



# Salamander Pumps

## Specification Brochure

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# Smarter water performance

Salamander Pumps is one of the UK's leading manufacturers of water boosting products.

From our site in Sunderland, our team of over 50 employees have been developing solutions to improve water pressure and flow for over 30 years.

Salamander Pumps is part of The Davidson Holdings Group, a collection of brand-leading companies in the lightside building products sector.

Products in the Davidson Holdings portfolio are widely used by plumbers, contractors and specifiers, and are readily available across all trade outlets.



# Innovation

Innovation is the foundation upon which Salamander Pumps is built. It is used throughout the organisation to make our processes more efficient, create high-quality products and deliver outstanding customer service.

We are constantly looking for ways to innovate, from using cutting-edge technologies to deliver high levels of reliability in quality to implementing the latest marketing technologies to drive innovation.

## Product standards

We are committed to delivering the highest level of quality and reliability.

The Salamander Pumps product range comes with UKCA and CE marking confirming that we have checked that our products meet health, safety and environmental requirements.

However, unlike many other manufacturers in the industry, we go that extra mile and use an industry leading third-party testing for some of our compliance work, giving that extra confidence in our product quality.



## Noise

Our commitment to innovation has allowed us to make some of the most reliable, compact and quiet pumps on the market. Many have been awarded the Quiet Mark which means that they use innovative and efficient technology that delivers reduced noise levels.



# We're here to help

At Salamander Pumps we aim to deliver an exceptional customer experience, from product reliability and quality to outstanding customer service. That's why we offer a range of tools to offer outstanding pre and post sales support to help specifiers at each stage of the project.

## Introducing Lynn DeSouza

our Specification Manager

Our dedicated Specification Manager has a wealth of experience in the market, and is committed to delivering our range of solutions to the social housing sector.

**Tel:** 07469 680188  
**Email:** [lynnd@salamanderpumps.co.uk](mailto:lynnd@salamanderpumps.co.uk)

## Customer service

Salamander Pumps is committed to delivering the highest level of customer service. We do not just provide advice on product selection, we will continue to support you long after the purchase.



### Technical Team

We have a technically trained team of customer service agents who can assist with product selection, enquiries and provide resolutions.

### Engineers

Most issues can be resolved over the phone, but when more investigation is needed an engineers visit can be arranged.

### Digital Support

From an easy-to-use product selector tool to online chat, we can help in a number of ways from our website. [www.salamanderpumps.co.uk](http://www.salamanderpumps.co.uk)



Highest Trustpilot rating amongst shower pump manufacturers July 2022

<p><b>Salamander Pumps</b> Reviews 1,629 • Excellent 4.6</p>	<p><b>Stuart Turner Limited</b> Reviews 28 • Poor 2.0</p>	<p><b>Grundfos</b> Reviews 24 • Poor 2.5</p>
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## Training

We seek to deliver innovative and industry-leading training. Our range of training tools allow installers to expand their knowledge on the Salamander Pumps range.

### In-person

Learn in a face-to-face environment with our experienced Training Manager. This service can be provided to sub-contractors working on your project.

### Salamander eSchool

We provide a range of product training courses covering the full Salamander Pumps range. They can be accessed 24/7 and are free to access.



### Youtube

The Salamander Pumps Youtube channel features video content covering key topics from product specification to troubleshooting.

## Technical and design services

We aim to make the product selection and design process as simple as possible for you by advising what you need.

Our team will work with you to understanding your requirements and based on this we will support in the preparation of drawing take offs, ensuring the solution provided meets the needs of the project.

### Design support

As part of our design service, we will find the right product for your project, designing a system that'll deliver what you need and give this to you as a fully detailed plan ready for takeoff in your desired file format.

### Local support

A member of our specification team will visit the site to understand the requirements of the project and complete a survey to establish the products required.

### Testimonial -London Surrey Services

*"The Salamander Pumps representative talked me through my options. He also visited the site to carry out a thorough site survey. Everything was so simple and well explained".*



# Corporate Social Responsibility

## Diversity

We recognise the benefits of a diverse workforce and are committed to providing a working environment that is free from discrimination.



We seek to actively promote the principles of equality and diversity in all of our dealings.

Our recruitment policy is set in place to ensure all employment opportunities given, including recruitment and promotion, are based solely on merit. As a company, we also take positive action measures to support under-represented groups in our workforce.

Salamander Pumps take all complaints of discrimination seriously. Should any of our employees, clients, customers, suppliers, contractors or other third parties believe they have been subject to discrimination, the matter will be investigated fully. Our Grievance Procedure is detailed in our Employee Handbook, providing a clear pathway for any complaints to be dealt with accordingly.

## Safety

People are at the core of everything we do, so our employees' **health and safety** is of utmost importance, and we always ensure that we provide a working environment that demonstrates this.

Salamander Pumps is committed to compliance with applicable regulatory and other requirements that relate to Occupational Health and Safety. We view the standards required by law as the minimum and strive to follow best practice in all aspects of our employees' health and safety.

Additionally, we look for the continual improvement of our OH&S record and management system, through setting improvement objectives and implementing regular monitoring measures.

## Development

We aim to create an **open and supportive environment**, encouraging employees to fulfil their potential. We do this in a number of ways.



### Training

We facilitate occupational, internal and external training, as well as offering frequent career progression opportunities.

We believe in assisting our employees' career path to benefit both the individual and the business' long-term success.

We ensure our appreciation for our employees does not go unrecognised. 'Well done' cards have been introduced in all departments, with senior management delivering them to employees for outstanding performance. The holding company we operate under, Davidson Holdings, have an annual employee award scheme and pictured is our Training Manager winning the Davidson award, receiving a holiday gift as recognition for the exceptional results within his department.

### Apprenticeships

We consistently support young people's career progression through our apprenticeship programs and work with local education bodies to assist in extra-curricular activities.

Salamander Pumps offers a wide range of apprenticeships. Shown to the right is Lewis Proud (centre), who recently completing his Advanced Manufacturing and Engineering Technical Support Technician Apprenticeship.



# Community

At Salamander Pumps, we are committed to actively supporting our local community and charitable organisations that share our core values.

We encourage our employees to contribute to both their local community and charitable donations through accepting charity organisation nominations, as well as access to company resources to assist where possible.



## Supporting charities

Salamander Pumps regularly donates to a variety of charities that share our values and have the ability to have a tangible positive impact.



In the past two years, we have donated over 370kg of non-perishable food and toiletries to Sunderland Food Bank. This has provided 475 meals for those in crisis in our local community. With 1 in 5 of the UK population living below the poverty line, we identified this charity as one that could make a real difference. We will continue to regularly show our support through donations and goods collections.

For the previous five years we have hosted a company-wide coffee morning for Macmillan Cancer Support, raising on average £100 per event.

We also contribute through events such as Christmas jumper day, which supports Save The Children charity, and Tough Mudder, raising money for the British Heart Foundation.

## Supporting our local community

As well as engaging with local and national charities, we recognise the responsibility of the role we play within our local community.

We have a dedicated Training Manager, Mike Oxley (pictured below), who provides support to local educational facilities in addition to colleges across the country.

We also host regular installer training events for professionals looking to continue their learning.



We also offer our support to schools and universities in our areas. One of our Design Engineers, Diana Kenny recently took part in the BringItOn event and STEM Person of the week activity with Northumbria University, to inspire young people into a career into engineering.



STEM PERSON OF THE WEEK  
**Diana Kenny**  
Design Engineer

Diana designs and makes small water pumps. To make the pumps she needs to be **organised**. First, she sketches her idea and draws it in 3D on a computer. Then she creates a real-life version called a prototype. Diana is **imaginative** and **creative** and looks for ways to improve her prototypes. When the pump has been tested, the design is sent to a factory to be manufactured.

Creative Imaginative Organised

OUR PAST YOUR FUTURE

# Environment

At Salamander Pumps, we recognise the impact that manufacturing can have on the environment, and we are committed to diminishing this wherever possible.

We do this by identifying all significant environmental impacts and implementing processes to prevent, reduce and mitigate them. We have a company-wide focus on actively protecting the environment, with an aim of continuous improvement in all areas.

## Responsible manufacturing and sourcing

Salamander Pumps have implemented and maintained an Environmental Management System (EMS) that ensures compliance with ISO14001:2015. ISO14001 is the international standard for EMS. Our certification demonstrates our commitment to controlling environmental impacts across the business.

As a company that does not manufacture all aspects in-house, we ensure all our suppliers share our environmental protection values.

Our extensive supplier audits investigate the environmental impacts a potential supplier may have, these factors are then taken into consideration prior to any agreements formed. Ethical sourcing, environmentally sustainable material sources and continuous improvement plans are just some of our supplier criteria.

## Noise pollution

Particularly in commercial installations, noise pollution can be a disturbing factor for the local environment. We consider ourselves to be industry pioneers in providing innovative solutions to this issue. Our pumps have been independently tested against our competitors and have shown to be some of the quietest in the UK, with many of our ranges being awarded the Quiet Mark.

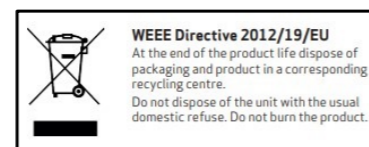
## Recycling

Most of the Salamander Pumps product range involves electrical components, all of which are compliant with the WEEE directive.

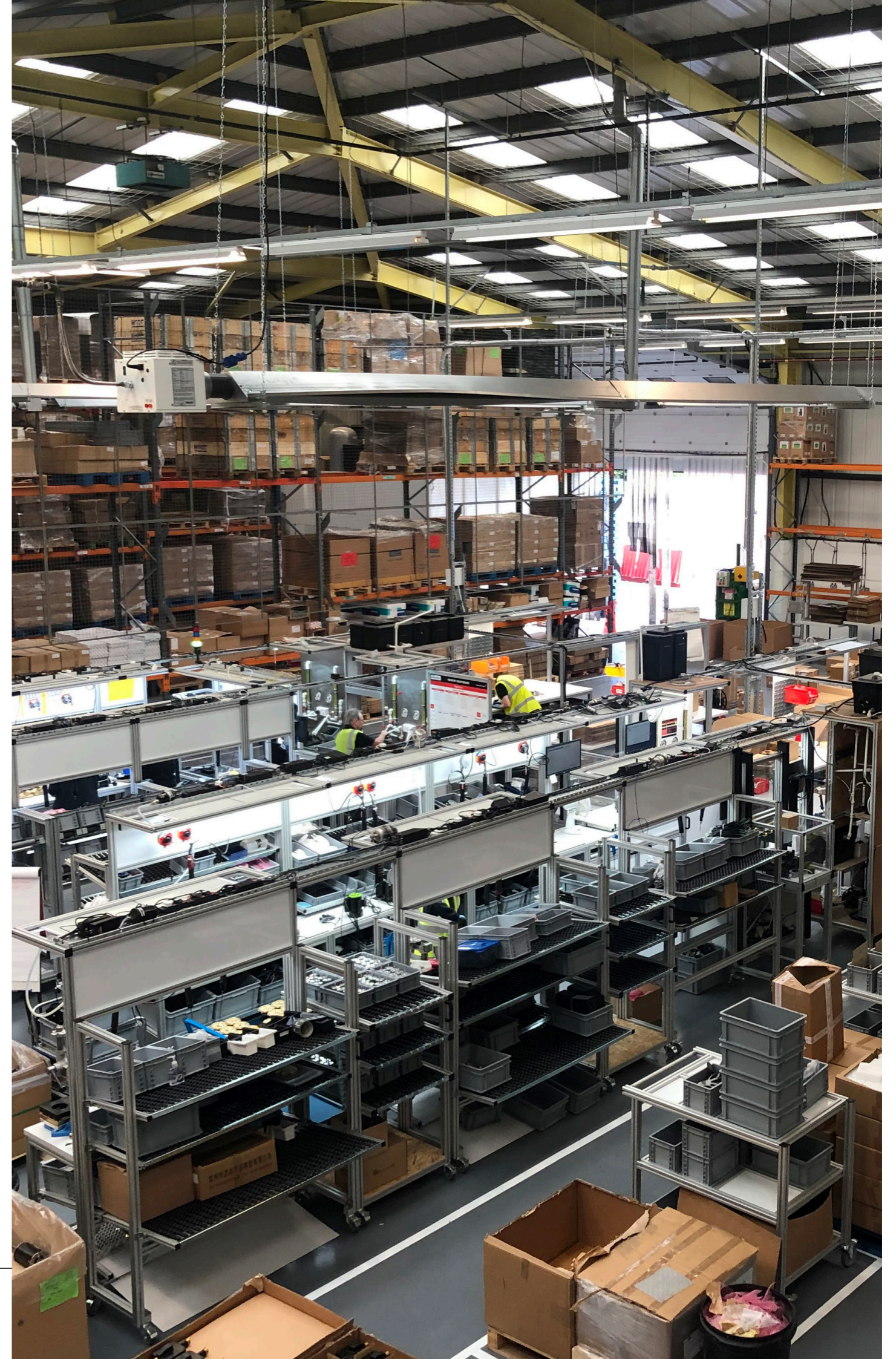
The Waste Electrical and Electronic Equipment (WEEE) Directive sets criteria for the collection, treatment and recovery of waste electrical and electronic equipment, with the aim to contribute to more sustainable production and consumption.

Salamander Pumps operates a WEEE disposal policy that ensure no landfill or 3rd World disposal, whilst maximising environmental sustainability.

Our products are labelled with the WEEE symbol, to show customers that it must be sent to separate collection facilities for recovery and recycling. This information is also included in our Installation Guides. All relevant packaging and product are also labelled with the internationally recognised recycling symbol.



As part of our Environmental policy, we also set measurable environment improvement objectives, including recycling of factory waste and the use of recyclable materials wherever possible. Improving the design of all future pumps is another key emphasis for us and through our innovation we actively seek to reduce product waste.





# PRODUCT RANGE

The Salamander Pumps range features products for a range of applications from mains-fed combination boilers to tank/gravity-fed systems.

## MainsBooster Range

Our MainsBooster products are a range of inline pumps and accumulator tanks to boost mains flow and pressure in mains-fed systems, such as combination boilers and unvented systems. Learn more on page 18.



## GravityBooster Range

Boost the water pressure in a gravity-fed system with one of the shower, bathroom or whole house pumps in our GravityBooster range. Learn more on page 16.



## GravityBooster range explained

Our GravityBooster products are designed to boost the water pressure in a traditional tank/gravity-fed system.

The range has been engineered using cutting edge technologies to make the pumps in the range some of the quietest, most compact and reliable on the market.

For more information on the range visit [www.salamanderpumps.co.uk](http://www.salamanderpumps.co.uk)

### 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.



### CT BATHROOM

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



### 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.



### RIGHT PUMPS

Right pumps form our premium product range, offering the most powerful performance. The Right Pump range will boost the water performance in a range of applications from a shower to the whole house.



## MainsBooster range explained

Our MainsBooster products are a range of inline pumps and accumulator tanks to boost mains flow and pressure from a single outlet to the whole house.

This range provides a quiet, lightweight and easy to install solution to all domestic and light commercial mains water boosting needs.



# 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 product that will improve water performance to a single outlet or the whole house.



\*Applicable to HomeBoost and CombiBoost

## HomeBoost

Boost up to 12 l/min

One of the quietest inline pumps available

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



## CombiBoost

Boost up to 10 l/min

Cost effective means to boost the mains water flow

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

PUMP	BAR	DBA
CombiBoost	1.0	N/A



## TapBoost

Boost a single outlet

Compact, quiet and simple to install

TapBoost is Salamander Pumps' easy to install, cost effective solution to low water flow at a single outlet. Designed to increase either the hot or cold water flow to a single outlet to 7 - 12 litres per minute (L/min) and is suitable for both gravity-fed and mains-fed properties.

PUMP	BAR	DBA
TapBoost	0.5	N/A



# 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

Easy-to-install solution when additional water flow is needed.

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 and water flow are good, 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-060-TNK	AccuBoost 60 Tank	60 litre accumulator tank	35.4	48.4
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

Convenient solution to low mains water pressure and flow.

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.



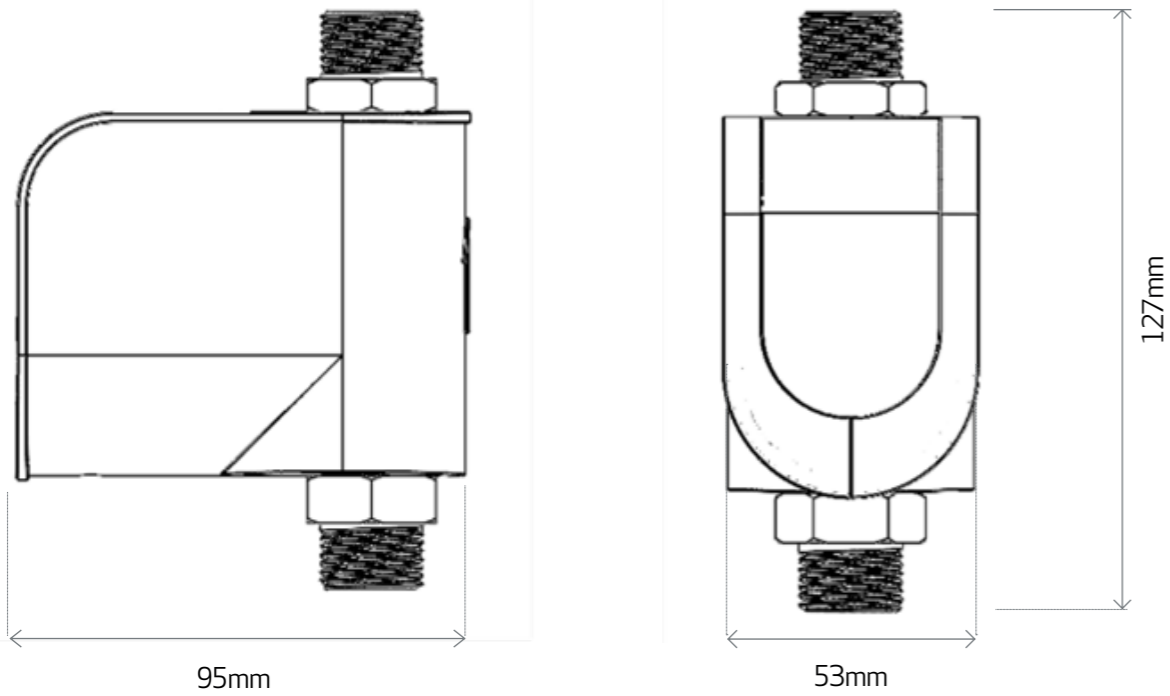
# Technical Information

TapBoost	28
CombiBoost	30
HomeBoost	32
AccuBoost Tank	34
AccuBoost System	36

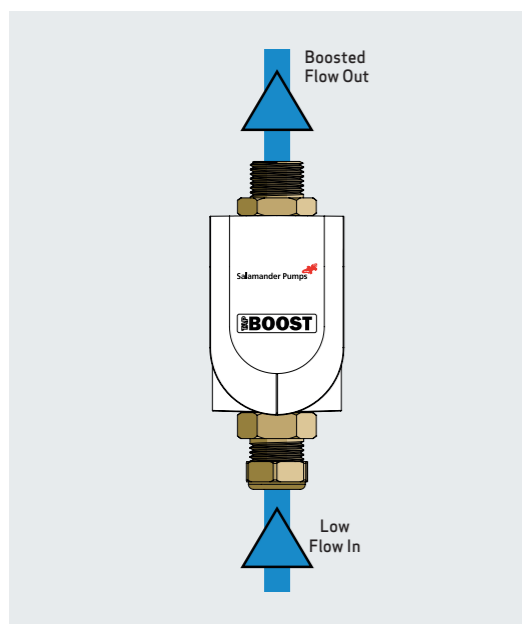


# TapBoost

## Dimensions



## Installation

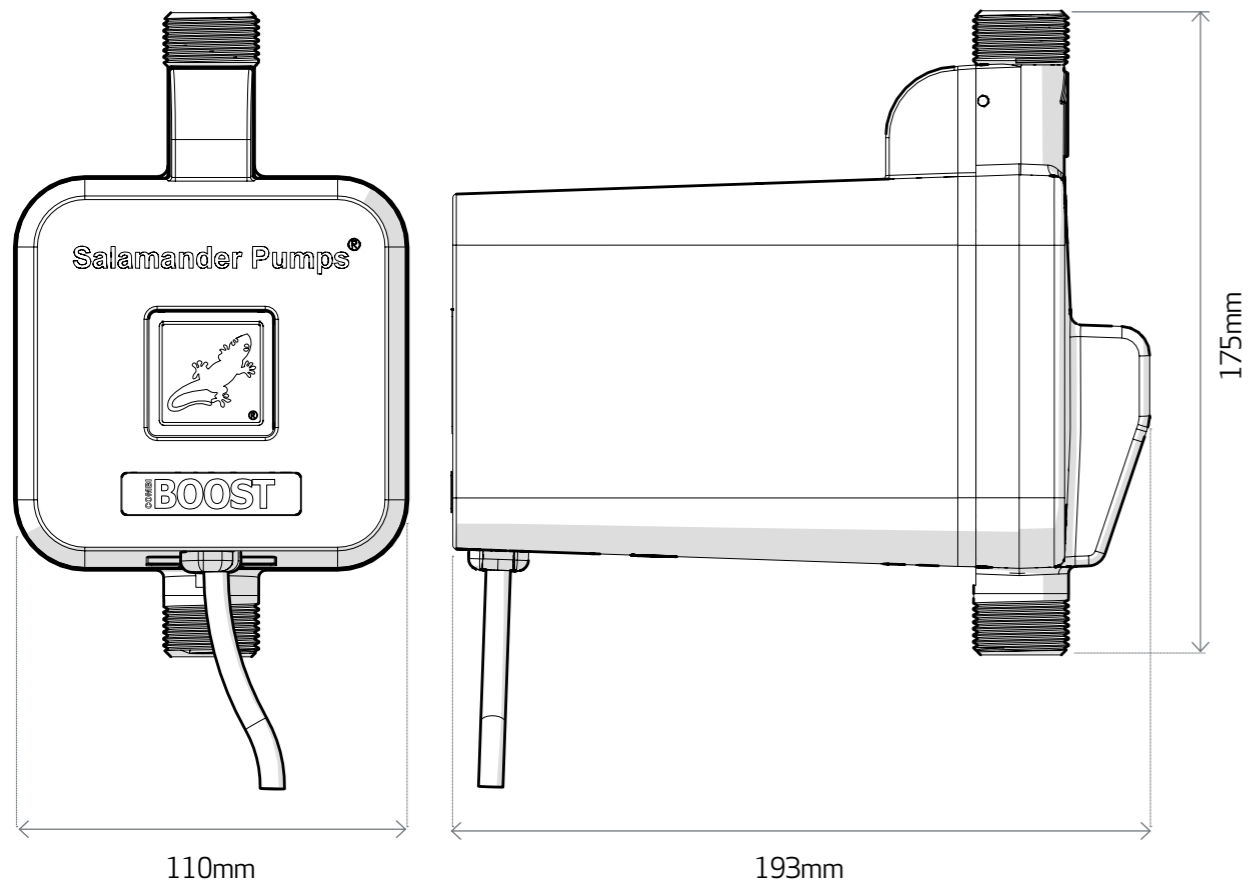


		TapBoost
<b>General</b>	Guarantee	2 Years
<b>Features</b>	Pump Type	Inline
<b>Performance</b>	Litres per Min	7-11/min (depending on incoming flow)
	Bar Rating	0.5 bar
<b>Motor</b>	Type	BLDC
	Duty rating	Continuously rated
	Noise Rating	34.2dBA
<b>Electrical</b>	Flow Indicator Light	Yes
	Power Supply	100-240v
	Current (full load)	1.5 Amps
	Power consumption	18W
	Fuse Rating	3 Amps
	Power cable (pre-wired)	4 metres
<b>Physical</b>	Enclosure Protection (IP Rating)	IPX4 - Pump, IPX0 - Power supply unit
	Length	95mm
	Width	53mm
	Height (Excluding Hoses)	127mm
	Weight (Excluding Hoses)	0.9kg

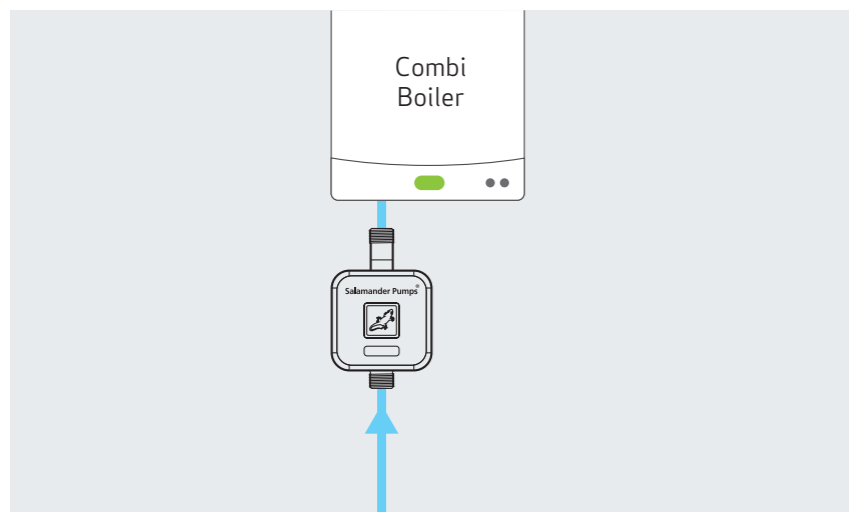


# CombiBoost

## Dimensions



## Installation

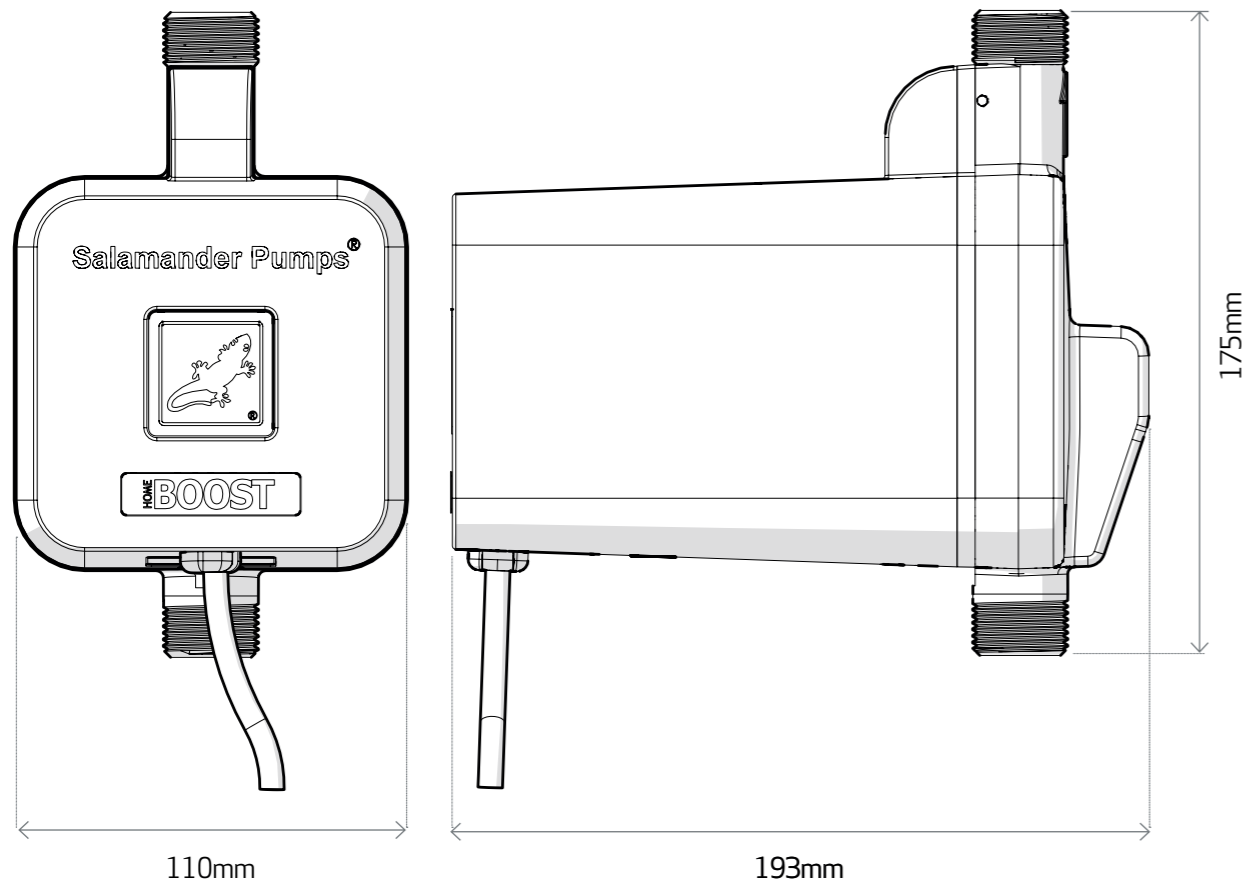


		CombiBoost
<b>General</b>	Guarantee	1 Year
	WRAS approval	1803700
<b>Features</b>	Pump Type	Inline
<b>Performance</b>	Litres per Min	10l/min
	Bar Rating	1.0 Bar
<b>Motor</b>	Type	Brushless
	Duty rating	Continuously Rated
<b>Electrical</b>	Flow Indicator Light	No
	Power Supply	230v
	Current (full load)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

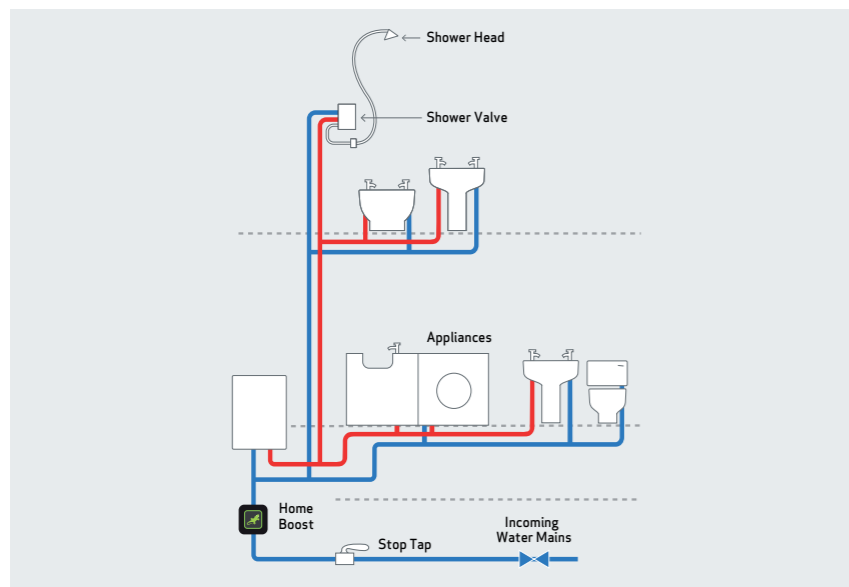


# HomeBoost

## Dimensions



## Installation

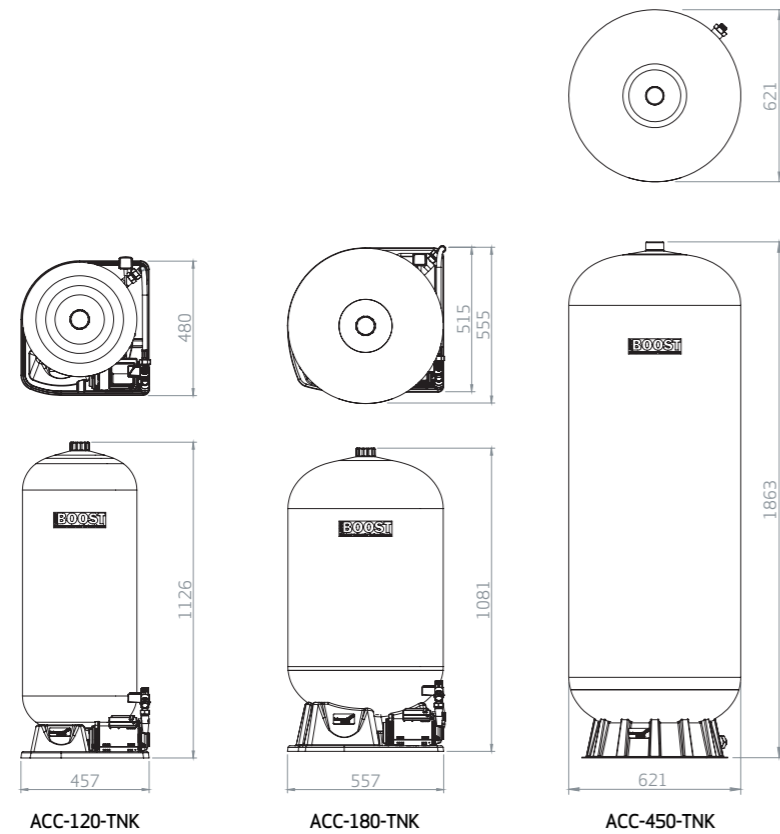


		HomeBoost
<b>General</b>	Guarantee	3 Years
	WRAS approval	1803700
<b>Features</b>	Pump Type	Inline
<b>Performance</b>	Litres per Min	12l/min
	Bar Rating	1.6 Bar
<b>Motor</b>	Type	Brushless
	Duty rating	Continuously Rated
	Noise rating	46dBA
<b>Electrical</b>	Flow Indicator Light	Yes
	Power Supply	230v
	Current (full load)	1.8 Amps
	Power consumption	Variable
	Fuse Rating	3 Amps
	Power cable (pre-wired)	1.5 metres
<b>Physical</b>	Enclosure Protection (IP Rating)	IPX4
	Length	193mm
	Width	110mm
	Height (Excluding Hoses)	175mm
	Weight (Excluding Hoses)	3.1kg



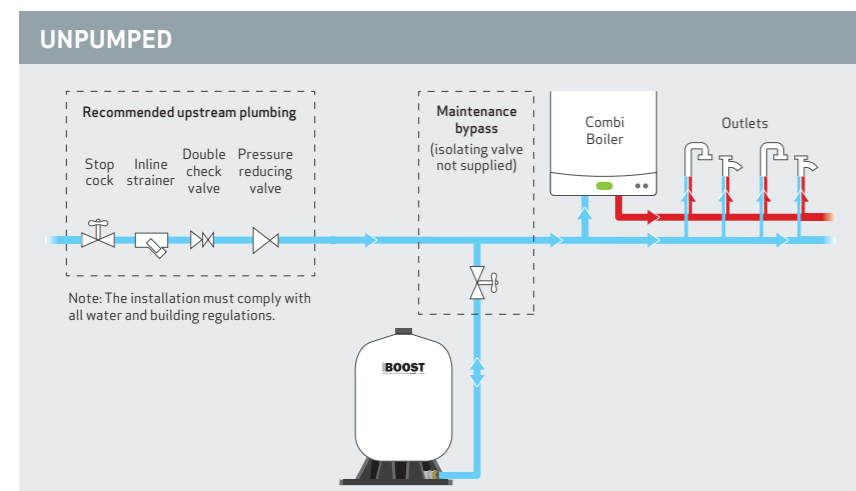
# AccuBoost Tanks

## Dimensions



		ACC-120-TNK	ACC-180-TNK	ACC-450-TNK
<b>General</b>	Guarantee	3 Years		
<b>Noise rating</b>	Noise when filling (from dBA)	38.9	38.6	28.1
	Noise when emptying (from dBA)	53.5	48.0	37.4
<b>Specification</b>	Maximum Operating Pressure	8.6 Bar		
	Vessel Size (Litres)	112	178	453
	Maximum Water Vessel Water Storage Capacity (Litres)	56	89	226.5
	Flow Rate (Litres per min, not including natural mains flow)	4	6	24
	Connection Type	3/4" BSP		
<b>Dimensions</b>	Height (mm)	1126	1081	1863
	Width (mm)	457	557	621
	Depth (mm)	480	557	621
<b>Weights</b>	Empty Weight (kg)	13	20.5	47.2
	Filled Weight (kg)	69	109.5	273.5
	Maximum Weight (kg)	125	198.5	500.2

## Installation



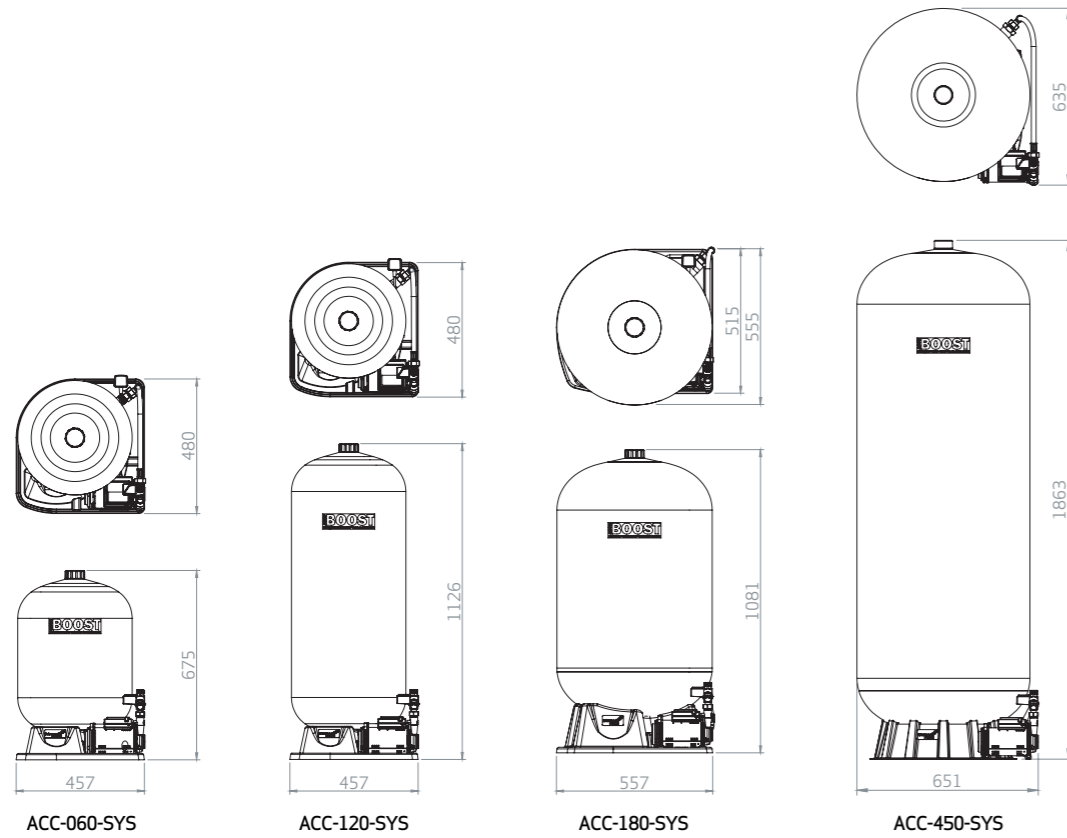
## Patents

GB2465392B  
Integrated volute

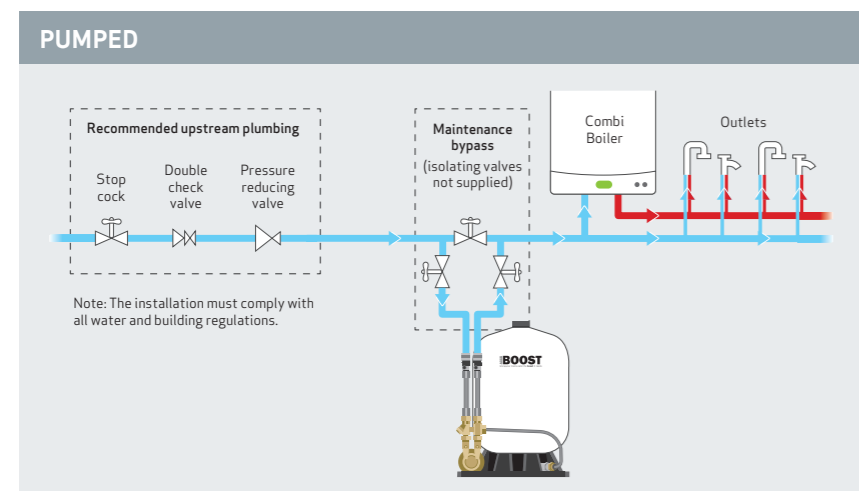


# AccuBoost Systems

## Dimensions



## Installation



## Patents

Integrated volute

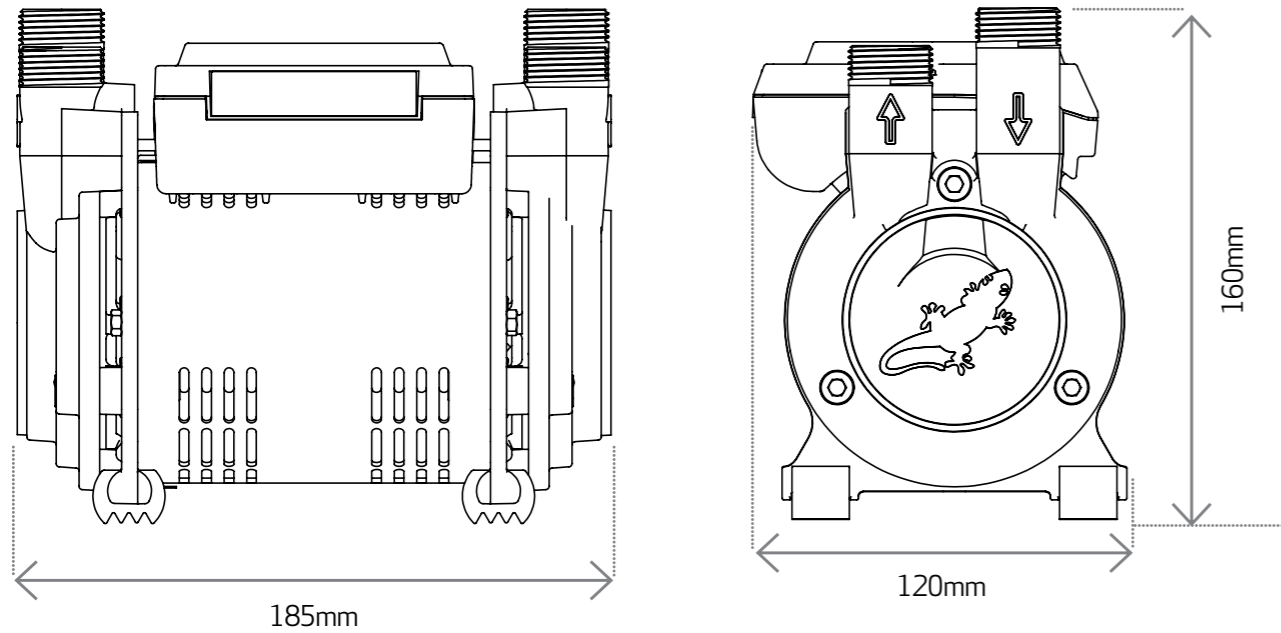
ACC060-SYS ACC120-SYS ACC180-SYS ACC450-SYS

		ACC060-SYS	ACC120-SYS	ACC180-SYS	ACC450-SYS
<b>General</b>	Guarantee	3 Years			
<b>Noise ratings</b>	Noise when filling (from dBA)	61.9	64.5	63.2	61.6
	Noise when emptying (from dBA)	60.5	64.1	63.0	60.6
<b>Specification</b>	Maximum Operating Pressure	8.6 Bar			
	Vessel Size (Litres)	55	112	178	453
	Maximum Water Vessel Water Storage Capacity (Litres)	27.5	56	89	226.5
<b>Features</b>	Pump Type	Regenerative			
	Pump Model	ASSYACCUFORCE			
	Mechanical Seal	PTFE/EPDM/Rubber/Aluminium Oxide			
	Pump Body/ Impeller	Brass			
	Enclosure Protection	IXP4			
<b>Performance</b>	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			
<b>Connections</b>	Pump connections	3/4" male BSP			
	Anti vibration Couplers	3/4" female BSP - 22m push fit			
<b>Motor</b>	Type	Capacitor start and run induction motor			
	Duty rating	Continuous			
<b>Electrical</b>	Power Supply /Phase/Frequency	230v/1/50Hz			
	Current (full load)	1.4 A			
	Power consumption	300 Watts			
	Fuse Rating	3A			
	Power Cable (pre-wired)	Pre wired with plug			
<b>Dimensions</b>	Height (mm)	675	1126	1081	1863
	Width (mm)	457	457	557	651
	Depth (mm)	480	480	557	635
<b>Weights</b>	Empty Weight (kg)	15.4	20	27.5	54.2
	Filled Weight (kg)	42.9	76	116.5	280.7
	Maximum Weight (kg)	70.4	132	205.5	507.2

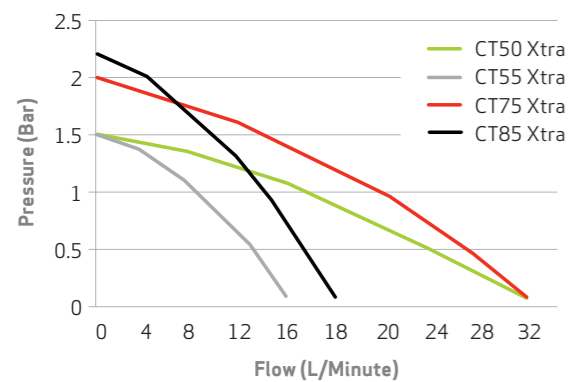


# CT Xtra

## DIMENSIONS



## FLOW CURVES



## PATENTS

GB2465392B  
Integrated volute

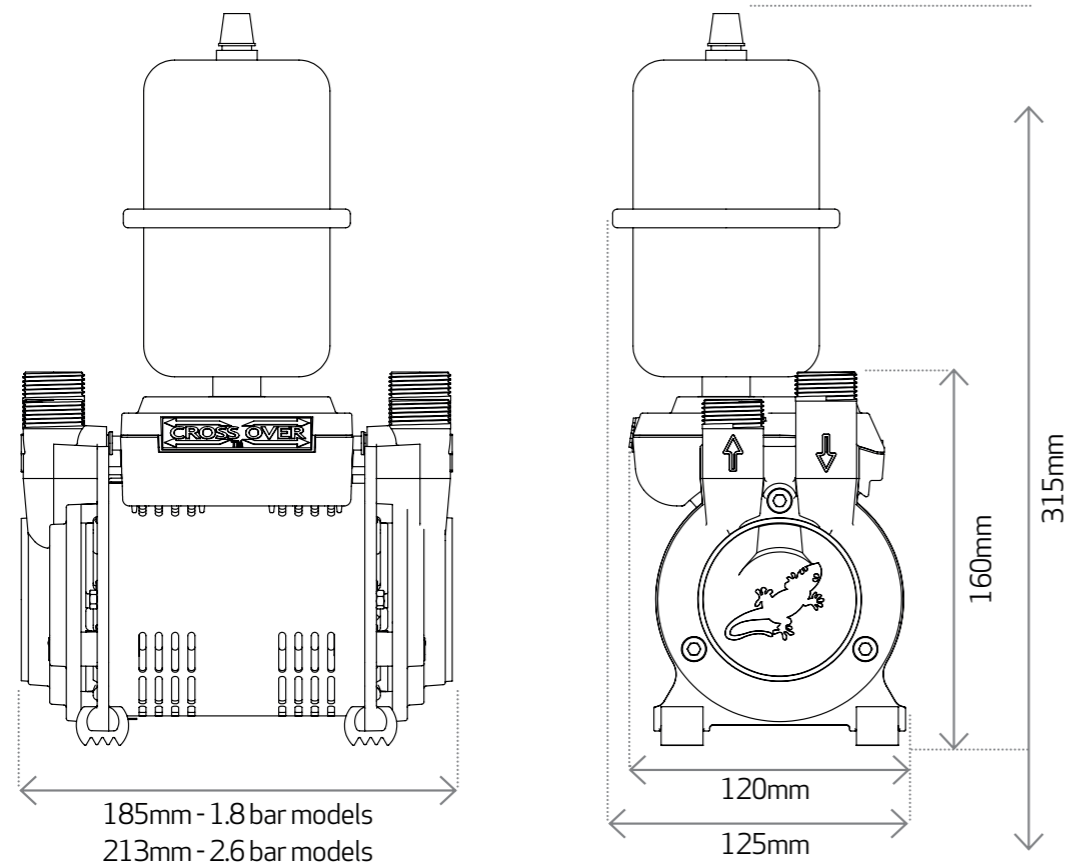
	CT50+ Xtra	CT75+ Xtra	CT55+ Xtra	CT85+ Xtra	
<b>General</b>	Guarantee		3 Years		
	WRAS approval		1309001		
<b>Features</b>	Pump Type		Regenerative		
	Mechanical seal		Nitrile / Carbon / Ceramic		
	Anti-vibration feet	✓	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓	✓
	Flexible hoses	4	4	2	2
	<b>Performance</b>	Pressure @ 16lpm (8lpm for singles)	1.0 Bar	1.3 Bar	1.1 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			
<b>Connections</b>	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			
<b>Motor</b>	Type		A.C Induction Motor		
	Duty rating		Continuously Rated		
<b>Electrical</b>	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			
<b>Physical</b>	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

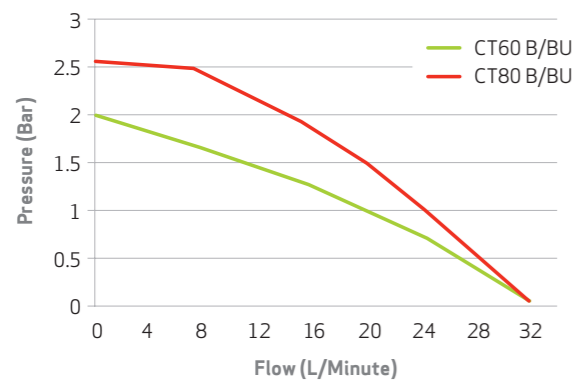


# CT Bathroom

## DIMENSIONS



## FLOW CURVES



## PATENTS

GB2465392B  
Integrated volute

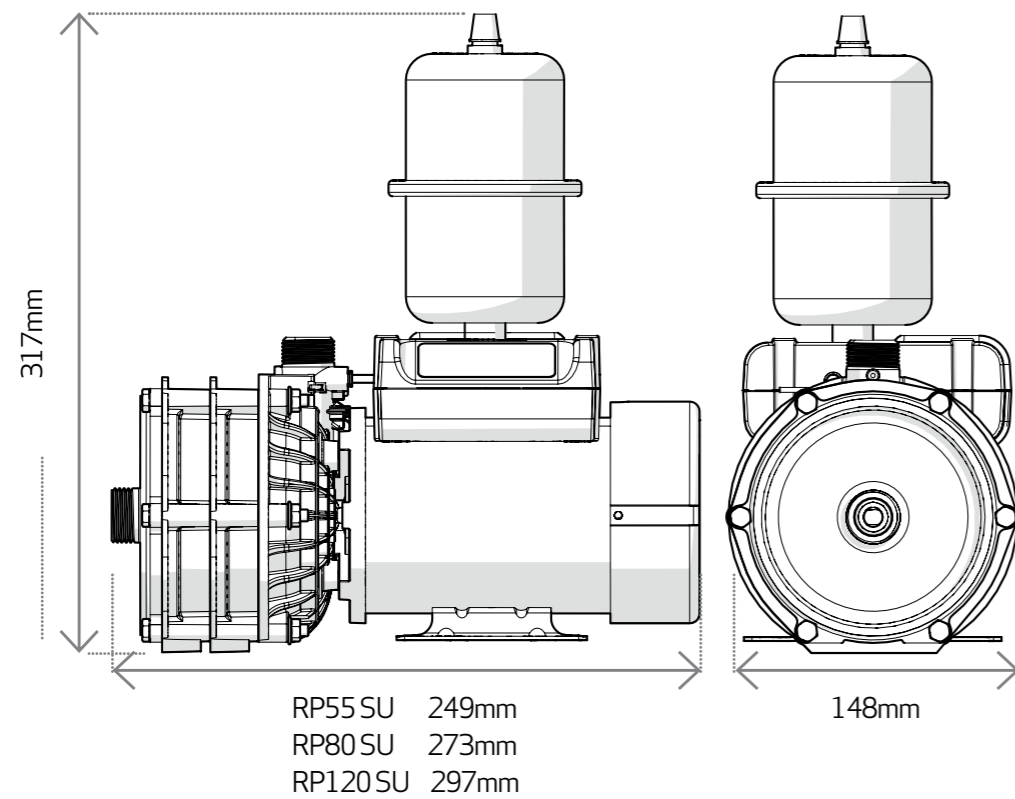
	CT Bathroom 60B/BU	CT Bathroom 80B/BU	
<b>General</b>	Guarantee	3 Years	
	WRAS approval	1507004	
<b>Features</b>	Pump Type	Regenerative	
	Mechanical seal	Nitrile / Carbon / Ceramic	
	Anti-vibration feet	✓	
	Inlet Isolator(s)	✓	
	Flexible hoses	4	4
<b>Performance</b>	Pressure @ 16lpm (8lpm for singles)	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		
<b>Connections</b>	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	
<b>Motor</b>	Type	A.C Induction Motor	
	Duty rating	Continuously Rated	
<b>Electrical</b>	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	
<b>Physical</b>	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

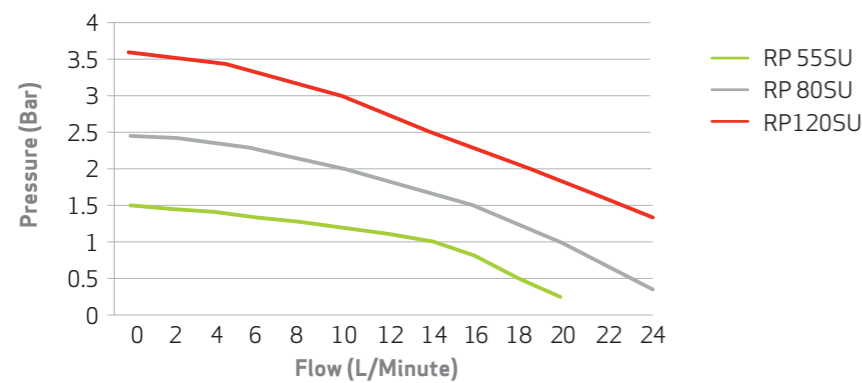


# Right Pumps - Single Ended Universal

## DIMENSIONS



## FLOW CURVES



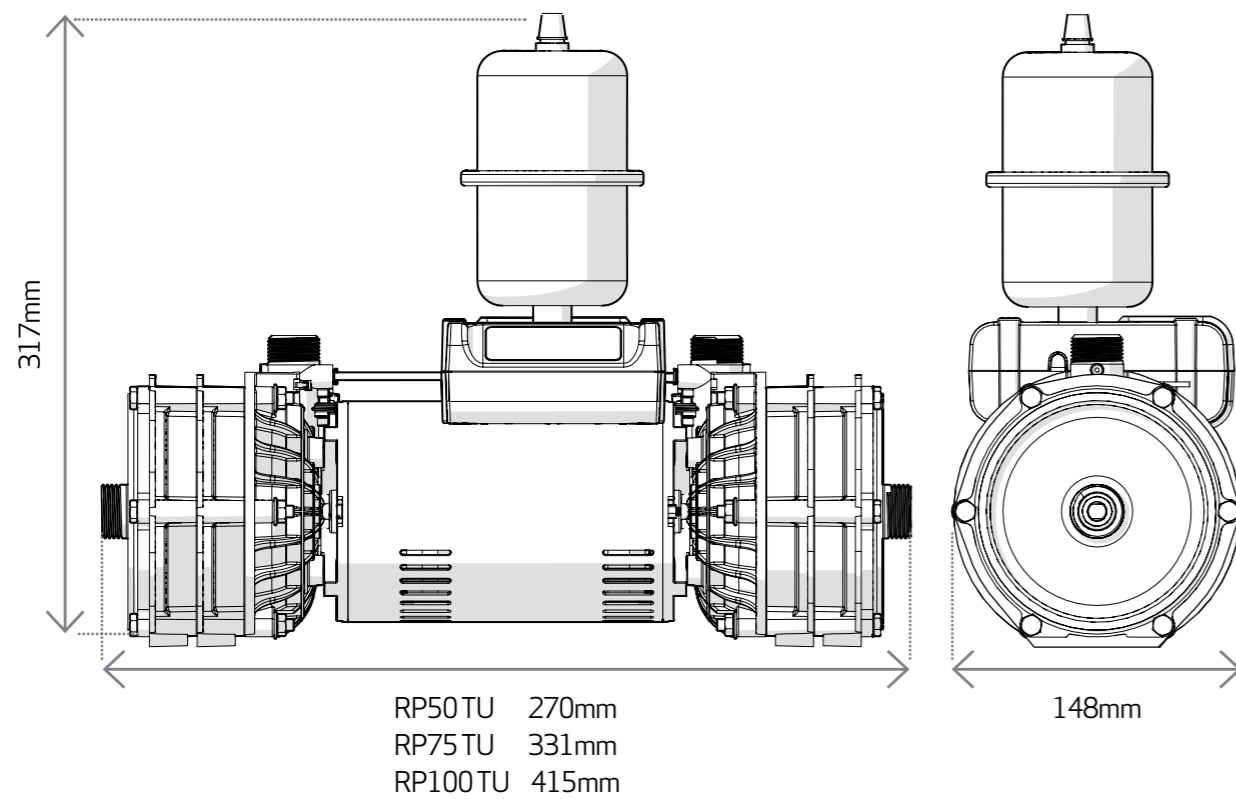
	RP55SU	RP80SU	RP120SU	
<b>General</b>	Guarantee	3 Years		
	WRAS approval	1810090		
<b>Features</b>	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	2	2	2
<b>Performance</b>	Pressure @ 16lpm (8lpm for singles)	1.3 Bar	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
<b>Connections</b>	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		
<b>Motor</b>	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
<b>Electrical</b>	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		
<b>Physical</b>	Enclosure Protection (IP Rating)	IPX3		
	Length	249mm	273mm	297mm
	Width	148mm		
	Height (Excluding Hoses)	317mm		
	Weight (Excluding Hoses)	6.4kg	6.7kg	7.0kg



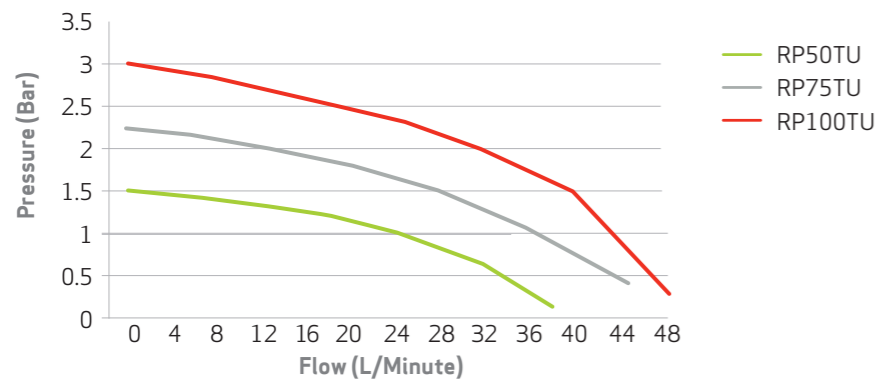


# Right Pumps - Twin Ended Universal

## DIMENSIONS



## FLOW CURVES

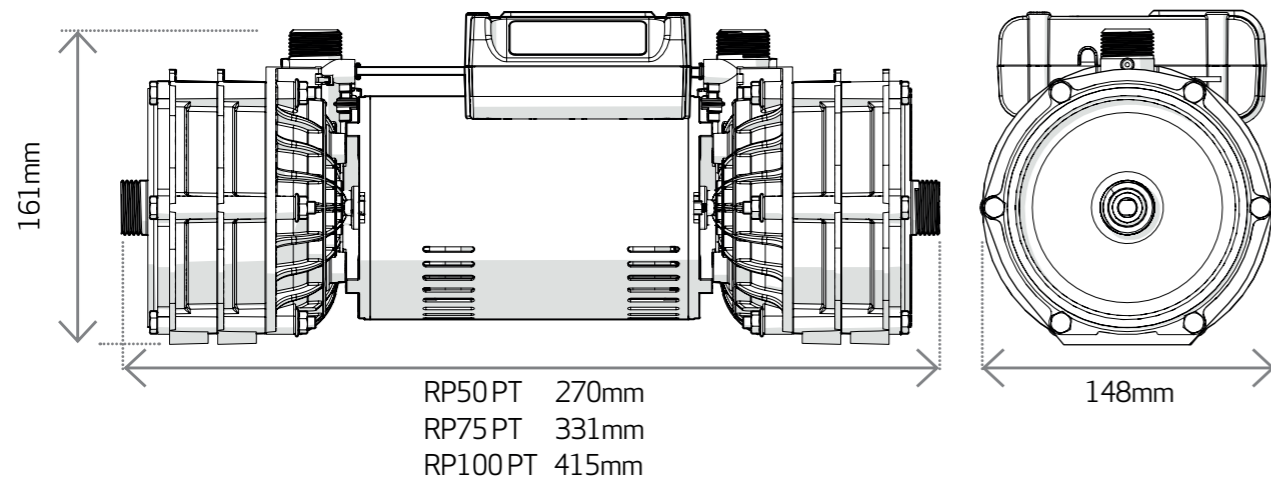


		RP50TU	RP75TU	RP100TU
<b>General</b>	Guarantee	3 Years		
	WRAS approval	1810090		
<b>Features</b>	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
<b>Performance</b>	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	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
<b>Connections</b>	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		
<b>Motor</b>	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
<b>Electrical</b>	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		
<b>Physical</b>	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

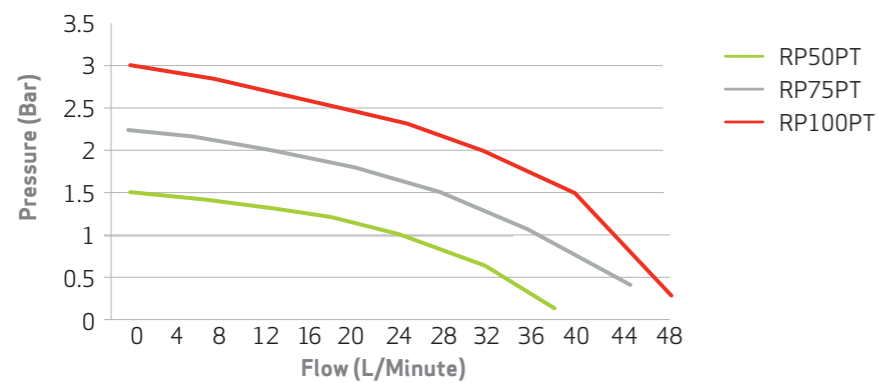


# Right Pumps - Twin Ended Positive

## DIMENSIONS



## FLOW CURVES



	RP50PT	RP75PT	RP100PT	
<b>General</b>	Guarantee	3 Years		
	WRAS approval	1810090		
<b>Features</b>	Pump Type	Centrifugal		
	Mechanical seal	Nitrile / PTFE / Ceramic		
	Anti-vibration feet	✓	✓	✓
	Inlet Isolator(s)	✓	✓	✓
	Flexible hoses	4	4	4
	<b>Performance</b>	Pressure @ 16lpm (8lpm for singles)	1.2 Bar	1.9 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
<b>Connections</b>	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 22mm Push-Fit x 280mm long - isolating valves on all hoses	
<b>Motor</b>	Type	A.C Induction Motor		
	Duty rating	Continuously Rated		
<b>Electrical</b>	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		
<b>Physical</b>	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



# Salamander Pumps

## Get in touch

We are here to help,  
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**MADE IN  
BRITAIN** 



Salamander Pumped Shower System Ltd is part of The Davidson Holdings Group.  
Errors and omissions excepted. V1 July 2022.