

Salamander Pumps 

MainsBooster

R A N G E



A range of product solutions to boost mains flow and pressure. Improving water performance to a tap, shower, bathroom or whole house.

Smarter Water Performance





MainsBooster Range Explained

Salamander Pumps' range of inline pumps and accumulator tanks provide a quiet, lightweight and easy to install solution to all domestic and light commercial mains water boosting needs.

For further product information, training and product selector software **scan the QR code** or visit **www.salamanderpumps.co.uk**



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Inline Pumps

This range of pumps are installed in line on the water supply pipe, boosting the water flow rate to the specified amount.

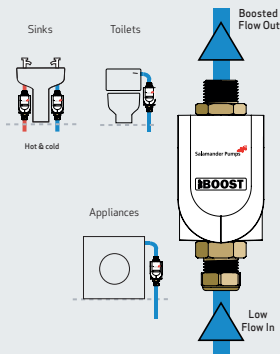
TapBoost provides an easy to install solution when only one tap or outlet suffers with low water flow.

CombiBoost and HomeBoost offer a solution for mains-fed properties where the water performance is poor across the whole house.

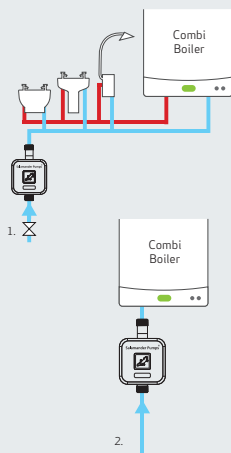
Product Name	Output Flow Rate L/Min
TapBoost	7-12*
CombiBoost	10
HomeBoost	12

*Varies depending on incoming flow.

TYPICAL TAPBOOST INSTALLATIONS



TYPICAL COMBIBOOST AND HOMEBOOST INSTALLATIONS



Accumulator Tanks

AccuBoost, our range of accumulator tanks, offers a solution for properties where the demand for water is over and above what the mains currently provides.

AccuBoost stores water at pressure and instantly releases this water into the system, boosting the mains water flow into the property. Ideal for use with combination boilers or unvented cylinders.

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

ACCUMULATOR SYSTEMS (PUMPED)

A pumped option is recommended if flow is less than 12 litres/minute and/or the static pressure is below 2.0 bar.

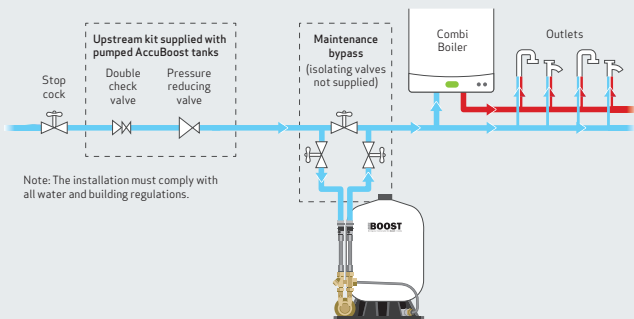
Available in 4 different tank sizes, the AccuBoost pumped range will boost water performance when the incoming mains water flow and/or pressure is poor. The pumped option will always maintain a flow of 12 litres per minute in addition to the extra flow provided by the tank.

ACCUMULATOR TANKS (UNPUMPED)

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.

There is the option to link multiple tanks together depending on space available and the required demand.

TYPICAL PUMPED INSTALLATION



Specification

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

Do you need to boost one or more outlets ?

If only one outlet needs to be boosted then TapBoost offers a solution.

If you need to boost more than one outlet continue to question 2.

1

How many outlets do you want to run at once?

Calculate the flow rate per minute of all outlets you will use at the same time using our flow rate guide. Find the relevant column in the table on the right to see which products are suitable.

If you require 12 L/min or less HomeBoost or CombiBoost may be suitable.

If you require more than 12 L/min you will need an accumulator. Questions 3 - 5 will guide you through choosing the right accumulator.

2

Do you need pumped or unpumped?

Choose pumped if any of the following applies:

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

3

Is your heating system a combi boiler or unvented?

- All options are suitable for a combination boiler.
- Choose a 450L model if unvented.

4

What space do you have available?

If space is limited you may need to choose a smaller model. Smaller tanks will still improve water flow but cannot deliver as high flow rates, so you will not be able to run as many outlets simultaneously.

Alternatively linking multiple smaller tanks together delivers additional capacity and makes the solution flexible to the space.

5

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.

	Flow rate (L per min)														Vessel re-charge time**
	10 ltrs	12 ltrs	14 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 (L/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

For more guidance on choosing the right product, please 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.



TapBoost

7-12l
per min*



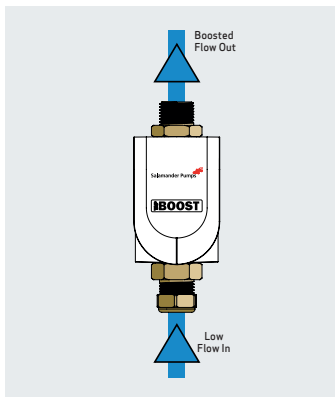
*Varies depending on incoming flow.

TapBoost provides an easy to install, cost-effective solution when a single outlet suffers with poor water flow.

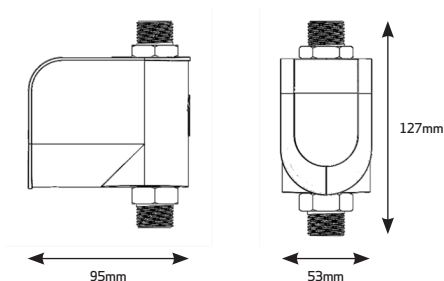
Suitable for mains and gravity fed systems, TapBoost will boost the water flow to a single outlet to 7 - 12 litres depending on the incoming flow.

- Quicker bath-fill
- Stronger flowing taps
- Suitable for hot or cold water
- 2 year warranty

INSTALLATION



DIMENSIONS



CombiBoost

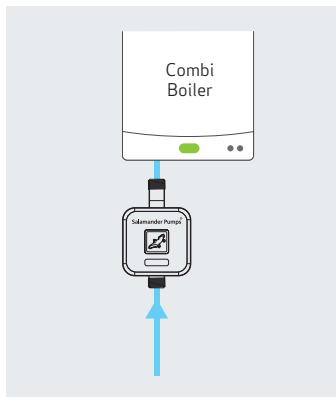
10l
per min



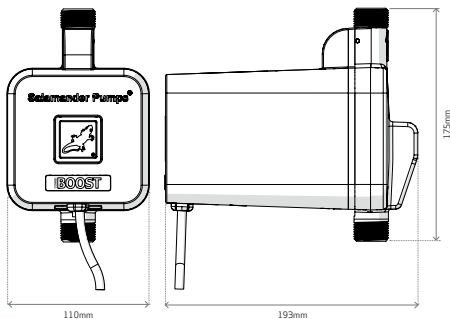
If you have a combi boiler that isn't performing as well as it should be due to poor water pressure and flow, then CombiBoost will help.

- Boost mains water flow up to 10 l/min
- Improved shower performance
- Quicker bath-fill
- Stronger flowing taps
- 1 year warranty

INSTALLATION

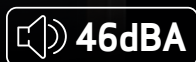


DIMENSIONS



HomeBoost

12l
per min

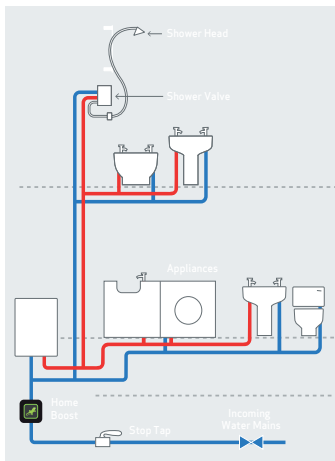


HomeBoost is our intelligent inline mains booster pump.

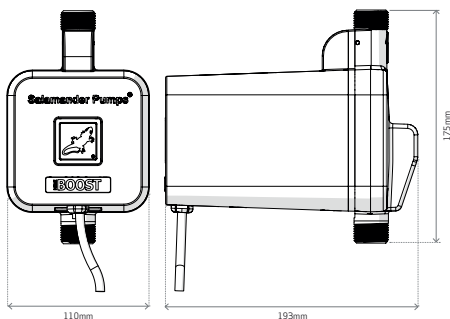
It recognises when water pressure and flow is low and quietly boosts water performance up to 12 litres per minute.

- Boost mains water flow up to 12 l/min
- Improved shower performance
- Quicker bath-fill
- Stronger flowing taps
- Flow indicator lights
- 3 year warranty

INSTALLATION



DIMENSIONS



Inline Pumps

Technical Specification

		TapBoost	CombiBoost	HomeBoost
General	Guarantee	2 Years	1 Year	3 Years
Features	Pump Type	Inline	Inline	Inline
Performance	Litres per Min	7-11/min (depending on incoming flow)	10l/min	12l/min
	Bar Rating	0.5 bar	1.0 bar	1.6 bar
Motor	Type	BLDC	Brushless	Brushless
	Duty Rating	Continuously rated	Continuously rated	Continuously rated
	Noise Rating	34.2dBA	N/A	46dBA
Electrical	Flow Indicator Light	Yes	No	Yes
	Power Supply	100-240v	230v	230v
	Current (full load)	1.5 Amps	1.8 Amps	1.8 Amps
	Power Consumption	18W	Variable	Variable
	Fuse Rating	3 Amps	3 Amps	3 Amps
	Power Cable (with 3 pin plug)	4 metres	1.5 metres	1.5 metres
Physical	Enclosure Protection (IP Rating)	IPX4 - Pump, IPX0 - Power supply unit	IPX4	IPX4
	Length	95mm	193mm	193mm
	Width	53mm	109mm	110mm
	Height	127mm	179mm	175mm
	Weight	0.9kg	3.1kg	3.1kg



AccuBoost Tank



***WHEN FILLING**
FROM
28.1dBA*

An unpumped AccuBoost accumulator tank provides an excellent solution for properties requiring additional water flow.

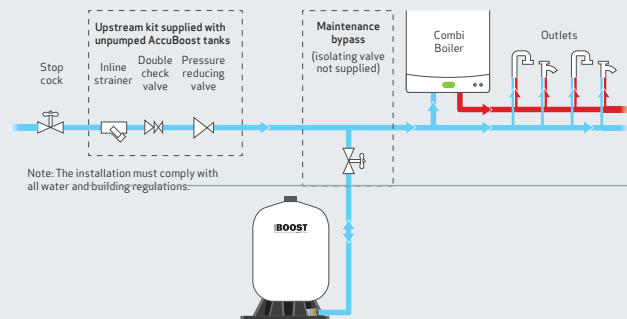
Available in 3 different tank sizes, this range will give an extra boost when pressure is good and water flow is above

12 litres per minute, but additional water flow is needed in addition to the mains supply.

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

INSTALLATION

UNPUMPED



Code	Description
ACC-120-TNK	AccuBoost 120 Tank: 120 litre accumulator tank
ACC-180-TNK	AccuBoost 180 Tank: 180 litre accumulator tank
ACC-450-TNK	AccuBoost 450 Tank: 450 litre accumulator tank



AccuBoost pumped models give an extra boost to mains water flow and pressure.

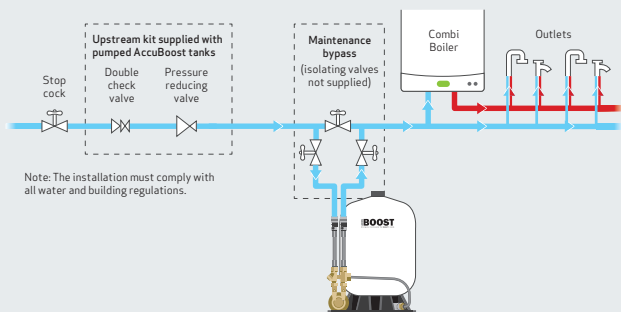
Available in 4 tank sizes, the AccuBoost pumped range will boost water performance when the incoming mains water flow and/or pressure is poor. The pumped option will always maintain a flow of 12 litres per minute in addition to the extra flow provided by the tank.

A pumped option is recommended if flow is less than 12 litres/min and/or the static pressure is below 2.0 bar.

- 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

INSTALLATION

PUMPED



Code	Description
ACC-060-SYS	AccuBoost 060 System: 60 litre pumped accumulator set
ACC-120-SYS	AccuBoost 120 System: 120 litre pumped accumulator set
ACC-180-SYS	AccuBoost 180 System: 180 litre pumped accumulator set
ACC-450-SYS	AccuBoost 450 System: 450 litre pumped accumulator set



AccuBoost Tank (Unpumped)

Technical Specification

		ACC-120-TNK	ACC-180-TNK	ACC-450-TNK
Guarantee		3 Years		
Noise ratings	Noise when filling (from dBA)	38.9	38.6	28.1
	Noise when emptying (from dBA)	53.5	48.0	37.4
Specification	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" male BSP		
Dimensions	Height (mm)	1126	1081	1863
	Width (mm)	457	557	621
	Depth (mm)	480	557	621
Weights	Empty Weight (kg)	12.8	20.3	47
	Filled Weight (kg)	68.8	109.3	273.5
	Maximum Weight (kg)	124.8	198.3	500

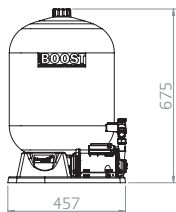
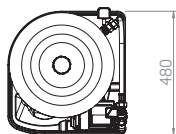
AccuBoost System (Pumped)

Technical Specification

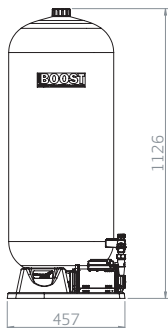
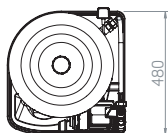
		ACC-060-SYS	ACC-120-SYS	ACC-180-SYS	ACC-450-SYS
Guarantee		3 Years			
Noise ratings	Noise when filling (from dBA)	61.9	64.5	63.2	61.6
	Noise when emptying (from dBA)	60.5	64.1	63.0	60.6
Specification	Maximum Operating Pressure	8.6 Bar			
	Vessel Size (Litres)	55	112	178	453
	Maximum Water Vessel Water Storage Capacity (Litres)	27.5	56	89	226.5
Dimensions	Height (mm)	675	1126	1081	1863
	Width (mm)	457	457	557	635
	Depth (mm)	480	480	557	651
Weights	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
Pump	Pump Type	Regenerative			
	Pump Model	ASSYACCUFORCE			
	Mechanical Seal	Nitrile/PTFE/ceramic			
	Pump body/Impeller	Brass			
	Enclosure Protection	IPX4			
Motor	Type	Capacitor start and run induction motor			
	Duty Rating	Continuous			
Electrical	Power Supply/Phase/Frequency	230v/1/50Hz			
	Current (Full load)	1.4 A			
	Power Consumption	300w			
	Fuse Rating	3A			
	Power Cable	Pre wired with plug			
Connections	Pump	3/4" male BSP			
	Anti vibration Couplers	3/4" female BSP - 22m push-in			
Performance	Maximum Head	3 bar			
	Maximum Flow Rate	14l/min	16l/min	18l/min	36l/min
	Time at Maximum Flow Rate	9 mins	9 mins	9 mins	9 mins
	Minimum Continuous Flow Rate	12l/min	12l/min	12l/min	12l/min
Performance values may be higher if mains natural flow is above 12l/min					



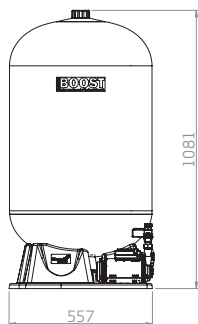
DIMENSIONS



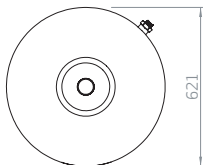
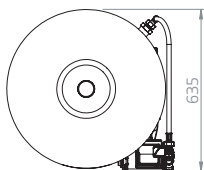
ACC-060-SYS



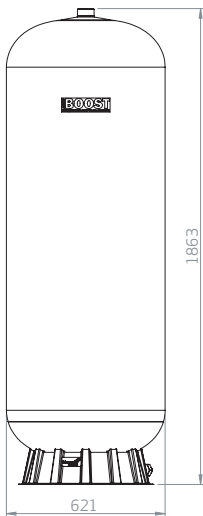
ACC-120-SYS
ACC-120-TNK



ACC-180-SYS
ACC-180-TNK



ACC-450-SYS



ACC-450-TNK



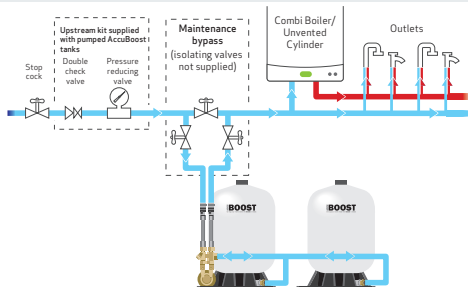
AccuBoost

Linking Multiple Tanks

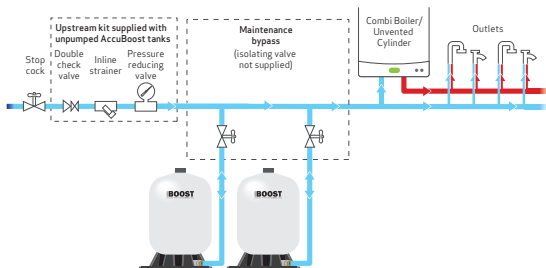
If additional water storage capacity is required, multiple tanks can be installed in a system, only one pump can be fitted per installation.

A Salamander Pumps' tank connector kit (TNK-CON-KIT) can be purchased separately to allow multiple tanks to be connected.

PUMPED



UNPUMPED



MainsBooster Accessories

Accessories only compatible with Salamander Pumps' MainsBooster range.

Inline Pump Accessories



CHBFIT01

Inline pump fitting kit. Included in kit: Isolation valve connector, Straight connector, Set of adapters to allow either 15mm or 22mm pipe connection.

AccuBoost Accessories



ACC-UPG-KIT

Upgrade an unpumped accumulator tank to a pumped model.



FLO-RES-KIT

Allows the flow rate from AccuBoost to be adjusted.



TNK-CON-KIT

Connect multiple AccuBoost tanks together.



TNK-HOSE

Replacement tank hose.



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 longevity and smooth running, 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

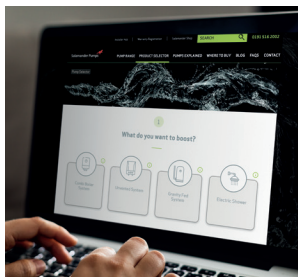


Brochures

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 on our website (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

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 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



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



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