

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' MainsBooster range provides quiet, lightweight and easy to install solutions 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 for properties where 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	7-11*
CombiBoost	10
HomeBoost	12

*Varies depending on incoming flow.

AccuBoost

AccuBoost accumulator vessels offer a solution for properties where the demand for water is 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. Delivering up to 36L/min from a single accumulator.

AccuBoost accumulators are available with/without a pump. The pump ensures that a minimum of 12 L/min is supplied to the vessel.

TankBoost

TankBoost will boost multiple outlets, across multiple floors, all at the same time, in a mains-fed system.

TankBoost is an all-in-one unit made up of a water storage tank and an integrated submerged pump. The stored cold water is boosted by an integral submersible pump to increase both pressure and flow across the property, delivering up to 3.0 Bar and 80L/min.



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 choose HomeBoost or CombiBoost.
- If you need up to 36L/min choose AccuBoost. Questions 3 - 5 will guide you through choosing the right accumulator.
- If you need more than 36 L/min chose TankBoost.

2

Do you need a model with a pump?

Choose a model with a pump 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 330L or 450L model if unvented.

4

What space do you have available?

If space is limited you may need to choose a smaller model. Smaller vessels 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 vessels together delivers additional capacity and makes the solution flexible to the space.

5

The grid below shows the amount of time (in minutes) each product will deliver specific flow rates. The time shown for the AccuBoost range assumes either the natural mains or the pump will deliver 12 litres per minute when an outlet opens.

	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 330L	Cont.	Cont.	78 mins	39 mins	26 mins	20 mins	16 mins	13 mins	12 mins	10 mins	9 mins	-	-	-	-	30 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

• Pipework within the property may impact on the flow rate delivered.

• These products may not be suitable for a restrictive mains or a lead mains supply, contact us 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 use our online product selector tool by scanning the QR code to the right.

Scan the QR code to visit our online product selector.



TapBoost

7-11l
per min*



34.2dBA

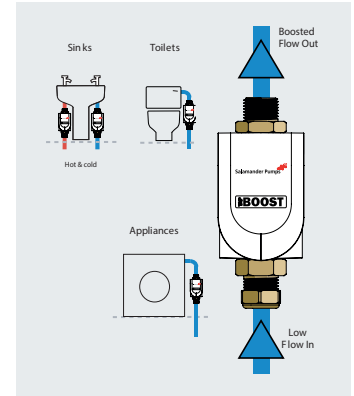
*Varies depending on incoming flow.

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

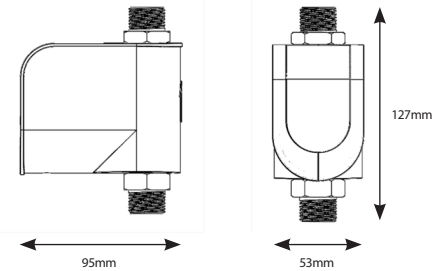
Suitable for mains and gravity fed systems, TapBoost will boost the water flow to a single outlet to 7 - 11 l/min depending on the incoming flow.

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

INSTALLATION



DIMENSIONS



CombiBoost

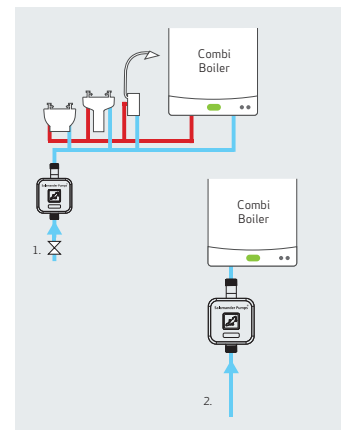
10l
per min



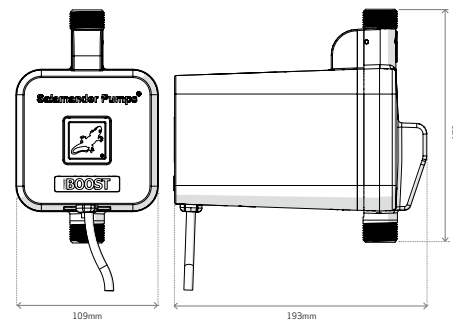
If you have a combi boiler that isn't performing as well as it should be due to poor water pressure and flow, then CombiBoost will help.

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

INSTALLATION



DIMENSIONS



HomeBoost

12l
per min



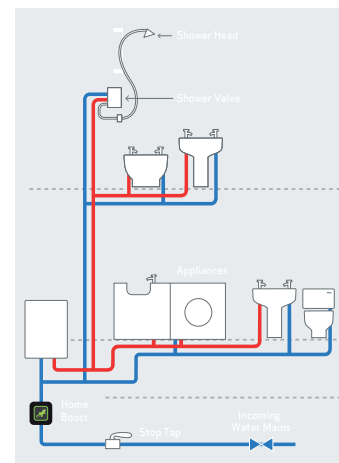
46dBA

HomeBoost is our intelligent inline mains booster pump.

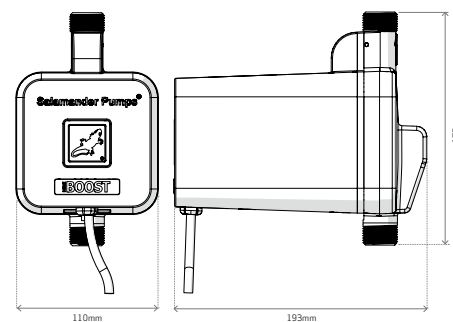
It recognises when water performance is low and quietly boosts water flow to 12 litres per minute.

- Boost mains water flow 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	Warranty	2 Years	1 Year	3 Years
Features	Pump Type	Inline	Inline	Inline
Performance	Litres per Min	7-11l/min (depending on incoming flow)	10l/min	12l/min
	Bar Rating	0.5 bar	1.0 bar	1.6 bar
Motor	Type	Brushless	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
	Enclosure Protection (IP Rating)	IPX4 – Pump, IPX0 – Power supply unit	IPX4	IPX4
Physical	Length	95mm	193mm	193mm
	Width	53mm	109mm	110mm
	Height	127mm	179mm	175mm
	Weight	0.9kg	3.1kg	3.1kg



AccuBoost Vessels




 FROM **28.1dBA***
*WHEN FILLING

An AccuBoost accumulator is an excellent solution for properties requiring more water flow.

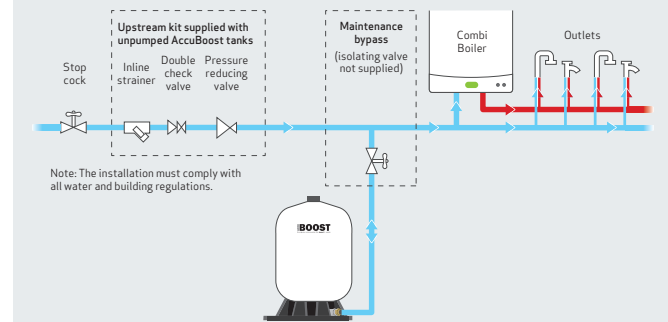
This range gives an extra boost when pressure is above 2.0 bar and flow is above 12 litres per minute, but more water flow is needed in addition to the mains supply.

Available in 5 different sizes, the 60L, 120L and 180L models are suitable for a combi boiler, and the 330L and 450L models are suitable for an unvented system.

- Lightweight, composite material
- Link vessels for additional capacity
- 3 year warranty
- No electrical supply required

INSTALLATION


VESSELS



Code	Description
ACC-060-TNK	AccuBoost combi - 60L accumulator
ACC-120-TNK	AccuBoost combi - 120L accumulator
ACC-180-TNK	AccuBoost combi - 180L accumulator
ACC-330-TNK	AccuBoost unvented - 330L accumulator
ACC-450-TNK	AccuBoost unvented - 450L accumulator

AccuBoost With a Pump



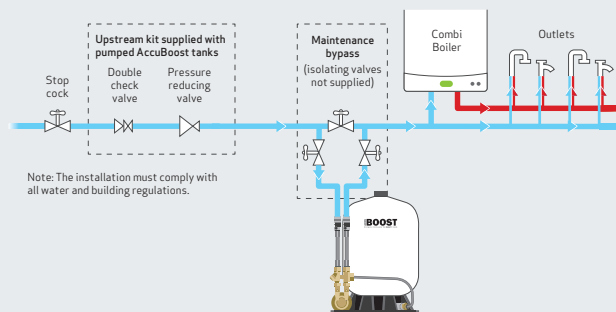

 FROM **61.1dBA***
*WHEN FILLING

AccuBoost models with a pump give an extra boost to mains water flow and pressure.

The AccuBoost range with a pump will boost water performance when the incoming mains water flow and/or pressure is low. The pump will maintain 12 litres per minute in addition to the extra flow provided by the vessel.

INSTALLATION

MODELS WITH A PUMP

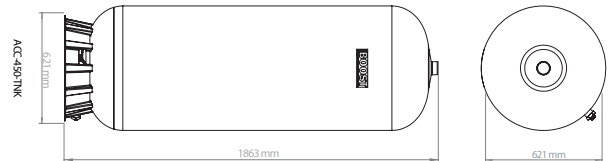
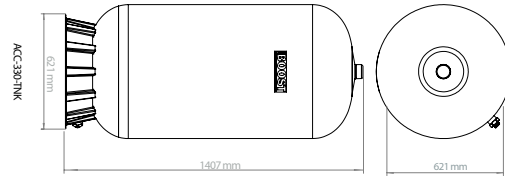
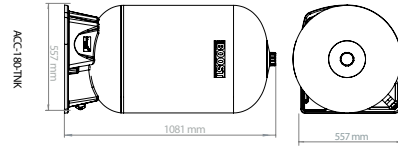
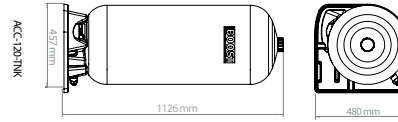
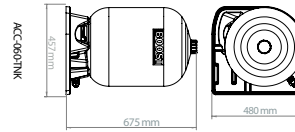


Code	Description
ACC-060-SYS	AccuBoost combi - 60L accumulator with a pump
ACC-120-SYS	AccuBoost combi - 120L accumulator with a pump
ACC-180-SYS	AccuBoost combi - 180L accumulator with a pump
ACC-330-SYS	AccuBoost unvented - 330L accumulator with a pump
ACC-450-SYS	AccuBoost unvented - 450L accumulator with a pump

AccuBoost Vessels

Technical Specification

		ACC-060-TNK	ACC-120-TNK	ACC-180-TNK	ACC-330-TNK	ACC-450-TNK
Warranty		3 Years				
Noise ratings	Noise when filling (from dBA)	35.4	38.9	38.6	30.9	28.1
	Noise when emptying (from dBA)	48.4	53.5	48.0	37.4	37.4
Specification		8.6 Bar				
Maximum Operating Pressure		8.6 Bar				
Vessel Size (Litres)		55	112	178	330	453
Maximum Water Vessel Storage Capacity (Litres)		27.5	56	89	150.5	226.5
Flow Rate (Litres per min, not including natural mains flow)		2	4	6	18	24
Connection Type		3/4" male BSP				
Dimensions	Height (mm)	675	1126	1081	1407	1863
	Width (mm)	457	457	557	621	621
	Depth (mm)	480	480	557	621	621
Weights	Empty Weight (kg)	8.4	13	20.5	35.5	47.2
	Filled Weight (kg)	36	69	109.5	186	273.5
	Maximum Weight (kg)	63.4	125	198.5	336.5	500.2



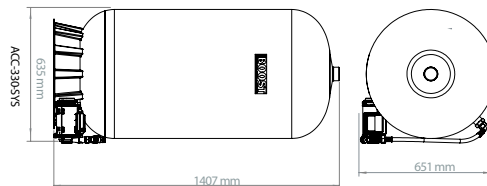
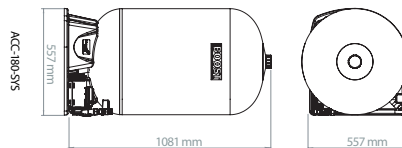
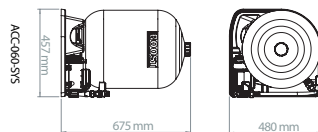
DIMENSIONS

AccuBoost With a Pump

Technical Specification

	ACC-060-SYS	ACC-120-SYS	ACC-180-SYS	ACC-330-SYS	ACC-450-SYS	
Warranty	3 Years					
Noise ratings	Noise when filling (from dBA)	61.9	64.5	63.2	30.9	61.6
	Noise when emptying (from dBA)	60.5	64.1	63.0	37.4	60.6
	Maximum Operating Pressure	8.6 Bar				
Specification	Vessel Size (Litres)	55	112	178	330	453
	Maximum Water Vessel Water Storage Capacity (Litres)	27.5	56	89	150.5	226.5
Dimensions	Height (mm)	675	1126	1081	1407	1863
	Width (mm)	457	457	557	635	635
	Depth (mm)	480	480	557	651	651
Weights	Empty Weight (kg)	15.6	20.2	27.7	42.7	54.4
	Filled Weight (kg)	43.1	76.2	116.7	193.2	280.9
	Maximum Weight (kg)	70.6	132.2	205.7	343.7	507.4
Pump	Pump Type	Regenerative				
	Pump Model	ASSYACCUFORCE				
	Mechanical Seal	PTFE/EPDM/Rubber/Aluminium Oxide				
	Pump body/Impeller	Brass				
Motor	Enclosure Protection	IPX4				
	Type	Capacitor start and run induction motor				
Electrical	Duty Rating	Continuous				
	Power Supply/Phase/Frequency	230V/1/50Hz				
	Current (Full load)	1.4 A				
	Power Consumption	300w				
	Fuse Rating	3A				
Connections	Power Cable	Pre wired with plug				
	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	30l/min	36l/min
	Time at Maximum Flow Rate	9 mins	9 mins	9 mins	9 mins	9 mins
	Minimum Continuous Flow Rate	12l/min	12l/min	12l/min	12l/min	12l/min

Performance values may be higher if mains natural flow is above 12l/min

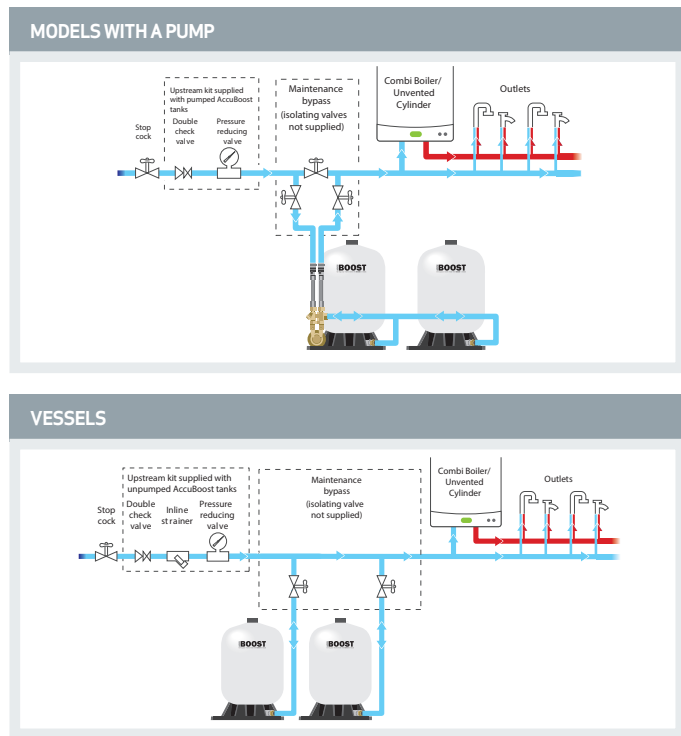


AccuBoost

Linking Multiple Vessels

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

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



Link AccuBoost vessels together to increase capacity

Salamander Pumps' AccuBoost range is flexible to meet requirements. Link two vessels together to increase the capacity of stored water, allowing for a longer run time or greater flow rates.

TankBoost

80L
per min



TankBoost will boost multiple outlets, across multiple floors, all at the same time, in a mains-fed system.

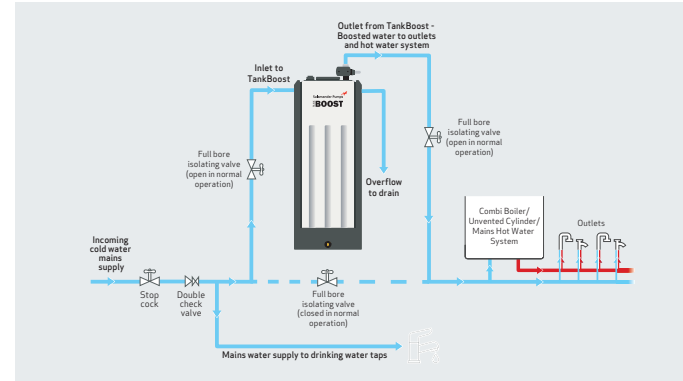
TankBoost is an all-in-one unit made up of a water storage tank and an integrated submerged pump. The stored cold water is boosted by an integral submersible pump to increase both pressure and flow across

the property, delivering up to 3.0 Bar and 80L/min.

Additional water storage units are available to increase capacity.

- Increase water flow up to 80L/min
- Boosts pressure up to 3.0 Bar
- Stainless steel submersible pump
- 2 year warranty

INSTALLATION



Code	Description
TNK-100-SUB	3.0 Bar Mains Water Booster System 100L Tank
TNK-200-SUB	3.0 Bar Mains Water Booster System 200L Tank
TNK-350-SUB	3.0 Bar Mains Water Booster System 350L Tank
TNK-450-SUB	3.0 Bar Mains Water Booster System 450L Tank

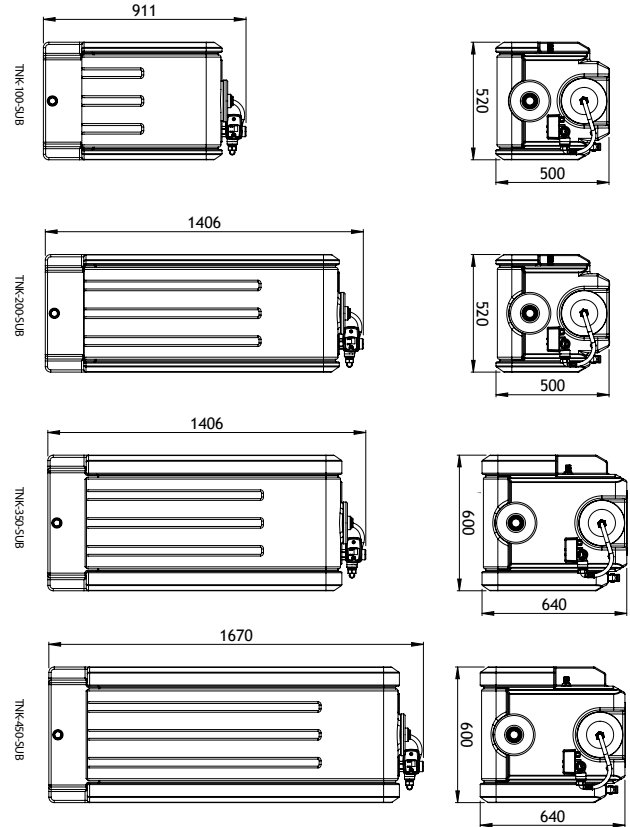


DIMENSIONS

TankBoost

Technical Specification

		TNK-100-SUB	TNK-200-SUB	TNK-350-SUB	TNK-450-SUB
Warranty		2 Years			
Specification	Useable Water Tank Size (Litres)	100	200	350	450
Dimensions	Height (mm)	911	1406	1406	1670
	Width (mm)	520	520	600	600
	Depth (mm)	500	500	640	640
Weights	Empty Weight (kg)	37.9	48.7	61.5	67.0
	Filled Weight (kg)	137.9	248.7	411.5	517.0
Pump	Pump Type	Submersible Centrifugal Multi-Stage Pump			
	Pump Body/Impeller	Stainless Steel			
	Enclosure Protection	IPX8			
Electrical	Power Supply	230V, 50Hz			
	Current (Full load)	4.2A			
	Power Consumption	730w			
	Fuse Rating	5A			
Connections	Inlet Connection	1/2" BSP Male			
	Outlet Connection	1" BSP Female			
Performance	Maximum Pressure	3 Bar/ 300 kPa			
	Maximum Flow Rate	80lpm			
Water temperature		4°C - 20°C			
Pressure vessel		8L Vessel with 1.5 Bar Air Pre-Charge			



TankBoost

Additional Storage



Increase the stored water capacity by linking a primary TankBoost unit to an additional storage tank.

The additional storage tank size must match the primary TankBoost.

Supplied with a fittings kit to allow direct and easy connection to TankBoost.

Code	Description
TNK-100	100L Additional Storage Tank
TNK-200	200L Additional Storage Tank
TNK-350	350L Additional Storage Tank
TNK-450	450L Additional Storage Tank

TankBoost Additional Storage

Technical Specification

Part Number		TNK-100	TNK-200	TNK-350	TNK-450
Warranty		2 years			
Dimensions	Height (mm)	840	1350	1350	1600
	Width (mm)	520	520	600	600
	Depth (mm)	500	500	640	640
Weights	Empty Weight (kg)	22.2	32.9	45.7	51.1
	Filled Weight (kg)	122.2	232.9	395.7	501.1
Connections	Inlet Connection	1/2" BSP Male			
	Linking Connection	Via Linking Kit Supplied			
Water Temperature		4°C - 20°C			



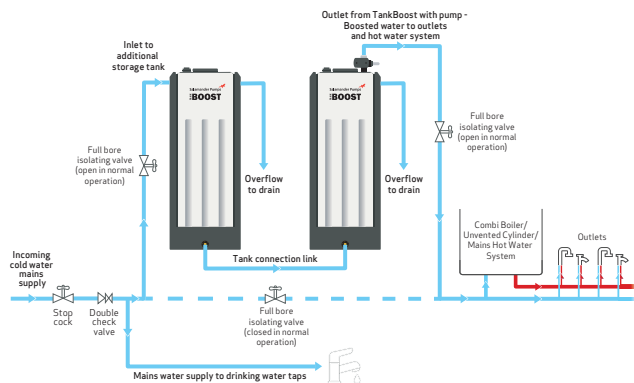
TankBoost

Linking to Additional Storage Units

For those with a particularly low incoming mains supply, we've designed additional storage tanks that can be linked to a TankBoost unit to increase the stored cold-water volume.

Additional storage units are supplied with a 28mm tank linking kit.

INSTALLATION



Additional storage tanks must be the same capacity as the main TankBoost unit.
The tanks must be located next to each other and on the same level.
The total volume of stored water must not be more than will be used in a single day.
The supplied tank connector kit should be used to link the tanks.

MainsBooster

Accessories

Accessories only compatible with Salamander Pumps' MainsBooster range.

Inline Pump Accessories



CHBFIT01

Suitable for HomeBoost and CombiBoost. Inline pump fitting kit. Included in kit: Isolation valve connector, straight connector, set of adapters to allow either 15mm or 22mm pipe connection.



TAPBOOST PSU REPLACEMENT

This pack consists of a power supply unit and a mains power lead. Suitable only for Salamander Pumps' TapBoost.

AccuBoost Accessories



ACC-UPG-KIT

Upgrade an accumulator vessel to a model with a pump.



FLO-RES-KIT

Allows the flow rate from AccuBoost to be adjusted.



TNK-CON-KIT

Connect multiple AccuBoost vessels together.



TNK-HOSE

Replacement vessel hose.

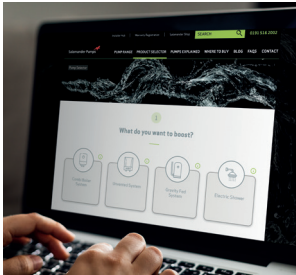
Customer Experience

At Salamander Pumps we put the customer at the centre of everything we do. Our aim is to make the selection, installation and operation 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



Website

The new Salamander Pumps website has been developed to offer you support before, during and after installing our products, with helpful articles to guide you through choosing the right product, FAQs covering all common questions we get around installation and videos to guide you through post installation queries.



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.

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 a 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

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



salamanderpumps.co.uk

**MADE IN
BRITAIN** 



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