

Salamander Pumps 

MainsBooster

R A N G E



A range of product solutions to boost mains flow and pressure. Improving water performance to the shower, bathroom and 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**



Contents

Product and Installation Information	4
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Inline Pumps	
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CombiBoost	6
------------	---

HomeBoost	8
-----------	---

Technical Specification	10
-------------------------	----

Accumulator Tanks	
--------------------------	--

AccuBoost	12
-----------	----

Technical Specification	16
-------------------------	----

Linking Multiple Tanks	20
------------------------	----

Accessories	21
-------------	----

Product Selection Support	22
----------------------------------	-----------

Added Benefits	24
-----------------------	-----------

Customer Service	25
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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.

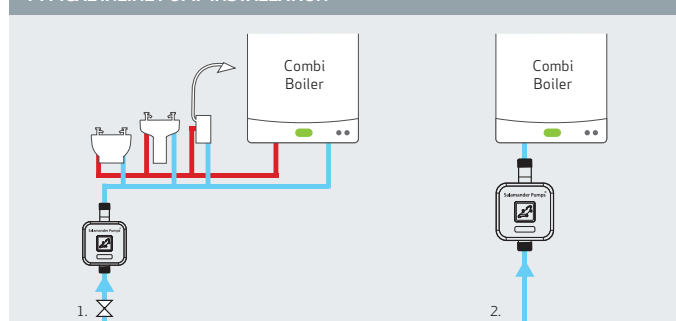
They are an ideal solution in properties that have poor mains flow where a quiet and compact solution is needed. From this range you will find a solution that will improve water performance to taps, showers, the bathroom and whole house appliances via a combi boiler.

These products should be installed directly onto the incoming mains using 3/4" BSP to 15mm or 22mm fittings.

Fittings kit available separately.

Product Name	Flow Rate L/Min
CombiBoost	10
HomeBoost	12

TYPICAL INLINE PUMP INSTALLATION



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.

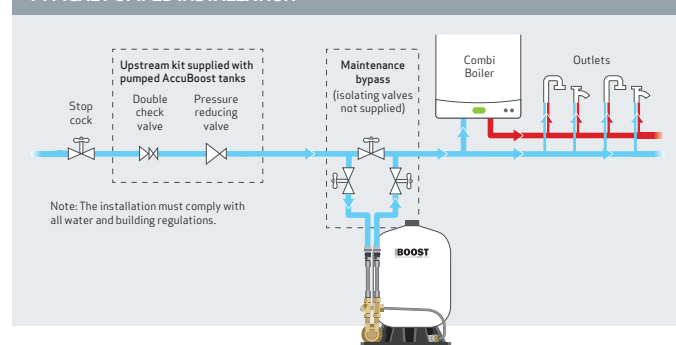
Available in 4 different tank sizes, the AccuBoost pumped range will boost water performance when the incoming mains water flow and/or pressure is poor. The pumped option will always maintain a flow of 12 litres per minute in addition to the extra flow provided by the tank.

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



CombiBoost

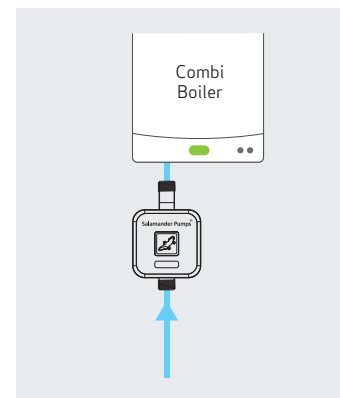
10l
per min



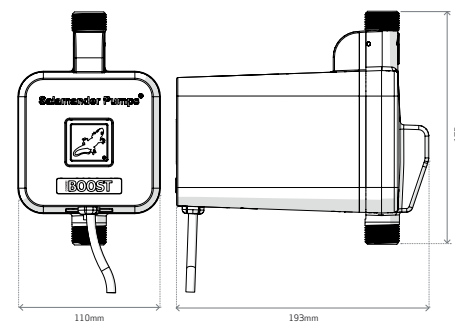
If you have a combi boiler that isn't performing as well as it should be due to poor water pressure and flow then a CombiBoost will help.

- 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

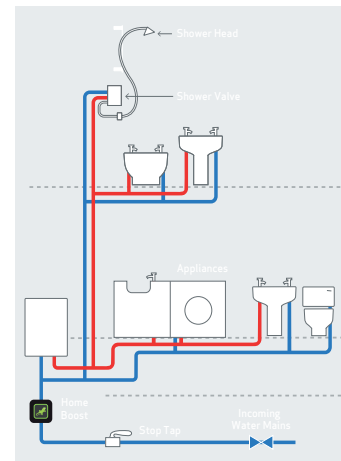


HomeBoost is our intelligent inline mains booster pump.

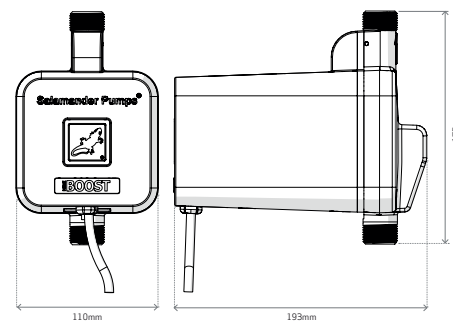
It recognises when water pressure and flow is low and quietly boosts water performance up to 12 litres per minute.

- 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

		CombiBoost	HomeBoost
General	Guarantee	1 Year	3 Years
Features	Pump Type	MainsBooster	MainsBooster
Performance	Litres per Min	10l	12l
	Bar Rating	1.0 bar	1.6 bar
Motor	Type	Brushless	Brushless
	Duty Rating	Continuously rated	Continuously rated
	Noise Rating	N/A	46dBA
Electrical	Flow Indicator Light	No	Yes
	Power Supply	230v	230v
	Current (Full load)	1.8 Amps	1.8 Amps
	Power Consumption	Variable	Variable
	Fuse Rating	3 Amps	3 Amps
	Power Cable (pre-wired)	1.5 metres	1.5 metres
Physical	Enclosure Protection (IP Rating)	IPX4	IPX4
	Length	193mm	193mm
	Width	110mm	110mm
	Height	175mm	175mm
	Weight	3.1kg	3.1kg



AccuBoost Tank



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

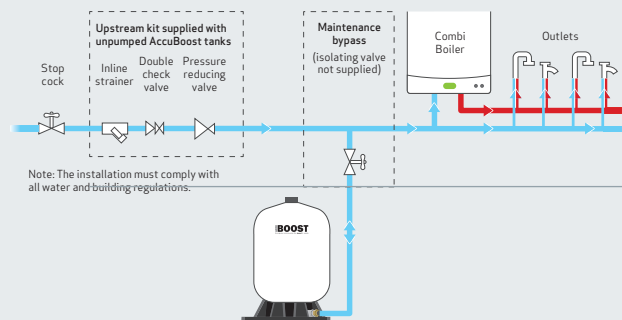
Available in 3 different tank sizes, this range will give an extra boost when pressure is good and water flow is above

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 System



FROM ^{*WHEN FILLING}
61.1dBA*

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

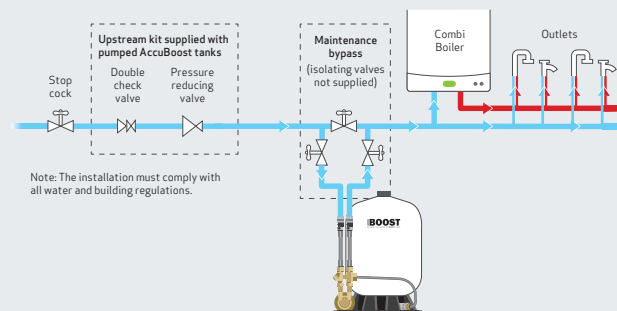
Available in 4 tank sizes, the AccuBoost pumped range will boost water performance when the incoming mains water flow and/or pressure is poor. The pumped option will always maintain a flow of 12 litres per minute in addition to the extra flow provided by the tank.

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

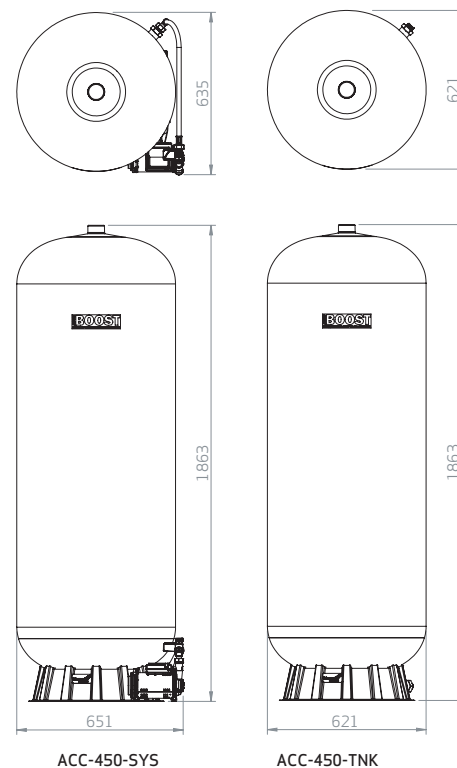
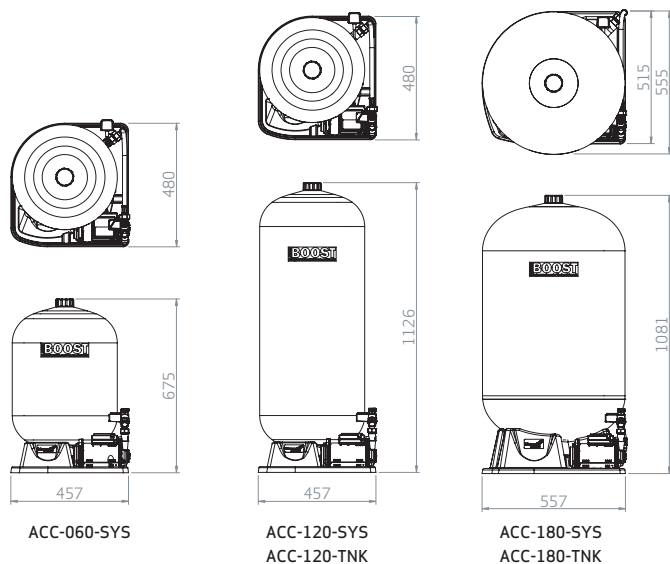
		ACC-120-TNK	ACC-180-TNK	ACC-450-TNK
Guarantee		3 Years		
Noise ratings	Noise when filling (from dBA)	38.9	38.6	28.1
	Noise when emptying (from dBA)	53.5	48.0	37.4
Specification	Maximum Operating Pressure	8.6 Bar		
	Vessel Size (Litres)	112	178	453
	Maximum Water Vessel Water Storage Capacity (Litres)	56	89	226.5
	Flow Rate (Litres per min, not including natural mains flow)	4	6	24
	Connection Type	3/4" 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	651
	Depth (mm)	480	480	557	635
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/carbon/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)	1.9 A			
	Power Consumption	410w			
	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	4 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/m				



DIMENSIONS

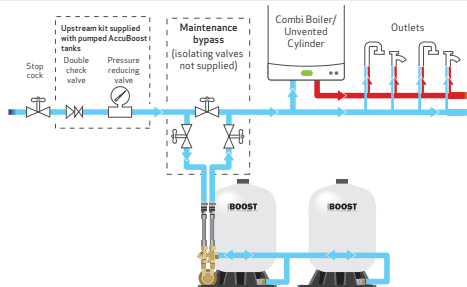


AccuBoost Linking Multiple Tanks

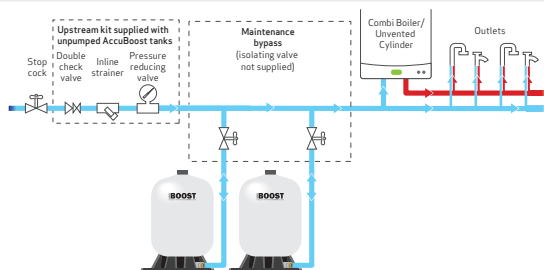
If additional water storage capacity is required, multiple tanks can be installed in a system, only one pump can be fitted per installation.

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

PUMPED



UNPUMPED



MainsBoost 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.



Product Selection Support

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

1. Do you need pumped or unpumped?	Choose pumped if one 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
2. Is the system a combi boiler or unvented system?	• All options are suitable for a combi boiler. • Choose a 450L model if unvented.
3. How many outlets will be running simultaneously?	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.
4. What space is available?	If space is limited you may need to choose a smaller model. Water flow will still be improved. Multiple tanks together can be linked to gain additional capacity and make the solution flexible to the space you have.

Flow rate guide:

Outlet	Estimated 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 or above
Bath	15
Tap	8

*These products may not be suitable for a restrictive mains or a lead mains supply. Contact us on 0191 516 2002 for product selection support.

*Quoted recharge time is for the vessel, time will vary depending on system volume.

Size and design of pipework in the property may impact the flow rate.

The grid below shows how long each product will deliver the flow rates specified in the top row. 10-36 litres per minute (L/min). Assuming 12L/min will be delivered from the mains for unpumped models or from the pump for pumped models.

	Flowrate (per min)														Vessel recharge time ^c
	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



Scan the QR code to access our **product selector tool** or visit www.allmainderpumps.co.uk

Added Benefits

For our Installers

Product Selection Support

To make specification and installation easy we have a selection of support tools available from our website:

Scan the QR code to access our **product selector tool**



Training & Events

Our new online learning tool, Salamander eSchool, offers a host of helpful training modules, featuring games, interactive imagery and animated technical videos.

The Salamander e-School helps installers, college students and merchants learn more about our products, their applications and best practices for installation.

Access the eSchool at salamandereschool.co.uk



Plumbers Network

Householders often ask us for details of installers to fit one of our products.

Simply register on our eSchool and complete our training modules. Your details will be added onto our installer map on our website.

See the map at salamanderpumps.co.uk/wheretobuy

Loyalty Scheme

Join our installer hub and register every Salamander product you install to earn points towards vouchers for Amazon, Marks and Spencer or Love2Shop.

Points range between 10 to 40 points for each product depending on the model:

50 points = £25 voucher
100 points = £50 voucher

10	CT Xtra
20	CT Bathroom CombiBoost
25	Right Pump (positive)
30	CT Force (positive) HomeBoost
40	CT Force (universal) Right Pump (universal) EVE AccuBoost

Customer Service

Salamander Pumps PumpWise

We're here to help before, during and after installation. Support is available via our website including a product specification tool, FAQs covering installation advice and troubleshooting, and you can register product warranties.

Scan the QR code to visit our website
www.salamanderpumps.co.uk



Before Installation

Getting the right product for the system is critical, which is why we offer technical assistance, guidance and advice to ensure that you select the right product for the job.

During Installation

If your installation isn't straightforward or if you have any queries as to how best to install our products, we're here to help. Visit our FAQs to find commonly asked installation questions or call us from site and we can talk you through the installation.

After Installation

Warranty registration is available on our website. On the rare occasion that there is a problem after installation, we can try and resolve your issue over the telephone. If that's not possible, they will arrange for an engineer to visit.

For support contact us via the following.



Web: www.salamanderpumps.co.uk

Tel: **0191 516 2002**

Email: accuboot@salamanderpumps.co.uk | tech@salamanderpumps.co.uk



Notes

[illegible]This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.

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

