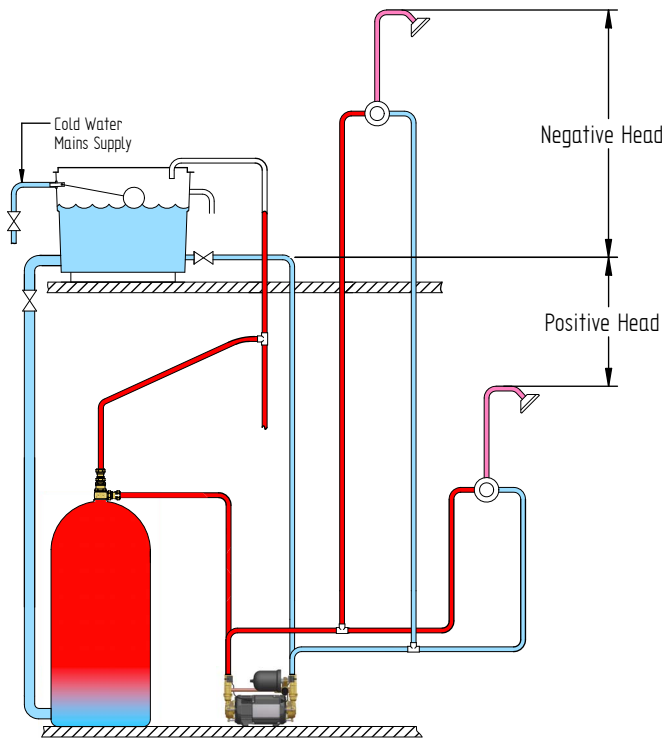
SHOWERMATE

Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

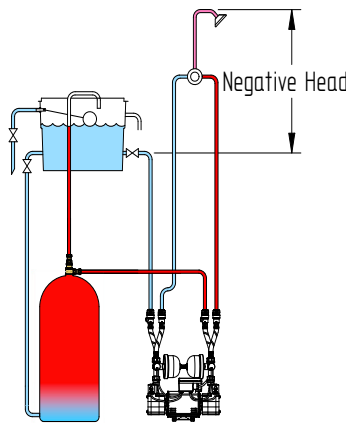


The following diagrams show where Showermate pump types would be typically located within the most commonly used plumbing systems.

Positive or Negative Head System?

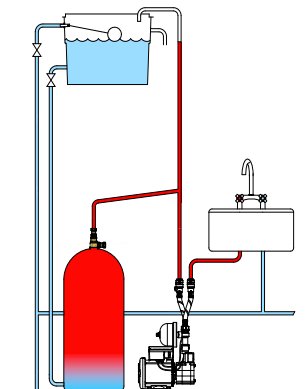


Shower Outlet Negative Head



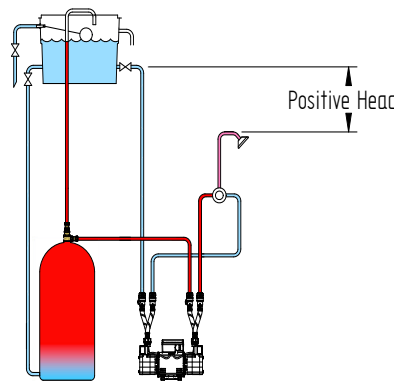
Typical application:
Showermate Universal Twin

Boost Gravity Hot Supply to High Pressure Kitchen Tap



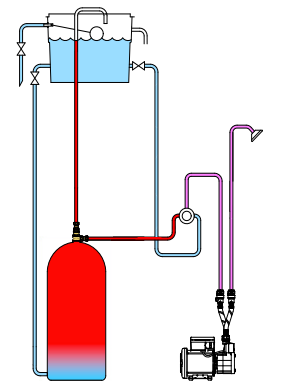
Typical application:
Showermate Universal Single

Shower Outlet Positive Head



Typical application:
Showermate Standard Twin
Showermate eco Twin

Shower Outlet Blended Supply Positive Head



Typical application:
Showermate Standard Single
Showermate eco Single

Negative Head Systems

A negative head system exists when there is insufficient pressure, under gravity, to provide a flow at the outlet. Typically a negative head condition exists where the flow from the outlet is less than 0.8 litre/min.

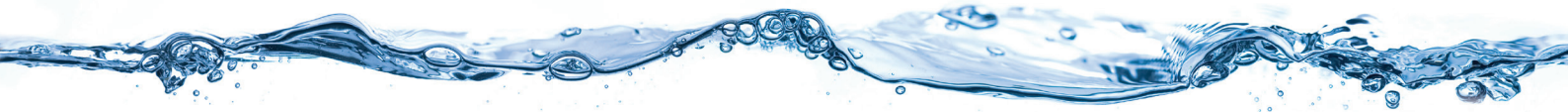
Positive Head Systems

A positive head system exists when there is sufficient pressure 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 0.8 litre/min.

Applications for the Showermate and Showermate eco ranges:



Application Guide



Please note that this is a general guide only and individual site conditions will vary. For further advice or technical assistance please contact our Pump Assist team on 0844 98 000 97.		Showermate						Showermate eco		
		TWIN				SINGLE		TWIN		SINGLE
		1.8		2.6		2.6		1.5	2.0	2.0
		Uni	Std	Uni	Std	Uni	Std	Std	Std	Std
PRESSURE BANDS		Medium						Medium		
Single Tap						✓	✓			✓
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							✓			✓
Boost tank fed cold water supply to electric shower						✓				
Standard bath-shower/shower		✓	✓	✓	✓			✓	✓	
Multi-function shower c/w body jets		Pumps suitable for these applications are available from our Monsoon range. See Monsoon pump application guide pages 16 & 17.								
Bathroom only										
Supply to combination boiler										
Unvented stored hot water system										
Apartments										
Whole house – up to 2 bathrooms										
Whole house – up to 3 bathrooms										
Whole house – having 4 or more bathrooms										
Commercial – multiple demand applications										

SHOWERMATE

These diagrams are intended for general guidance only.

For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**



Create a bathroom, kitchen or utility room anywhere with the Wasteflo range of two 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 pipe work or the appliance when servicing or maintaining the unit. Their compact 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.

Features and Benefits

Performance

- ✓ Pump up to 7 m vertically or 72 m horizontally
- ✓ Flow rates up to 120 litres/minute
- ✓ Powerful 500 watt motor
- ✓ Quiet operation

Quality

- ✓ Durable high gloss polypropylene
- ✓ ISO 9001:2008
- ✓ BS 12050 compliant
- ✓ CE compliant
- ✓ LGA tested

Reliability

- ✓ 2 year guarantee
- ✓ Easy access & servicing - No need to remove the appliance

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

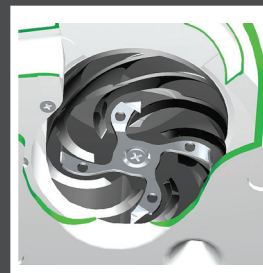


Wasteflo products provide washroom solutions for a variety of environments.



Removable Cassette System

Houses all mechanical and electrical components
Easy servicing



Helical blade

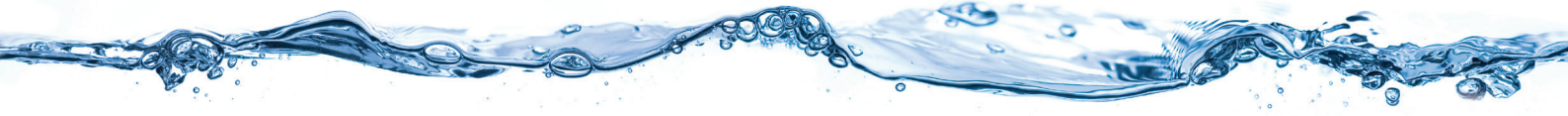
Designed to efficiently remove waste



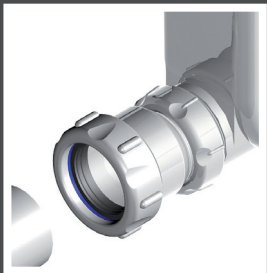
Adjustable WC Pan Connector

In built height adjustment to suit WC +/- 16 mm
Rotating cam design
Easy installation

The clean and simple way to remove waste water

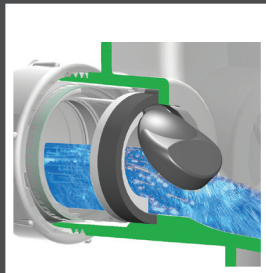


WASTEFL0



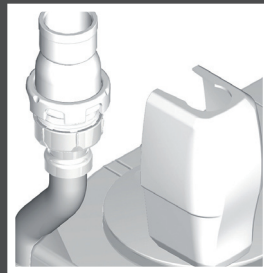
Standard Plumbing Connections

Ease of installation
Easy maintenance



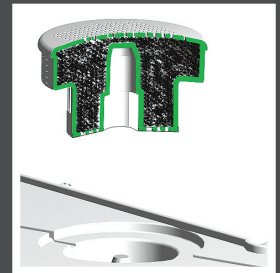
Non Return Valves on Horizontal Inlets

Avoids need for a separate trap



32 mm outlet with Non Return Valve

Improved performance



Integral Charcoal Filter

Eliminates odours



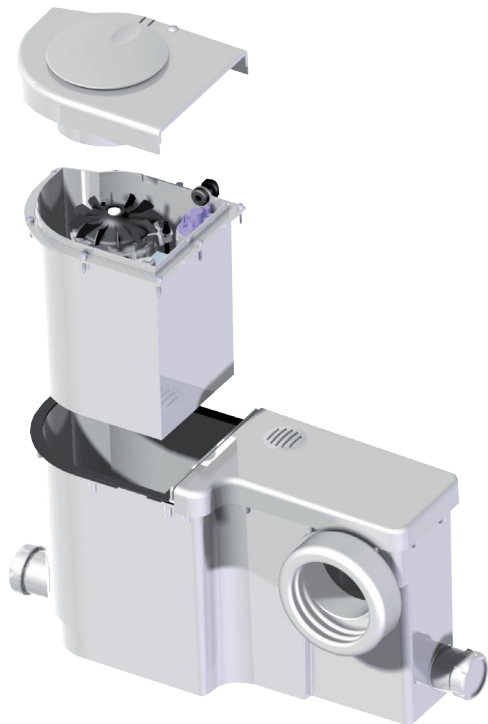
Wasteflo range

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 pipe work or the appliance when servicing or maintaining the unit.

The low noise levels of each unit means they can be located anywhere even in bedrooms, loft spaces, stairwells and within kitchen or bathroom furniture.

Removable cassette system

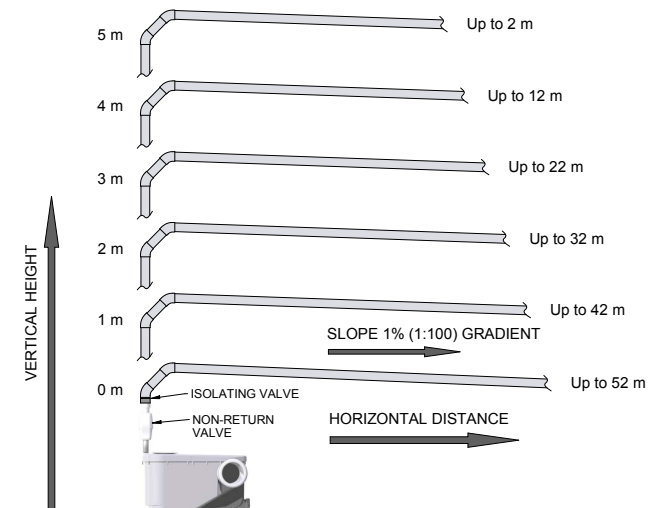


Wasteflo WC 2 Macerator

Ideal for converting any area into a simple cloakroom with a toilet and a basin



Part No	Model
46575	WC 2

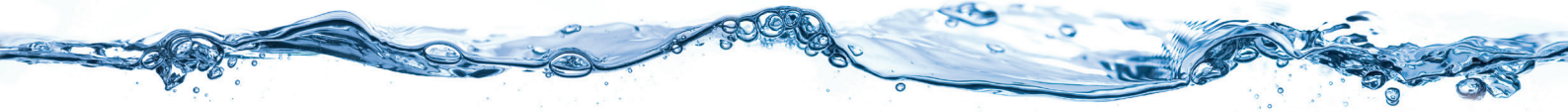


Applications for the Wasteflo range:



For Application Guidance see pages 32 & 33

The clean and simple way to remove waste water



Wasteflo WC 3 Macerator

Super slim design, ideal for transforming any area into a complete bathroom or en-suite, with a toilet, basin, shower or even a bidet.



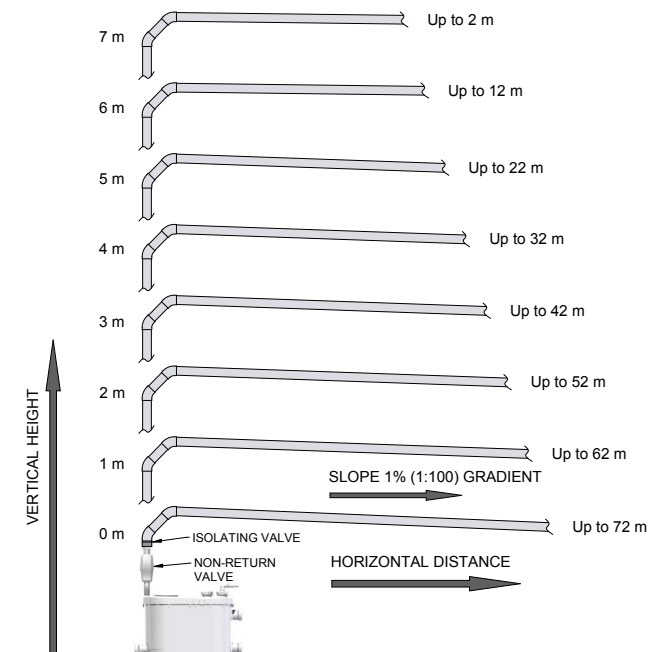
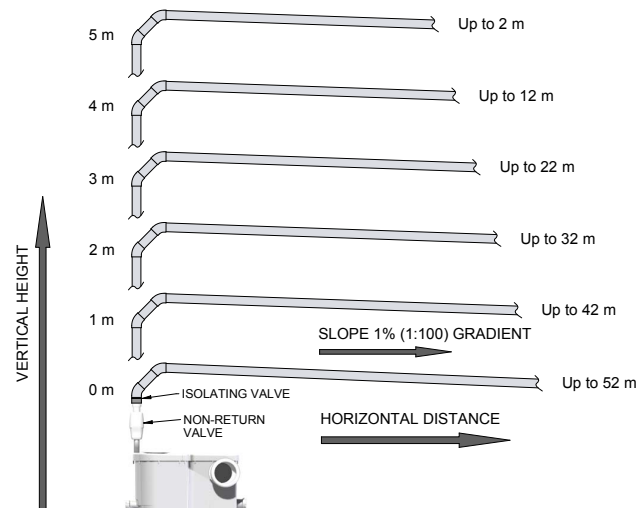
Part No	Model
46576	WC 3

Wasteflo LS 5 Lifting Station

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



Part No	Model
46577	LS 5



WASTEFLO

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

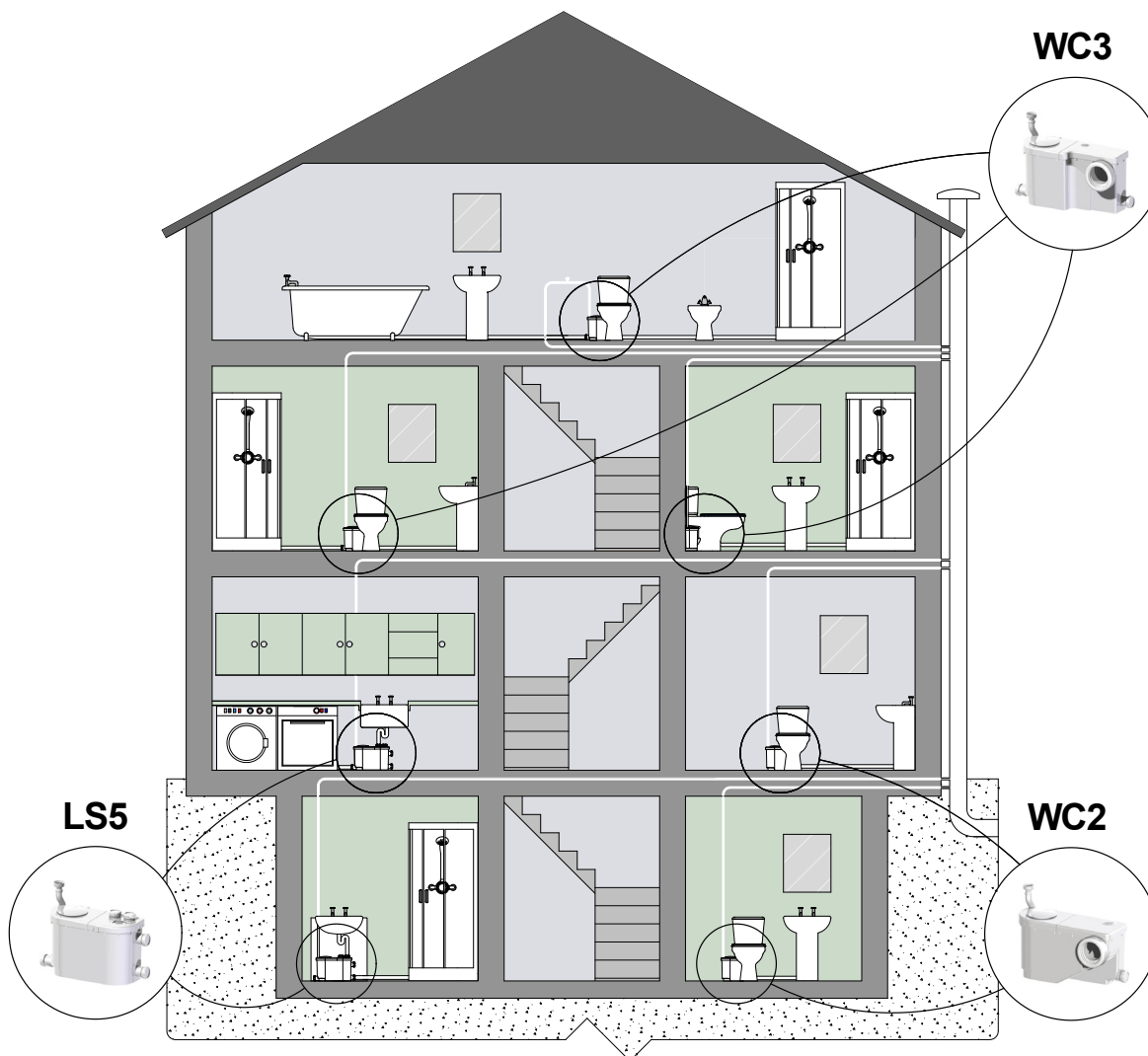
For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



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

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

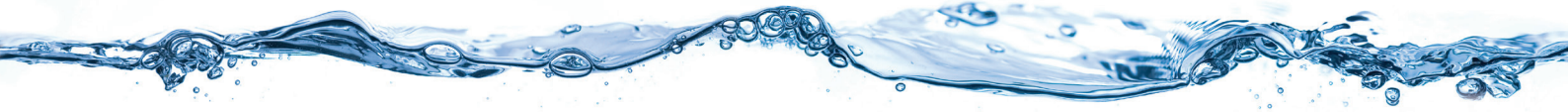
Please note that this is a general guide only and individual site conditions will vary.



This information is intended for general guidance only.

For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**

Application Guide



When do you need a macerator/lifting station?

The obstacle to creating an ensuite bathroom in a loft conversion or a cloakroom under the stairs for example, is likely to be arranging a run of 100 mm waste pipes to the soil stack.

Macerators

Sit neatly behind the WC and automatically reduce waste to a liquid form to pump it away to the soil pipe or drain.



Lifting station

Effectively lifts waste water where gravity flow is insufficient allowing a kitchen or bathroom to be added where the new bathroom would be lower than the main drainpipe.



WC 2 Macerator

Ideal for converting any area into a simple cloakroom.



WC 3 Macerator

Super slim design, ideal for transforming any area into a complete bathroom or en-suite.



LS 5 Lifting Station

Allows you to create a shower room, kitchen or utility room anywhere. The compact unit can be concealed within kitchen or bathroom furniture.

Description		WC 2	WC 3	LS 5
Toilet		✓	✓	
Wash Hand Basin		✓	✓	✓
Shower			✓	✓
Bath				✓
Bidet			✓	
Kitchen Sink				✓
Washing Machine				✓
Dishwasher				✓

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

For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



When gravity flow is insufficient wasteflo’s shower waste pump and auto gullies offer the perfect solution to quietly remove waste water from any shower, wet room or level access bathroom.

Designed with ‘smart’ technology which synchronises the system to remove waste water as quietly as a gravity system and is suitable for use with both electric and mixer showers and with all flooring options.

Features and Benefits

Performance

- ✓ Extracts up to 12 litres per minute
- ✓ Pumps up to 1 m vertically and 4 m horizontally
- ✓ Extremely quiet operation
- ✓ No commissioning required

Quality

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

Reliability

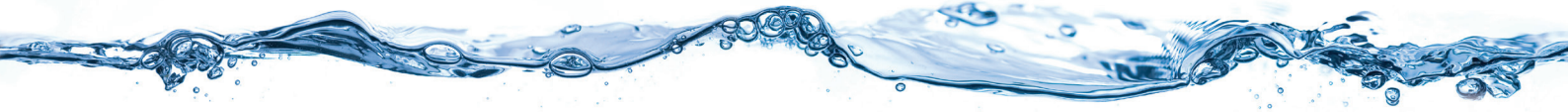
- ✓ 2 year guarantee
- ✓ Easy access flow sensor

Wasteflo shower waste pumps are supplied with auto gully, control module, variable speed pump, fixing bracket and high gloss white easy fit cover.



Wasteflo shower waste water pump and choice of auto gullies provide the ideal solution for a variety of showering environments.

The clean and simple way to remove waste water



Control Module

Pre programmed to provide final system purge.

Extra low voltage transformer
230AC - 24v supply.
IP 55 rated.



Variable Speed Pump

Built in non return valves
Non handed to ease installation
Simple 'push fit' onto supplied bracket



Built in Flow Sensor

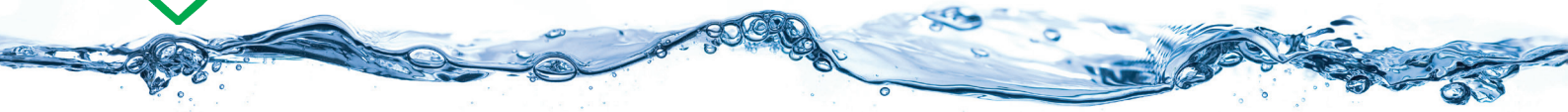
Ease of installation
Ease of maintenance



High Gloss Cover

Easy clean
Easy fit

WASTEFLO



Wasteflo shower waste pump and auto gullies are supplied complete with each of the following components, offering all you need for a variety of showering applications.

Control Module

- ✓ Senses flow rates and adjusts pump accordingly using 'smart' technology
- ✓ Pre-programmed to provide a final system purge leaving the shower area drained
- ✓ Safety Extra Low Voltage Transformer
230AC - 24v DC supply
- ✓ IP 55 rated



Variable Speed Pump

- ✓ Non-handed pump to ease installation
- ✓ Simple 'push fit' onto wall bracket
- ✓ Built-in non return valves
- ✓ 22 mm inlet & outlet
- ✓ Extracts up to 12 litres /minute
- ✓ Pumps up to 1 m vertically and 4 m horizontally



Cover

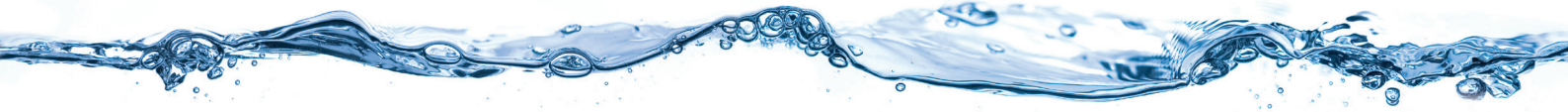
- ✓ White high gloss
- ✓ Easy clean
- ✓ Easy fit



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

For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**

The clean and simple way to remove waste water



Wasteflo SWP assembly with 52mm Shower Tray Gully

Suitable for use with a traditional step in shower tray. Extracts up to 9 litres/minute. The gully is 52 mm in diameter and 90 mm deep.



Part No	Model
46600	SWP Assembly + 52 mm Shower Tray Gully

Wasteflo SWP assembly with 90mm Shower Tray Gully

Suitable for use with a low level shower tray. Extracts up to 12 litres/minute. The gully is 90 mm in diameter and 77 mm deep.



Part No	Model
46599	SWP Assembly + 90 mm Shower Tray Gully

Wasteflo SWP assembly with Sheet Vinyl Floor Gully

Suitable for use with level access flooring. Extracts up to 12 litres/minute. The gully is 116 mm in diameter and 83 mm deep.



Part No	Model
46598	SWP Assembly + Sheet Vinyl Floor Gully

Wasteflo SWP assembly with Tiled Floor Gully

Suitable for use in wet room environments. Extracts up to 12 litres/minute. The gully is 116 mm in diameter and 83 mm deep.



Part No	Model
46597	SWP Assembly + Tiled Floor Gully

WASTEFLO

Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART

Stuart offers a diverse choice of over fifty 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 100 years of unrivalled technical expertise means we can provide customised solutions specifically aimed at the commercial and OEM markets.

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 seal options

Quality

- ✓ Robust construction
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ Over 100 years of engineering excellence
- ✓ 1 year guarantee
- ✓ Fully serviceable*

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



* With the exception of the Submersible pump range.

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

Over 100 years of unrivalled engineering and technical excellence.



CHM Range
Pages 40 - 41

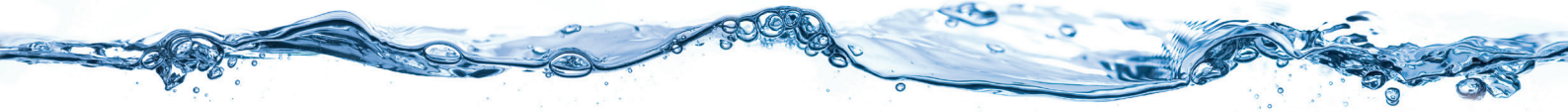


Submersible Range
Pages 42 - 45



Jet Range
Pages 46 - 47

Commercial product range



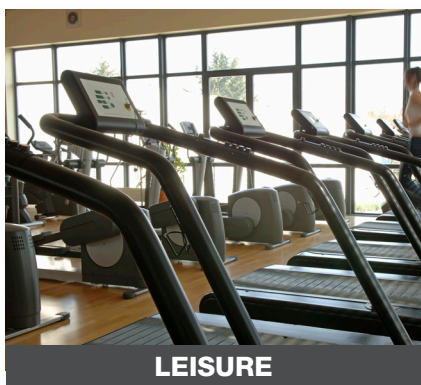
MARINE



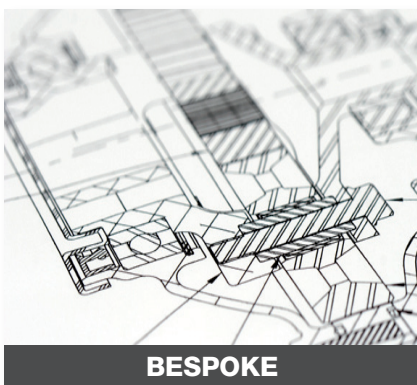
HORTICULTURE



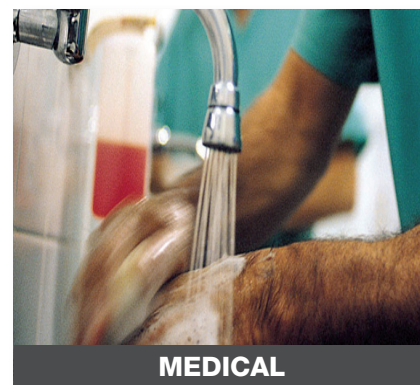
RECYCLING



LEISURE



BESPOKE



MEDICAL



COMMERCIAL



TRANSPORT



MoD



RG Range
Pages 48 - 49



ES range
Pages 50 - 51



Kennet Range
Pages 52 - 53



12/50 Range
Pages 54 - 55

STUART

CHM range

Centrifugal Horizontal Multistage Pumps

The CHM 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 1¼ Female

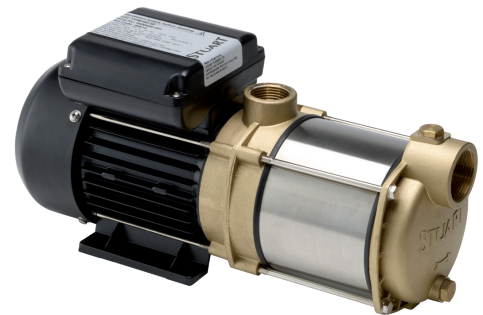
Outlet G 1 Female

Motor specification: 230/1/50

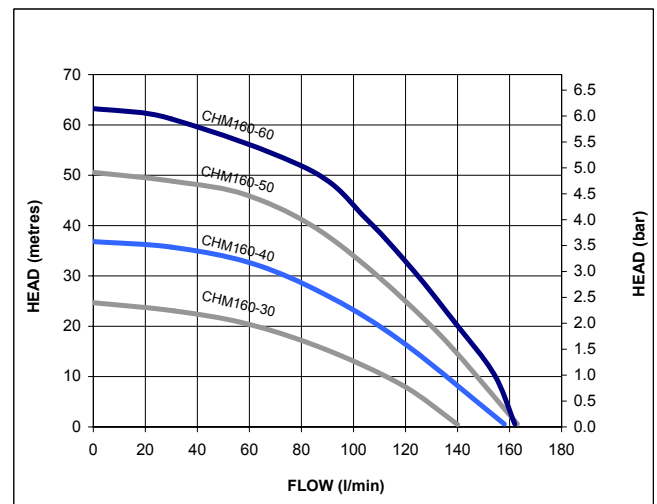


CHM

The CHM range of pumps are the ideal base unit for pressure boosting sets or for 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
46613	CHM 160-30	S/Steel	Car/Cer
46614	CHM 160-40	S/Steel	Car/Cer
46615	CHM 160-50	S/Steel	Car/Cer
46616	CHM 160-60	S/Steel	Car/Cer



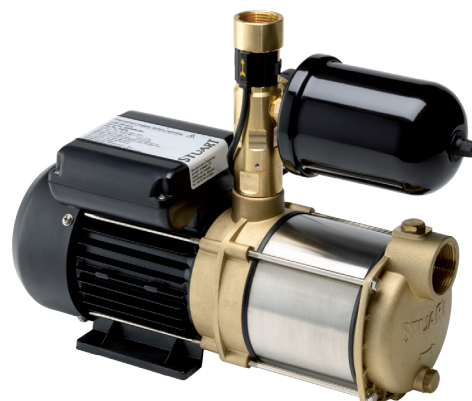
Key to seal options:

Car/Cer - Carbon/Ceramic - Long life seal suitable for general purpose applications

Commercial product range

CHM 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.

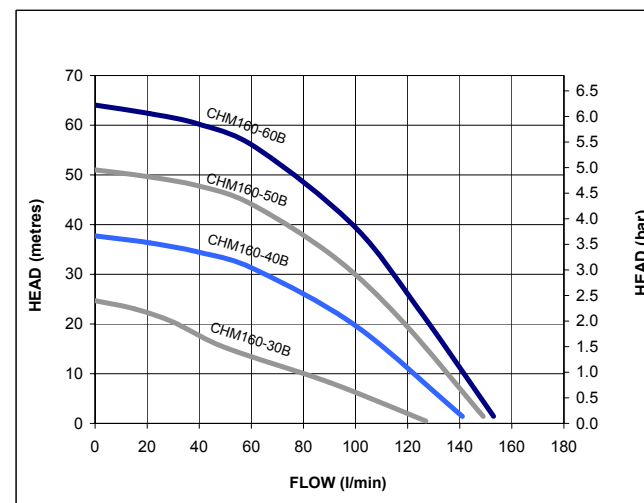
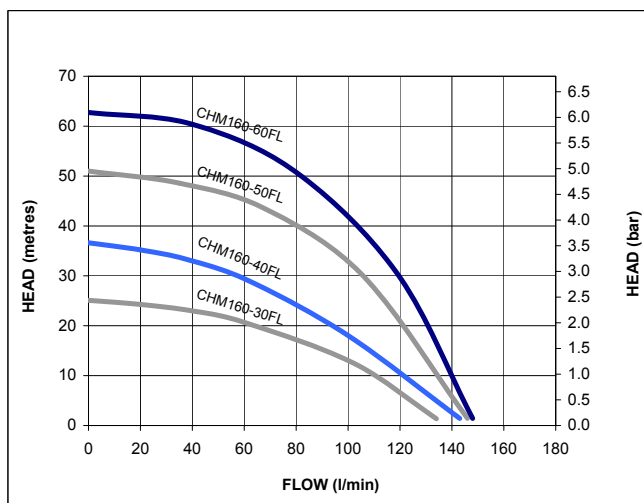


CHM Boostamatic Pressure Switch

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
46603	CHM 160-30 FL	S/Steel	Car/Cer
46604	CHM 160-40 FL	S/Steel	Car/Cer
46605	CHM 160-50 FL	S/Steel	Car/Cer
46606	CHM 160-60 FL	S/Steel	Car/Cer

Part No	Model	Impeller	Seal
46607	CHM 160-30 B	S/Steel	Car/Cer
46608	CHM 160-40 B	S/Steel	Car/Cer
46609	CHM 160-50 B	S/Steel	Car/Cer
46610	CHM 160-60 B	S/Steel	Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART



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 stepped hose connector (25 mm, 32 mm or 38 mm)

Motor specification: 230/1/50

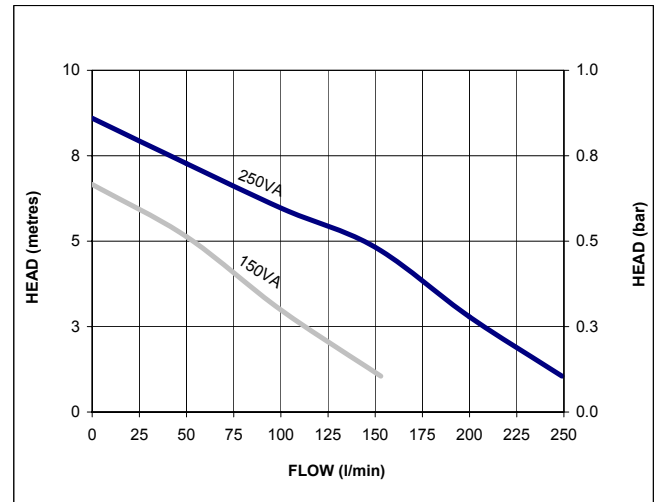


Supersub 150VA and 250VA

Designed to pump solids up to 5 mm and used in either automatic or manual modes. Complete with integral float switch.



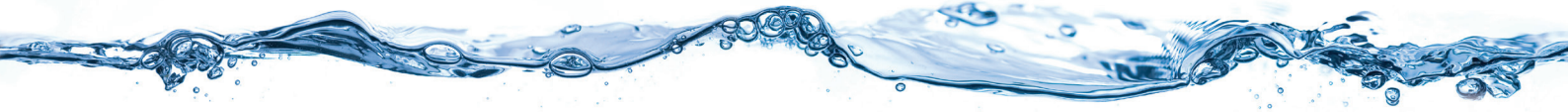
Part No	Model	Impeller	Seal
46538	Supersub 150VA	Plastic	Double Lip
46539	Supersub 250VA	Plastic	Double Lip



Key to seal options:

Double Lip - Long life nitrile seal

Commercial product range

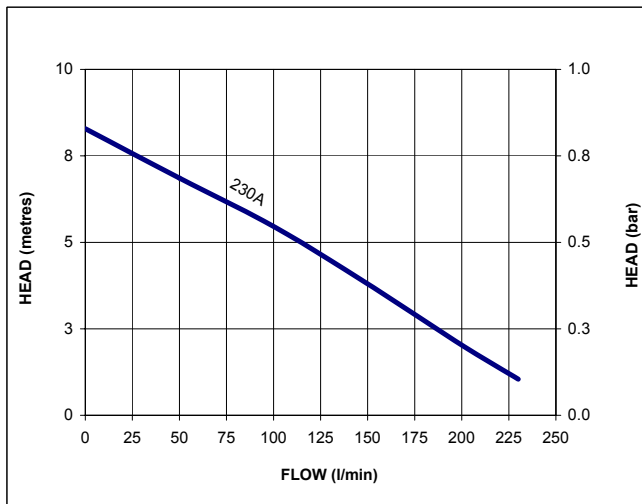


Supersub 230A

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



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

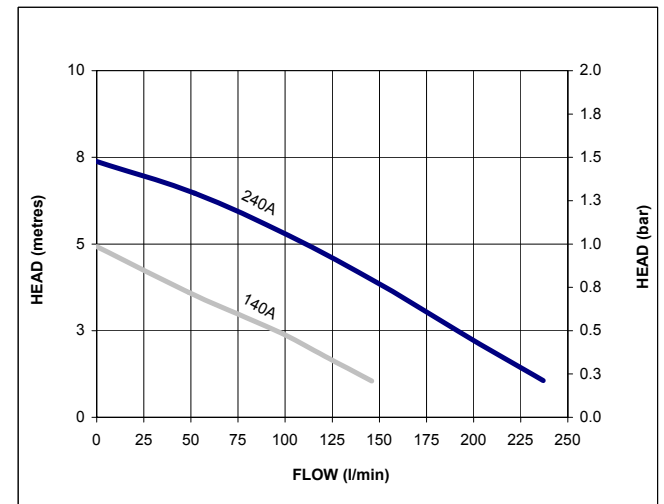


Supervort 140A and 240A

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



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



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART

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 externally fitted float switch and 25 mm hose connector.

Boostamatic options are also supplied with an Automatic Control Module.

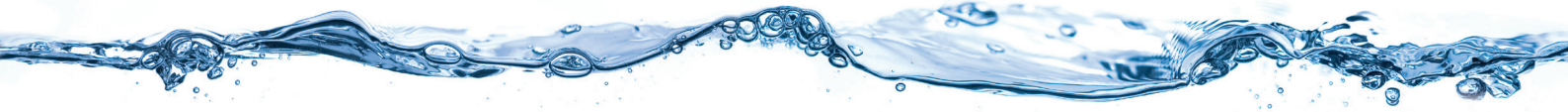
Motor specification: 230/1/50



Key to seal options:

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

Commercial product range

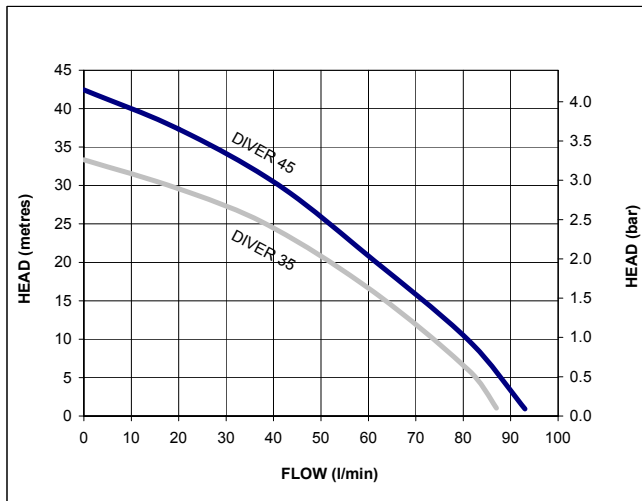


Diver

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



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

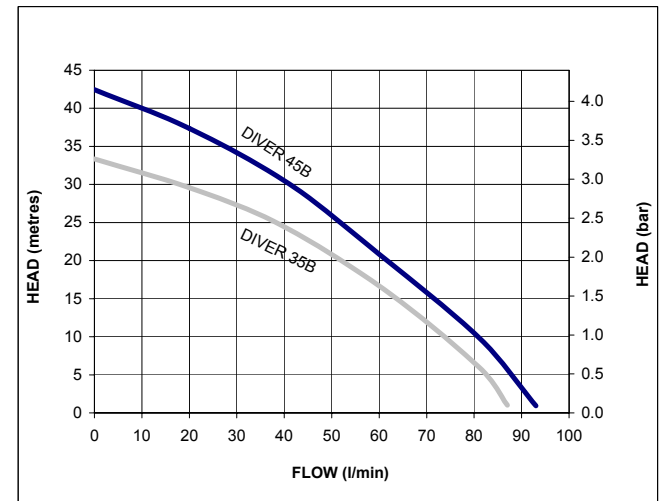


Diver Boostamatic

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
46412	Diver 45 Boostamatic	Plastic	Nit/Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



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

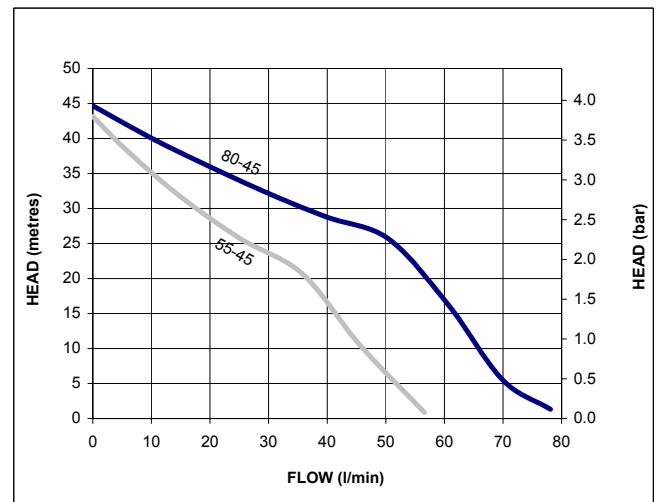


Jet

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.



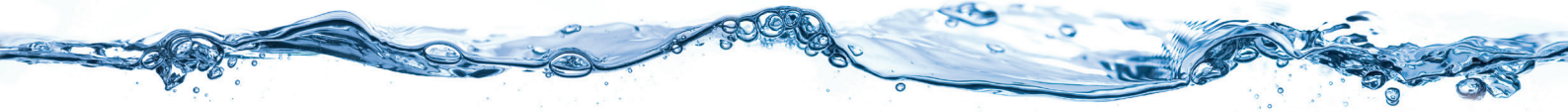
Part No	Model	Impeller	Seal
46587	55-45	Plastic	Car/Cer
46588	80-45	Plastic	Car/Cer



Key to seal options:

Car/Cer - Carbon/Ceramic - Long life seal suitable for general purpose applications

Commercial product range

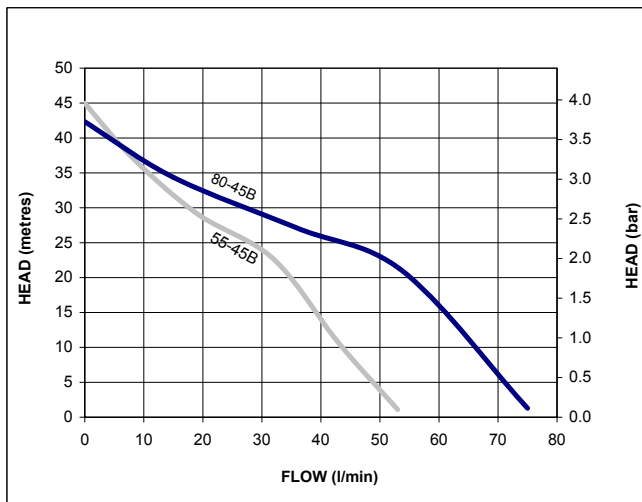


Jet Boostamatic

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	Car/Cer
46620	80-45 B	Plastic	Car/Cer

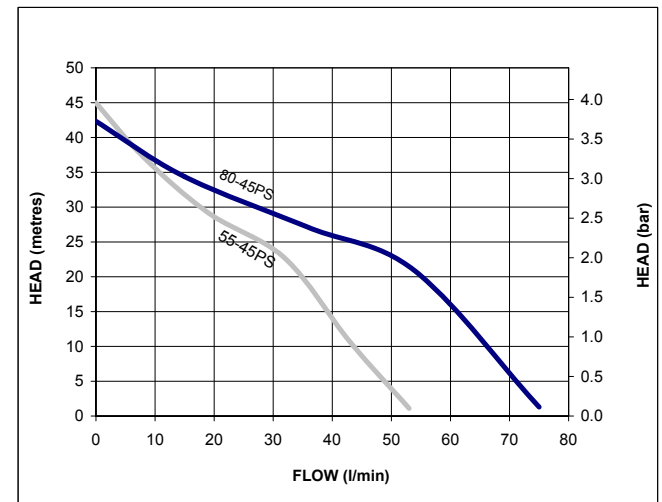


Jet Pressure Set

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	Car/Cer
46618	80-45 PS	Plastic	Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART

RG range

Peripheral Pumps

RG brass pumps feature vertical 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 long or 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

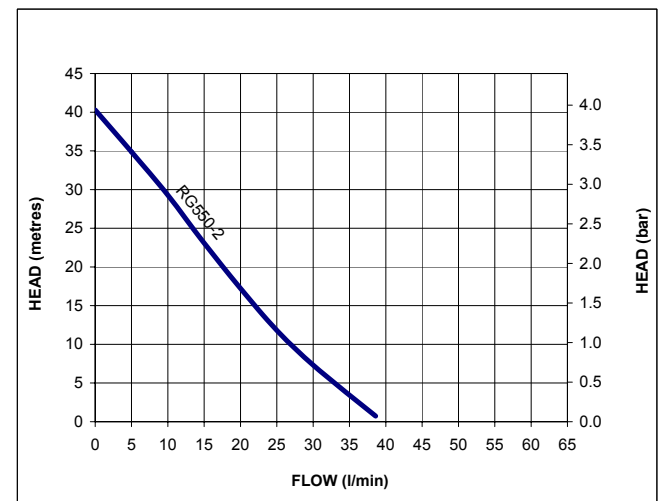


RG Stainless Steel

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.



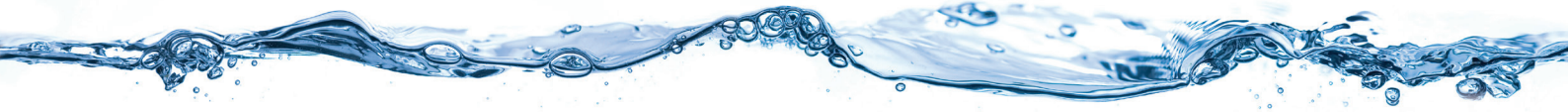
Part No	Model	Impeller	Seal
46455	RG 550-2	S/Steel	Nit/Car/Sil
46469	RG 550-2	S/Steel	Vit/Car/Sil



Key to seal options:

- Nit/Car/Cer - Nitrile/Carbon/Ceramic - Long life seal suitable for general purpose applications
- Nit/Car/Sil - Nitrile/Carbon/Silicon Carbide - Extended life seal suitable for extended wear applications
- Vit/Car/Sil - Viton/Carbon/Silicon Carbide - Extended life seal suitable for light non aggressive chemicals

Commercial product range

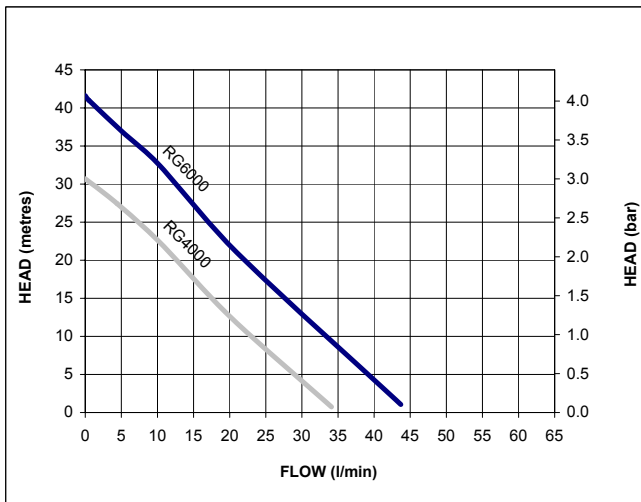


RG

The RG 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
46443	RG 4000	Brass	Nit/Car/Cer
46444	RG 4000	Brass	Nit/Car/Sil
46445	RG 4000	Brass	Vit/Car/Sil
46495	RG 6000	Brass	Nit/Car/Cer
46447	RG 6000	Brass	Nit/Car/Sil
46448	RG 6000	Brass	Vit/Car/Sil

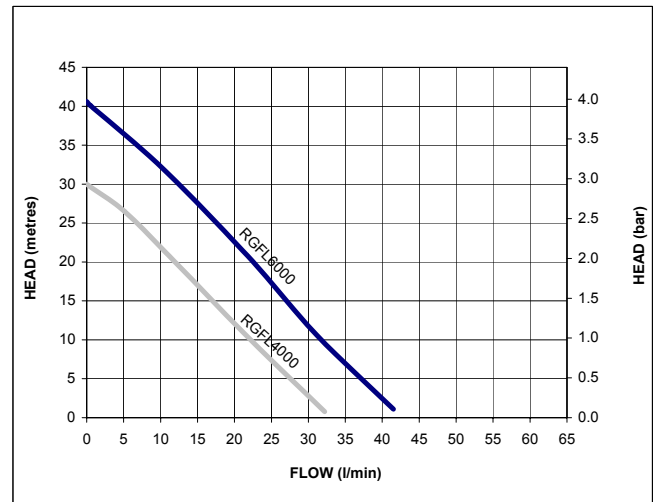


RG Automatic Flow Switch

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	RG FL 4000	Brass	Nit/Car/Cer
46530	RG FL 6000	Brass	Nit/Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART

ES range

Peripheral Pumps

ES brass pumps feature horizontal suction and vertical delivery connections.

The range includes Automatic Flow Switch and Boostomatic Pressure Switch versions, with long and 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

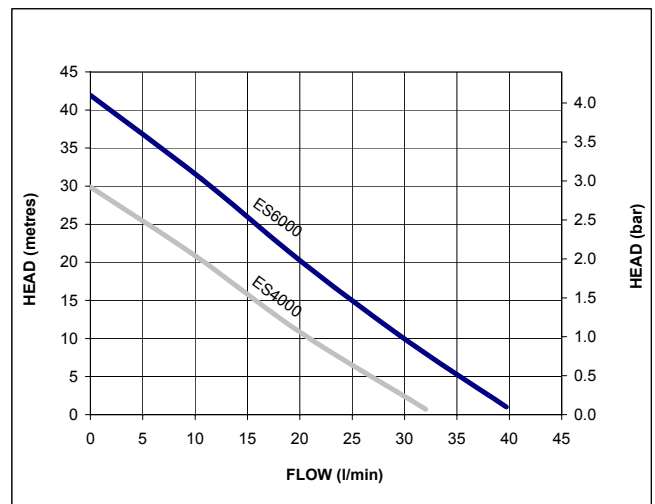


ES

The range of 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, fluid transfer and distribution. They are also suitable for flooded suction applications.



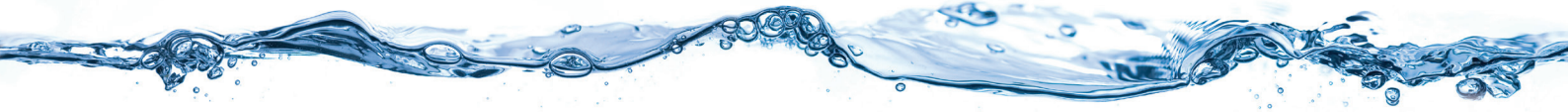
Part No	Model	Impeller	Seal
46449	ES 4000	Brass	Nit/Car/Cer
46450	ES 4000	Brass	Nit/Car/Sil
46451	ES 4000	Brass	Vit/Car/Sil
46452	ES 6000	Brass	Nit/Car/Cer
46453	ES 6000	Brass	Nit/Car/Sil
46454	ES 6000	Brass	Vit/Car/Sil



Key to seal options:

- Nit/Car/Cer - Nitrile/Carbon/Ceramic - Long life seal suitable for general purpose applications
- Nit/Car/Sil - Nitrile/Carbon/Silicon Carbide - Extended life seal suitable for extended wear applications
- Vit/Car/Sil - Viton/Carbon/Silicon Carbide - Extended life seal suitable for light non aggressive chemicals

Commercial product range



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.



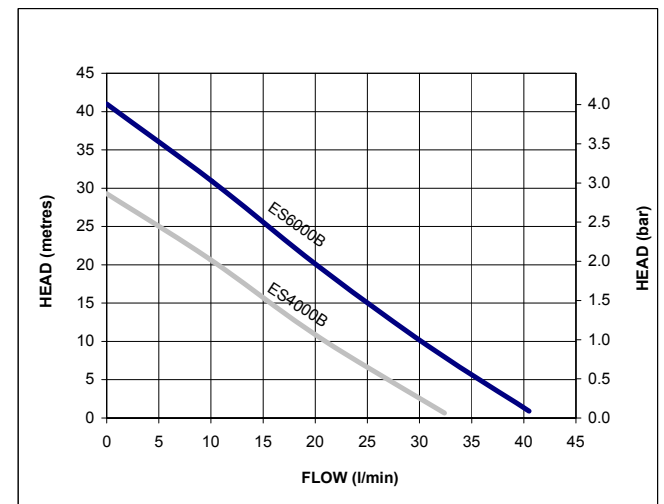
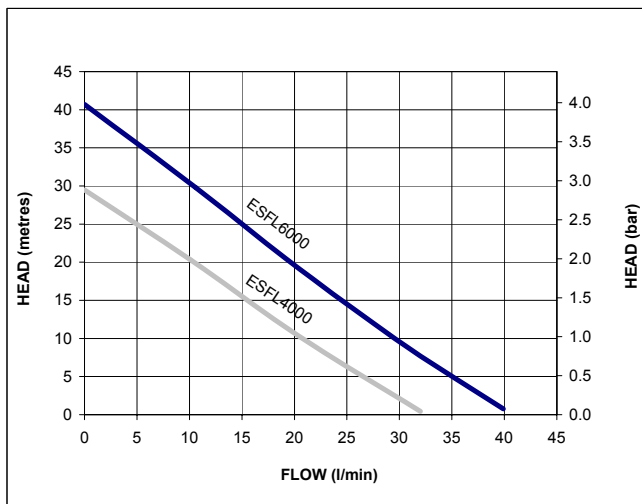
Part No	Model	Impeller	Seal
46521	ES FL 4000	Brass	Nit/Car/Cer
46520	ES FL 6000	Brass	Nit/Car/Cer

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	ES Boostamatic 4000	Brass	Nit/Car/Cer
46524	ES Boostamatic 6000	Brass	Nit/Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

STUART

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

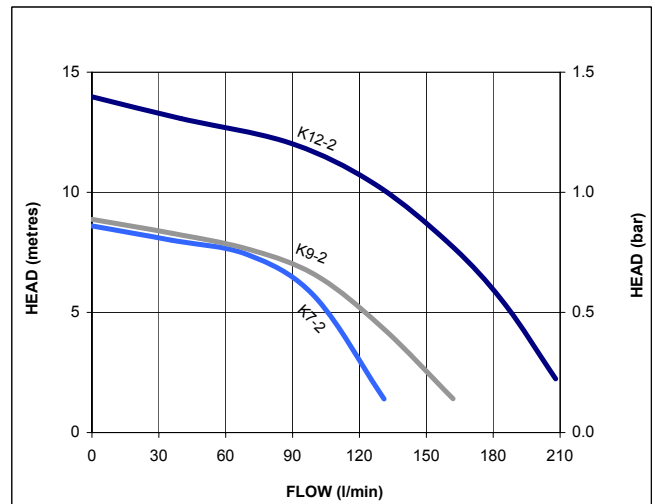


Kennet

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.



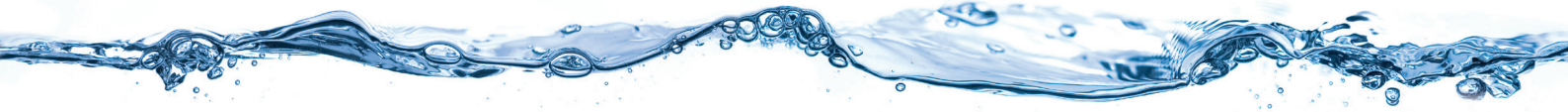
Part No	Model	Impeller	Seal
46372	K7-2	Plastic	Nit/Car/Cer
46374	K9-2	Plastic	Nit/Car/Cer
46379	K12-2	Plastic	Nit/Car/Cer



Key to seal options:

Nit/Car/Cer - Nitrile/Carbon/Ceramic - Long life seal suitable for general purpose applications

Commercial product range

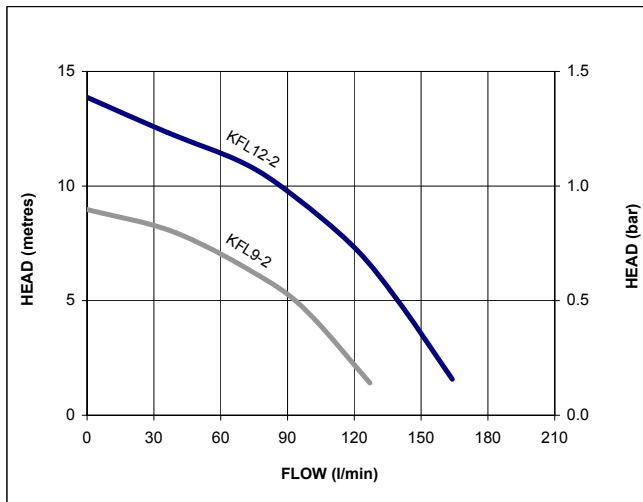


Kennet **Automatic Flow Switch**

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.



Part No	Model	Impeller	Seal
46384	KFL9-2	Plastic	Nit/Car/Cer
46385	KFL12-2	Plastic	Nit/Car/Cer

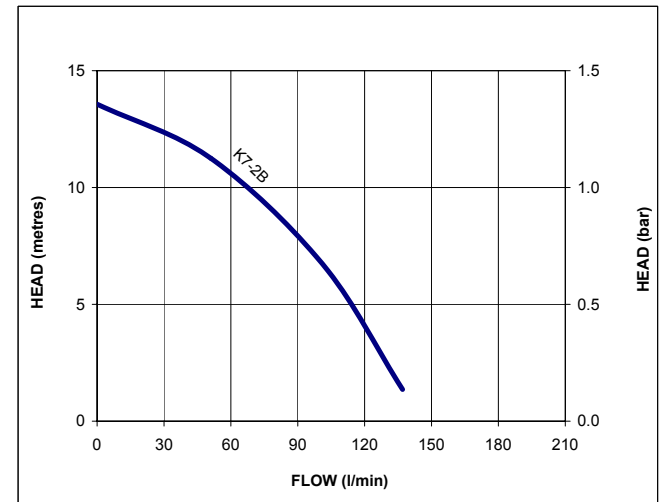


Kennet **Boostamatic Pressure Switch**

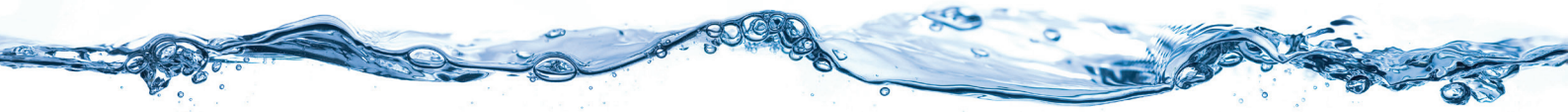
Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46525	K7-2 Boostamatic	Plastic	Nit/Car/Cer



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



12/50 range

Centrifugal Pumps

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

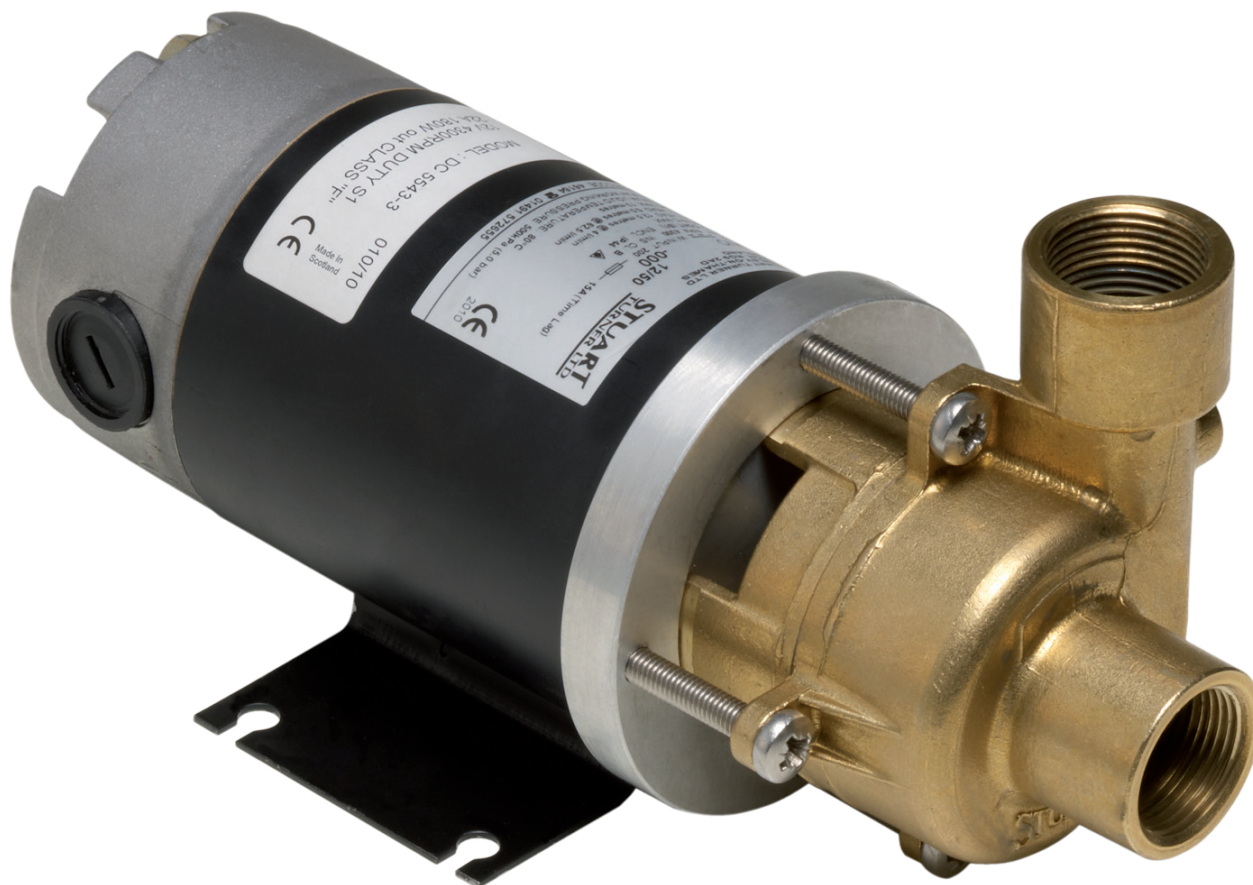
Options include a choice of plastic or brass impellers and long or extended life seals.

12v or 24v 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:

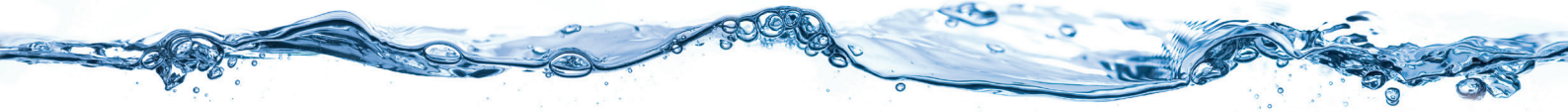
Nit/Car/Cer - Nitrile/Carbon/Ceramic

- Long life seal suitable for general purpose applications

Vit/Car/Sil - Viton/Carbon/Silicon Carbide

- Extended life seal suitable for light non aggressive chemicals

Commercial product range



12/50 12v

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.



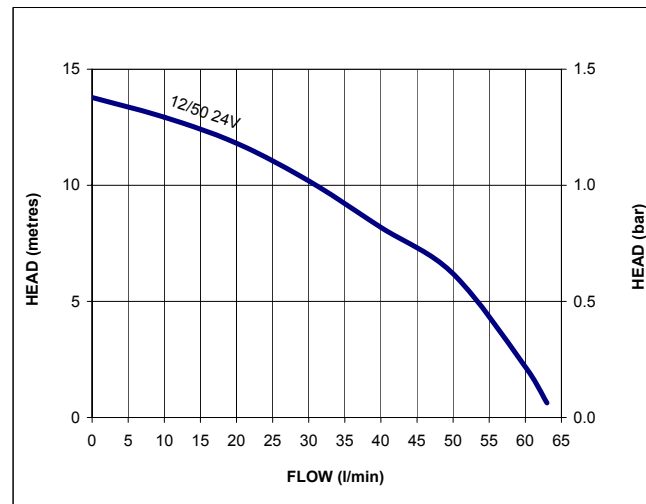
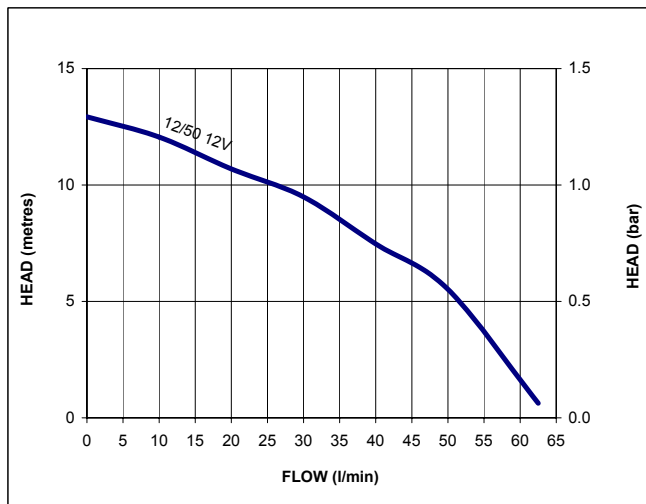
12/50 24v

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.



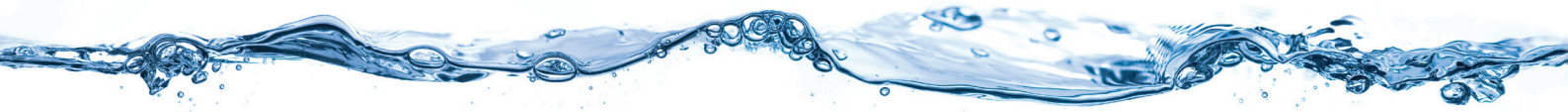
Part No	Model	Impeller	Seal
46164	12/50 12V	Plastic	Nit/Car/Cer
46166	12/50 12V	Brass	Nit/Car/Cer
46167	12/50 12V	Brass	Vit/Car/Sil

Part No	Model	Impeller	Seal
46212	12/50 24V	Plastic	Nit/Car/Cer
46168	12/50 24V	Brass	Nit/Car/Cer
46169	12/50 24V	Brass	Vit/Car/Sil



Full technical data sheets are available to download: www.stuart-turner.co.uk
 For further advice on selecting the correct pump call Pump Assist 0844 98 000 97

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:

Control Module **41011**



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:

Float Switch **26638**



Floating Switch

Simple to install, these switches are designed to control a pump to automatically fill or empty a water tank/cistern. Available in 3 metre or 5 metre cable lengths.

Part No:

3 m - Fill only **19500**

5 m - Fill only **19501**

3 m - Fill or empty **19638**

5 m - Fill or empty **19639**



Tank Flange

The Stuart Flange provides a dedicated hot water feed from the hot water cylinder to the shower pump, reducing the possibility of introducing air into the supply. The unique design allows 360° positioning of the pump connections for ease of installation.

Part No:

Tank Flange **27800**



In-line Strainers

Inlet strainers are standard within our Monsoon ranges, however we would recommend use of an in-line strainer with our Showermate ranges.

Part No:

G 3/4" BSP Strainer **15726**

G 1" BSP Strainer **16291**

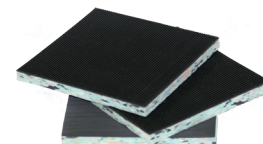


Mounting Pad

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

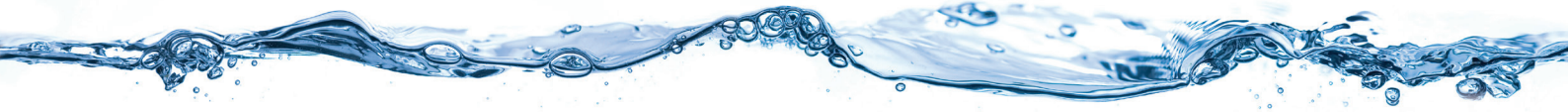
Part No:

Mounting Pad **27124**



For further advice on selecting the correct pump call **Pump Assist 0844 98 000 97**

Service Kits and Spare Parts



Spare parts and service kits are available allowing you to service your Stuart Turner product, ensuring many years of trouble free service.

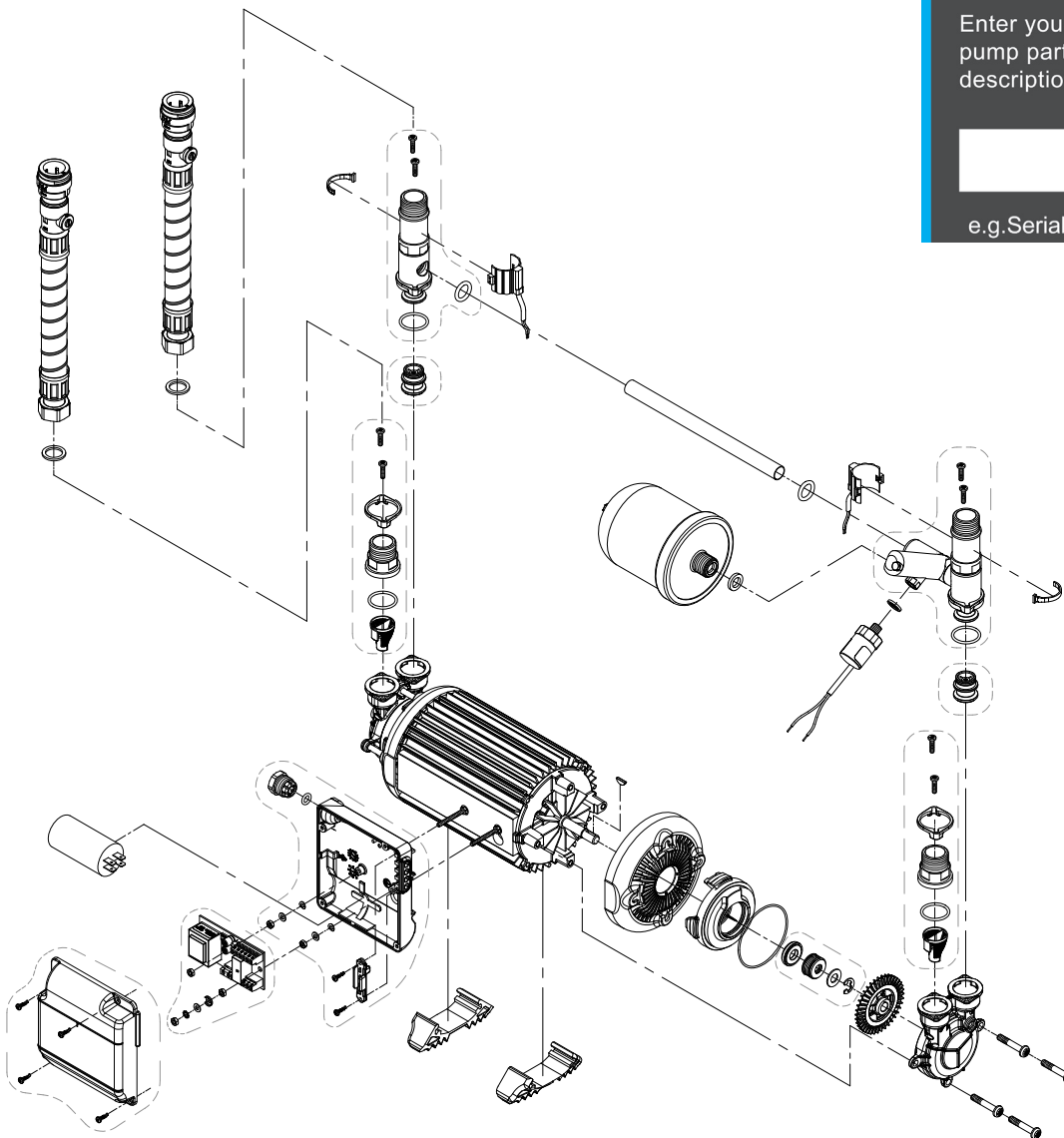
To support this we maintain a comprehensive listing of service kits and spare parts so you can easily identify the correct parts by visiting our website.

Find Spare Parts

Enter your serial number,
pump part number or
description

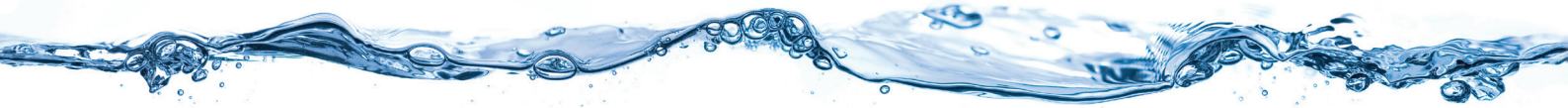


e.g. Serial number 1234567-123



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

Pump Assist - service and support



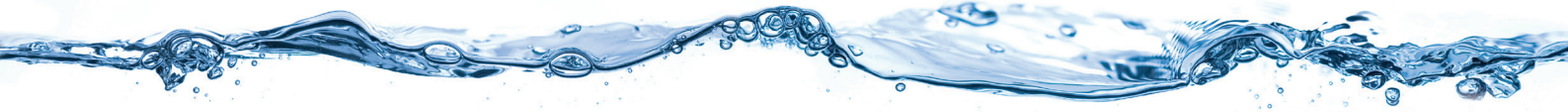
Stuart Turner has a long and distinguished history of designing and manufacturing quality products. We take pride in developing and manufacturing new products by utilising our experience through technical and engineering excellence, state of the art manufacturing facilities, continued research and development, so when you choose a Stuart Turner product you are investing in a name you can trust.

We are renowned for high standards of product quality and customer service, further enhanced by our Pump Assist team.

Pump Assist are experts in our field and able to give help and advice on choosing the correct product for your application along with ensuring the product is correctly installed. The team can also help with fault diagnosis; while the life span of our products is second to none, and come with lengthy guarantee periods, many of our customers choose to regularly service their Stuart Turner product and optimise its life cycle. The team can offer advice over the phone if required and can also help customers to find a local stockist from our extensive national database.



‘We take care to deliver our services and our values and are committed to continual improvement.’



Pump Assist is a dedicated & 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.



Fault diagnosis and repair advice

The life span of our products is second to none. Many customers choose to regularly service their pumps to optimise product life cycles. If you want your pump serviced or repaired, Stuart Turner offer a very efficient and cost effective service.



Find a local stockist

Finding a local stockist couldn't be easier, just call our team and they will advise you of the nearest one in your area. Our database is extensive throughout the UK & Republic of Ireland, as well as considerable world wide coverage.



Pump Assist

For Pump Assist help, guidance or advice simply call

0844 98 000 97



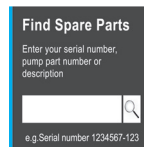
Contact an approved service engineer

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.



Find the right spare parts

You can order all spare parts directly from our website. Click on the find spare parts link or call the team and they will be happy to help you find the correct parts and take your order.



Register an extended guarantee

You can now do this online, simply click on the register guarantee link. Alternatively call our team and they will be happy to take all your details and register your guarantee extension for you.



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 FAQs & troubleshooting guidelines or alternatively call our team for more specific assistance.



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

For further advice on selecting the correct pump call Pump Assist 0844 98 000 97



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without notice.

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Stuart Turner Ltd - Inspired by water, delivered through technology

