

Showermate



 **MODERN PLANT**

The Home of
Control & Automation
in Ireland

**STUART
TURNER** 
ENGINEERED TO EXCEL

showermate

Showermate provides a range of high quality, high performing, plastic shower pumps.

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.

Features and benefits

Performance

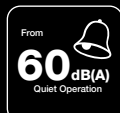
- 1.8 to 2.6 bar performance options
- Positive or negative head options
- Twin or Single
- Quiet operation
- System friendly peripheral design
- Automatic switching
- Dry run protection
- Continuously rated

Quality

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

Reliability

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



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

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



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

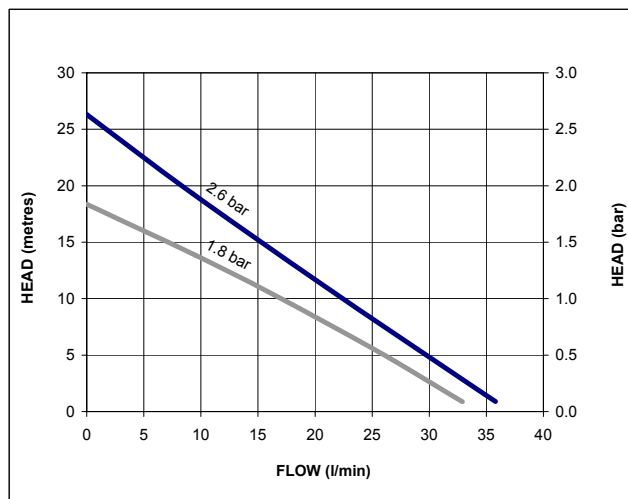
showermate

Showermate **Universal Twin**

Universal twin pumps are designed to boost the incoming hot and cold water supply to a shower, bath, shower mixer or mixer tap. Suitable for both positive and negative head applications.



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

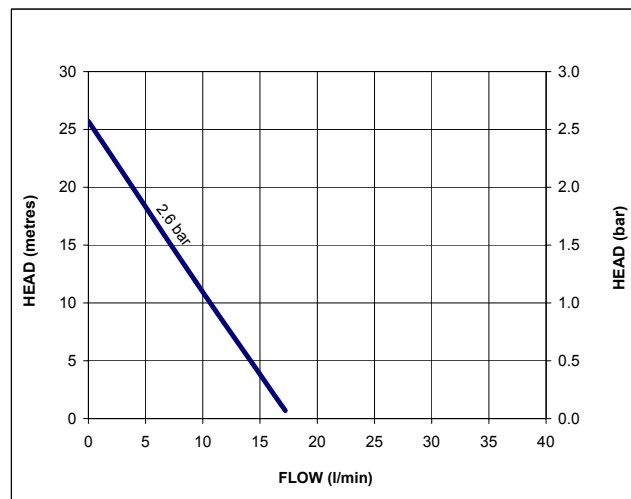


Showermate **Universal Single**

Universal single pumps can be used in pairs to 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 |



Applications for the Showermate range

For application guidance see pages 26 & 27



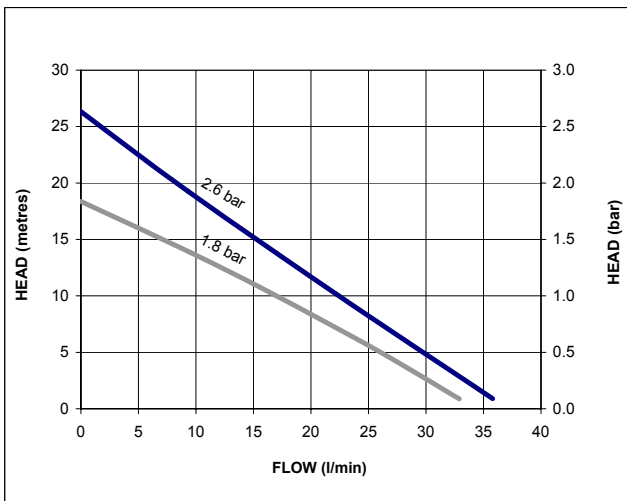
Economy without compromise

Showermate **Standard Twin**

Standard twin pumps are designed to boost the incoming hot and cold water supply to a 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 |

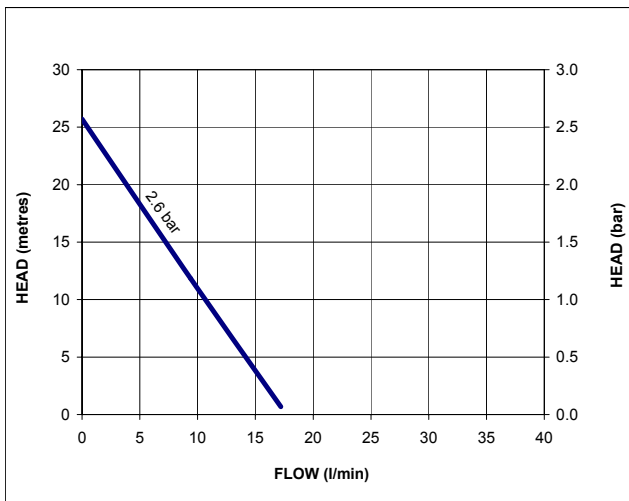


Showermate **Standard Single**

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:

pumpassist
HELPLINE +44 (0) 844 98 000 97

showermate eco

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

Showermate eco provides 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
- Dry run protection

Quality

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

Reliability

- 3 year guarantee
- Durable plastic construction
- 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.

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

showermate eco



Applications for the Showermate eco range

For application guidance
see pages 26 & 27



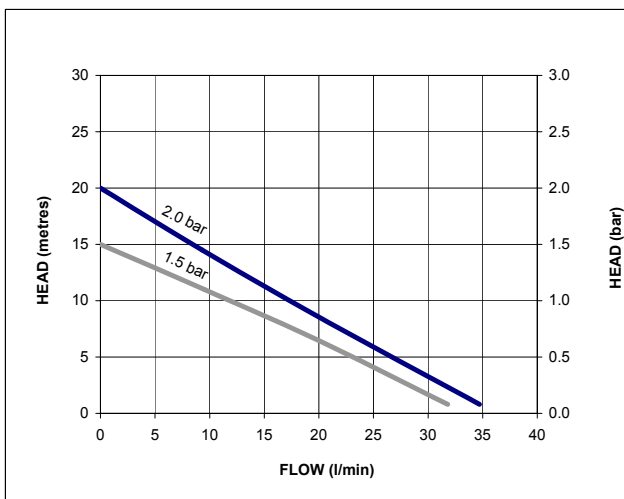
Economy without compromise

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 |

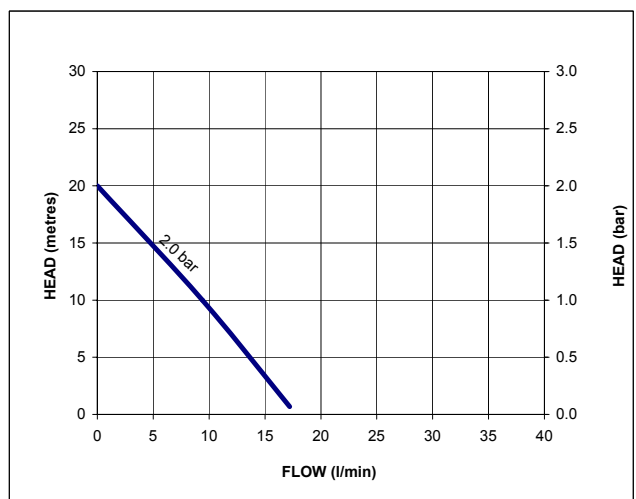


Showermate eco **Standard Single**

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

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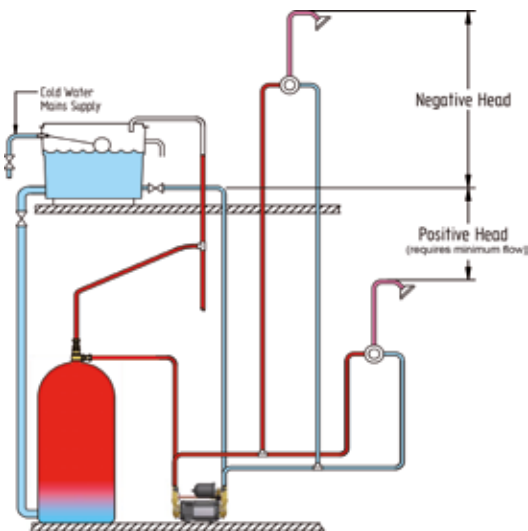
For further advice on selecting the correct pump call:

pumpassist
 HELPLINE +44 (0) 844 98 000 97

showermate

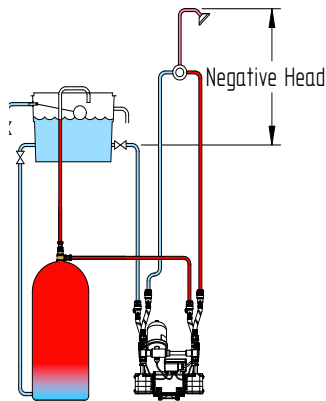
The following diagrams show where Showermate pump types would be typically located within the most commonly used plumbing systems.

Positive or Negative Head System?



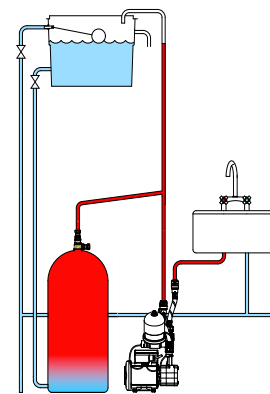
Shower Outlet Negative Head

Typical application:
Showermate Universal Twin



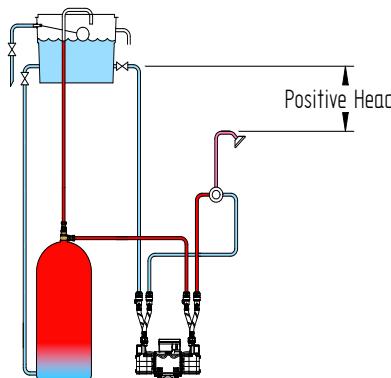
Boost Gravity Hot Supply to High Pressure Kitchen Tap

Typical application:
Showermate Universal Single



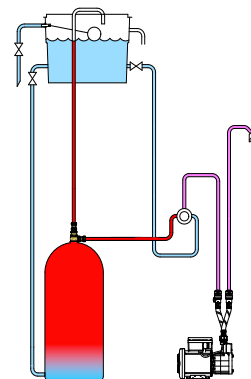
Shower Outlet Positive Head

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 0.8litre/min.

Applications for the Showermate and Showermate eco ranges:



Application guide

| Please note, this is a general guide only and individual site conditions will vary. For further advice or technical assistance please contact our PumpAssist team. | | Showermate | | | | | | Showermate eco | | |
|--|--|---|-----|-----|--------|---------|-----|----------------|-----|--------|
| | | TWIN | | | SINGLE | | | TWIN | | SINGLE |
| | | 1.8 | | 2.6 | | 2.6 | | 1.5 | 2.0 | 2.0 |
| TAP MIXER TAP SHOWER ELECTRIC SHOWER BATH BATHROOM HOME COMMERCIAL | | Uni | Std | Uni | Std | Uni | Std | Std | Std | Std |
| PRESSURE BANDS | | Medium | | | | | | Medium | | |
| 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 | | See note below for Monsoon and Monsoon extra ranges | | | | | | | | |
| Boost tank fed cold water supply to electric shower | | | | | | • | | | | |
| Standard bath-shower/shower | | • | • | • | • | | | • | • | |
| Bathroom only | | • | • | • | • | • x2 | | | | |
| Supply to combination boiler from a break tank | | Pumps suitable for these applications are available from our Monsoon and Monsoon Extra ranges. See Monsoon pump application guide pages 16 & 17. | | | | | | | | |
| 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

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) 844 98 000 97

techflo qt

Techflo qt centrifugal pumps use the most advanced multistage impeller and diffuser design.

Techflo qt provides high pressure and flow but also whisper quiet operation when boosting the performance of a single shower, complete bathroom or whole house.

As with all Stuart Turner products techflo qt pumps are extremely reliable and simple to install.

Features and benefits

Performance

- 1.3 to 3.3 bar performance options
- Positive or negative head options
- Twin or Single
- Quiet operation
- Centrifugal design
- Automatic switching
- Dry run protection
- Continuously rated

Quality

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

Reliability

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



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

The high quality, plastic construction of the **Techflo qt range** has been designed to provide high flow and whisper quiet operation at a competitive price.



Centrifugal Design
Pressure efficient
Compact size

Whisper quiet technology



TECHFLO



Automatic Switching
Flow Switch – automatically starts the pump when flow exceeds 1 litre/min



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
22 mm push fit to pump and pipe work

techflo qt

Techflo qt **Universal Twin**

Universal twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, complete bathroom, or whole house. Suitable for both positive and negative head applications.



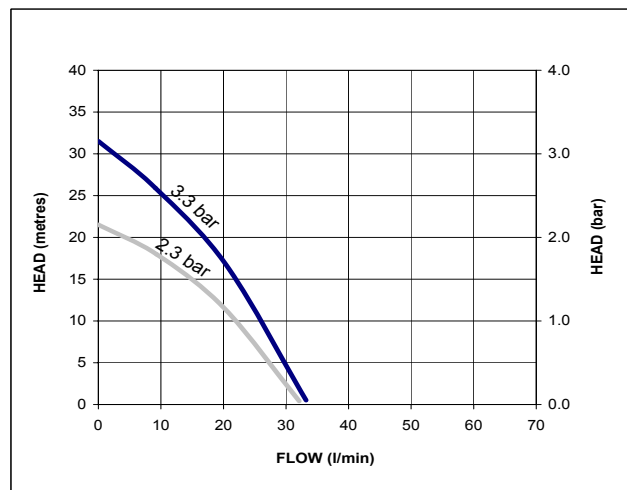
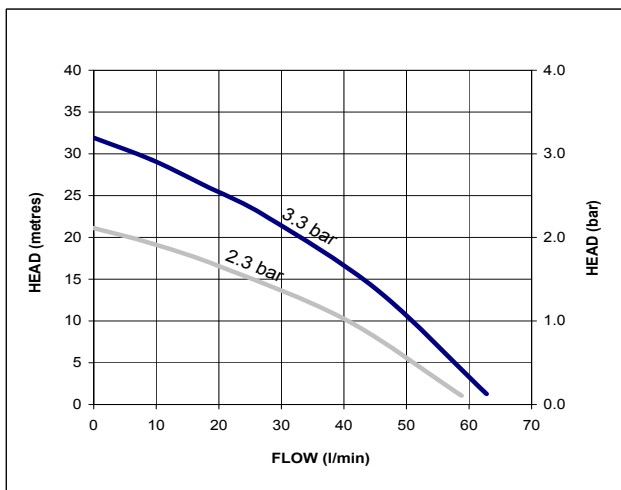
| Part No | Model |
|---------|---------------|
| 49080 | U2.3 bar Twin |
| 49081 | U3.3 bar Twin |

Techflo qt **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 to an individual shower, complete bathroom or whole house. Suitable for both positive and negative head applications.



| Part No | Model |
|---------|-----------------|
| 49082 | U2.3 bar Single |
| 49083 | U3.3 bar Single |



Applications for the Techflo qt range

For application guidance
see pages 36 & 37



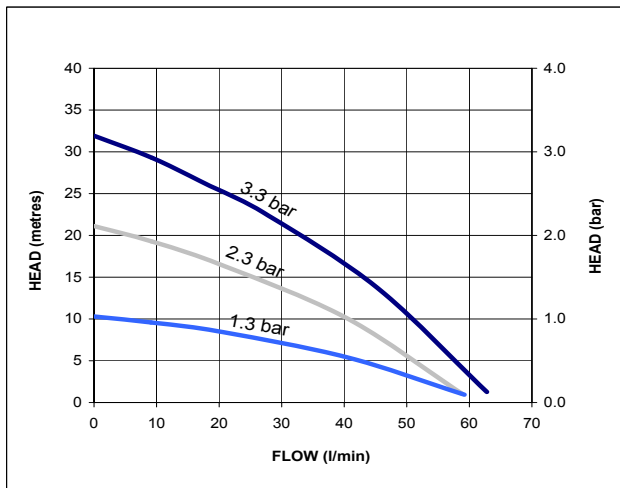
Whisper quiet technology

Techflo qt **Standard Twin**

Standard twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, complete bathroom or whole house. Suitable for positive head applications only.



| Part No | Model |
|---------|---------------|
| 49074 | S1.3 bar Twin |
| 49075 | S2.3 bar Twin |
| 49076 | S3.3 bar Twin |

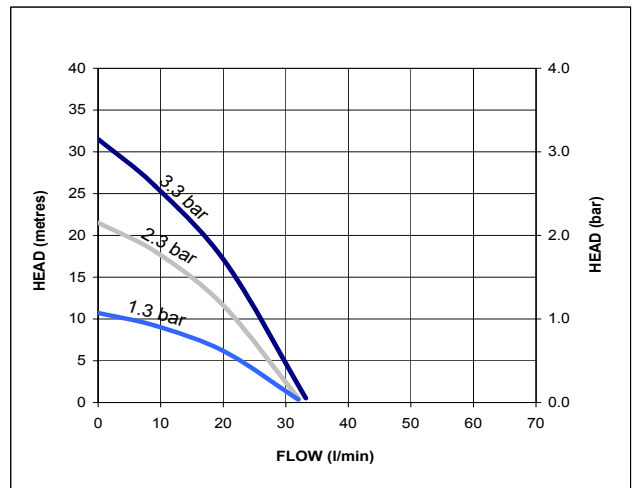


Techflo qt **Standard Single**

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 |
|---------|-----------------|
| 49077 | S1.3 bar Single |
| 49078 | S2.3 bar Single |
| 49079 | S3.3 bar Single |



TECHFLO

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) 844 98 000 97

Techflo tp centrifugal shower pumps offer an affordable entry level solution for boosting the performance of a single shower.

As with all Stuart Turner products Techflo tp 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
- Centrifugal design
- Automatic switching
- Dry run protection

Quality

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

Reliability

- 1 year guarantee
- Durable plastic construction
- Long life mechanical seal



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

The high quality, plastic construction of the **Techflo tp range** has been designed to provide an entry level range of shower pumps, competitively priced.

Whisper quiet technology



TECHFLO



Centrifugal Design

Pressure efficient
Compact size



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
G 3/4 threaded connections to pump
15 mm push fit to pipe work

techflo tp



Applications for the Techflo tp range

For application guidance
see pages 36 & 37



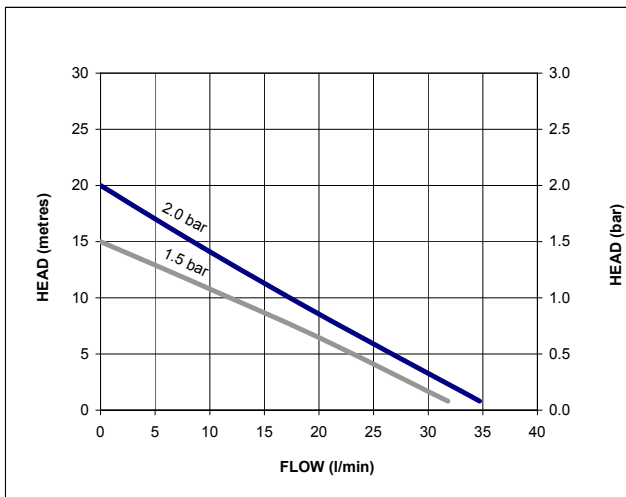
Whisper quiet technology

Techflo tp **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 |
|---------|---------------|
| 49084 | S1.5 bar Twin |
| 49085 | S2.0 bar Twin |

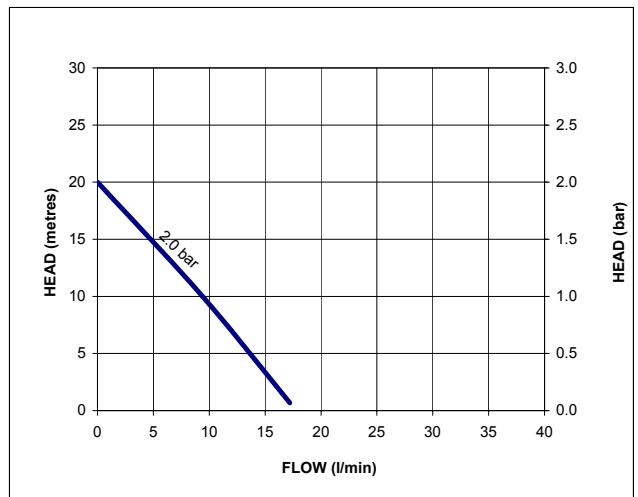


Techflo tp **Standard Single**

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 |
|---------|-----------------|
| 49086 | S2.0 bar Single |



TECHFLO

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

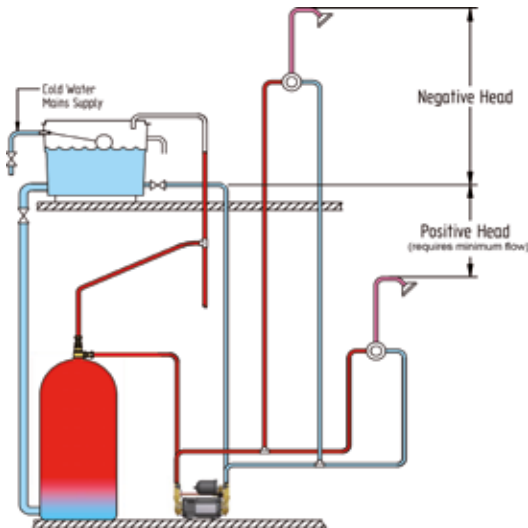
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pumpassist
 HELPLINE +44 (0) 844 98 000 97

techflo

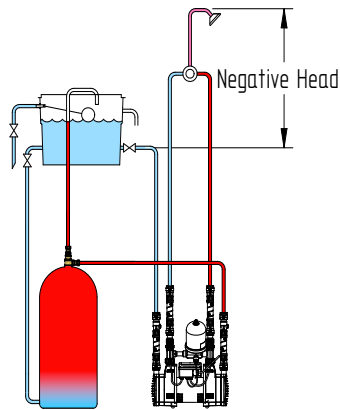
The following diagrams show where Techflo pump types would be typically located within the most commonly used plumbing systems.

Positive or Negative Head System?



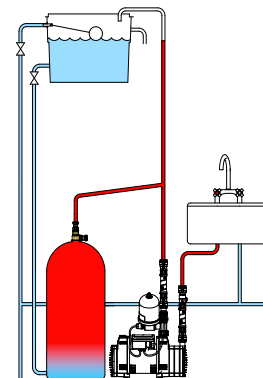
Shower Outlet Negative Head

Typical application:
Techflo qt Universal Twin



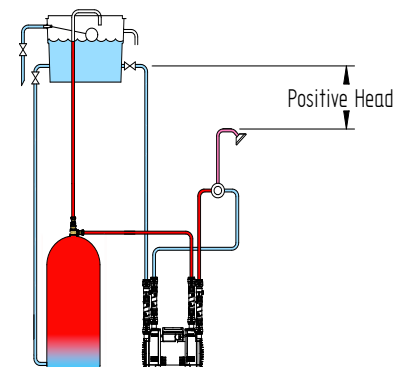
Boost Gravity Hot Supply to High Pressure Kitchen Tap

Typical application:
Techflo qt Universal Single



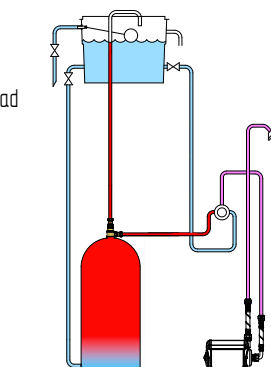
Shower Outlet Positive Head

Typical application:
Techflo qt Standard Twin
Techflo tp StandardTwin



Shower Outlet Blended Supply Positive Head

Typical application:
Techflo tp Standard 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 1 litre/min.

Applications for
the Techflo qt and
Techflo tp ranges:



Application guide

| Please note, this is a general guide only and individual site conditions will vary. For further advice or technical assistance please contact our PumpAssist team. | | Techflo qt | | | | | | Techflo tp | | | | | | | |
|--|--|--|-----|------|--------|--------|-----|------------|------|---------|-----|-----|---|---|---|
| | | TWIN | | | SINGLE | | | TWIN | TWIN | SIN | | | | | |
| | | 1.3 | 2.3 | 3.3 | 1.3 | 2.3 | 3.3 | 1.5 | 2.0 | 2.0 | | | | | |
| TAP MIXER TAP SHOWER ELECTRIC SHOWER BATH BATHROOM HOME COMMERCIAL | | Std | Uni | Std | Uni | Std | Std | Uni | Std | Std | Std | Std | | | |
| PRESSURE BANDS | | Medium | | High | | Medium | | High | | Medium | | | | | |
| 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 | | ● | ● | ● | ● | ● | | ● x2 | | ● x2 | | | | | |
| Supply to combination boiler from a break tank | | | | | | | | | | ● | | | | | |
| Unvented stored hot water system | | See note below for Monsoon and Monsoon extra ranges | | | | | | | | | | | | | |
| Apartments | | | ● | | ● | | | ● x2 | | ● x2 | | | | | |
| Whole house - up to 2 bathrooms | | ● | ● | ● | ● | ● | | ● x2 | | ● x2 | | | | | |
| Whole house - up to 3 bathrooms | | | | | ● | ● | | | | ● x2 | | | | | |
| Whole house - having 4 or more bathrooms | | Pumps suitable for these applications are available from our Monsoon and Monsoon extra ranges. See Monsoon pump application guide on pages 16 & 17 | | | | | | | | | | | | | |
| Commercial - multiple demand applications | | Pumps suitable for these applications are available from our Monsoon and Monsoon extra ranges. See Monsoon pump application guide on pages 16 & 17 | | | | | | | | | | | | | |

TECHFLO

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) 844 98 000 97



As Irelands official distributor for Grohe, Modern Plant stock-hold and display a large range of Grohe Commercial and Domestic products including, showers, taps, frames and accessories.



Modern Plant Ltd are an official stocking distribution centre for Emerson Rosemount industrial flow, level, pressure, analytical and temperature instrumentation products.



Modern Plant Ltd offer a wide range of Stiebel Eltron products, from instantaneous hot water heating, stored water and electric space heating solutions.



We are one of Ireland leading suppliers of Stuart Turner pumps to suit a variety of water boosting and water transfer applications across multiple market sectors.



Modern Plant Ltd are official stocking distributors for the full range of SMC products and have a wide range of parts available from our trade counter.



Modern Plant Ltd is the sole Irish distributors for the complete Medem gas safety product range. Both companies work closely to ensure the products remain best in class.



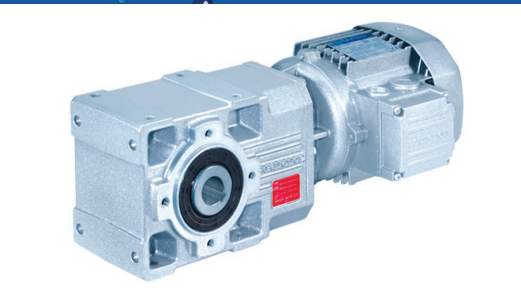
We stock a comprehensive range of Haws AG emergency equipment. We also supply special models to the highest level of quality as well as attractive, stylish drinking fountains and water coolers.



We are official Irish distributor for all Metso Automation valve and control products, including NELES branded flanged ball valves, rotary plug valves, segment valves, high performance off-set butterfly valves, valve actuators and much more.



We stock a large range of Bobrick washroom accessories made from type304 stainless steel... the material of choice and quality for public washrooms.



We stock Bonfiglioli power transmission and control products, providing automation solutions for all areas of industry including the packaging, beverage, textile, food, ceramic, wood, mining and metal processing industries.



We stock tapware and shower solutions for commercial changing facilities, toilets and accessibility to people with reduced mobility in collective facilities. High tech solutions for healthcare, elderly care and laboratories.



AMG specialise in quarter turn rack and pinion pneumatic actuators with many available from stock held locally in Modern Plant.



MODERN PLANT For more information call 00353 1 461 4300

Modern Plant Limited, Otter House, Naas Road, Clondalkin, D 22

E: sales @ modernplant.ie, W: www.modernplant.ie