

Salamander Pumps



Boost your water pressure and flow

Shower, bathroom and whole house pumps





“

If your shower is just a dribble,
your bath takes an age to fill or
your tap flow is low you need
Salamander Pumps.

”

CONTENTS

ABOUT US

04

CHOOSING YOUR PUMP

06

GRAVITYBOOSTER

The GravityBooster range offers pumps to boost water performance in a gravity-fed installation. Our GravityBooster pumps are available in positive and universal head, in 1.5, 2.0 or 3.0 bar, and can come as twin ended or single ended.

08

MAINSBOOSTER

The MainsBooster range includes product solutions suitable for boosting water in all domestic and light commercial, mains fed installations. Boost mains flow and pressure with this range of inline pumps and accumulator tanks.

30

CUSTOMER CARE

40

TECHNICAL SUPPORT

46



SMARTER

PERFORM



— WATER MANANCE

Salamander Pumps is one of the UK's leading manufacturers of shower and domestic water boosting products. Based in the North East of England we've been making pumps for over 30 years. Innovation is used throughout the organisation to create the best quality products and help us deliver outstanding customer service.

Taking feedback from installers and householders we are constantly looking for ways to make water perform and we've used some cutting-edge technologies to make our products some of the quietest, most compact and reliable on the market.

Whether you need to power just one shower or tap or the whole house, there is something in the Salamander Pump range to help.

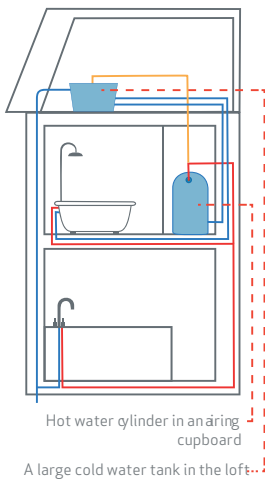


FIND THE RIGHT PRODUCT FOR YOU

It is important to make sure that you get the right product for your hot water system by identifying what type of system you have.

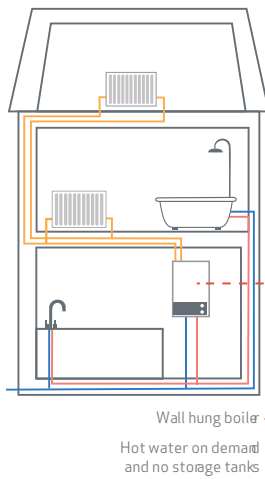
WHAT TYPE OF SYSTEM DO YOU HAVE?

There are three main types of hot water system in the United Kingdom these systems are shown below.



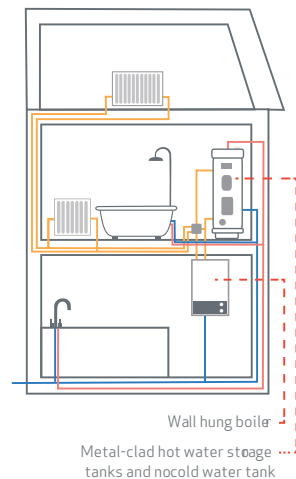
GRAVITY-FED

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.



COMBI BOILER

These systems rely solely on mains pressure to deliver water around your home and provide hot water on demand.



UNVENTED

These systems require a separate hot water cylinder to store a quantity of hot water at mains pressure.



GRAVITY-FED SYSTEM

Identified by a cold-water storage tank, usually stored in a loft, and a hot water cylinder.



GRAVITY BOOSTER
GO TO PAGE 08



ELECTRIC SHOWER

If you just want to boost an electric shower then please visit these sections.



COMBI BOILER SYSTEM

Identified by a wall hung boiler with no stored water.



MAINS BOOSTER
GO TO PAGE 30



UNVENTED SYSTEM

Identified by a wall hung boiler with a separate hot water cylinder but has no cold water tank.





GRAVITYBOOSTER

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

CHOOSING YOUR GRAVITY BOOSTER PUMP	10
ORA	14
CT XTRA	16
CT BATHROOM	18
CT FORCE	20
RIGHT PUMPS	24



CHOOSING YOUR PUMP

This section will help you identify which pump is most suitable for your installation.

HOW TO CHECK IF YOUR SYSTEM IS SUITABLE FOR A POSITIVE HEAD PUMP?

1

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 pump is 1 litre of water per 30 second.

Carry out the following test to determine if a positive head pump is suitable for your 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.

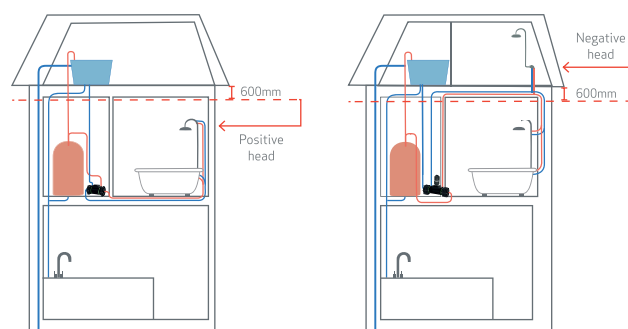


Pumps suitable for positive head systems will have this icon next to them.



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

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 will need to install a universal/negative pump.

Watch



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



SINGLE OR TWIN?

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

2



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.



This icon will be shown against single ended pumps them.



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.



This icon will be shown against twin ended pumps.

THE SIZE OF YOUR SHOWER HEAD

The bigger the shower head or the more things you want to pump, the more powerful pump you are going to need.

3

I WANT TO BOOST	BAR
Shower ONLY with a shower head of 100-120mm	1.5
Small bathroom and a shower with a showerhead 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



CHOOSING YOUR PUMP

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 your 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	GUARANTEE	COMPATIBILITY	SPECIFICATION	
<p>ORA</p> 	Boosts shower performance to a single shower.	1 year		 	PAGE 14
<p>CTXTRA</p> 	Compact in size, quiet operation, patented technology, for boosting a single shower.	3 years	 	  	PAGE 16
<p>CTBATHROOM</p> 	Specifically designed to boost water supplies to a bathroom, ensuite or utility room.	3 years	 	  	PAGE 18
<p>CTFORCE</p> 	Solid brass, impellers and robust brass ends. Quiet operation, patented technology.	5 years	  	  	PAGE 20
<p>RIGHT PUMP</p> 	Quietest pumps in the range, high performance.	3 years	  	   	PAGE 24



ORA

Ora will boost the water pressure to a shower in a gravity-fed, positive head system.

1 year warranty





Ora

Twin Ended, Positive

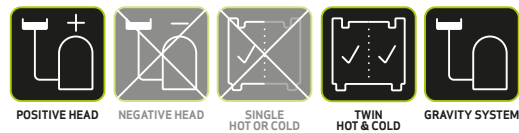
Ora pumps are twin-ended pumps suitable for boosting hot and cold water to a single thermostatic shower.

PUMP	BAR
ORA 1.5	1.5
ORA 2.0	2.0

SUITABLE FOR:



SPECIFICATION:



CT XTRA

CT Xtra is Salamander's biggest 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

Suitable for boosting either the hot or cold water pressure to an individual hot or cold tap, the CT Xtra is a hard-working, affordable pump.

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 COLDTWIN
HOT & COLD

GRAVITY SYSTEM

SPECIFICATION:

CT Xtra Twin Ended, Positive

Suitable for boosting both hot and cold water pressure to a single thermostatic shower, the CT Xtra is a hard-working, affordable pump and is the best-selling pump in the range. The CT Xtra twin ended, positive pumps are entry level pumps that can boost the water pressure to a single conventional shower.

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 COLDTWIN
HOT & COLD

GRAVITY SYSTEM

SPECIFICATION:



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 of pumps will efficiently boost the hot and/or cold water supplies to shower, baths, basins and toilets. The CT Bathroom twin ended, positive pumps will efficiently boost the water pressure to conventional, victorian can, multi functional and electric showers, single and mixer taps, baths, basins and toilets.

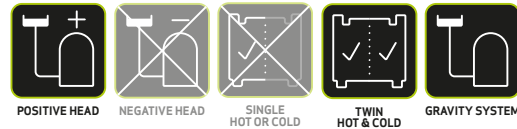


PUMP	BAR	DBA
CT60B	1.8	53.5
CT80B	2.6	57.5

SUITABLE FOR:



SPECIFICATION:



CT Bathroom Twin Ended, Negative

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:



SPECIFICATION:





Sale mand
Fab. V. AV. Salamander
Duty:
Max. static Head
Min. static Head
Max. liquid Temp.
Max. L.M. @ 250KPa (10
Max. Tar. 3.0
Max. Tar. 200KPa (10

SS OVER



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 CTForce 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, wash basin and whole house appliances.

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



SUITABLE FOR:

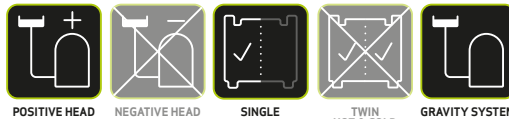


SHOWER

TAPS

WHOLE HOUSE

SPECIFICATION:



POSITIVE HEAD

NEGATIVE HEAD

SINGLE
HOT OR COLDTWIN
HOT & COLD

GRAVITY SYSTEM

CT Force

Single Ended, Negative

Universal (negative head) brass regenerative pumps, ideal for delivering a real boost to low water pressure systems, suitable for baths, taps, toilet cistern, wash basin, washing machine, conventional, and multi-function showers, and whole house appliances. Also compatible with combination boilers, single/multipoint 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:

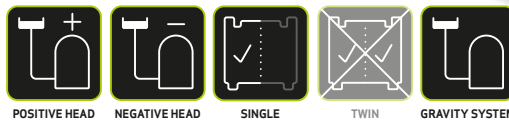


SHOWER

TAPS

WHOLE HOUSE

SPECIFICATION:



POSITIVE HEAD

NEGATIVE HEAD

SINGLE
HOT OR COLDTWIN
HOT & COLD

GRAVITY SYSTEM

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, wash basin and whole house appliances.

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



SUITABLE FOR:

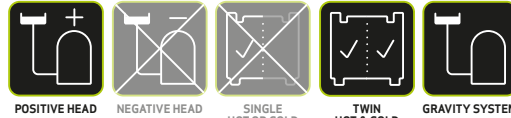


SHOWER

TAPS

WHOLE HOUSE

SPECIFICATION:



POSITIVE HEAD

NEGATIVE HEAD

SINGLE HOT OR COLD

TWIN HOT & COLD

GRAVITY SYSTEM

*15PT not suitable for whole house application

CT Force Twin Ended, Negative

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:

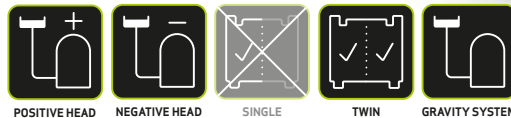


SHOWER

TAPS

WHOLE HOUSE

SPECIFICATION:



POSITIVE HEAD

NEGATIVE HEAD

SINGLE HOT OR COLD

TWIN HOT & COLD

GRAVITY SYSTEM

*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



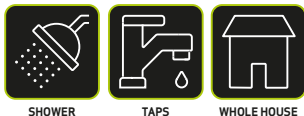
Right Pump

Single Ended, Negative

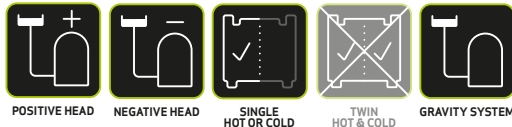
The Right Pump premium single ended pump will boost the hot or cold water supplies to baths, showers, wash basins, taps and whole house in a negative or positive head, gravity-fed installation. RP80SU and RP120SU are also compatible with combination boilers, single/multipoint water heaters, electric showers and unvented cylinders all via a cold water break tank.

PUMP	BAR	DBA
RP55SU	1.5	49.5
RP80SU	2.4	52.0
RP120SU	3.6	51.5

SUITABLE FOR:



SPECIFICATION:



Right Pump

Twin Ended, Negative

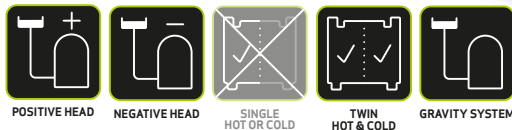
The Right Pump premium twin ended pump will boost the hot and cold water supplies to baths, showers, wash basins, taps and whole house in a negative or positive head, gravity-fed installation. Also compatible with massage function features and electric showers via a cold water break tank.

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:



SHOWER



TAPS



WHOLE HOUSE

SPECIFICATION:



POSITIVE HEAD



NEGATIVE HEAD

SINGLE
HOT OR COLDTWIN
HOT & COLD

GRAVITY SYSTEM





MAINSBOOSTER

Our MainsBooster products are a range of inline pumps and accumulator tanks to boost mains flow and pressure to the shower, bathroom and whole house. This range provides a quiet, lightweight and easy to install solution to all domestic and light commercial mains water boosting needs.

CHOOSING YOUR MAINS BOOSTER PRODUCTS	32
INLINE PUMPS	34
COMBIBOOST	35
HOMEBOOST	35
ACCUMULATOR TANKS	36
ACCUBOOST TANK	38
ACCUBOOST SYSTEM	39



CHOOSING YOUR PUMP

Use the questions below to determine which product is suitable for your installation.

DO YOU NEED PUMPED OR UNPUMPED?

1

Choose pumped if one of the following applies:

- Water pressure less than 2.0bar.
- Water flow less than 12 l/min.
- Highest outlet is 2nd floor or above.

IS YOUR HEATING SYSTEM A COMBI BOILER OR UNVENTED?

2

- All options are suitable for a combi boiler.
- Choose a 450l model if unvented.

HOW MANY OUTLETS DO YOU WANT TO RUN AT ONCE?

3

Calculate the flow rate per minute of the outlets you want to run at once using our flow rate guide. Choose the relevant column on the table and see what products are suitable. We recommend at least 9 minutes of boosted water for a shower.

WHAT SPACE DO YOU HAVE AVAILABLE?

4

If space is limited, you may need to reduce the size of model you choose - this will mean running fewer outlets simultaneously. Smaller models will still improve water flow.

An alternative option is to link multiple tanks together to gain additional capacity and make the solution flexible to the space you have.

The grid below shows the length of time (in minutes) that each product will provide the specified flow rate, assuming a flow rate of 12 litres per minute from the mains or delivered by a pump for pumped models.

Running time (mins)	Flow rate (per min)														Vessel recharge time**
	10 ltrs	12 ltrs	14ltr ltrs	16 ltrs	18 ltrs	20 ltrs	22 ltrs	24 ltrs	26 ltrs	28 ltrs	30 ltrs	32 ltrs/	34 ltrs	36 ltrs	
CombiBoost	Cont.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HomeBoost	Cont.	Cont.	-	-	-	-	-	-	-	-	-	-	-	-	-

AccuBoost 60L	Cont.	Cont.	9 mins	-	-	-	-	-	-	-	-	-	-	-	5 mins
AccuBoost 120L	Cont.	Cont.	23 mins	9 mins	-	-	-	-	-	-	-	-	-	-	10 mins
AccuBoost 180L	Cont.	Cont.	37 mins	19 mins	9 mins	-	-	-	-	-	-	-	-	-	15 mins
AccuBoost 450L	Cont.	Cont.	108 mins	54 mins	36 mins	27 mins	22 mins	18 mins	16 mins	14 mins	12 mins	11 mins	10 mins	9 mins	40 mins

Flow rate guide	
Outlet	Estimate flow rate (ltrs/min)
Standard shower head (less than 150mm)	12
Large shower head (more than 150mm)	15
Electric shower	9
Drench shower head	25
Shower with body jets	+8 to above
Bath	15
Tap	8

- Size and design of pipework within the property may impact on the flow rate provided.
- These products may not be suitable for a restrictive mains or a lead mains supply, contact us 0191 516 2002 for product selection support.
- **Quoted recharge time is for the vessel, time will increase depending on water system volume.

Product Selection Support

If you feel you need more advice or assistance on choosing the right product, then please feel free to contact our customer experience team or use our online product selector tool by scanning the QR code to the right.

Tel: 0191 516 2002 Email: sales@salamanderpumps.co.uk

Scan the QR code to visit our online product selector.



INLINE PUMPS

This range of pumps will sit directly on the incoming mains water and boost water pressure and flow to the specified amount, in keeping with the Water Fitting Regulations of 1999.

They are an ideal solution in properties that have poor mains flow where a quiet and compact solution is needed. From this range you will find a solution that will improve water performance to combi boiler systems.



CombiBoost

Boost up to 10 l/min

CombiBoost is an inline mains booster pump which sits directly on the incoming mains water. It will boost the incoming mains water supply to the whole house to 10 litres per minute making it an ideal solution for properties with low mains supply.

PUMP	BAR	DBA
CombiBoost	1.0	N/A



HomeBoost

Boost up to 12 l/min

HomeBoost is an intelligent inline mains booster pump, which recognises when pressure and flow are low and quietly boosts the performance of the incoming mains water. It will boost the incoming mains water supply to the whole house to 12 litres per minute.

PUMP	BAR	DBA
HomeBoost	1.6	46





ACCUMULATOR TANKS

The AccuBoost range of accumulator tanks offer a solution to boosting mains water flow, ideal for use with combination boilers and unvented cylinders.

Choose pumped when mains water pressure is less than 2.0 bar and/or mains water flow is less than 12 l/min. Also choose pumped if you don't know your mains water pressure and flow.

Made from composite materials these tanks are lighter than steel, and in some cases can be handled by a single person.

The inner construction of the tanks and the method by which the accumulator holds the water under pressure (water on the bladder rather than in the bladder) means that the bladder is less like to wear over time. It also means that if necessary, the bladder can be replaced.

The 60l, 120l, and 180l tanks fit inside standard kitchen cupboards.



AccuBoost Tank

Unpumped tanks

An unpumped AccuBoost accumulator tank provides an excellent solution for properties requiring additional flow. Available in 3 different tank sizes, this range will give an extra boost when pressure is good and water flow is above 12 litres per minute, but additional water flow is needed in addition to the mains supply.

Performance

- Lightweight, composite material
- Link multiple tanks together for additional capacity
- 3 year warranty



CODE	PUMP	DESCRIPTION	DBA FILLING*	DBA EMPTYING*
ACC-120-TNK	AccuBoost 120 Tank	120 litre accumulator tank	38.9	53.5
ACC-180-TNK	AccuBoost 180 Tank	180 litre accumulator tank	38.6	48
ACC-450-TNK	AccuBoost 450 Tank	450 litre accumulator tank	28.1	37.4

*Please note that accumulator tanks do emit some noise associated with water entering and leaving the tanks.

AccuBoost System

Pumped systems

AccuBoost pumped models give an extra boost to mains water flow and pressure. Available in 4 tank sizes, the AccuBoost pumped range will boost water performance when the incoming mains water flow and/or pressure is poor. The pumped option will always maintain a flow of 12 litres per minute in addition to the extra flow provided by the tank. A pumped option is recommended if flow is less than 12 litres/min and/or the static pressure is below 2.0 bar.

Performance

- Lightweight, composite material
- 60L, 120L and 180L AccuBoost supplied as one unit ready to install
- Link multiple tanks together for additional capacity
- 3 year warranty



CODE	PUMP	DESCRIPTION	DBA FILLING*	DBA EMPTYING*
ACC-060-SYS	AccuBoost 060 System	60 litre pumped accumulator set	61.9	60.5
ACC-120-SYS	AccuBoost 120 System	120 litre pumped accumulator set	64.4	64.1
ACC-180-SYS	AccuBoost 180 System	180 litre pumped accumulator set	63.2	63
ACC-450-SYS	AccuBoost 450 System	450 litre pumped accumulator set	61.6	60.6

*Please note that accumulator tanks do emit some noise associated with water entering and leaving the tanks. The pumped systems have the added noise of the pump.





CUSTOMER CARE

At Salamander Pumps we offer more than just smarter water performance. We aim to offer you the best customer experience at every step of the journey with advice and guidance on what solution is right for your property, help with installation issues and back up on the rare occasion something goes wrong with one of our products.

CUSTOMER EXPERIENCE	42
INSTALLATION ADVICE	43
NOISE	44



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

We'll be honest, working out which product is the right one for you isn't the easiest thing to do, which is why we've tried to help you as much as possible.

Visit our Online Product Selector

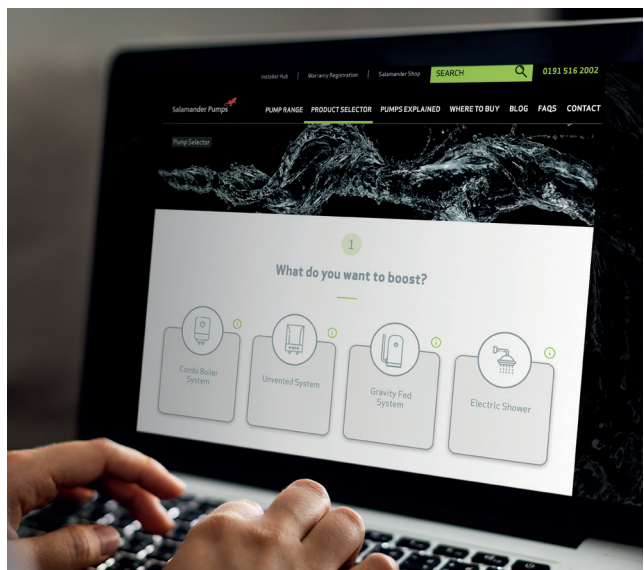


Brochures

Our brochure's (this one included) 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 on our website (www.salamanderpumps.co.uk/product-selector) that asks you a few simple questions and then shows you which products would be right for you.



INSTALLATION ADVICE

We advise that our products are installed by qualified installers and you can find a list of installers on our website in the 'where to buy' section, but even professionals need help some times and we are here when needed.



On the phone

We have team of technically trained customer service agents who can guide you through the selection process over the telephone.

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

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

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 to, 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



NOISE

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

We've engineered our pumps to be some of the quietest in the UK.

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.

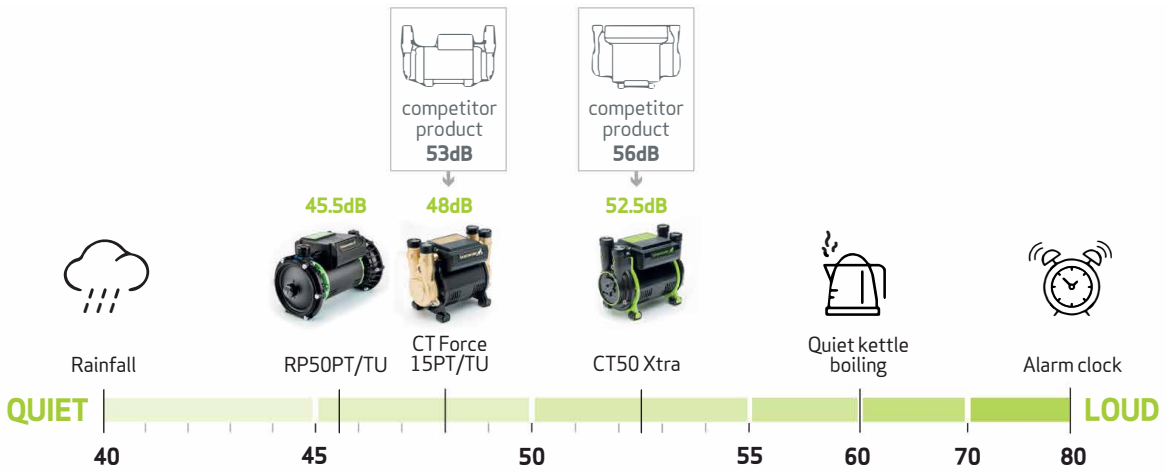
CT Xtra, CT Force, Right Pumps and Homeboost have all been awarded the Quiet Mark in association with the Noise Abatement Society. The Quiet Mark acoustics team scientifically test and assess high performance, low noise appliances and solutions in a range of categories. The distinctive purple mark displayed on a product gives assurance that the product is amongst the quietest currently available on the market.

All of our products, including the MainsBooster range, 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.

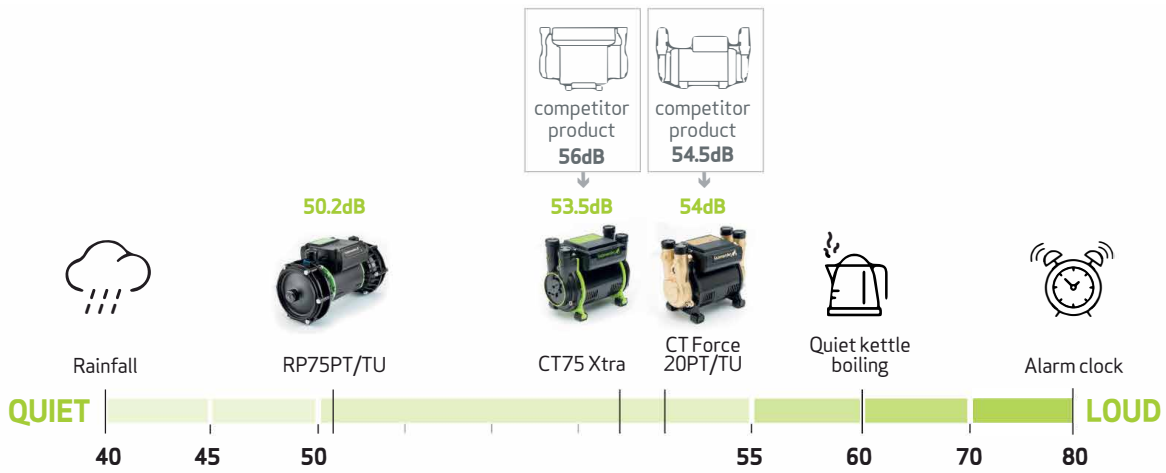
The graphic on the opposite page shows the noise ratings of our pumps compared with common household objects.



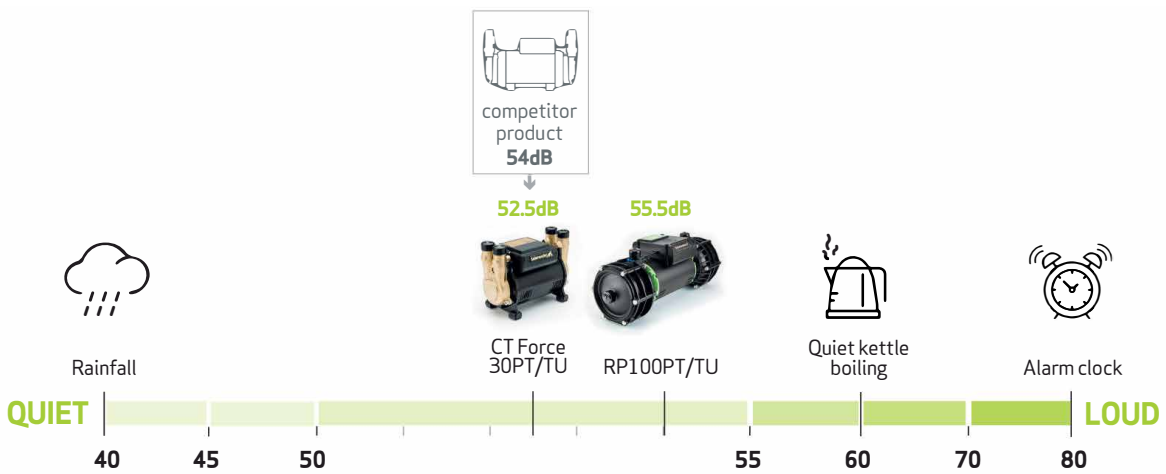
1.5 BAR TWIN PUMP



2.0 BAR TWIN PUMP



3.0 BAR TWIN PUMP



Individual product dBA rating are shown in the technical information at the back of this brochure.





“

Technical Support was excellent, talking me through obtaining the results of a flow test, if the pipe work was suitable for different models and if it was easily changed.

”

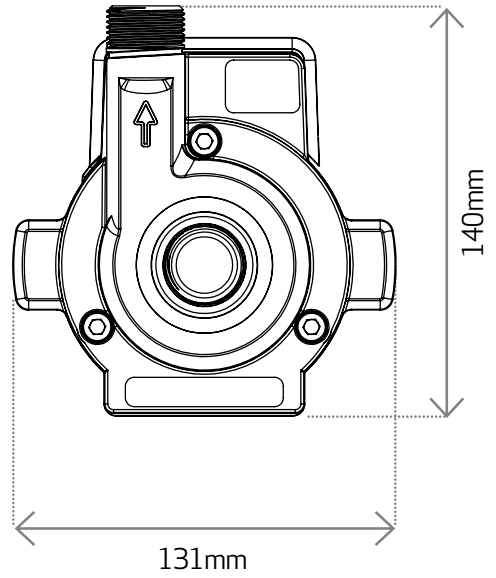
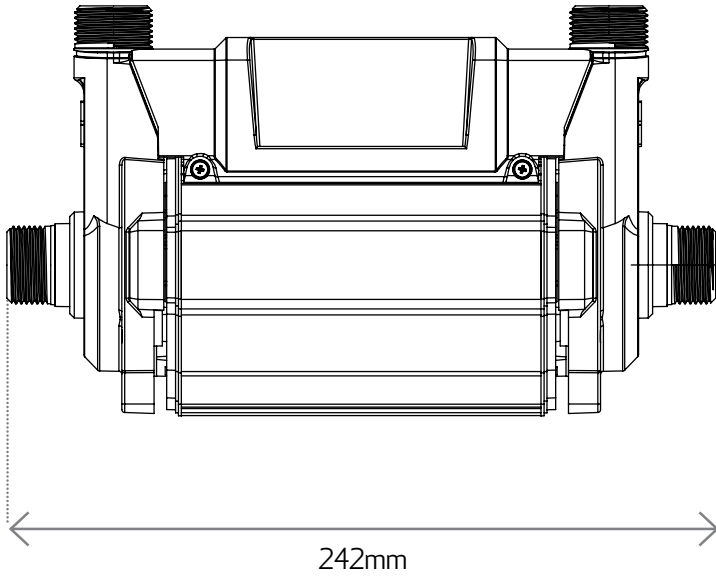
TECHNICAL INFORMATION

ORA	46
CT XTRA	48
CT BATHROOM	50
CT FORCE	52
RIGHT PUMPS	54
COMBIBOOST	60
HOMEBOOST	62
ACCUBOOST TANK	64
ACCUBOOST SYSTEM	66

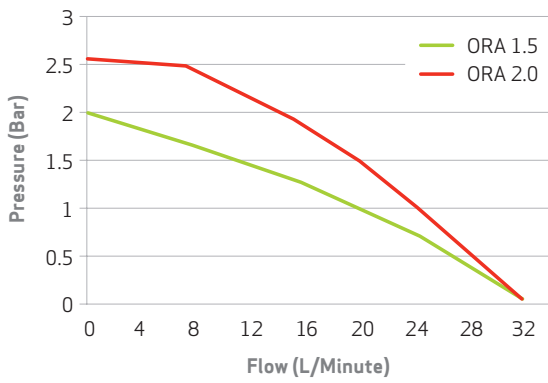


Ora

DIMENSIONS



FLOW CURVES

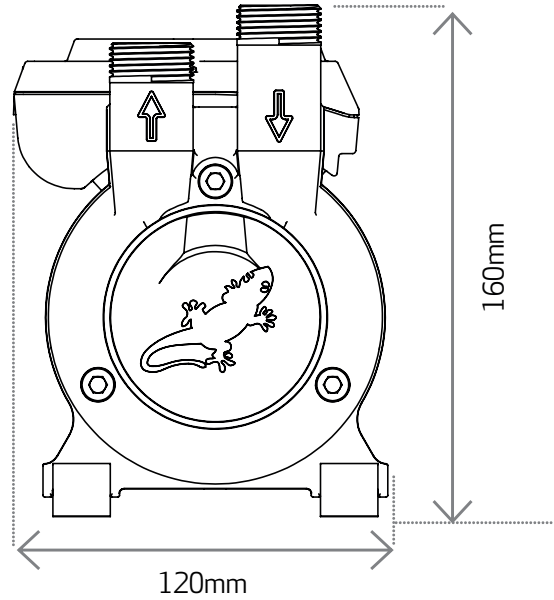
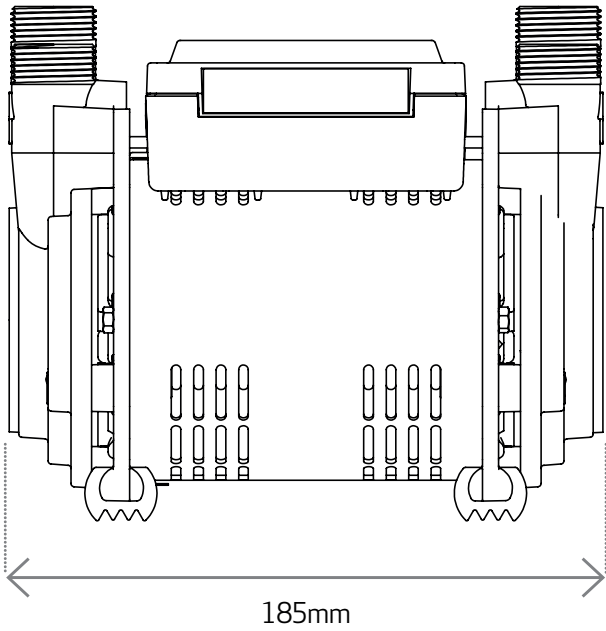


		Ora 1.5	Ora 2.0
General	Guarantee	1 Year	
Features	Pump Type	Centrifugal	
	Mechanical seal	Nitrile / Carbon / Ceramic	
	Anti-vibration feet	✓	✓
Performance	Pressure @ 16lpm (8lpm for singles)	1.0 Bar	1.2 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.4 Bar	1.8 Bar
	Pressure @ Closed Head	1.5 Bar	2.0 Bar
	Maximum Water Temperature	65°C	
	Pressure Vessel Air Pre-Charge	N/A	
Connections	Pump connections	3/4" BSP	
	Flexible Hoses UK Model	3/4 BSP x 15mm stand pipe couplers 2x angled 2x straight	
Motor	Duty rating	Continuously Rated @ 10lpm	
Electrical	Power Supply	230v	
	Current (full load)	1.60 Amps	1.80 Amps
	Power consumption	414 Watts	460 Watts
	Fuse Rating	3 Amps	
	Power cable (pre-wired)	1.5 metres	
Physical	Enclosure Protection (IP Rating)	IPX4	
	Length	242mm	
	Width	131mm	
	Height (Excluding Hoses)	140mm	
	Weight (Excluding Hoses)	2.50kg	

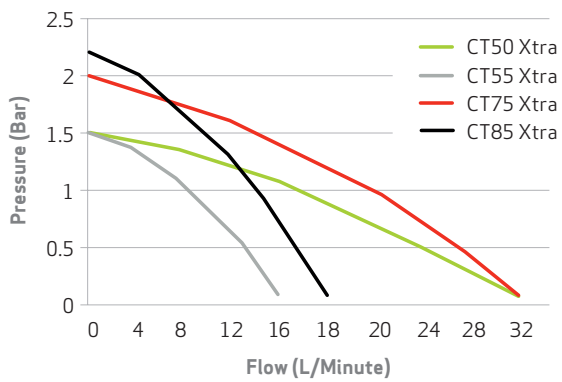


CT Xtra

DIMENSIONS



FLOW CURVES



PATENTS

GB2465392B
Integrated volute

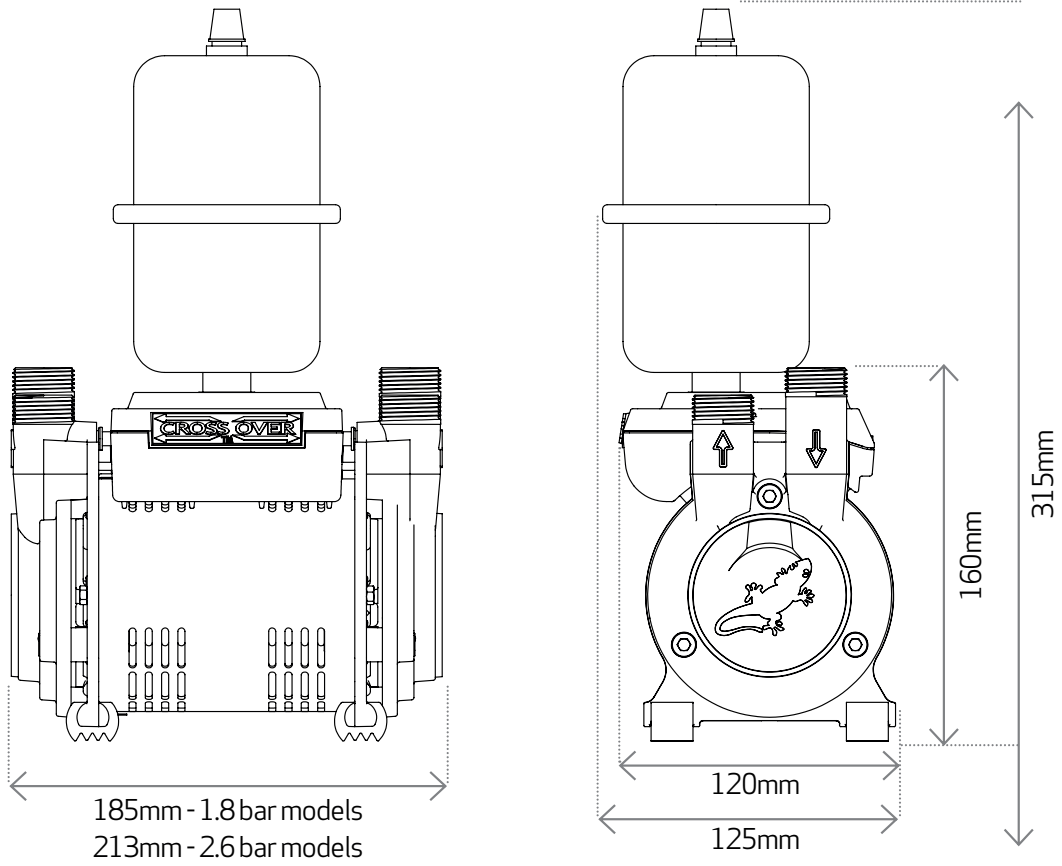
		CT50+ Xtra	CT75+ Xtra	CT55+ Xtra	CT85+ Xtra
General	Guarantee	3 Years			
	WRAS approval	1309001			
Features	Pump Type	Regenerative			
	Mechanical seal	Nitrile / Carbon / Ceramic			
	Anti-vibration feet	✓	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓	✓
	Flexible hoses	4	4	2	2
Performance	Pressure @ 16lpm (8lpm for singles)	1.0 Bar	1.3 Bar	1.1 Bar	1.7 Bar
	Bar Pressure @ 8lpm (4lpm for singles)	1.3 Bar	1.7 Bar	1.4 Bar	2.0 Bar
	Pressure @ Closed Head	1.5 Bar	2.0 Bar	1.5 Bar	2.2 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	1.26 Amps	1.07 Amps
	Power consumption	455 Watts	484 Watts	273 Watts	246 Watts
	Fuse Rating	3 Amps			
	Power cable (pre-wired)	1.5 metres			
Physical	Enclosure Protection (IP Rating)	IPX2			
	Length	185mm			
	Width	120mm			
	Height (Excluding Hoses)	160mm			
	Weight (Excluding Hoses)	3.9kg	3.9kg	3.8kg	3.8kg

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

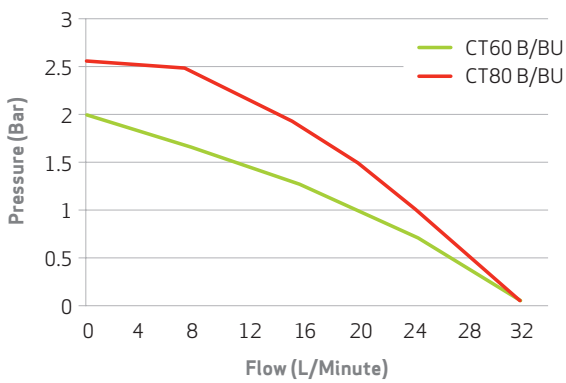


CT Bathroom

DIMENSIONS



FLOW CURVES



PATENTS

GB2465392B
Integrated volute

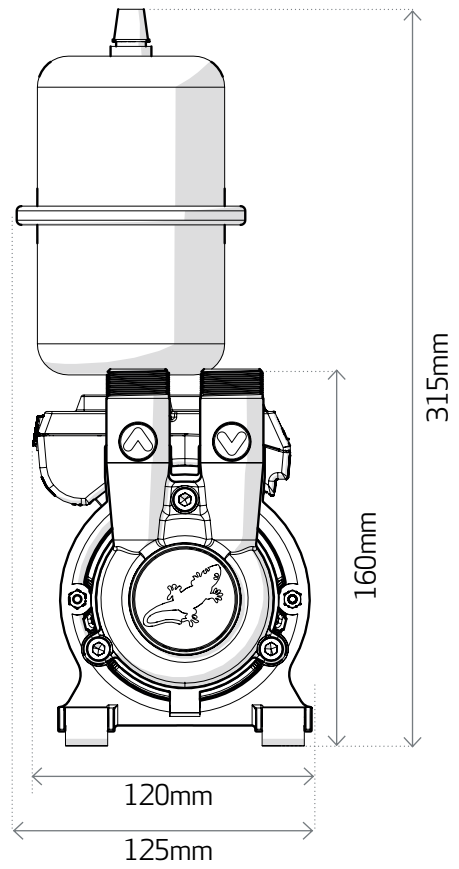
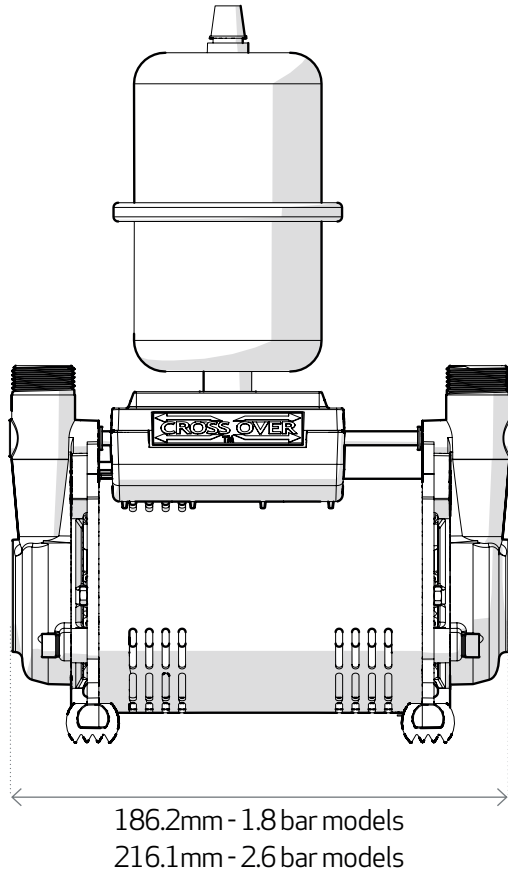
	CT Bathroom 60B/BU	CT Bathroom 80B/BU	
General	Guarantee	3 Years	
	WRAS approval	1507004	
Features	Pump Type	Regenerative	
	Mechanical seal	Nitrile / Carbon / Ceramic	
	Anti-vibration feet	✓	✓
	Inlet Isolator(s)	✓	✓
	Flexible hoses	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.3 Bar	1.6 Bar
	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 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)	IPX2	
	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 for the ROI model of this pump are CT64HXtra, CT64HUXtra, CT84HXtra, CT85HUXtra

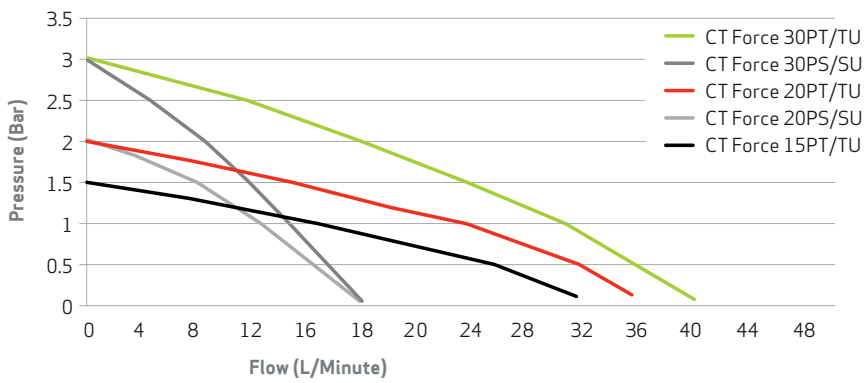


CT Force

DIMENSIONS



FLOW CURVES



PATENTS

GB2465392B
Integrated volute

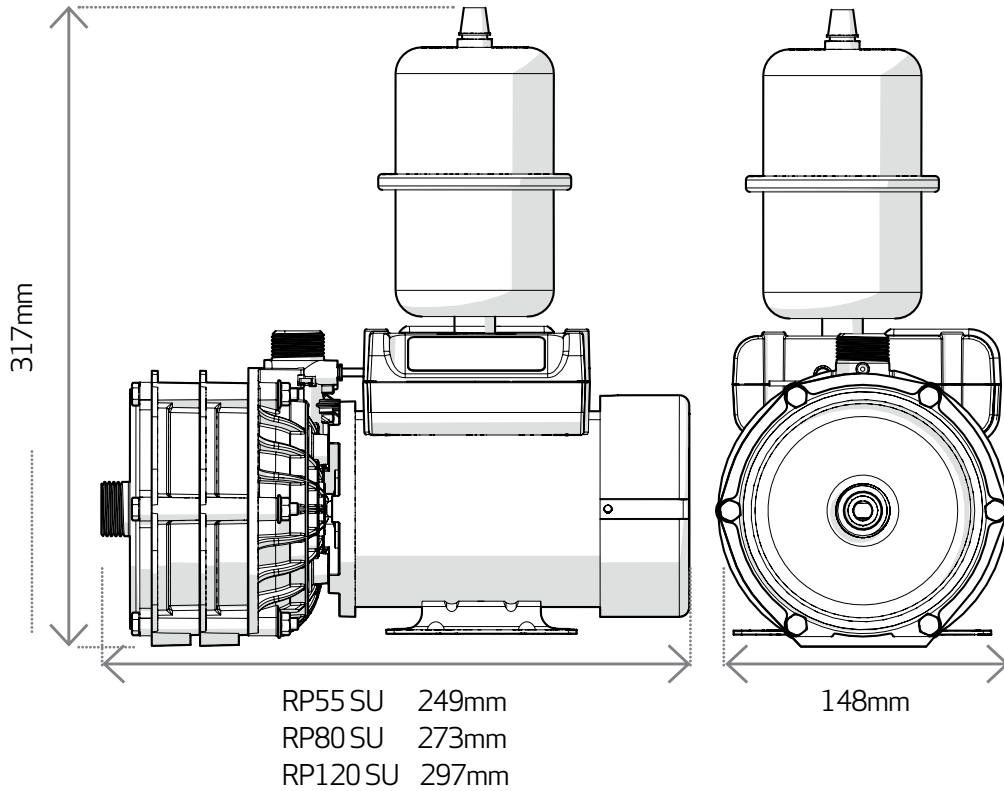
		CT Force 15PT/TU	CT Force 20PT/TU	CT Force 30PT/TU	CT Force 20PS/SU	CT Force 30PS/SU
General	Guarantee	5 Years				
	WRAS approval	1210047				
Features	Pump Type	Regenerative				
	Mechanical seal	Nitrile/PTFE/Ceramic				
	Anti-vibration feet	✓	✓	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓	✓	✓
	Flexible hoses	4	4	4	2	2
	Performance	Pressure @ 16lpm (8lpm for singles)	1.1 Bar	1.5 Bar	2.2 Bar	1.5 Bar
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 on all hoses				
	Connections (ROI)*]	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	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	186.2mm	186.2mm	216.2mm	187.8mm	217.8mm
	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

*Product codes for the ROI model of this pump are CTForce15IPT, CTForce15ITU, CTForce20IPT, CTForce20ITU, CTForce30IPT, CTForce30ITU, CTForce20IPS, CTForce20ISU, CTForce30IPS, CTForce30ISU

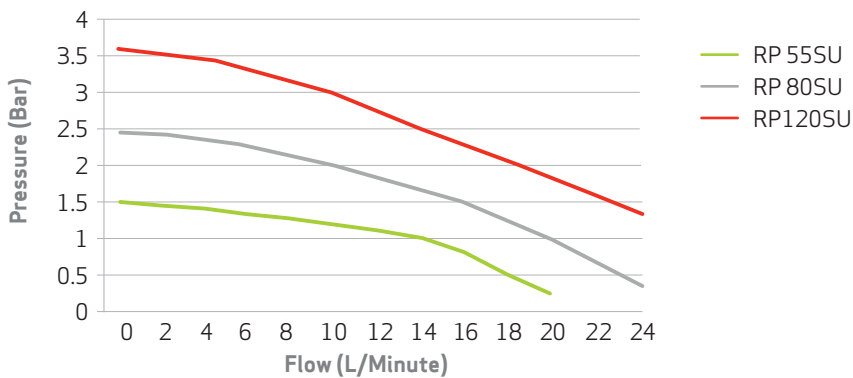


Right Pumps - Single Ended Universal

DIMENSIONS



FLOW CURVES

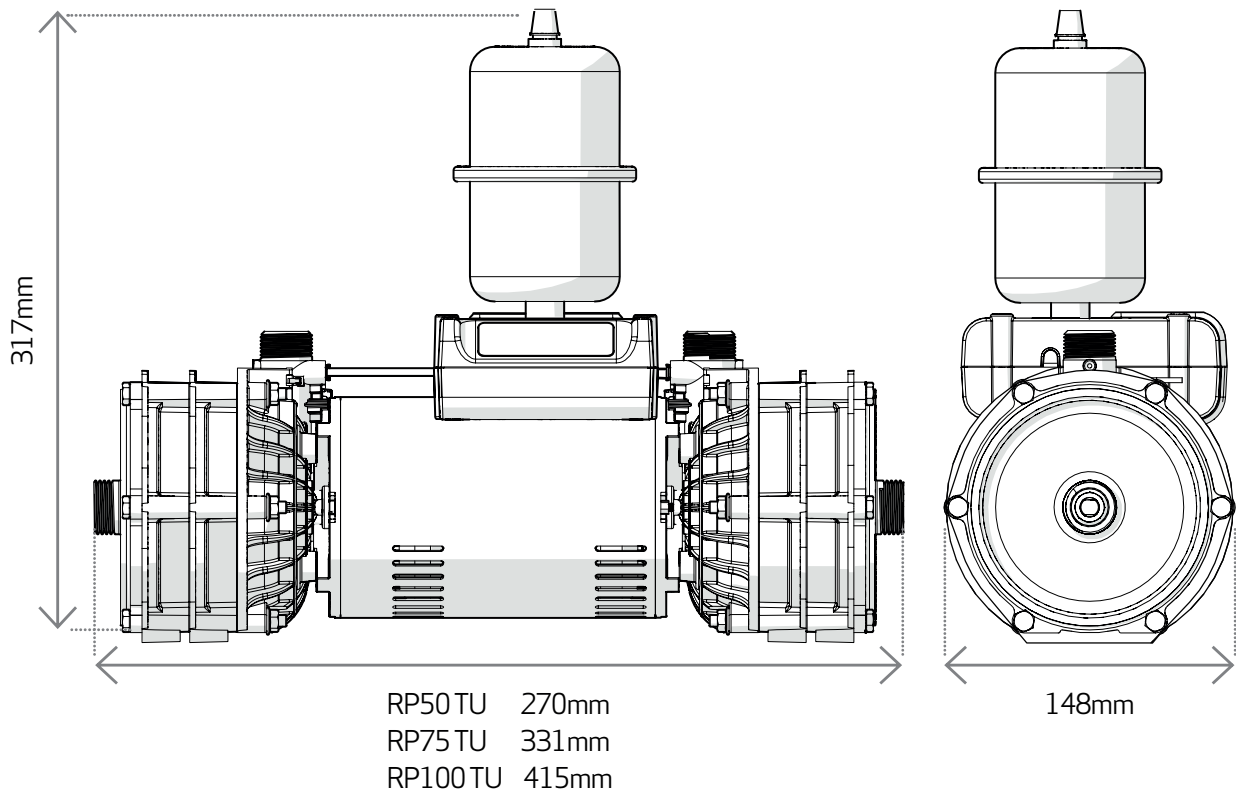


		RP55SU	RP80SU	RP120SU
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	2	2	2
Performance	Pressure @ 16lpm (8lpm for singles)	1.3 Bar	2.1 Bar	3.2 Bar
	Bar 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

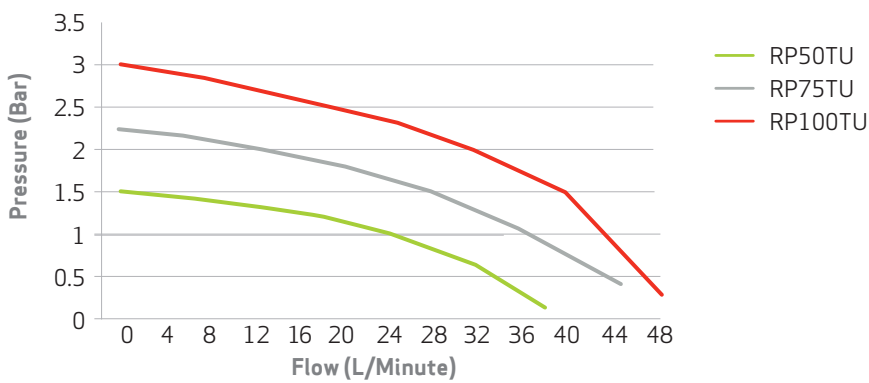


Right Pumps - Twin Ended Universal

DIMENSIONS



FLOW CURVES

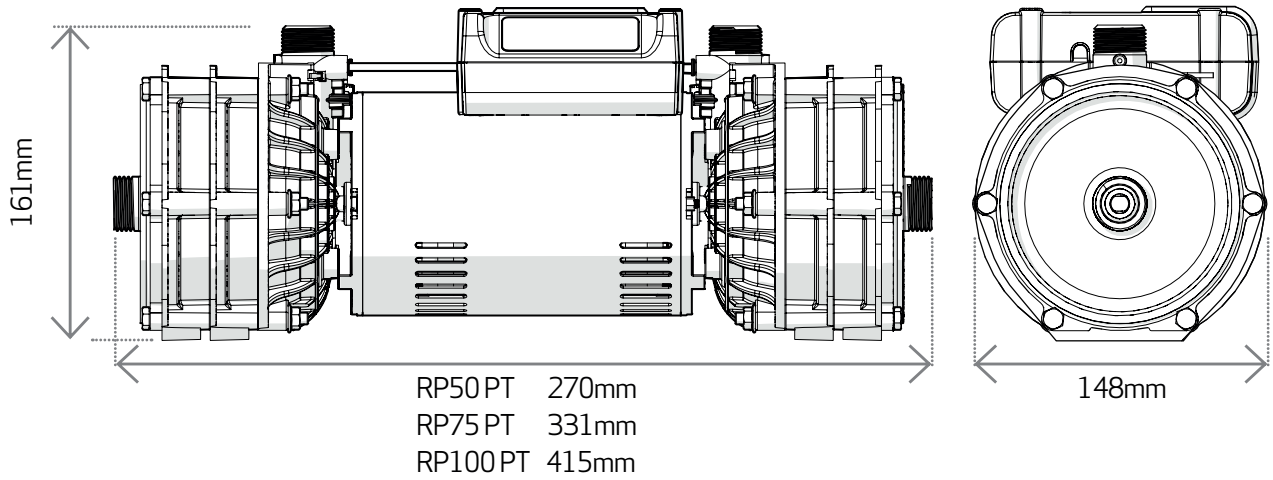


		RP50TU	RP75TU	RP100TU
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	1.9 Bar	2.7 Bar
	Bar 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

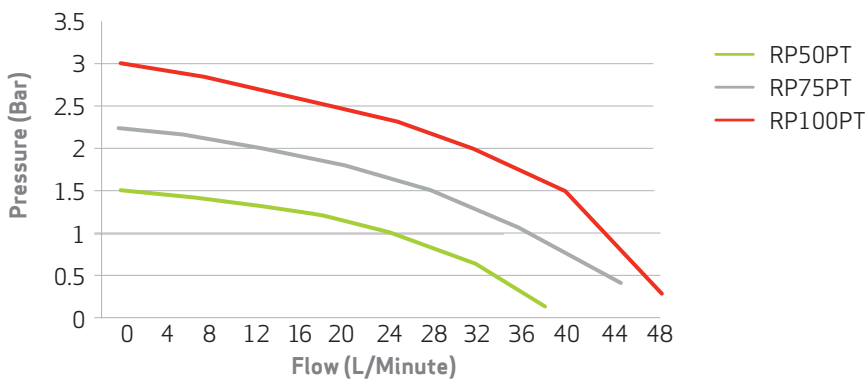


Right Pumps - Twin Ended Positive

DIMENSIONS



FLOW CURVES

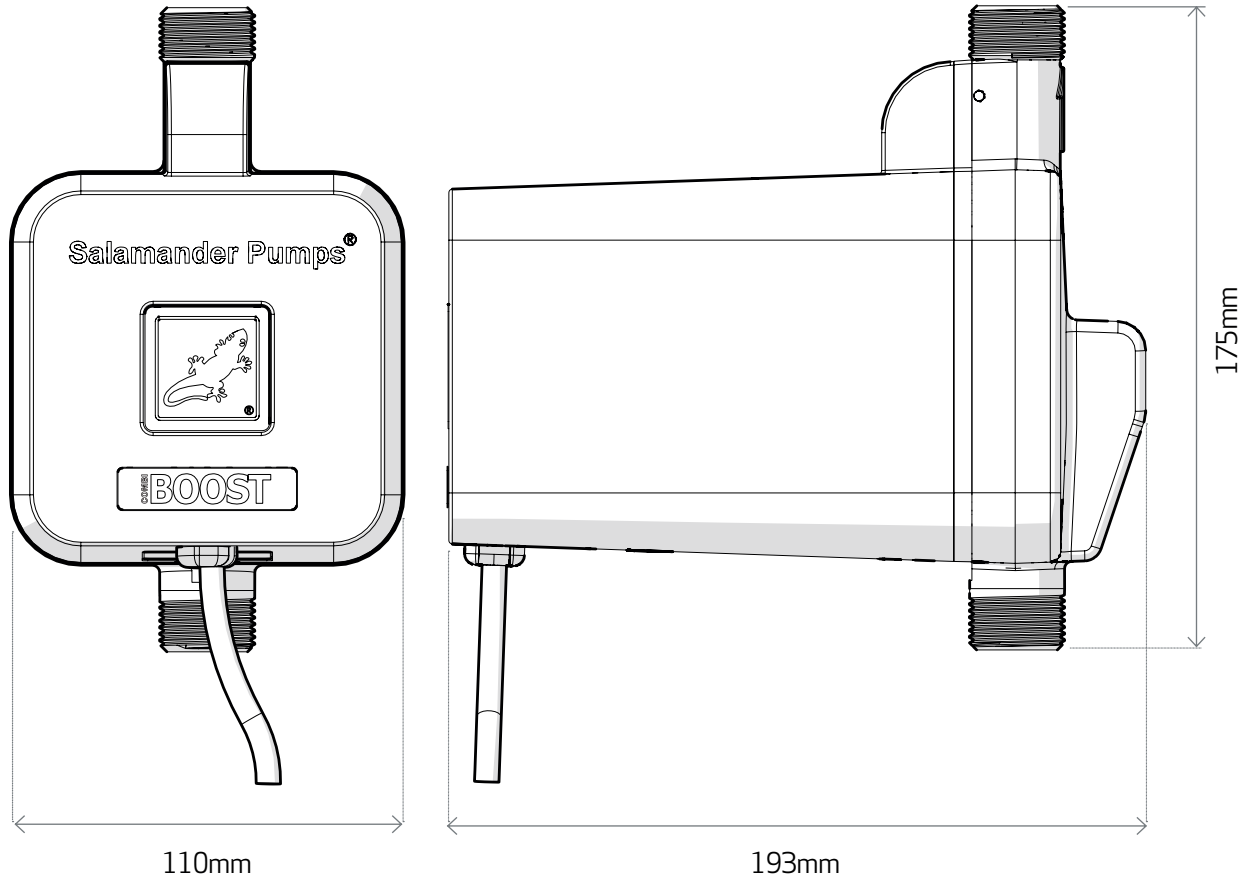


		RP50PT	RP75PT	RP100PT
General	Guarantee	3 Years		
	WRAS approval	1810090		
Features	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
Performance	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	1.9 Bar	2.7 Bar
	Bar 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 long	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

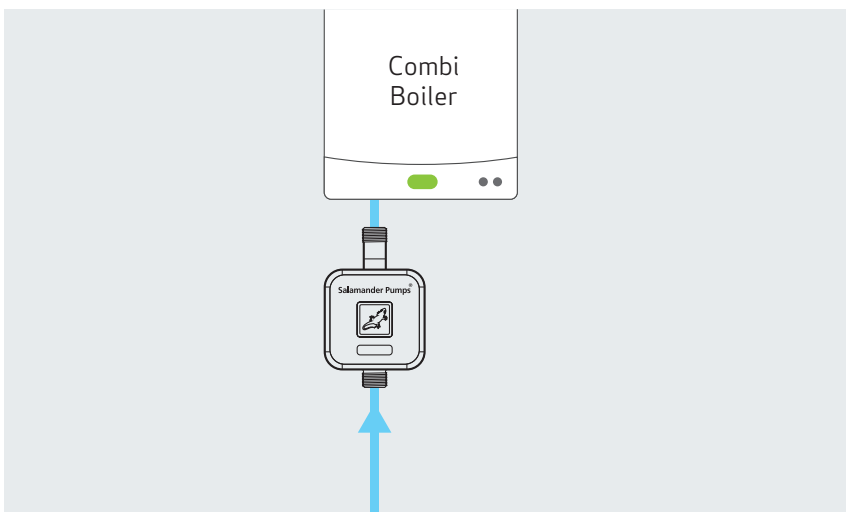


CombiBoost

DIMENSIONS



INSTALLATION

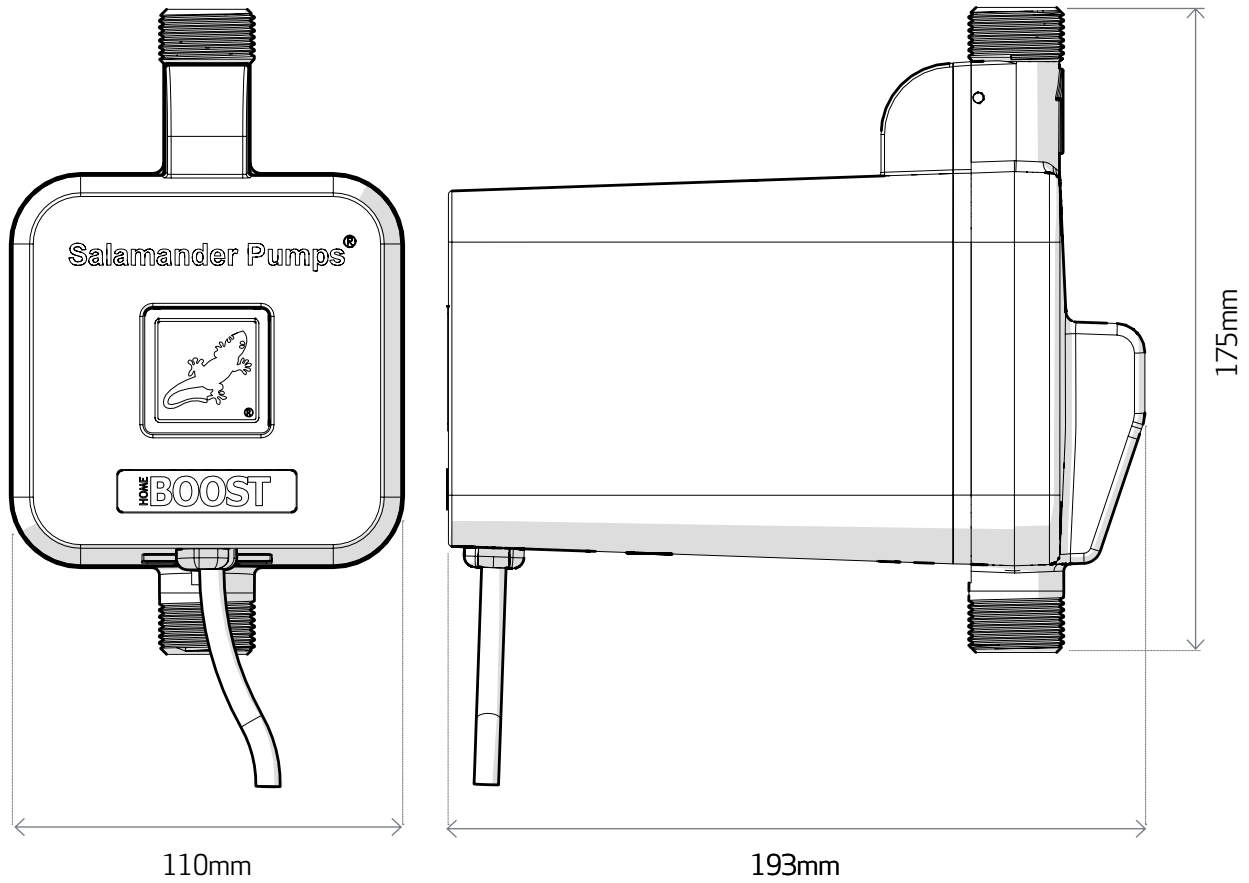


		CombiBoost
General	Guarantee	1 Year
	WRAS approval	1803700
Features	Pump Type	MainsBooster
Performance	Litres per Min	10l
	Bar Rating	1.0 Bar
Motor	Type	Brushless
	Duty rating	Continuously Rated
Electrical	Flow Indicator Light	No
	Power Supply	230v
	Current (full load)	1.8 Amps
	Power consumption	Variable
	Fuse Rating	3 Amps
	Power cable (pre-wired)	1.5 metres
Physical	Enclosure Protection (IP Rating)	IPX4
	Length	193mm
	Width	110mm
	Height (Excluding Hoses)	175mm
	Weight (Excluding Hoses)	3.1kg

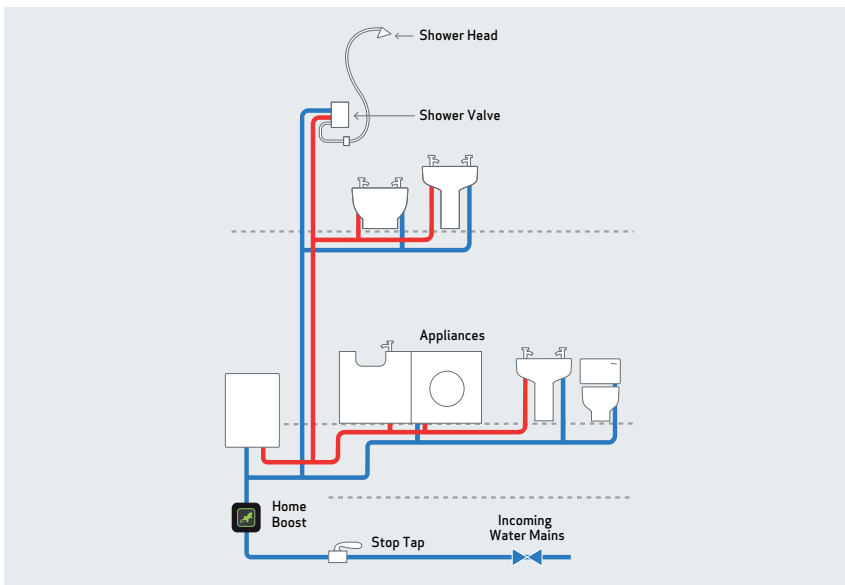


HomeBoost

DIMENSIONS



INSTALLATION

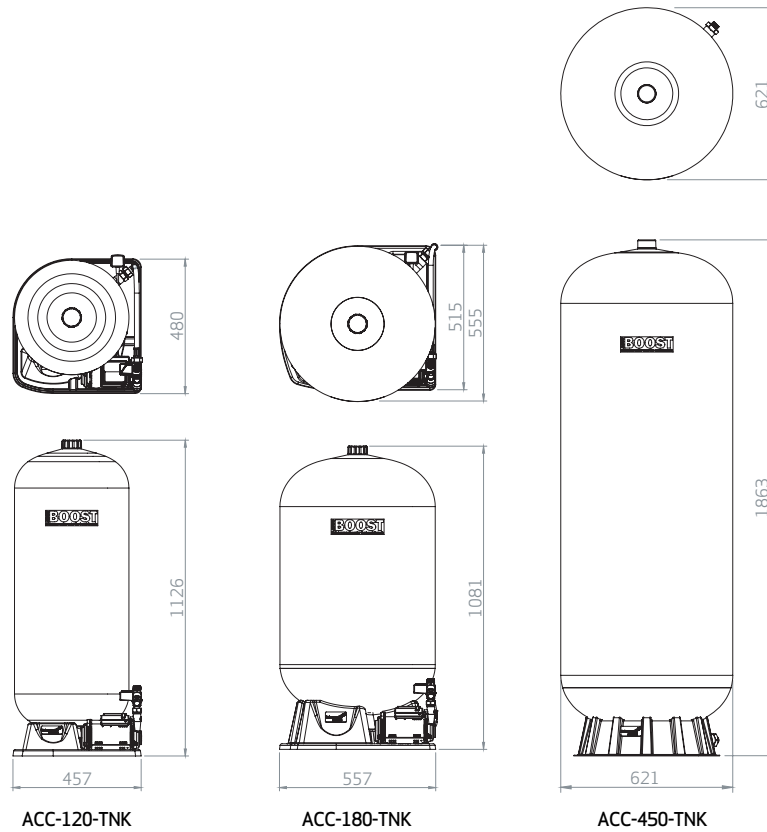


		HomeBoost
General	Guarantee	3 Years
	WRAS approval	1803700
Features	Pump Type	MainsBooster
Performance	Litres per Min	12l
	Bar Rating	1.6 Bar
Motor	Type	Brushless
	Duty rating	Continuously Rated
Electrical	Flow Indicator Light	Yes
	Power Supply	230v
	Current (full load)	1.8 Amps
	Power consumption	Variable
	Fuse Rating	3 Amps
	Power cable (pre-wired)	1.5 metres
Physical	Enclosure Protection (IP Rating)	IPX4
	Length	193mm
	Width	110mm
	Height (Excluding Hoses)	175mm
	Weight (Excluding Hoses)	3.1kg

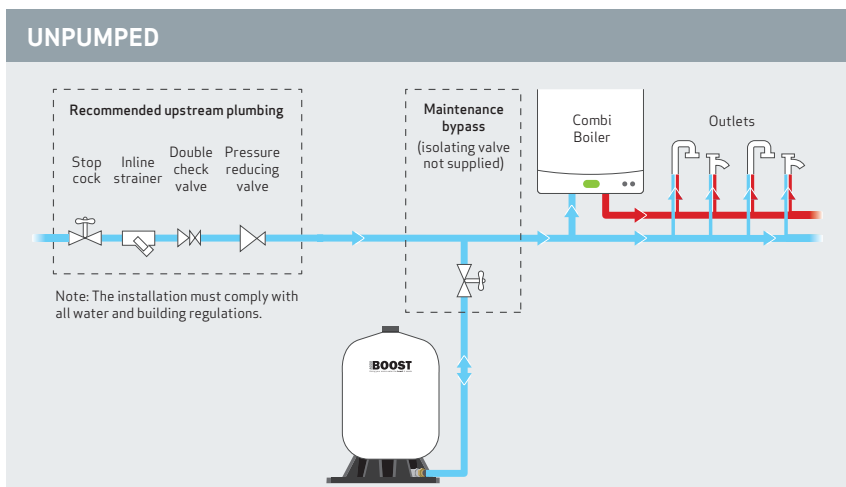


AccuBoost Tanks

DIMENSIONS



INSTALLATION



PATENTS

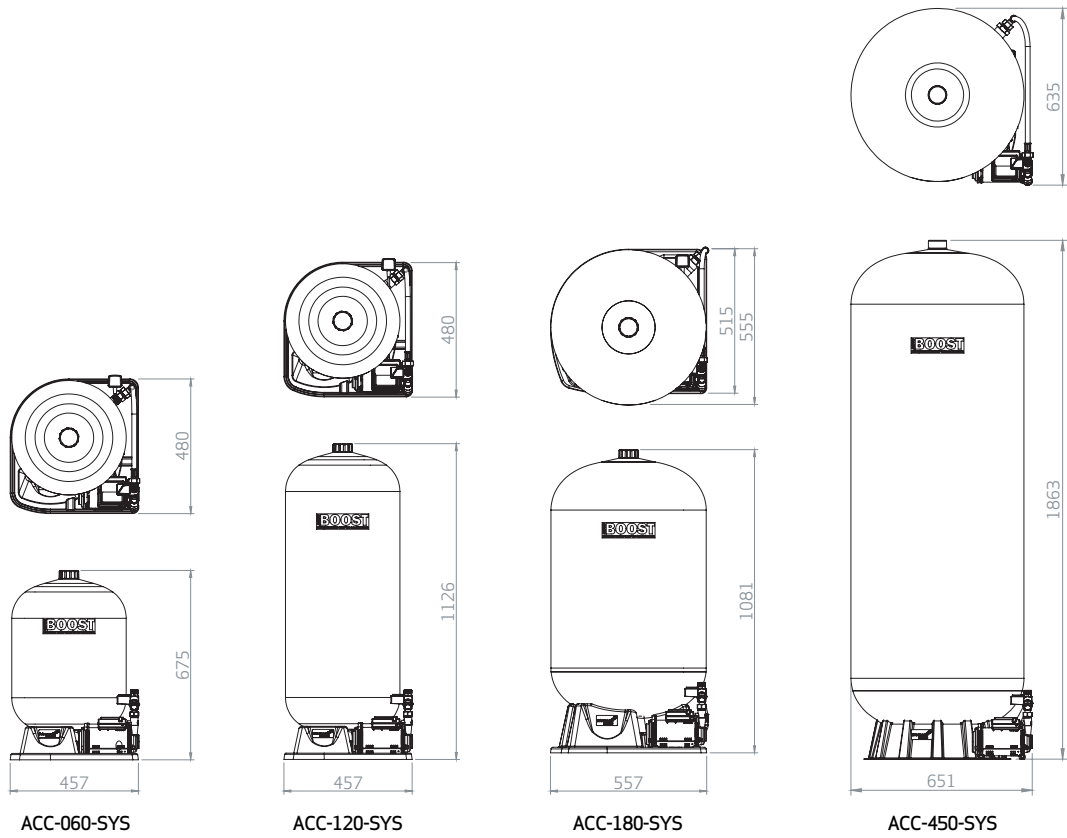
GB2465392B
Integrated volute

		ACC-120-TNK	ACC-180-TNK	ACC-450-TNK
General	Guarantee	3 Years		
Specification	Maximum Operating Pressure	8.6 Bar		
	Vessel Size	112l	178l	453l
	Maximum Water Vessel Water Storage Capacity	56l	89l	226.5l
	Flow Rate (Litres per min, not including natural mains flow)	4	6	24
	Connection Type	3/4" BSP		
Dimensions	Height	1126mm	1081mm	1863mm
	Width	457mm	557mm	621mm
	Depth	480mm	555mm	621mm
Weights	Empty Weight	12.8kg	20.3kg	47kg
	Filled Weight	68.8kg	109.3kg	273.5kg
	Maximum Weight	124.8kg	198.3kg	500kg

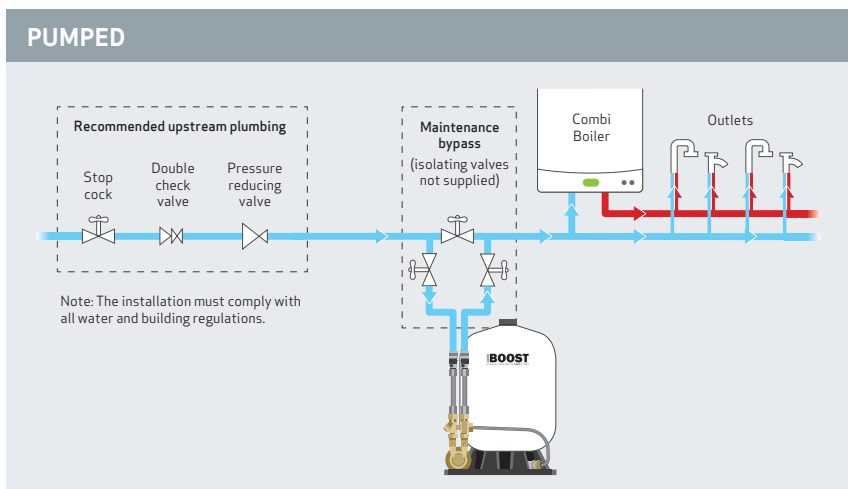


AccuBoost Systems

DIMENSIONS



INSTALLATION



PATENTS

Integrated volute

		ACC060-SYS	ACC120-SYS	ACC180-SYS	ACC450-SYS
General	Guarantee	3 Years			
Specification	Maximum Operating Pressure	8.6 Bar			
	Vessel Size	55l	112l	178l	453l
	Maximum Water Vessel Water Storage Capacity	27.5l	56l	89l	226.5l
Features	Pump Type	Regenerative			
	Pump Model	ASSYACCUFORCE			
	Mechanical Seal	Nitrile/PTFE/Ceramic			
	Pump Body/ Impeller	Brass			
	Enclosure Protection	IXP4			
Performance	Maximum Head	3 Bar			
	Maximum Flow Rate	14l/min	16l/min	18l/min	36l/min
	Time at Maximum Flow Rate	9 mins			
	Minimum Continuous Flow Rate	12l/min			
	Performance	Performance values may be higher if mains natural flow is above 12l/m			
Connections	Pump connections	3/4" male BSP			
	Anti vibration Couplers	3/4" female BSP - 22m push fit			
Motor	Type	Capacitor start and run induction motor			
	Duty rating	Continuous			
Electrical	Power Supply /Phase/ Frequency	230v/1/50Hz			
	Current (full load)	1.9 A			
	Power consumption	300 Watts			
	Fuse Rating	3A			
	Power Cable (pre-wired)	Pre wired with plug			
Dimensions	Height	675mm	1126mm	1081mm	1863mm
	Width	457mm	457mm	557mm	651mm
	Depth	480mm	480mm	557mm	635mm
Weights	Empty Weight	15.4kg	20kg	27.5kg	54.2kg
	Filled Weight	42.9kg	76kg	116.5kg	280.7kg
	Maximum Weight	70.4kg	132kg	205.5kg	507.2kg





COMPARE OUR ENTIRE PUMP RANGE

LIFT THIS FLAP TO VIEW OUR COMPARISON TABLE

PUMP COMPARISON



ORA		CT Xtra				CT BATHROOM			
TWIN		SINGLE		TWIN		TWIN			
1.5	2.0	CT55	CT85	CT50	CT75	CT60B	CT60BU	CT80B	CT80BU
REGENERATIVE PUMP									

PERFORMANCE

Bar Rating Closed Head	1.5	2.0	1.5	2.2	1.5	2.0	1.8	1.8	2.6	2.6
------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

PUMP

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

FUNCTION

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

CONNECTION SIZE / TYPE

HOSE	Pushfit (mm)	15	15	15	15	15	15	15	15	22	22
ISOLATORS	Inlet			●	●	●	●	●	●	●	●
	Outlet							●	●	●	●

WARRANTY

As standard	1 year	3 years	3 years	3 years
-------------	--------	---------	---------	---------



CTFORCE										RIGHT PUMP					
SINGLE				TWIN						SINGLE			TWIN		
CTF 20 PS	CTF20 SU	CTF30 PS	CTF30 SU	CTF15PT	CTF15TU	CTF 20PT	CTF20TU	CTF30PT	CTF 30TU	RP55SU	RP80SU	RP120SU	RP50TU	RP75TU	RP100TU
MPS FOR GRAVITY-FED INSTALLATION										CENTRIFUGAL PUMPS FOR GRAVITY-FED					

2.0	2.0	3.0	3.0	1.5	1.5	2.0	2.0	3.0	3.0	1.5	2.4	3.6	1.5	2.0	3.0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•		•		•		•		•	•	•	•	•	•	•

•	• ²	•	• ²	•	•	•	•	•	•	• ¹	• ¹	• ¹	•	•	•
•	•	•	•			•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•		•		• ¹		• ¹		• ¹	• ¹	• ¹	• ¹	• ¹	• ¹	•
	•		•		• ¹		• ¹		• ¹	•	•	•	• ¹	• ¹	•
	•		•	•	•	•	•	•	•	• ²	• ²	• ²	•	•	•
			•			•	•	•	•		• ²	• ²		•	•
	• ²		•		•		•		•	• ²	• ²	• ²	•	•	•
			• ²						•			• ²			•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

5 years				5 years						3 years			3 years		
---------	--	--	--	---------	--	--	--	--	--	---------	--	--	---------	--	--

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

² Where cold is mains fed or cold uses another pump.



				COMBIBOOST	HOMEBOOST	ACCUBOOST TANKS	ACCUBOOST SYSTEM	
TWIN				SINGLE	SINGLE	SINGLE	SINGLE	
RP50PT	RP75PT	RP100PT						
INSTALLATION				IN LINE CENTRIFUGAL MAINS		ACCUMULATOR		
1.5	2.0	3.0	1 – 10 l/m	1.5 – 12 l/m	MAINS	3.0		
●	●	●	N/A	N/A	N/A	N/A	N/A	
			N/A	N/A	N/A	N/A	N/A	
●	●	●						
●	●	●	●	●	●	●	●	
●	●	●	●	●	●	●	●	
			●	●	●	●	●	
			●	●	●	●	●	
●	●	●	●	●	●	●	●	
●	●	●	●	●	●	●	●	
			3/4 BSP	3/4 BSP	22	22	22	22
							●	●
							●	●
3 years				1 year	3 years	3 years	3 years	

*450 litre sizes only . **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 – some positive, single ended pumps may need to be converted to negative head in certain installations. For advice please call Pumpwise on 0191 5162002.



Salamander Pumps

GET IN TOUCH

We are here to help,
call us on 0191 516 2002

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

salamanderpumps.co.uk

