



# Performance Shower Pumps



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**GRUNDFOS**   
WATERMILL



## **The Company**

Grundfos have been producing quality engineered products, combined with first class pre and post sales service, for over 40 years.

Grundfos shower pumps undergo rigorous 3 stage testing prior to leaving our factory, so whichever Grundfos product you select, you can be assured of quality, performance and safety.

All Grundfos pumps conform to both UK and European standards, are backed by a comprehensive manufacturer's warranty and are supported by a Customer Service Department and Technical Helpline that are second to none.

Grundfos offer probably the widest and most comprehensive range of shower boosting solutions in the UK as well as a selection of Domestic Water products.

To find out more, ask your stockist, contact your local Sales Department or visit [www.grundfos.co.uk](http://www.grundfos.co.uk).



## AMAZON Premium Heavy Duty Brass Pumps

The Brass Pump range is undoubtedly the 'Rolls Royce' of Grundfos shower pumps, designed and manufactured to the highest of standards. With brass impellers and machined brass stampings these pumps can be genuinely described as 'Heavy Duty', and each model offers high performance and durability. These continuously rated regenerative pumps are suited to domestic, commercial or light industrial use. Products within this range are fitted with long-life silicon carbide seals and anti-vibration feet keep the operating noise to a minimum. All brass pumps are supplied with stainless steel flexible hoses, and are covered by a comprehensive 2 years warranty. A brass pump will transform any compatible shower system into a really enjoyable and invigorating power shower.

The installation of a Grundfos Surrey flange is recommended for pumps up to 3 bar pressure.

Range	Bar	Code
Twin Impeller	1.0	STP-1.0 B
Twin Impeller	1.5	STP-1.5 B
Single Impeller	2.0	SSP-2.0 B
Twin Impeller	2.0	STP-2.0 B
Single Impeller	3.0	SSP-3.0 B
Twin Impeller	3.0	STP-3.0 B
Twin Impeller	4.0	STP-4.0 B



## DANUBE Professional Low Voltage Pumps Super Safe, Super Silent!

Undoubtedly the safest and probably the quietest pump available in the U.K. Aimed at eliminating the risks associated with combining water and electricity, the Danube range is low voltage, and is safe enough for under-bath installation. The innovative design, incorporating anti-vibration feet, ensures that this range has an extremely low operating noise whilst maintaining the highest performance. The range is designed for domestic shower and bathroom applications. The Danube range is fitted with long-life carbon graphite seals and high density ceramic seals. The range is supplied with stainless steel flexible hoses and covered by a comprehensive 2 year warranty. Manual negative head kits are available from Grundfos. The installation of a Grundfos Surrey flange is recommended.

Range	Bar	Code
Twin Impeller	1.0	STL-1.0 C
Twin Impeller	1.5	STL-1.5 C
Single Impeller	1.4	SSL-1.4 C
Twin Impeller	2.0	STL-2.0 C



## NILE Regenerative 240 Volt Pumps

The Nile range is the result of extensive research and development giving a high performance pump at an affordable price. An innovative design, incorporating a low-speed induction motor, gives long life and, combined with anti-vibration feet, ensures that operating noise is kept to a minimum. With automatic thermal overload protection the pump motor will cut out to prevent overheating, resetting automatically within 30-60 minutes. The range is designed for domestic shower and bathroom applications. All models are fitted with long life carbon graphite and high density ceramic seals. The range is supplied with stainless steel flexible hoses, and covered by a comprehensive 2 years warranty. Manual negative head kits are available from Grundfos. The installation of a Grundfos Surrey flange is recommended.

**Regenerative  
Range**  
Suitable for use with  
15mm or 22mm  
pipework

Range	Bar	Code
Twin Impeller	1.2	STR-1.2 C
Twin Impeller	1.5	STR-1.5 C
Single Impeller	1.5	SSR-1.5 C

# Performance Shower Pumps



## NIAGARA Automatic Shower Pump

A twin impeller centrifugal shower pump, tested and approved to BSEN 60335.

This pump is fitted with long-life seals and is supplied complete with easy clean filters and high quality braided stainless steel connection hoses.

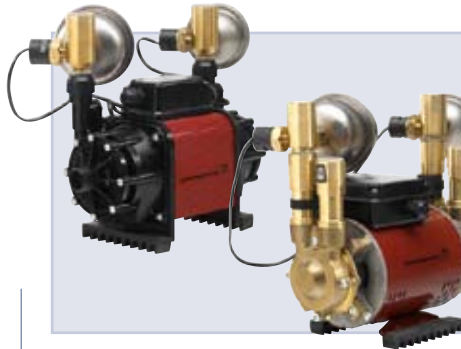
All pumps in the range, which are designed for domestic shower and bathroom applications, are covered by a comprehensive two year manufacturer's warranty.

Choose from our standard 1.5 bar or the 2 bar.

Suitable for use with 15mm or 22mm pipework.

The installation of a Grundfos Surrey flange is recommended for maximum shower pump efficiency on both..

Range	Bar	Code
Twin Impeller	1.5	STC-1.5 C
Twin Impeller	2.0	STC-2.0 C



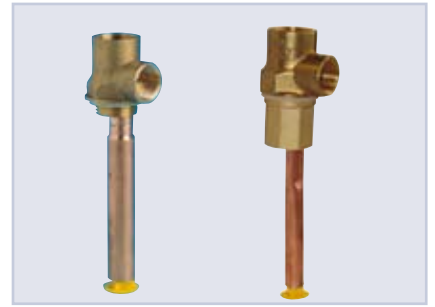
## DANUBE & AMAZON Specialist Automatic Negative Head Pumps

Where the water level in the cold storage tank is below the level of the shower outlet a 'negative head' situation exists. Specialist Automatic Negative Head pumps to overcome this problem are available from Grundfos in the following models:

Low Voltage		
Range	Bar	Code
Twin Impeller	2.0	STL-2.0 CN
Heavy Duty Brass Pump		
Range	Bar	Code
Twin Impeller	1.5	STN-1.5 B
Single Impeller	2.0	SSN-2.0 B
Twin Impeller	2.0	STN-2.0 B
Single Impeller	3.0	SSN-3.0 B
Twin Impeller	3.0	STN-3.0 B
Twin Impeller	4.0	STN-4.0 B

### Manual Negative

Manually operated Negative Head Kits are also available from Grundfos for all pump ranges excluding Premier Heavy Duty Brass. To size your pump correctly to meet with your requirements, please refer to the shower pump selector opposite or call our technical helpline on 0845 2000 912.



## Surrey and York flanges

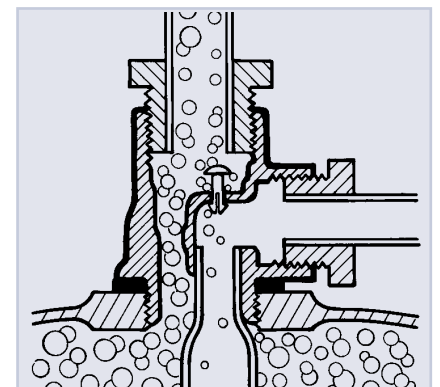
Considered an industry standard, the Surrey flange is designed to provide an independent hot water supply as well as dramatically reduce air surging, noise and temperature variations.

The Surrey flange air vent automatically purges the shower circuit preventing air accumulation in the hot water shower feed (patent applied for). The vent automatically traps and releases air, preventing back feed of aerated hot water. The installation of a Surrey flange is recommended for shower pumps up to 3 bar pressure.

**15mm Surrey Flange:** To suit cylinder outlet of 1" BSP female. Suited to pumps up to 1.5 bar pressure.

**22mm Surrey Flange:** To suit Cylinder outlet of 1" BSP Female. Suited to pumps up to 3 bar pressure.

**York Flange:** The York flange is a modified version of the 22mm Surrey flange, with an adaptor to suit cylinders with 1" BSP Male outlets. Suited to pumps up to 3 bar pressure.



# Performance Shower Pumps

## SHOWER PUMP SELECTOR

Pump Type:	Trade Pumps <small>NIAGARA</small>		Regenerative Pumps <small>NILE</small>			Premium Heavy Duty <small>AMAZON</small>						Low Voltage Pumps <small>DANUBE</small>			
	1.5 bar	2.0 bar	1.2 bar	1.5 bar	1.5 bar	1.5 bar	2.0 bar	3.0 bar	4.0 bar	2.0 bar	3.0 bar	1.0 bar	1.5 bar	2.0 bar	1.4 bar
Product Code:	STC-1.5C	STC-2.0C	STR-1.2C	STR-1.5C	SSR-1.5C	STP-1.5B	STP-2.0B	STP-3.0B	STP-4.0B	SSP-2.0B	SSP-3.0B	STL-1.0C	STL-1.5C	STL-2.0C	STL-1.4C
Application															
Basic bathroom suite, i.e. basin & bath taps / shower mixer tap	✓		✓	✓		✓	✓	✓				✓	✓		
2 basic bathroom suites		✓					✓	✓	✓					✓	
Shower Mixer Valve - Single Spray Head	✓		✓	✓		✓	✓					✓	✓		
Single Shower Mixer Valve - Varispray Head to 3 types	✓	✓		✓		✓	✓	✓	✓				✓	✓	
Single Shower Mixer Valve - Multi function head		✓				✓	✓	✓	✓					✓	
Antique style mixer valve upto 4" head	✓	✓		✓		✓	✓	✓					✓	✓	
Antique style mixer valve 4" - 10" head		✓						✓	✓					✓	
Continental shower mixer valve, 2 spray types		✓					✓	✓	✓					✓	
Continental shower mixer valve, 4 spray types								✓	✓						
Shower Column								✓	✓						
Instantaneous electric shower upto 9 kw (gravity fed systems only)											✓				✓
Instantaneous electric shower over 9 kw (gravity fed systems only)											✓	✓			
Boost pressure to bath or basin, hot only or cold only				✓							✓	✓			✓
Under bath application or installation in damp areas												✓	✓	✓	✓
Automatic Negative Head version available						✓	✓	✓	✓	✓	✓			✓	

## PRODUCT CODES NOMENCLATURE

S	T	L	-	2.0	C	N
Family Name	Differentiator 1	Differentiator 2		Pressure	Material	Differentiator 3
Shower Pump	T-Twin Impeller S-Single Impeller	L-Low Voltage R-Regenerative C-Centrifugal N-Negative Head P-Positive Head		1.0 Bar 1.5 Bar 2.0 Bar 3.0 Bar 4.0 Bar	B-Brass C-Composite	N-Negative Head

## Grundfos Service



Unique to the industry - Grundfos have their own inhouse service department for service and warranty call outs on Sololift+, Shower Pumps, Home Booster and MQ.

Europump is the mobile service arm of Grundfos

Call centre for Nationwide coverage 0845 200 912

More than 20 fully trained engineers covering the whole of the UK.

Grundfos are able to offer a range of Domestic Water Solutions for water pressure boosting as well as clean and grey water disposal



## Sololift+ Domestic Lifting Stations

### Applications

- Extra bathrooms
- Basement installations
- Low-cost bathrooms in holiday cottages
- Added facilities in hotels and guest houses
- Bathrooms for the elderly or the disabled
- Renovation of offices and other commercial buildings

### Features and benefits

- Unique design with smooth line and rounded edges - fits every modern bathroom environment
- Plug and go product
- Low noise level
- Discharge pipe connection in the side ensures easy maintenance
- Flexible discharge pipe adapters for outer pipe diameters of  $\varnothing 23$ ,  $\varnothing 25$ ,  $\varnothing 28$ , and  $\varnothing 32$ mm
- Thermal overload switch
- Cover without screws - easy service

### CWC-3

- Especially designed for wall-hung toilets
- Compact and slim for easy integration into the wall

### C-3

- Especially designed for high temp liquid wastewater from washing machines or dishwashers
- Compact and slim for installation under a washbasin or in a closet



## MQ Multistage Booster Pump

The MQ is a complete multistage domestic booster pump, incorporating integral controls for on/off control of the pump, diaphragm tank, pressure and flow sensor and non-return valve on pump inlet. The controller ensures that the pump starts automatically when water is consumed and stops automatically when the consumption ceases. In addition, the controller protects the pump in case of faults.

### Technical data

Flow, Q:	max. 5m <sup>3</sup> /h
Head, H:	max. 48 m
Liquid temp.:	0°C to +35°C
Op. press:	max. 7.5 bar

### Applications

- Suitable for liquid transfer in
- Small or large family houses
  - Weekend cottages
  - Farms
  - Greenhouses

### Features and benefits

- All-in-one pressure booster unit
- Easy to install
- Easy to operate
- Self-priming
- Dry-running protection with automatic reset
- Low-noise
- Maintenance-free



## Unilift CC, Drainage Pumps

The Unilift CC are a range of multi-purpose submersible drainage pumps. Unilift CC will handle clean water, groundwater and grey wastewater with particles up to 10 mm. It can be completely or partly submerged in the liquid. The Unilift CC is a multi-purpose pump: it is excellent for both low-suction and standard drainage jobs.

The Unilift CC range is comprised of three different models: the CC 5, CC 7, and CC 9, all capable of handling particle sizes up to 10 mm.

The range covers a wide application area: flows from 6 m<sup>3</sup>/h to 14 m<sup>3</sup>/h and heads from 5 to 9 m.

Every model is available with or without a float switch for automatic or manual operation.

### Applications

The pumps are suitable for:

- Drainage of flooded cellars
- Pumping of household wastewater
- Groundwater lowering
- Emptying of swimming-pools and excavations
- Drainage of drain wells
- Emptying of tanks and reservoirs

### Features and benefits

- Simple installation
- Service and maintenance free



## UPA 15-90 Small Booster Pump

The UPA 15-90 is a circulator pump designed for pressure boosting of water in domestic properties. The pump provides additional pressure to showers, taps and similar outlet points for domestic water.

The UPA 15-90 is for use in open systems.

The pump incorporates a flow switch which starts or stops the pump when a tap is turned on or off.

2 l/min required flow.

A 1.5 metre flying lead is supplied.

Approval from the local Water Company must be obtained if the pump is to be connected directly to the water main.

### Applications

The UPA 15-90 is a circulator pump designed for pressure boosting of domestic water in domestic properties.

### Features and benefits

- Easy to install
- Compact booster
- Automatic operation available
- Reliable pump
- Typically adds 0.50 bar pressure



## Home Booster Packaged Booster Set

The Grundfos Home Booster cold water booster set is designed for use in domestic and light commercial premises for pressure boosting where the existing water supply is insufficient to meet the demand requirements.

It has been developed to provide a compact and cost-effective solution for many small to medium pressure boosting applications.

All Grundfos products are built to the very highest standards, and as you would expect from Grundfos, the unit features a high quality stainless steel pump for efficiency, sustained performance levels and long working life and up to date control technology.

Installation could not be simpler, with only mains cold water, discharge pipework and electrical connections to be made.

The Home Booster model is suitable for most domestic installations with up to four bathrooms with standard fittings. The unit is self contained and with its compact size makes it ideal for domestic installations where space is at a premium.

The Home Booster features an integral storage tank which meets the Water Byelaws air gap regulations.

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