

Salamander Pumps 

# GravityBooster

RANGE



A range of gravity fed pumps to boost water pressure,  
improving the water performance to the shower,  
bathroom or whole house.

Smarter Water Performance





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# Range Explained

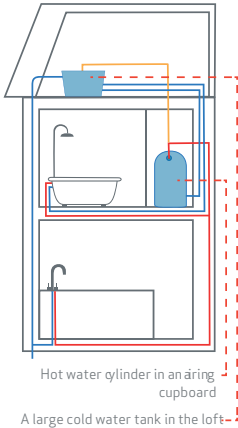
Whether you need to power just one shower or the whole house, there is a pump in our GravityBooster range to help.

The pumps in the GravityBooster range are only suitable for gravity-fed systems, which are common in older properties and renowned for poor pressure.

A gravity-fed system is identified by a cold-water storage tank, usually stored in a loft, and a hot water cylinder.

These systems rely on gravity to force water around the system, with the height of the cold-water storage tank determining the pressure throughout the system.

Over recent years our gravity-fed range of pumps have been re-engineered and re-designed, using cutting edge technologies to make the GravityBooster range some of the quietest, most compact and reliable pumps on the market.



We also manufacture a range of products for mains-fed systems, including combination boilers and unvented systems.

Visit [www.salamanderpumps.co.uk/mainsbooster](http://www.salamanderpumps.co.uk/mainsbooster) to view the range and to learn more.

# Pump Specification

The information on the next few pages will help you identify which pump is most suitable for the installation.

## Single or Twin? Do you want to boost either hot OR cold water or both?

Single  
Hot **OR** cold water



In cases where either the hot **or** cold water is to be boosted a single pump is needed. A single pump only has one impeller which can be connected to either the hot or cold water supply.

Twin  
Hot **AND** cold water



In cases where both hot **and** cold water are to be boosted a twin pump is needed. Twin pumps have two impellers, one at each end of the pump, one for hot water and the other for cold water.

## The Size of the Shower Head The bigger the shower head or the more things you want to pump, the more powerful pump you are going to need.

I WANT TO BOOST	BAR
Shower ONLY with a shower head of 100-120mm	1.5
Small bathroom and a shower with a shower head of 100-120mm	2.0
Large bathroom or multiple smaller bathrooms with a shower head of 120mm+	
Multiple bathrooms, 150mm+ shower heads and/or shower with massage function and body jets	3.0

# Pump Specification

## Is the System Suitable for a Positive Head Pump?

3

A positive head pump will activate when a minimum flow of water passes through the pump and out of the pumped outlet, such as a shower or tap, naturally (without assistance from the pump). The minimum flow rate required for our positive head pumps is 1 litre of water per 30 seconds per side.

You can carry out the following test to determine if a positive head pump is suitable for the system. You will need to test all outlets, such as showers and taps, that are going to be pumped to determine if they have the required minimum flow rate.

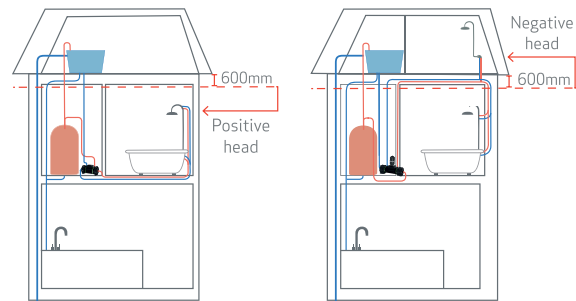
### For showers and mixed hot and cold taps:

1. Turn the water to fully hot.
2. Time how long it takes to get 1 litre of water, if it takes less than 30 seconds then it's a positive head.
3. Repeat the process for fully cold – both hot and cold must get 1 litre of water in less than 30 seconds for the system to be suitable for positive head pumps.
4. For showers, you also need to get 2 litres of mixed water (hot and cold together) in 30 seconds.

### For hot or cold outlets, such as a hot or cold tap:

1. Time how long it takes to get 1 litre of water, if it takes less than 30 seconds then it's positive head.

If you cannot measure the flow rate, then check if the system is suitable for a positive head pump if there is more than 600mm between the base of the cold-water storage tank and the highest point in the system after the pump. The illustration below shows a shower with pipework below the dotted line indicating the 600mm point.



If you are unable to achieve the minimum flow rate of 1 litre per 30 seconds from all outlets that are to be pumped you **need to install a universal/negative head pump**.

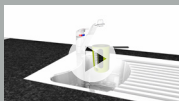


Pumps suitable for **positive head systems** will have this icon next to them.



Pumps suitable for **negative head or positive head systems** will have this icon next to them.

## Watch



Scan the QR Code to watch our supporting video showing how to measure the flow rate.



## Watch



Scan the QR Code to watch our supporting video showing the difference between a positive and negative head pump.





# Pump Ranges

The GravityBooster range from Salamander Pumps offers a range of pumps to boost water performance in a gravity-fed installation.

## What Do You Want to Boost?

Many homes have a gravity-fed system which are renowned for poor water pressure and flow. A shower pump is often needed to boost water performance.

### Independent Outlet

Improve the performance to a single shower or tap.

### Bathroom

Increase performance to multiple outlets in a bathroom.

### Whole House

Boost the water pressure throughout the entire home.

## Product Selection Support

Scan the QR code to visit our online product selector.



## Compatibility Key



### Shower

Suitable for boosting the water pressure to a shower.





























### Taps

Suitable for boosting the water pressure to taps.



### Whole House

Suitable for boosting the water pressure to the whole house.

	Key Features	Warranty	Compatibility	Specification	
<b>CT XTRA</b> 	Compact in size, quiet operation, patented technology, for boosting a single shower.	3 years	 	  	PAGE 10
<b>CT BATHROOM</b> 	Specifically designed to boost water supplies to a bathroom, en-suite or utility room.	3 years	 	  	PAGE 12
<b>CT FORCE</b> 	Solid brass, impellers and robust brass ends. Quiet operation, patented technology.	5 years	  	  	PAGE 14
<b>RIGHT PUMP</b> 	Quietest pumps in the range, high performance.	3 years	  	  	PAGE 18



# CT XTRA

CT Xtra is Salamander Pumps' best selling range of shower pumps and probably the biggest selling range of shower pumps in the UK. The CT Xtra range is ideal for boosting water pressure to a thermostatic shower or tap.

## The hard working, affordable pump

Compact in size, quiet in operation and containing patented technology this range of pumps are some of the quietest plastic, regenerative pumps on the market.

## Patented technology

Our innovative product designs are protected by patents, making them unique in the world of shower pumps.

## 3 year warranty



## CT Xtra

### Single Ended, Positive

Boost either the hot or cold water pressure to an individual hot or cold tap.

PUMP	BAR	dBA
CT55 Xtra	1.5	44.5
CT85 Xtra	2.2	52



## SUITABLE FOR:



SHOWER



TAPS



WHOLE HOUSE



POSITIVE HEAD



NEGATIVE HEAD



SINGLE HOT OR COLD



TWIN HOT & COLD



GRAVITY SYSTEM

## CT Xtra

### Twin Ended, Positive

Boost both hot and cold water pressure to a single thermostatic shower. Our entry level CT Xtra pumps are hard-working and affordable.

PUMP	BAR	dBA
CT50 Xtra	1.5	52.5
CT75 Xtra	2.0	53.5



## SUITABLE FOR:



SHOWER



TAPS



WHOLE HOUSE



POSITIVE HEAD



NEGATIVE HEAD



SINGLE HOT OR COLD



TWIN HOT & COLD



GRAVITY SYSTEM

# CT BATHROOM

Specifically designed to meet the increased demands for water supply within an en-suite, bathroom or utility room.

## Crossover™ technology

Protects the pump from damage and prolongs its life.

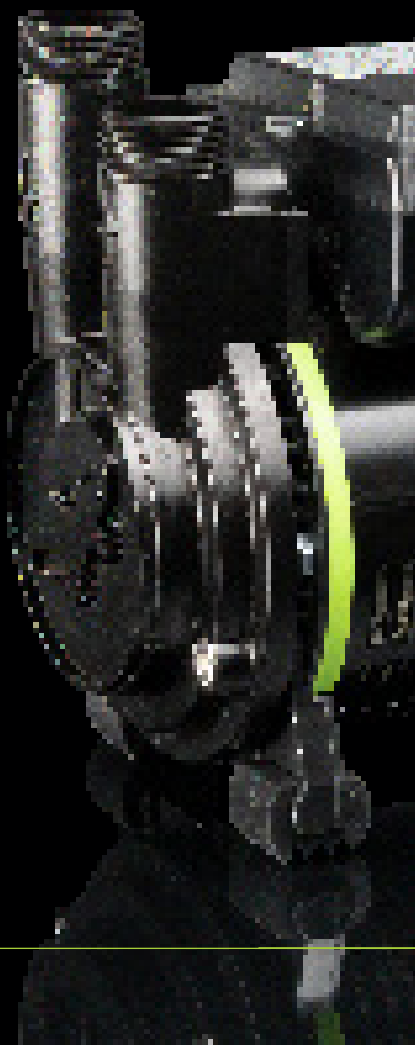
## Higher performance and pressure

To cope with the demand for increased water pressure to multiple outlets in one room.

## Patented technology

Our innovative product designs are protected by patents, making them unique in the world of shower pumps.

## 3 year warranty



## CT Bathroom

### Twin Ended, Positive

With their advanced design features the CT Bathroom twin ended range will efficiently boost the hot and/or cold water pressure to conventional, victorian can, multi functional and electric showers, single and mixer taps, baths, basins and toilets.



PUMP	BAR	dBA
CT60B	1.8	53.5
CT80B	2.6	57.5

### SUITABLE FOR:



SHOWER

TAPS

WHOLE HOUSE

POSITIVE HEAD

NEGATIVE HEAD

SINGLE HOT OR COLD

TWIN HOT & COLD

GRAVITY SYSTEM

## CT Bathroom

### Twin Ended, Negative (Universal)

The CT Bathroom twin ended, negative pumps are suitable for boosting both hot and cold water pressure to conventional, victorian can, multi functional and electric showers, single and mixer taps, baths, basins and toilets.



PUMP	BAR	dBA
CT60BU	1.8	53.5
CT80BU	2.6	57.5

### SUITABLE FOR:



SHOWER

TAPS

WHOLE HOUSE

POSITIVE HEAD

NEGATIVE HEAD

SINGLE HOT OR COLD

TWIN HOT & COLD

GRAVITY SYSTEM



# CT FORCE

Built with robust brass ends and brass impellers this range of pumps has been engineered to be some of the quietest brass pumps on the market. Efficient water way design coupled with motor pump integration makes this range compact, powerful and robust.



## CT Force 15PT is the quietest twin ended brass pump

Independently tested to be 48dBA, the CT Force 15PT is the quietest twin ended brass pump on the market.\*

## Robust and durable

With a brass impeller and brass ends, these pumps are built to last.

## Patented technology

Our innovative product designs are protected by patents, making them unique in the world of shower pumps.

## 5 year warranty

\* Independently tested, contact us for details.



## CT Force

### Single Ended, Positive

Robust, brass regenerative pumps for boosting pressure to single outlets, bathrooms or the whole house. The CT Force single ended, positive pumps will efficiently boost the water pressure to baths, taps, toilet cistern or wash basin.

PUMP	BAR	dBA
CT Force 20PS	2.0	49
CT Force 30PS	3.0	42



#### SUITABLE FOR:



#### SPECIFICATION:



## CT Force

### Single Ended, Negative (Universal)

Universal (negative head) brass regenerative pumps, ideal for delivering a boost to baths, taps, toilet cistern, wash basin, washing machine, conventional, and multi-function showers, and whole house appliances. Also compatible with combination boilers, single/multi-point water heaters, electric showers and unvented cylinders all via a cold water break tank.

PUMP	BAR	dBA
CT Force 20SU	2.0	49
CT Force 30SU	3.0	42



#### SUITABLE FOR:



#### SPECIFICATION:



## CT Force

### Twin Ended, Positive

Crossover™ technology, which is in all of the CT Force twin ended pumps, means they can be used for multiple or single outlet use. The CT Force twin ended, positive pumps will effectively boost the water pressure to baths, conventional showers, taps, toilet cistern and wash basin.

PUMP	BAR	dBA
CT Force 15PT	1.5	48
CT Force 20PT	2.0	54
CT Force 30PT	3.0	52.5



#### SUITABLE FOR:



#### SPECIFICATION:



\*15TU not suitable for whole house application

## CT Force

### Twin Ended, Negative (Universal)

CT Force twin ended, negative pumps are ideal for delivering a real boost to low water pressure systems for multiple or single outlet use. They will effectively boost the water pressure to baths, taps, toilet cistern, wash basin, whole house appliances, and a wide range of shower types and heads.

PUMP	BAR	dBA
CT Force 15TU*	1.5	48
CT Force 20TU	2.0	54
CT Force 30TU	3.0	52.5



#### SUITABLE FOR:



#### SPECIFICATION:



\*15TU not suitable for whole house application





# RIGHT PUMP

Right pumps form our premium product range, offering the most powerful performance and a power shower pump solution. The Right Pump range provides a powerful boost to water performance.

## Powerful and quiet

Using centrifugal technology, they are very quiet and are more flow efficient than regenerative pumps.

## 3 year warranty



## Right Pump Single Ended, Negative (Universal)

The Right Pump premium single ended pump will boost the hot or cold water supplies to baths, showers, wash basins, taps and whole house in a negative or positive head, gravity-fed installation. RP805SU and RP120SU are also compatible with combination boilers, single/multipoint water heaters, electric showers and unvented cylinders all via a cold water break tank.

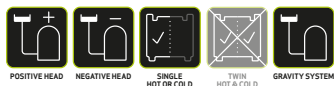
PUMP	BAR	dBA
RP55SU	1.5	49.5
RP805SU	2.4	52.0
RP120SU	3.6	51.5



### SUITABLE FOR:



### SPECIFICATION:



## Right Pump Twin Ended, Negative (Universal)

The Right Pump premium twin ended pump will boost the hot and cold water supplies to baths, showers, wash basins, taps and whole house in a negative or positive head, gravity-fed installation. Also compatible with massage function features and electric showers via a cold water break tank.

PUMP	BAR	dBA
RP50TU	1.5	45.5
RP75TU	2.0	50.2
RP100TU	3.0	55.5



### SUITABLE FOR:



### SPECIFICATION:



## Right Pump Twin Ended, Positive

The Right Pump premium twin ended pump will quietly and efficiently boost the hot and cold water supplies to showers, baths, basins and toilets in a positive head, gravity-fed installation. Independent testing has shown the RP50PT to be the quietest twin shower pump on the market, at only 45.5dBA.

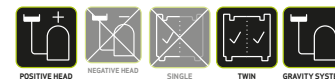
PUMP	BAR	dBA
RP50PT	1.5	45.5
RP75PT	2.0	50.2
RP100PT	3.0	55.5



### SUITABLE FOR:



### SPECIFICATION:







CT Xtra				CT BATHROOM				CT FORCE			
SINGLE		TWIN		TWIN				SINGLE			
CT55	CT85	CT50	CT75	CT60B	CT60BU	CT80B	CT80BU	CTF 20PS	CTF20SU	CTF30PS	CTF 30 SU
REGENERATIVE PUMPS FOR GRAVITY-FED INSTALLATION											

CT FORCE						RIGHT PUMP					
TWIN						SINGLE		TWIN		TWIN	
CT F15PT	CTF15TU	CTF 20PT	CTF20TU	CT F30PT	CTF 30 TU	RP55SU	RP80SU	RP120SU	RP50TU	RP75TU	RP100TU
REGENERATIVE PUMPS FOR GRAVITY-FED INSTALLATION						CENTRIFUGAL PUMPS FOR GRAVITY-FED INSTALLATION					

#### PERFORMANCE

Bar Rating Closed Head	1.5	2.2	1.5	2.0	1.8	1.8	2.6	2.6	2.0	2.0	3.0	3.0
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#### PUMP

Positive Head	●	●	●	●	●	●	●	●	●	●	●	●
Universal/Negative Head						●				●		●

#### FUNCTION

Shower Only	●	●	●	●	●	●	●	●	● <sup>2</sup>	●	● <sup>2</sup>	●
Whole House					●	●	●	●	●	●	●	●
Individual Taps / Outlets	●	●			●	●	●	●	●	●	●	●
Instant Electric Shower*						● <sup>1</sup>		● <sup>1</sup>	●		●	
Washing Machine / Dishwasher						● <sup>1</sup>		● <sup>1</sup>		●	●	
Conventional Shower			●	●	●	●	●	●	●		●	
Victorian Can Shower Head							●	●				●
Multi Function Shower						●		●	● <sup>2</sup>		●	
Body Jets (4 max)								●			● <sup>2</sup>	
Toilets	●	●			●	●	●	●	●	●	●	●
Washbasins	●	●			●	●	●	●	●	●	●	●

#### CONNECTION SIZE / TYPE

Hose	Pushfit (mm)	15	15	15	15	15	15	22	22	22	22	22
Isolators	Inlet	●	●	●	●	●	●	●	●	●	●	●
	Outlet					●	●	●	●	●	●	●

#### WARRANTY

As standard	3 years	3 years	3 years				5 years					
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\* Twin pumps are not suitable for electric shower only application.

If supplying a mixer shower/tap with cold mains water, a single ended, negative head pump, that matches the mains pressure as close as possible should be used for the gravity hot water.

Please note - in certain installations a positive, single ended pumps may need to be upgraded to negative head. For advice please contact Salamander Pumps.

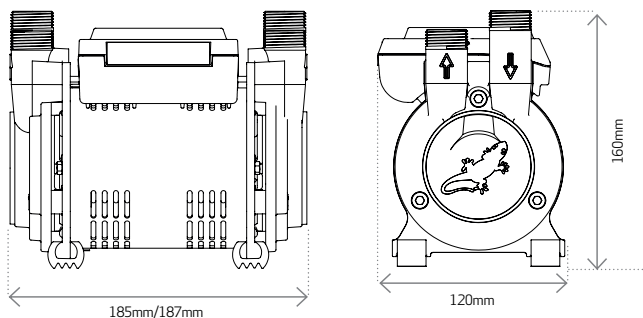
<sup>1</sup> From a tank / as part of a whole house install.

<sup>2</sup> Where cold is mains fed or cold uses another pump.

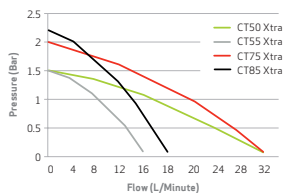


## CTXtra

### Dimensions



### Flow Curves



### Patents

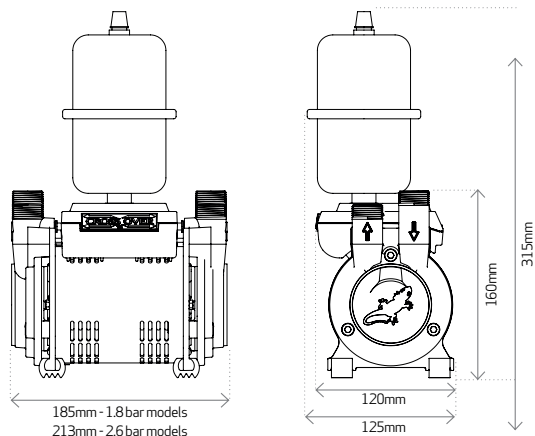
GB2465392B  
Integrated volute

	CT50+ Xtra	CT75+ Xtra	CT55+ Xtra	CT85+ Xtra
General	Guarantee		3 Years	
	WRAS approval		1309001	
Features	Pump Type		Regenerative	
	Mechanical seal		Nitrile / PTFE / Ceramic	
	Anti-vibration feet		✓	✓
	Inlet Isolator(s)		✓	✓
	Flexible hoses		4	2
Performance	Pressure @ 16lpm (8lpm for singles)		1.0 Bar	1.3 Bar
	Bar Pressure @ 8lpm (4lpm for singles)		1.3 Bar	1.7 Bar
	Pressure @ Closed Head		1.5 Bar	2.0 Bar
	Maximum Water Temperature		65°C	
	Pressure Vessel Air Pre-Charge		N/A	
Connections	Pump connections		3/4" BSP	
	Flexible Hoses UK Model		3/4" Female x 15mm Push-Fit x 195mm long	
	Flexible Hoses ROI Model*		3/4" Female x 21mm Push-Fit x 195mm long	
Motor	Type		A.C Induction Motor	
	Duty rating		Continuously Rated	
Electrical	Power Supply		230v	
	Current (full load)		1.97 Amps	2.05 Amps
	Power consumption		455 Watts	484 Watts
	Fuse Rating		3 Amps	
	Power cable (pre-wired)		1.5 metres	
Physical	Enclosure Protection (IP Rating)		IPX3	
	Length		185mm	187mm
	Width		120mm	
	Height (Excluding Hoses)		160mm	
	Weight (Excluding Hoses)		3.9kg	3.8 kg

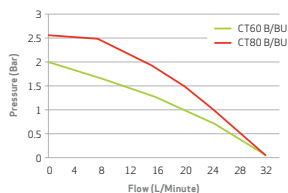
\*Product codes ROI model of this pump are CT54Xtra, CT79Xtra, CT59Xtra, CT89Xtra

## CT Bathroom

### Dimensions



### Flow Curves



### Patents

GB2465392B  
Integrated volute

### CT Bathroom 60B/BU

### CT Bathroom 80B/BU

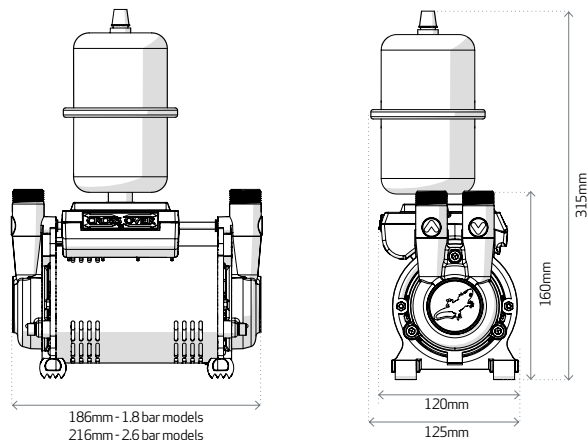
General	Guarantee	3 Years	
	WRAS approval	1507004	
Features	Pump Type	Regenerative	
	Mechanical seal	Nitrile / PTFE / Ceramic	
	Anti-vibration feet	✓	✓
	Inlet Isolator(s)	✓	✓
	Flexible hoses	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.3 Bar	1.6 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.7 Bar	2.3 Bar
	Pressure @ Closed Head	1.8 Bar	2.6 Bar
	Maximum Water Temperature	65°C	
	Pressure Vessel Air Pre-Charge	28 psi	
Connections	Pump connections	3/4" BSP	
	Flexible Hoses UK Model	3/4" Female x 15mm x 190mm push-fit isolating valves	3/4" Female x 22mm push-fit x 280mm long, isolating valves on all hoses
	Flexible Hoses ROI Model*	3/4" Female x 21mm push-fit x 280mm long, isolating valves on all hoses	
Motor	Type	A.C Induction Motor	
	Duty rating	Continuously Rated	
Electrical	Power Supply	230v	
	Current (full load)	1.95 Amps	2.24 Amps
	Power consumption	455 Watts	484 Watts
	Fuse Rating	3 Amps	
	Power cable (pre-wired)	1.5 metres	
Physical	Enclosure Protection (IP Rating)	IPX3	
	Length	185mm	213mm
	Width	120mm (B) / 125mm (BU)	
	Height (Excluding Hoses)	160mm (B) / 315mm (BU)	
	Weight (Excluding Hoses)	4.0/4.6kg	5.2/5.8kg

\*Product codes ROI model of this pump are CT64HXtra, CT64HUXtra, CT84HXtra, CT84HUXtra

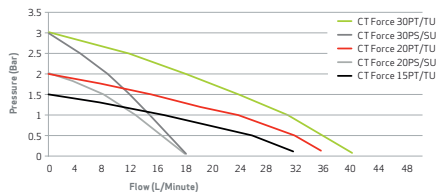


## CTForce

### Dimensions



### Flow Curves



### Patents

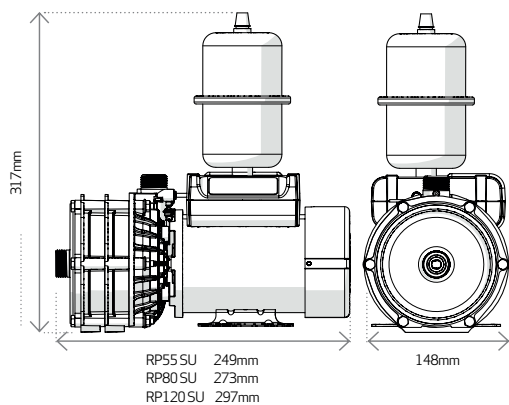
GB2465392B  
Integrated volute

CT Force 15PT/TU	CT Force 20PT/TU	CT Force 30PT/TU	CT Force 20PS/SU	CT Force 30PS/SU
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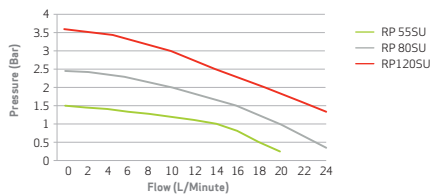
General	Guarantee	5 Years				
	WRAS approval	1210047				
Features	Pump Type	Regenerative				
	Mechanical seal	Nitrile/PTFE/Ceramic				
	Anti-vibration feet	✓	✓	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓	✓	✓
	Flexible hoses	4	4	4	2	2
Performance	Pressure @ 16lpm (8lpm for singles)	1.1 Bar	1.5 Bar	2.2 Bar	1.5 Bar	2.1 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.3 Bar	1.8 Bar	2.6 Bar	1.8 Bar	2.6 Bar
	Pressure @ Closed Head	1.5 Bar	2.0 Bar	3.0 Bar	2.0 Bar	3.0 Bar
	Maximum Water Temperature	65°C				
	Pressure Vessel Air Pre-Charge	22psi	28psi	32psi	28psi	32psi
Connections	Pump Connections	3/4"BSP				
	Connections (UK)	3/4" Female x 22mm Push-Fit x 280mm long, isolating valves				
	Connections (ROI)*	3/4" Female x 21mm Push-Fit x 280mm long, isolating valves				
Motor	Type	A.C Induction Motor				
	Duty rating	Continuously Rated				
Electrical	Power Supply	230v				
	Current (full load)	1.95 mps	2.24 Amps	2.9 Amps	1.25Amps	1.9 Amps
	Power Consumption	457 Watts	531 Watts	690 Watts	304 Watts	410 Watts
	Fuse Rating	3 Amps				
	Power Cable (pre-wired)	1.5 metres				
Physical	Enclosure Protection (IP Rating)	IPX3				
	Length	186mm	186mm	216mm	188mm	218mm
	Width	120mm(PT/PS) / 125mm (TU/SU)				
	Height (Excluding Hoses)	160mm(PT/PS) / 315mm (TU/SU)				
	Weight (Excluding Hoses)	5.0/5.6kg	5.0/5.6kg	6.3/6.8kg	4.4/5.0kg	5.7/6.2kg

## Right Pumps - Single Ended Universal

### Dimensions



### Flow Curves

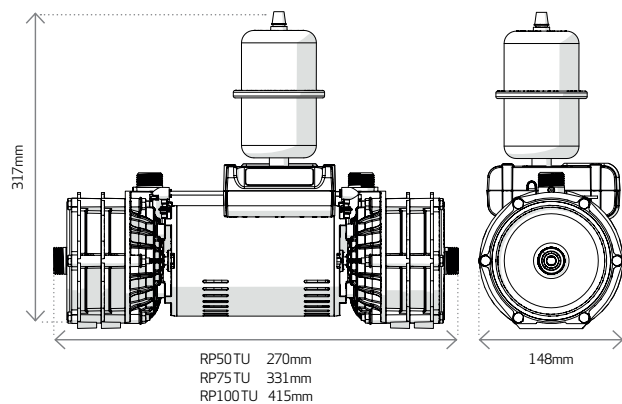


		RP55SU	RP80SU	RP120SU
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	2	2	2
Performance	Pressure @ 16lpm (8lpm for singles)	1.3 Bar	2.1 Bar	3.2 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.4 Bar	2.3 Bar	3.4 Bar
	Pressure @ Closed Head	1.5 Bar	2.4 Bar	3.6 Bar
	Maximum Water Temperature	65°C		
	Pressure Vessel Air Pre-Charge	12 psi	18 psi	34 psi
Connections	Pump connections	3/4" BSP		
	Flexible Hoses UK Model	3/4" Female x 22 mm Push-Fit x 280mm long - isolating valves on all hoses		
Motor	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
Electrical	Power Supply	230v		
	Current (full load)	1.10 Amps	1.75 Amps	2.40 Amps
	Power consumption	245 Watts	400 Watts	565 Watts
	Fuse Rating	3 Amps	3 Amps	3 Amps
	Power cable (pre-wired)	1.5 metres		
Physical	Enclosure Protection (IP Rating)	IPX3		
	Length	249mm	273mm	297mm
	Width	148mm		
	Height (Excluding Hoses)	317mm		
	Weight (Excluding Hoses)	6.4kg	6.7kg	7.0kg

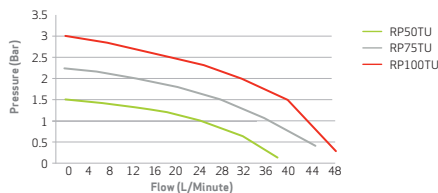


## Right Pumps - Twin Ended Universal

### Dimensions



### Flow Curves

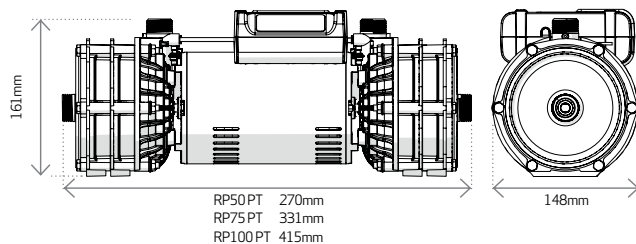


		RP50TU	RP75TU	RP100TU
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	1.9 Bar	2.7 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.4 Bar	2.1 Bar	2.9 Bar
	Pressure @ Closed Head	1.5 Bar	2.2 Bar	3.0 Bar
	Maximum Water Temperature	65°C		
	Pressure Vessel Air Pre-Charge	12 psi	18 psi	34 psi
Connections	Pump connections	3/4" BSP		
	Flexible Hoses UK Model	3/4" Female x 22 mm Push-Fit x 280mm long - isolating valves on all hoses		
Motor	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
Electrical	Power Supply	230v		
	Current (full load)	1.40 Amps	2.70 Amps	4.60 Amps
	Power consumption	325 Watts	630 Watts	1045 Watts
	Fuse Rating	3 Amps	5 Amps	5 Amps
	Power cable (pre-wired)	1.5 metres		
Physical	Enclosure Protection (IP Rating)	IPX3		
	Length	270mm	331mm	415mm
	Width	148mm		
	Height (Excluding Hoses)	317mm	317mm	335mm
	Weight (Excluding Hoses)	5.6kg	6.8kg	9.9kg

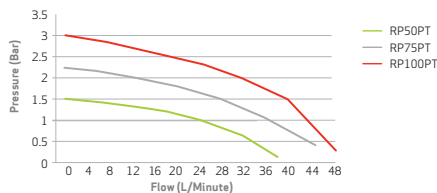


## Right Pumps - Twin Ended Positive

### Dimensions



### Flow Curves



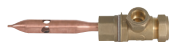
		RP50PT	RP75PT	RP100PT
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	1.9 Bar	2.7 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	14 Bar	2.1 Bar	2.9 Bar
	Pressure @ Closed Head	1.5 Bar	2.2 Bar	3.0 Bar
	Maximum Water Temperature	65°C		
	Pressure Vessel Air Pre-Charge	N/A	N/A	N/A
Connections	Pump connections	3/4" BSP		
	Flexible Hoses UK Model	3/4" Female x 15mm PushFit x 180mm. straight 220mm angled	3/4" Female x 22 mm Push-Fit x 280mm long - isolating valves on all hoses	
Motor	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
Electrical	Power Supply	230v		
	Current (full load)	1.40 Amps	2.70 Amps	4.60 Amps
	Power consumption	325 Watts	630 Watts	1045 Watts
	Fuse Rating	3 Amps	5 Amps	5 Amps
	Power cable (pre-wired)	1.5 metres		
Physical	Enclosure Protection (IP Rating)	IPX3		
	Length	270mm	331mm	415mm
	Width	148mm		
	Height (Excluding Hoses)	161mm	161mm	170mm
	Weight (Excluding Hoses)	4.8kg	6.0kg	9.1kg





# Accessories

## S Flange



Anti-aeration flange to protect the pump from damage caused by air.

## Temperature protection blending valve (HWS TMV)



Used to protect the pump in situations where there is inadequate hot water temperature protection.

## Non Return Valve (NRV)



To prevent back flow of water to the pump. It can be fitted between the pump and the anti-vibration coupler.

## Anti-vibration Couplers



Salamander Pumps has a range of replacement anti-vibration couplers. Available in straight and angled, with 15mm and 22mm with plastic or brass nuts. The couplers can be bought individually or as a pack of 4.

## Pressure vessel replacement kit (ACCPV1L)



Suitable for CT Bathroom Universal, CT Force Universal and Right Pump universal range of negative head pumps.

## Antivibration pump feet (ACCFEET)



4 x PLP feet, 4x CT Xtra/CT Bathroom/CT Force feet, 2 x Right Pump feet.

## O ring service kits (SKORING01, SKORING02)



Eight replacement O rings per pack with gaskets included.

## Pump mat (ACCPUMMAT)



Salamander Pumps pump mat made with high density sponge for increased noise reduction. 250mm x 160mm. Thickness: 15mm.

## Salamander Shop



Scan the QR Code to visit the Salamander Shop where our accessories are available to purchase.



# Pump Noise

When deciding which shower pump to install, noise can be an important factor to consider.

Our pumps have been independently tested against our competitor's products and so we can officially say that we have some of the quietest pumps on the market.

## Quiet Mark

CT Xtra, CT Force, Right Pumps have all been awarded the Quiet Mark in association with the Noise Abatement Society.

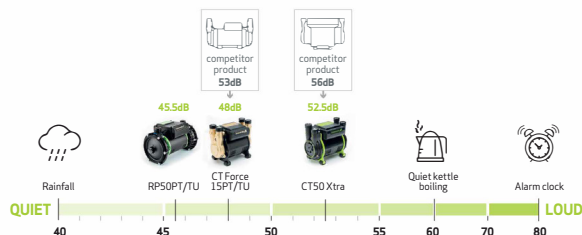
The Quiet Mark acoustics team scientifically test and assess high performance, low noise appliances and solutions in a range of categories. The distinctive purple mark displayed on a product gives assurance that the product is amongst the quietest currently available on the market.



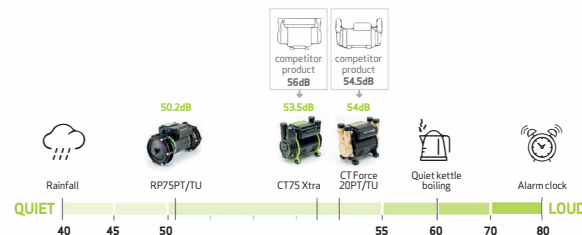
All of our products have been engineered to be as quiet as possible, but it is worth mentioning that there is some noise associated with the operation of all of our products.

For further product information on noise and individual dBA ratings visit our website [www.salamanderpumps.co.uk](http://www.salamanderpumps.co.uk)

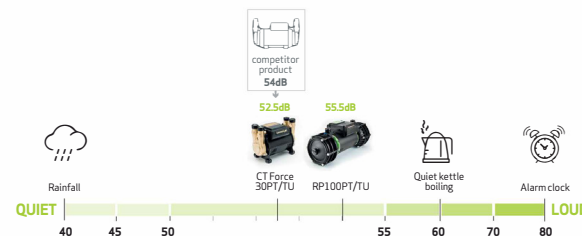
## 1.5 BARTWIN PUMP NOISE RATINGS



## 2.0 BARTWIN PUMP NOISE RATINGS



## 3.0 BARTWIN PUMP NOISE RATINGS



\* Independently tested, contact Salamander Pumps for further information.



# Customer Experience

At Salamander Pumps we put the customer at the centre of everything we do. Our aim is to make the selection, installation and upkeep of our products as easy as possible which is why we offer a range of ways for us to help you.

## Product Selection

Choosing the right product for the installation is crucial to ensure the longevity and smooth running of the pump, that's why we offer technical assistance, guidance and advice to ensure that you select the right product for the job.

Visit our Online Product Selector

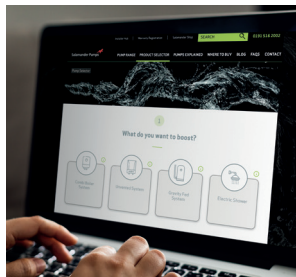


## Brochures

Our brochures are designed to help guide you through the decision process to make sure you get the right product for your particular installation.

## Website

We've created a piece of software that you can find our website ([www.salamanderpumps.co.uk/product-selector](http://www.salamanderpumps.co.uk/product-selector)) that'll ask you a few simple questions and then shows you which products would be right for you.



## Installation Advice

If you're faced with an installation that isn't straightforward or if you have any questions on best installation practices, we're here to help.



### On the phone

We have team of technically trained customer service agents who can guide you over the phone.

Call us on 0191 516 2002.



### Online Chat

Our online chat facility is manned during office hours, by the same technically trained people who are answering the telephones.

Visit [www.salamanderpumps.co.uk](http://www.salamanderpumps.co.uk)

Visit Online Chat



### YouTube

Our Youtube channel has lots of videos showing practical help and a visual guide to make sure your pump is installed in a way that will give it as long a life as possible.

Visit [www.youtube.com/SalamanderPumps](http://www.youtube.com/SalamanderPumps)

Visit YouTube



## Post Installation Advice

Although our pumps are built to the highest quality and each and every one is tested before it leaves the factory, there can still be issues after a pump has been fitted.

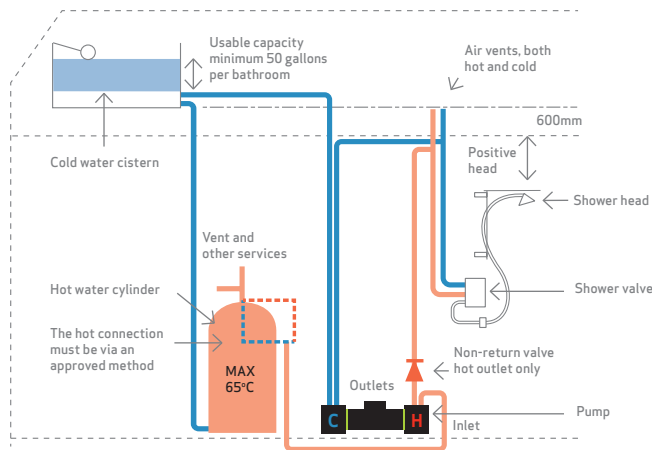
Sometimes these can be quickly fixed over the telephone, some need a bit more investigation, but we are here to help. If you do ever need to contact us regarding a faulty pump, it's always better if you've registered the product with us via our website, or at the very least you have the serial number of the pump to hand.

Our website FAQ section has a lot of information on troubleshooting problems with your pump too, including some step by step guides to some simple tests that we sometimes ask you to do to work out the potential issue with the pump.

The warranty period for our products depends on the type of pump it is and T&Cs can be found at: [www.salamanderpumps.co.uk/terms.php](http://www.salamanderpumps.co.uk/terms.php)

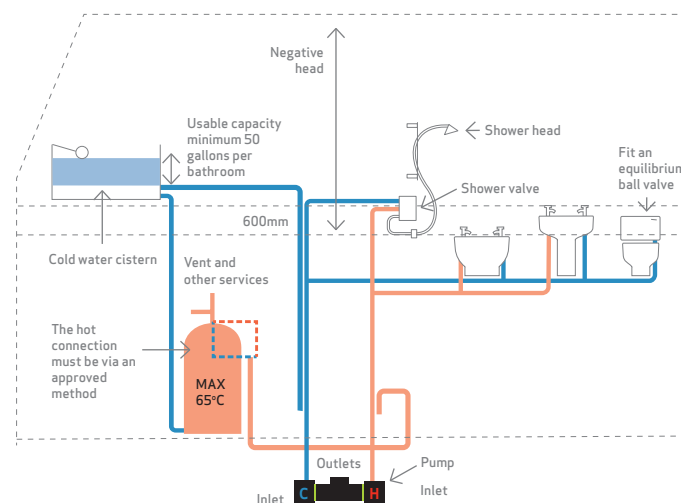


## Positive Head System



Twin-ended, positive pump with up and over pipework and natural flow of 1 litre per 30 seconds per side.

## Negative Head System



Twin-ended, universal pump to a bathroom in a loft conversion.



Get in touch,  
we're here to help  
call us on  
0191 516 2002

Unit 2c Colima Avenue  
Enterprise Park West  
Sunderland, SR5 3XE



[salamanderpumps.co.uk](http://salamanderpumps.co.uk)



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