

be
think
innovate

GRUNDFOS 
WATERMILL

SHOWER PUMPS



WWW.SHOWERPUMPSELECTOR.CO.UK

**SHOWER
PUMP SELECTOR**
COMPREHENSIVE PUMP GUIDE

INSTALLATION
ADVICE



TECHNICAL
SUPPORT

SCAN HERE TO VIEW THE PUMP SELECTOR ON YOUR MOBILE PHONE

BETTER FOR BEING GRUNDFOS

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

Grundfos Watermill 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.

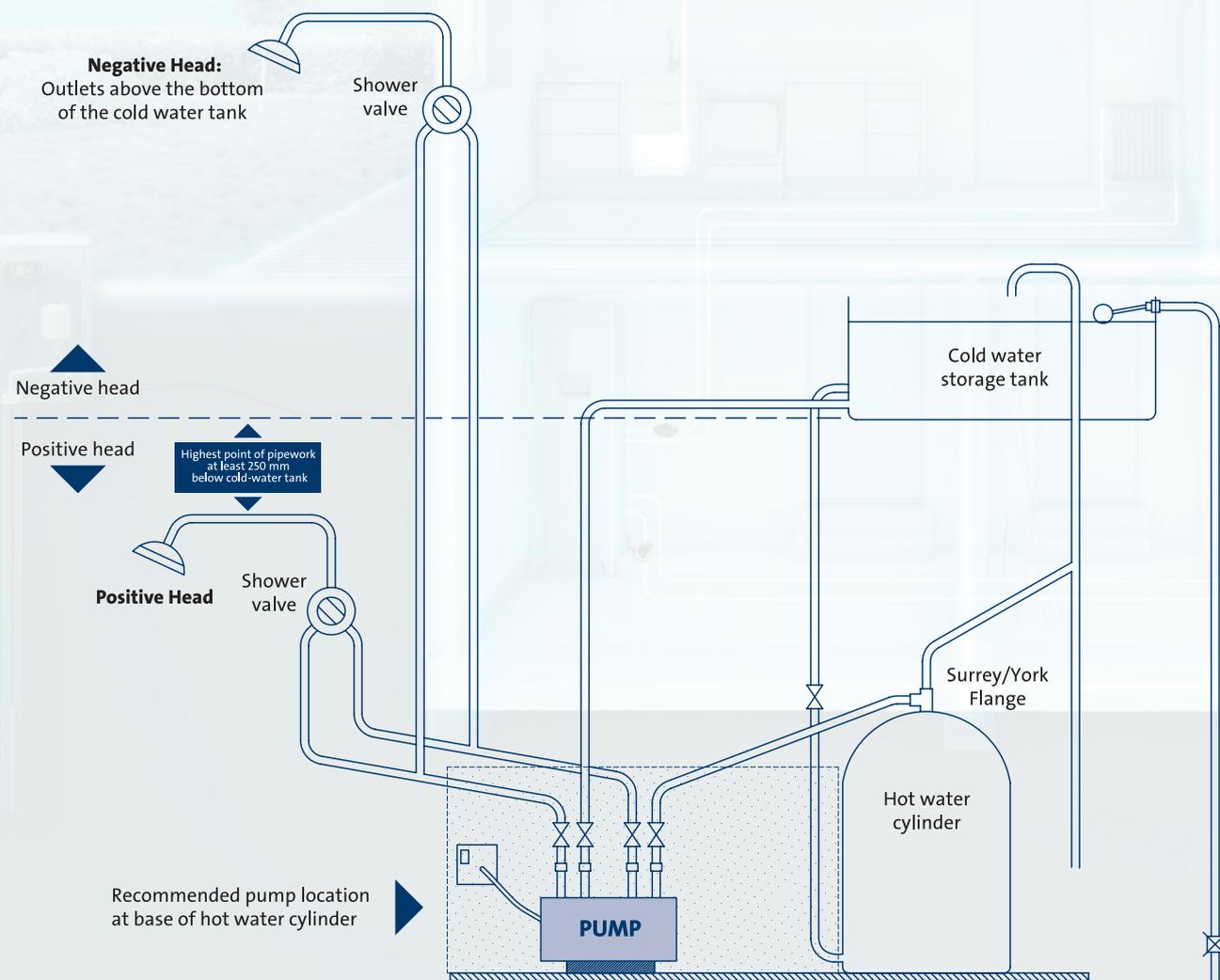
All **Grundfos Watermill** pumps conform to both UK and European standards, are

backed by a comprehensive manufacturer's warranty and are supported by a Customer Service Department and Technical Helpline that are second to none.

Grundfos Watermill 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.showerpumpselector.co.uk



RECOMMENDED PUMP LOCATION



Pump Type	Amazon Range					Amazon Extra Range			Niagara Range		Nile Range				Danube Low Voltage Range			
	1.5bar Twin STP-15B / STN-15B	2.0bar Twin STP-2.0B / STN-2.0B	3.0bar Twin STP-3.0B / STN-3.0B	4.0bar Twin STP-4.0B / STN-4.0B	2.0bar Single SSP-2.0B / SSN-2.0B	3.0bar Single SSP-3.0B / SSN-3.0B	4 - 30 CH4-30	4 - 50 CH4-50	4 - 60 CH4-60	1.5bar Twin STC-15C / STC-15CN	2.0bar Twin STC-2.0C / STC-2.0CN	1.2bar Twin STR-1.2C	1.5bar Twin STR-1.5C	1.5bar Single SSR-1.5C	1.0bar Twin STL-1.0C	1.5bar Twin STL-1.5C	2.0bar Twin STL-2.0C / STL-2.0CN	1.4bar Single SSL-1.4C
Application																		
1 shower standard shower head*	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●
2 showers or basic bathroom suite standard shower head*	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●
2 showers or basic bathroom suite Large shower head**			●	●		●												
Single Shower Mixer Valve - Multi function head	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●
Large shower head**			●	●		●												
Shower Column			●	●		●												
Instantaneous electric shower up to 9 kw					●	●								●				●
Instant electric shower over 9 kw						●												
Boost pressure to bath or basin, hot only or cold only					●	●							●					●
Under bath application or installation in damp areas															●	●	●	●
Universal (Negative & Positive) Head	●	●	●	●	●	●											●	
Steam Cabinets require universal head			●	●	●	●												
3-4 showers (Standard Showers)				●							●							
4-6 showers (Standard Showers)							●	●										
6-8 Showers (Standard Showers)								●	●									
Shower with body jets			●	●														
Boost whole house demand dependent			●	●														
Sports club demand dependent							●	●										
Page Number	Page 04					Page 05			Pages 06		Page 06				Page 07			

*Standard Shower Head = up to 5" & **Large Shower head = Over 5"

See page 9 for pump technical data.

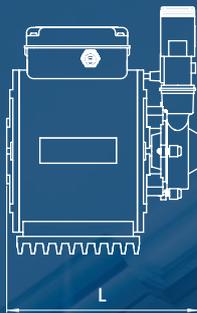


WRAS
APPROVED
PRODUCT

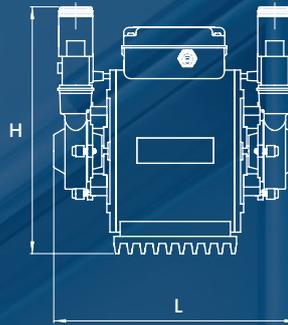
- Twin and single impeller
- Regenerative range
- Continuously rated motor
- WRAS approved (1111063)
- Brass body and impeller
- Anti Vibration feet
- Supplied with stainless steel braided hoses
- 1.5 - 4.0 bar available
- 24 month automatic warranty (no need to register)
- Supplied with 1.5m mains cable
- Low Noise range

See page 9 for full technical details.

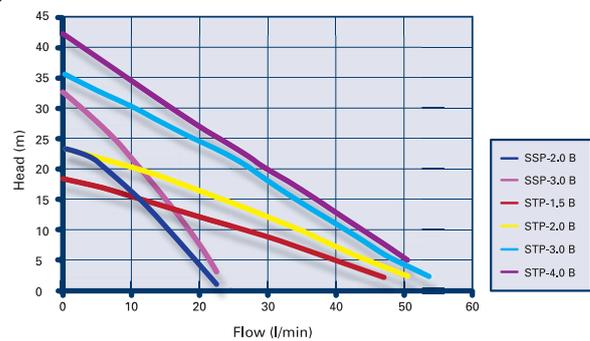
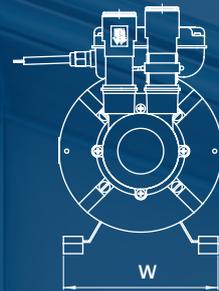
AMAZON



SINGLE IMPELLER PUMPS -
SSP-2.0 B, SSP-3.0 B



TWIN IMPELLER PUMPS -
STP-1.5 B, STP-2.0 B, STP-3.0 B, STP-4.0 B

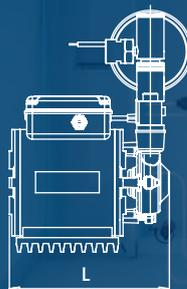


WRAS
APPROVED
PRODUCT

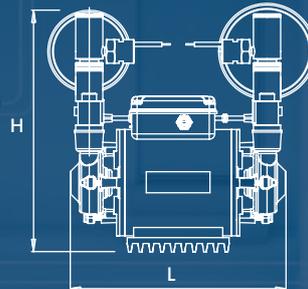
- Twin and single impeller
- Regenerative range
- Continuously rated motor
- WRAS approved (1209052)
- Brass body and impeller
- Anti vibration feet
- Supplied with stainless steel braided hoses
- 1.5 - 4.0 bar available
- Universal head (Negative & Positive)
- 24 month automatic warranty (no need to register)
- Supplied with 1.5m mains cable
- Low Noise range

See page 9 for full technical details.

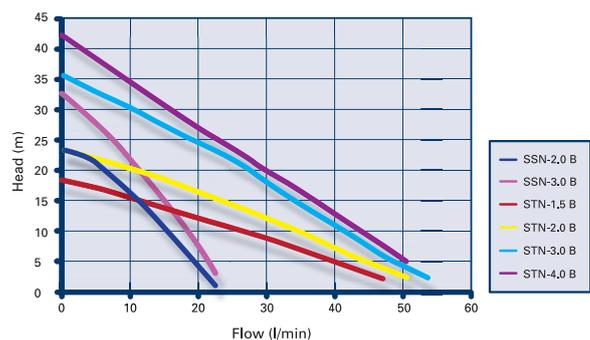
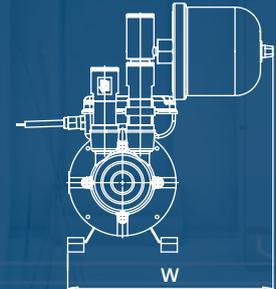
AMAZON UNIVERSAL



SINGLE IMPELLER PUMPS -
SSN-2.0 B, SSN-3.0 B

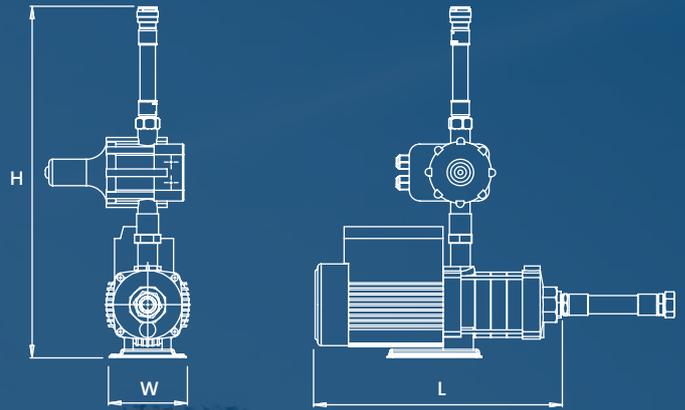


TWIN IMPELLER PUMPS -
STN-1.5 B, STN-2.0 B, STN-3.0 B, STN-4.0 B



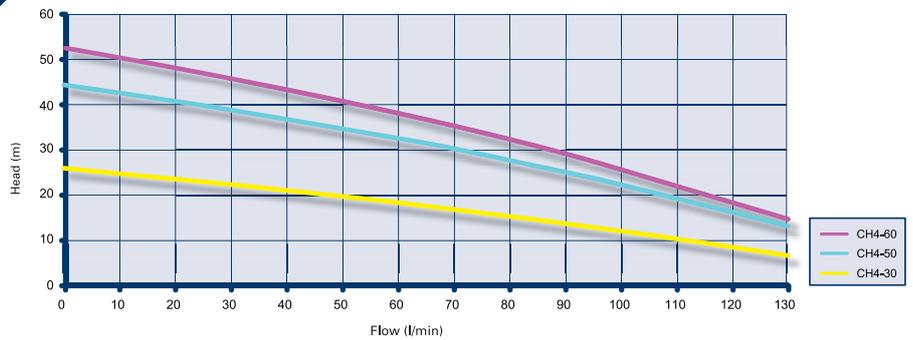


AMAZON EXTRA

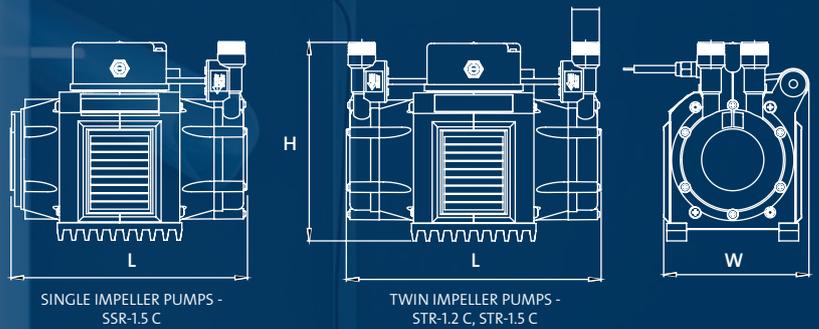


- Compact pump unit with integral controls
- Easy installation
- Dry run protection
- WRAS compliant
- Max liquid temperature 65°C
- Low noise
- Enclosure class IP65
- Cut-in pressure 1.5 bar
- 24 month automatic warranty (no need to register)
- Universal head (Negative & Positive)

See page 9 for full technical details.



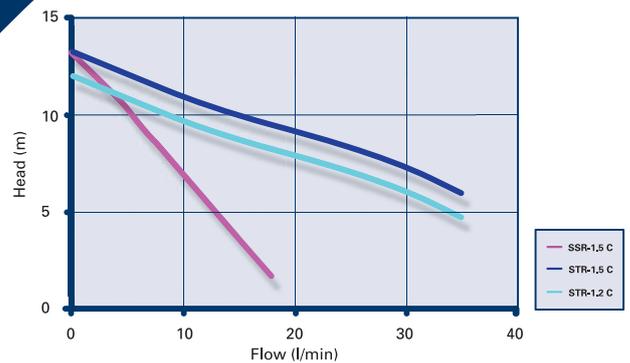
NILE



WRAS
APPROVED
PRODUCT

- Single & twin impeller
- Regenerative range
- Automatic motor thermal overload protection
- WRAS approved (1111046)
- Supplied with 1.5m mains cable
- Supplied with stainless steel braided hoses
- 1.2 & 1.5 bar available
- 24 month automatic warranty (no need to register)

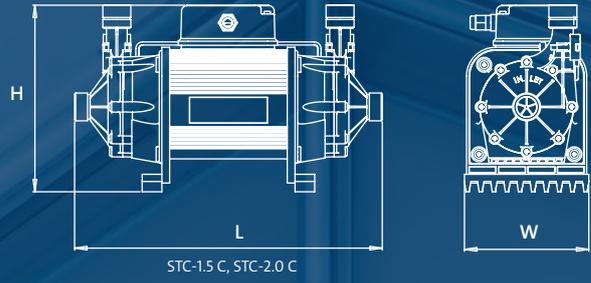
See page 9 for full technical details.





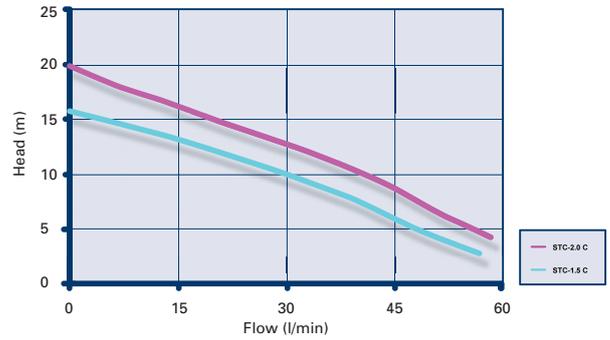
WRAS
APPROVED
PRODUCT

NIAGARA

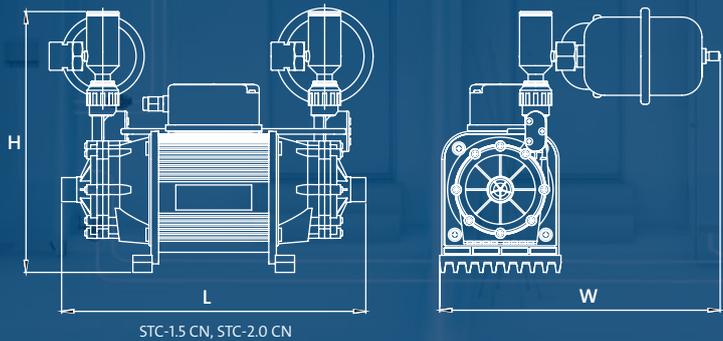


- Twin impeller
- Centrifugal range
- STC-1.5 C continuous rated to 18l/min
- WRAS approved (1102064)
- Supplied with stainless steel braided hoses
- 1.5 & 2.0 bar available
- 24 month automatic warranty (no need to register)

See page 9 for full technical details.

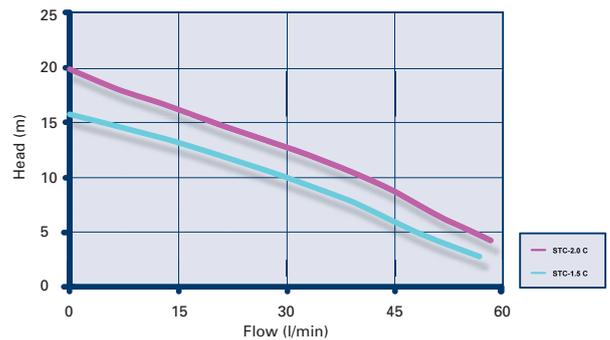


NIAGARA UNIVERSAL



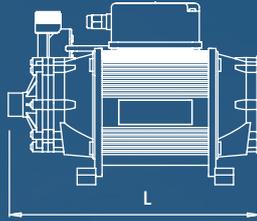
- Twin impeller
- Centrifugal range
- Supplied with stainless steel braided hoses
- WRAS compliant
- 1.5 & 2.0 Bar available
- Universal head
- 24 month automatic warranty (no need to register)

See page 9 for full technical details.

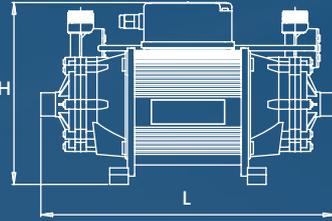




DANUBE



SINGLE IMPELLER PUMP -
SSL-1.4 C



TWIN IMPELLER PUMPS -
STL-1.0 C, STL-1.5 C, STL-2.0 C

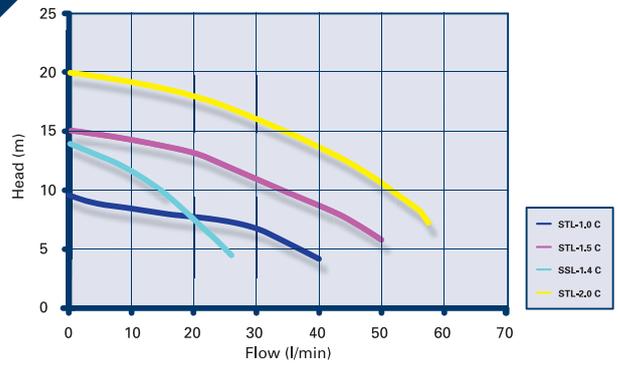


WRAS
APPROVED
PRODUCT

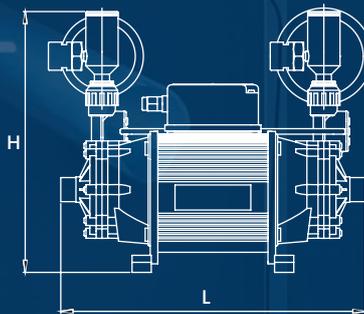
- Single & twin impeller
- Centrifugal range
- Supplied with stainless steel braided hoses
- WRAS approved (1111056)
- External transformer for ultimate safety
- Unique to the UK market

- 1.0 - 2.0 bar available
- 24 month automatic warranty (no need to register)

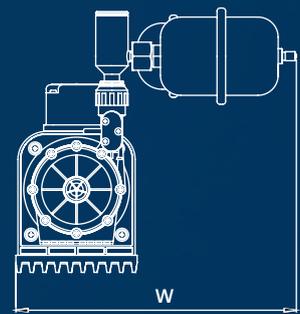
See page 9 for full technical details.



DANUBE UNIVERSAL



STL-2.0 CN

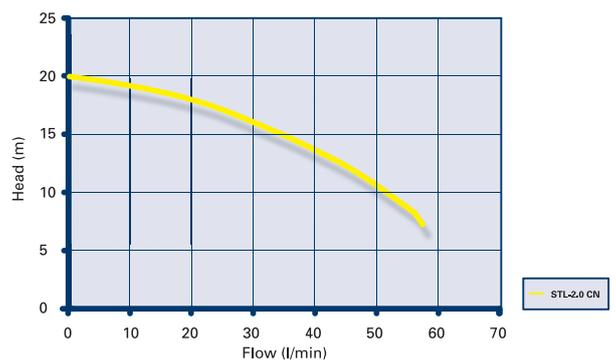


WRAS
APPROVED
PRODUCT

- Twin impeller
- Centrifugal range
- Supplied with stainless steel braided hoses
- WRAS approved (1210060)
- External transformer for ultimate safety
- Unique to the UK market
- 2.0 bar available

- Universal head
- 24 month automatic warranty (no need to register)

See page 9 for full technical details.





NEGATIVE HEAD KIT

Manual pneumatic Negative head kits are available for the following products:

Niagara Range

STC-1.5 C
STC-2.0 C

Nile Range

STR-1.2 C
STR-1.5 C
SSR-1.5 C

Danube Range

STL-1.0 C
SSL-1.4 C
STL-1.5 C
STL-2.0 C

All kits are supplied with Button, 7m hose and replacement terminal lid for pump.



SURREY FLANGE



YORK FLANGE

SURREY/YORK FLANGE

- Industry standard independent hot water supply for pump
- Reduced air (incorporates unique auto air vent)
- Reduced surging
- Reduces noise variations
- Reduces temperature fluctuations
- Automatically purges air from the hot water supply
- Ensures splutter-free showering
- Surrey Flange (15mm & 22mm available)
- 1" MI BSP x 3/4" FI outlet
- 1" MI BSP x 1/2" FI outlet
- York Flange (22mm available only)
- 1" FI BSP x 3/4" FI outlet (Pumps up to 3 bar pressure)

TRAINING

Grundfos Watermill have introduced an e-learning module which is accessible through both the web site (www.grundfoswatermill.co.uk) and various Merchant intranet sites.

The training module was introduced in order to be able to reach the vast majority of Installers and Merchant staff (both National and Independent), and offers the flexibility of being able to be completed at a time more convenient with those who have chosen to learn more about how shower pumps should be installed and specified. It explains everything from

“what is negative head” to “where one should site the pump”.

Grundfos Watermill training courses on request throughout the year, at various venues around the country. The courses are designed for merchant staff, installers and specifiers. Please contact us for further information.

For Training

Telephone: **01732 869700**
Email: wgb-sales@grundfos.com

TECHNICAL HELP

Our team of technical experts with in depth knowledge on shower pumps are at hand for any questions that may arise. Please call for:

- Pump selection
- Technical installation advice
- Spare parts

For Technical help/Sales:

Telephone: **01732 869700**
Email: wgb-support@grundfos.com

TECHNICAL CHART

	Model	Pump dimensions (mm) (L x W x H)	Electrical rating	Cable length	Voltage (V)	Power Input (W)	Fuse	Closed valve pressure (bar)	Max. flow rate (l/min)	Minimum pipe size
DANUBE	STL-1.0 C	300 x 120 x 185	30 min on/ 30 min off	Transformer: input 2m, output 3m	29 **	170	5A	1	40	15*
	STL-1.5 C	300 x 120 x 185	30 min on/ 30 min off		37 **	270	5A	1.5	50	15*
	SSL-1.4 C	225 x 120 x 185	30 min on/ 30 min off		38 **	160	5A	1.4	25	15*
	STL-2.0 C	300 x 120 x 185	30 min on/ 30 min off		39 **	380	5A	2	55	22
	STL-2.0 CN	300 x 215 x 256	30 min on/ 30 min off		39 **	380	5A	2	55	22
NIAGARA	STC-1.5 C	300 x 120 x 185	Continuous @ 18LPM	N/A	230	270	5A	1.5	55	15*
	STC-2.0 C	305 x 120 x 185	20 min on/ 40 min off	N/A	230	350	5A	2	55	22
NIAGARA UNIVERSAL	STC-1.5 CN	300 x 120 x 185	Continuous @ 18LPM	N/A	230	270	5A	1.5	55	15*
	STC-2.0 CN	305 x 120 x 185	20 min on/ 40 min off	N/A	230	350	5A	2	55	22
NILE	STR-1.2 C	250 x 140 x 190	20 min on/ 40 min off	1.5m	230	350	5A	1.2	35	15*
	STR-1.5 C	250 x 140 x 190	20 min on/ 40 min off	1.5m	230	390	5A	1.5	35	15*
	SSR-1.5 C	230 x 140 x 190	20 min on/ 40 min off	1.5m	230	270	5A	1.5	17	15*
AMAZON	STP-1.5 B	245 x 145 x 225	Continuous	1.5m	230	525	5A	1.8	45	22
	SSP-2.0 B	195 x 145 x 225	Continuous	1.5m	230	400	5A	2.3	20	22
	STP-2.0 B	258 x 145 x 225	Continuous	1.5m	230	640	5A	2.4	50	22
	SSP-3.0 B	195 x 145 x 225	Continuous	1.5m	230	435	5A	3	22	22
	STP-3.0 B	271 x 145 x 225	Continuous	1.5m	230	850	5A	3.4	52	22
	STP-4.0 B	284 x 145 x 225	Continuous	1.5m	230	920	10A	4.1	50	22
AMAZON UNIVERSAL	STN-1.5 B	245 x 225 x 283	Continuous	1.5m	230	525	5A	1.8	45	22
	SSN-2.0 B	195 x 225 x 283	Continuous	1.5m	230	400	5A	2.3	20	22
	STN-2.0 B	258 x 225 x 283	Continuous	1.5m	230	640	5A	2.4	50	22
	SSN-3.0 B	195 x 225 x 283	Continuous	1.5m	230	435	5A	3	22	22
	STN-3.0 B	271 x 225 x 283	Continuous	1.5m	230	850	5A	3.4	52	22
	STN-4.0 B	284 x 225 x 283	Continuous	1.5m	230	920	10A	4.1	50	22
AMAZON EXTRA	CH4-30	410 x 145 x 342	Continuous	3.0m	230	840	5A	2.6	150	22
	CH4-50	410 x 145 x 436	Continuous	3.0m	230	1300	10A	4.4	150	22
	CH4-60	410 x 145 x 446	Continuous	3.0m	230	1460	10A	5.2	150	22

* 22/15mm reducer required ** Low voltage transformers must be connected to 230V



The Grundfos Sololift2 range has completely revolutionised the addition of extra facilities away from the main soil stack.

The SOLOLIFT2 WC models contain a powerful motor, robust vortex pump and professional hardened stainless steel cutter (more able to withstand occasional 'unauthorised' objects) – which are assembled together in a self contained unit that can be completely removed without the SOLOLIFT2 having to be drained or moved from situ.



SOLOLIFT2 WC-1

What it does

Removes wastewater and toilet waste from a single w.c. and basin where outlet is away from the main soil stack.

Typical Applications

Extra bathrooms, cloakrooms, shower rooms in loft or basement conversions, holiday cottages, B&B's, student or disabled accommodation etc

Features & Benefits

- WC-1 = Fixed WC inlet, plus 1 additional optional inlet.
- Unique modern design.
- Low noise level.
- Unique reliable professional cutter.
- Modular design for ease of service.
- 'Clean hands' serviceability.
- Thermal overload switch.
- High power motor.
- Vertical or horizontal discharge.
- Internal benching -minimal residue.
- Self cleaning, no need for chemicals.
- Vent pipe connection option.
- Continuous operation without tripping.
- Flexible discharge pipe adapters for outer pipe diameters of $\varnothing 23$, $\varnothing 25$, $\varnothing 28$, and $\varnothing 32$ mm.

Product Code

SOLOLIFT2 WC-1 - 97775329



SOLOLIFT2 WC-3

What it does

Removes wastewater and toilet waste from a single w.c., basin, shower and bidet where outlet is away from the main soil stack.

Typical Applications

Extra bathrooms, cloakrooms, shower rooms in loft or basement conversions, holiday cottages, B&B's, student or disabled accommodation etc

Features & Benefits

- WC-3 = Fixed WC inlet, plus 3 additional optional inlets.
- Unique modern design.
- Low noise level.
- Unique reliable professional cutter.
- Modular design for ease of service.
- 'Clean hands' serviceability.
- Thermal overload switch.
- High power motor.
- Vertical or horizontal discharge.
- Internal benching -minimal residue.
- Self cleaning, no need for chemicals.
- Vent pipe connection option.
- Continuous operation without tripping.
- Flexible discharge pipe adapters for outer pipe diameters of $\varnothing 23$, $\varnothing 25$, $\varnothing 28$, and $\varnothing 32$ mm.

Product Code

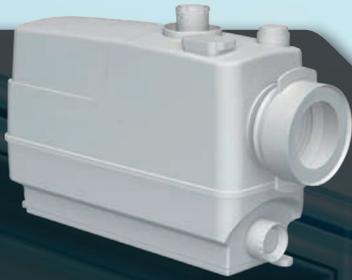
SOLOLIFT2 WC-3 - 97775330

FOR FURTHER INFORMATION
Visit www.grundfos.co.uk
Visit WebCAPS & ECADEMY at
www.grundfos.co.uk



See the Grundfos Sololift2 Installation Video

<http://uk.grundfos.com/about-us/news-and-press/news/how-to-install-a-sololift2.html>



SOLOLIFT2 CWC-3

What it does

Removes wastewater and toilet waste from a wall hung toilet, basin & shower where outlet is away from the main soil stack.

Typical Applications

Extra bathrooms, cloakrooms, shower rooms in loft or basement conversions, holiday cottages, B&B's, student or disabled accommodation etc

Features & Benefits

- For wall hung toilets, compact and slim for easy integration.
- CWC-3 = Compact unit with fixed WC inlet, plus 3 additional optional inlets.
- Unique modern design.
- Low noise level.
- Unique reliable professional cutter.
- Modular design for ease of service.
- 'Clean hands' serviceability.
- Thermal overload switch.
- High power motor.
- Vertical or horizontal discharge.
- Internal benching - minimal residue.
- Self cleaning, no need for chemicals.
- Vent pipe connection option.
- Continuous operation without tripping.
- Flexible discharge pipe adapters for outer pipe diameters of $\varnothing 23$, $\varnothing 25$, $\varnothing 28$, and $\varnothing 32$ mm.

Product Code

SOLOLIFT2 CWC-3 - 97775331



SOLOLIFT2 C-3

What it does

Removes wastewater from a washing machine, dishwasher and basin where outlet is away from the main soil stack.

Typical Applications

Especially designed for high temp liquid wastewater from washing machines or dishwashers. Use when adding a utility room, or for loft or basement conversions, holiday cottages, B&B's, student or disabled accommodation etc

Features & Benefits

- Compact unit with 3 optional inlets.
- Compact and slim for installation under a washbasin or in a closet.
- Low noise level.
- Modular design for ease of service.
- Thermal overload switch.
- Up to 90°C water temperature.
- Vortex impeller reduces clogging.
- Adjustable start level.
- High power motor.
- Vertical or horizontal discharge.
- Vent pipe connection option.
- Continuous operation without tripping.
- Flexible discharge pipe adapters for outer pipe diameters of $\varnothing 23$, $\varnothing 25$, $\varnothing 28$, and $\varnothing 32$ mm.

Product Code

SOLOLIFT2 C-3 - 97775332



SOLOLIFT2 D-2

What it does

Removes wastewater from a shower and basin where outlet is away from the main soil stack.

Typical Applications

Extra sink, basin or shower in a loft or basement conversion, holiday cottages, B&B's, student or disabled accommodation etc

Features & Benefits

- Compact unit with 2 optional inlets.
- Unique design with smooth line and rounded edges - fits every modern bathroom environment.
- Low noise level.
- Modular design for ease of service.
- Thermal overload switch.
- Vortex impeller helps reduce clogging from fibres and hair.
- 20mm free passage.
- 80mm minimum trap outlet height.
- High power motor.
- Vent pipe connection option.
- Continuous operation without tripping.
- Flexible discharge pipe adapters for outer pipe diameters of $\varnothing 23$, $\varnothing 25$, $\varnothing 28$, and $\varnothing 32$ mm.

Product Code

SOLOLIFT2 D-2 - 97775333



**The Grundfos
Sololift2 Selector App**
featuring installation guides and Videos
now available to download



(iPhone 4+/iPad2+)



(Android 4.0+)

Grundfos Watermill Ltd

Gemini House
Enterprise Way
Edenbridge
Kent. TN8 6HF

Telephone: 01732 869700

Fax: 01732 869716

Email: wgb-info@grundfos.com