

Salamander Pumps 

# Mains Booster

## RANGE



A range of product solutions to boost mains water 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](http://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.



# TapBoost

7-11l  
per min\*

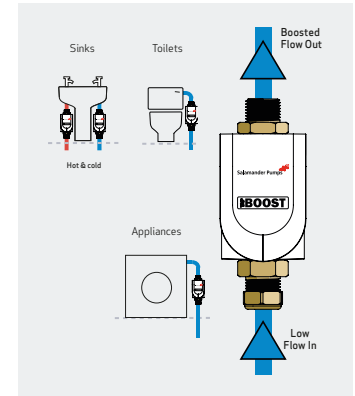


TapBoost provides an easy to install, cost-effective solution when a single outlet suffers with poor water flow.

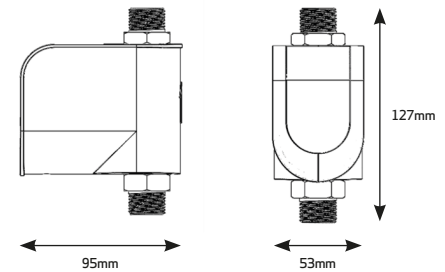
Suitable for mains fed and positive head, gravity fed systems, TapBoost will boost the water flow to a single outlet to 7-11 l/min depending on the incoming flow.

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

## INSTALLATION



## DIMENSIONS



 **34.2dBA**

\*Varies depending on incoming flow.

# CombiBoost

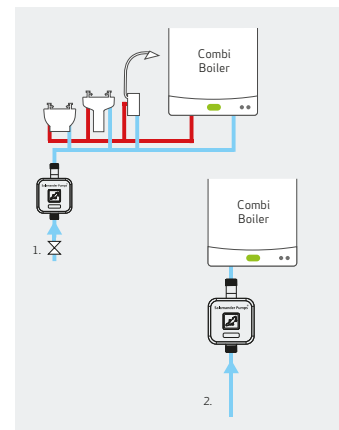
10l  
per min



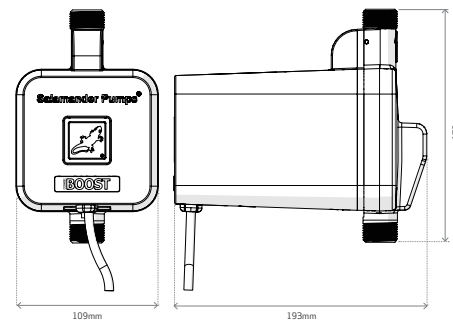
If you have a combi boiler that isn't performing as well as it should be due to poor water pressure and flow, then CombiBoost will help.

- 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

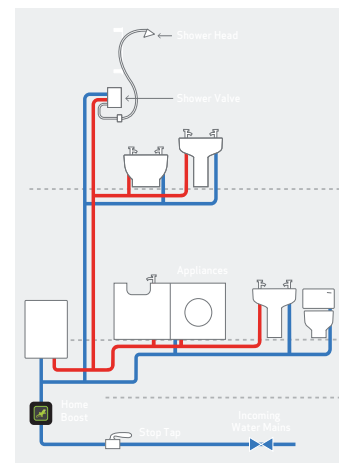


HomeBoost is our intelligent inline mains booster pump.

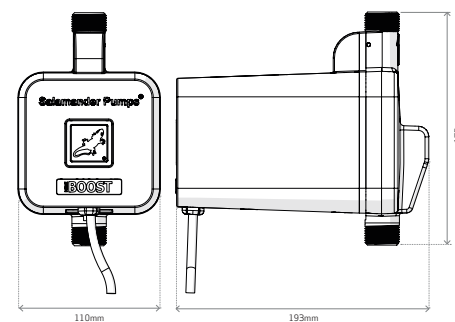
It recognises when water performance is low and quietly boosts water flow to 12 litres per minute.

- 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
<b>General</b>	Warranty	2 Years	1 Year	3 Years
<b>Features</b>	Pump Type	Inline	Inline	Inline
<b>Performance</b>	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
<b>Motor</b>	Type	Brushless	Brushless	Brushless
	Duty Rating	Continuously rated	Continuously rated	Continuously rated
	Noise Rating	34.2dBA	N/A	46dBA
<b>Electrical</b>	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
<b>Physical</b>	Length	95mm	193mm	193mm
	Width	53mm	109mm	110mm
	Height	127mm	179mm	175mm
	Weight	0.9kg	3.1kg	3.1kg



# AccuBoost Vessels



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

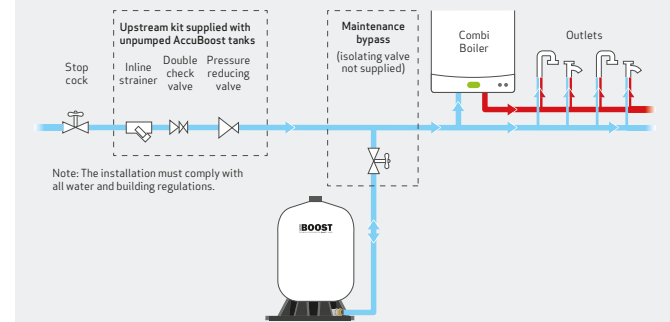
When mains water pressure is above 2.0 bar but additional water storage capacity is needed to meet short term peaks in demand, choose an unpumped option.

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.

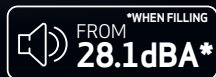
- Lightweight, composite material
- Link vessels for additional capacity
- 3 year warranty
- No electrical supply required

## 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




 \*WHEN FILLING  
 FROM  
**61.1dBA\***

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

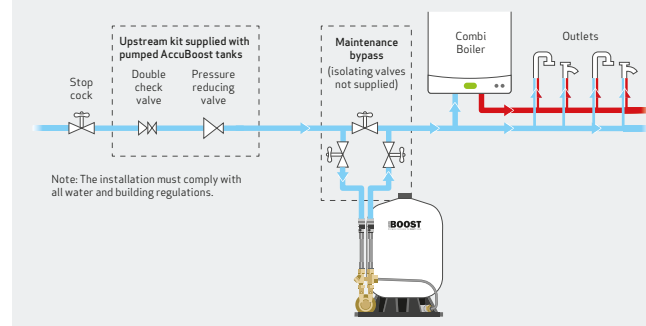
When mains water flow is low and pressure is below 2.0 bar, a pumped model will increase pressure and maintain a flow of at least 12 L/min in addition to the extra flow provided by the vessel.

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

## INSTALLATION

### MODELS WITH A PUMP

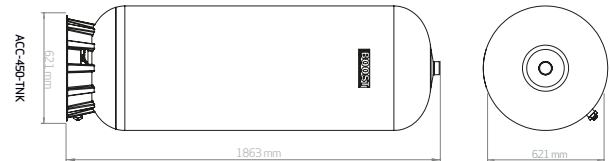
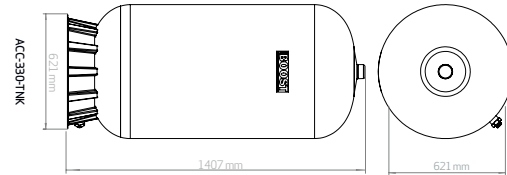
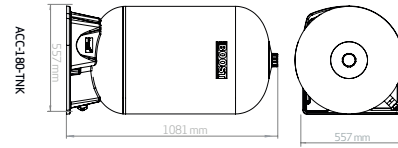
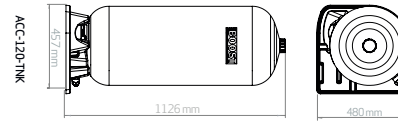
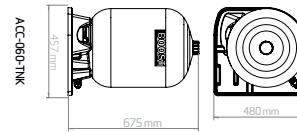


Code	Description
ACC-060-SYS	AccuBoost combi - 60L accumulator with a pump
ACC-120-SYS	AccuBoost combi - 120L accumulator with a pump
ACC-180-SYS	AccuBoost combi - 180L accumulator with a pump
ACC-330-SYS	AccuBoost unvented - 330L accumulator with a pump
ACC-450-SYS	AccuBoost unvented - 450L accumulator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

# AccuBoost Vessels

## Technical Specification

		ACC-060-TNK	ACC-120-TNK	ACC-180-TNK	ACC-330-TNK	ACC-450-TNK
<b>Warranty</b>		3 Years				
<b>Noise ratings</b>	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
<b>Specification</b>		8.6 Bar				
Vessel Size (Litres)		55	112	178	330	453
Maximum Water Vessel Water Storage Capacity (Litres)		27.5	56	89	150.5	226.5
Flow Rate (Litres per min, not including natural mains flow)		4	4	6	24	24
Connection Type		3/4" male BSP				
<b>Dimensions</b>	Height (mm)	675	1126	1081	1407	1863
	Width (mm)	457	457	557	621	621
	Depth (mm)	480	480	557	621	621
<b>Weights</b>	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

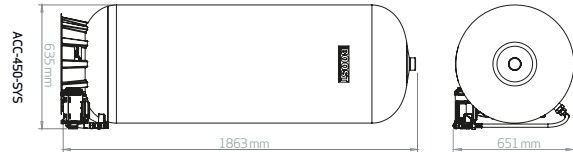
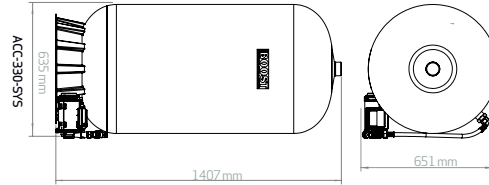
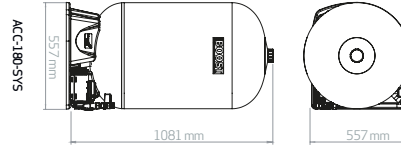
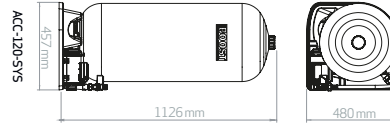
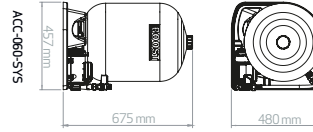


DIMENSIONS

# AccuBoost With a Pump Technical Specification

	ACC-060-SYS	ACC-120-SYS	ACC-180-SYS	ACC-330-SYS	ACC-450-SYS	
<b>Warranty</b>	3 Years					
<b>Noise ratings</b>	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
<b>Specification</b>	Vessel Size (Litres)	55	112	178	330	453
	Maximum Water Vessel Water Storage Capacity (Litres)	27.5	56	89	150.5	226.5
<b>Dimensions</b>	Height (mm)	675	1126	1081	1407	1863
	Width (mm)	457	457	557	635	635
	Depth (mm)	480	480	557	651	651
<b>Weights</b>	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
<b>Pump</b>	Pump Type	Regenerative				
	Pump Model	ASSYACCUFORCE				
	Mechanical Seal	PTFE/EPDM Rubber/Aluminium Oxide				
	Pump body/Impeller	Brass				
<b>Motor</b>	Enclosure Protection	IPX4				
	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	300w				
	Fuse Rating	3A				
<b>Connections</b>	Power Cable	Pre wired with plug				
	Pump	3/4" male BSP				
	Anti vibration Couplers	3/4" female BSP - 22m push-in				
<b>Performance</b>	Maximum Head	3 bar				
	Maximum Flow Rate	16l/min	16l/min	18l/min	36l/min	36l/min
	Time at Maximum Flow Rate	7 mins	9 mins	9 mins	4 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



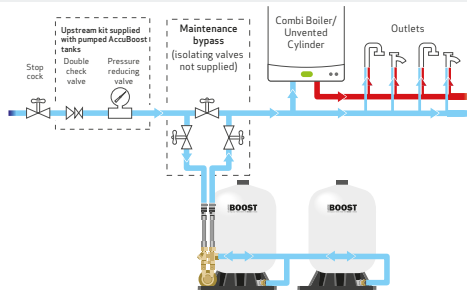
# AccuBoost

## Linking Multiple Vessels

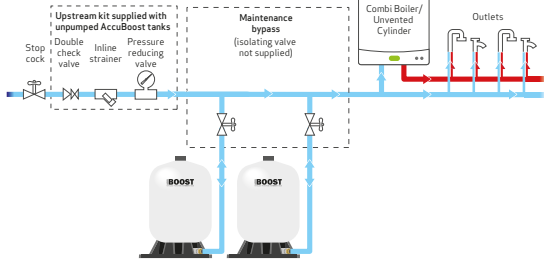
If additional water storage capacity is required, multiple vessels can be installed in a system, only one pump can be fitted per installation.

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

### MODELS WITH A PUMP



### VESSELS



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



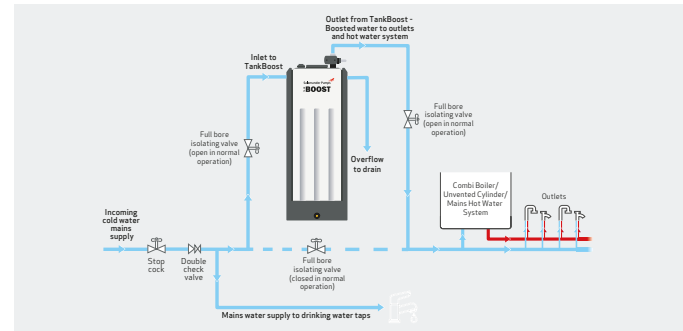
TankBoost will boost multiple outlets, across multiple floors, all at the same time, in a mains-fed system.

TankBoost is an all-in-one unit made up of a water storage tank and an integrated submersible 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

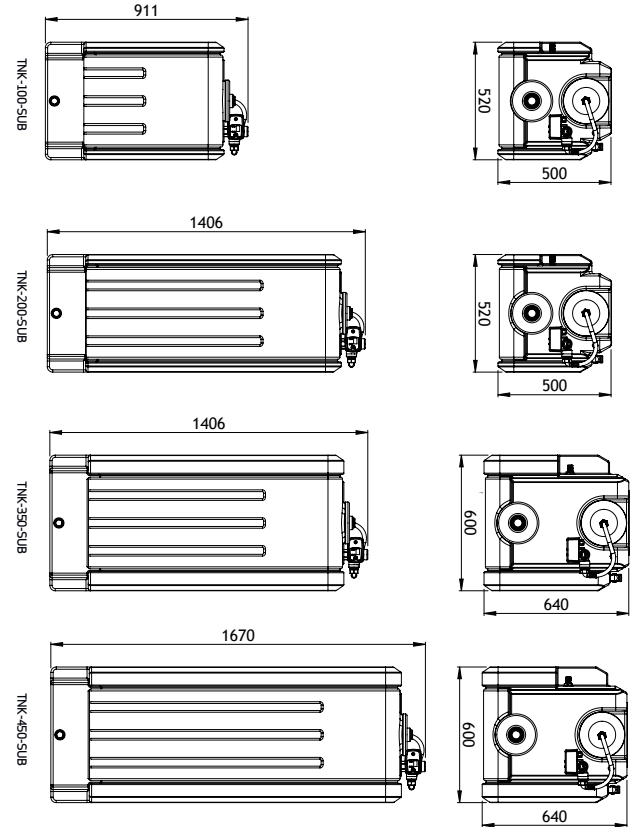


## DIMENSIONS

# TankBoost

## Technical Specification

	TNK-100-SUB	TNK-200-SUB	TNK-350-SUB	TNK-450-SUB
<b>Warranty</b>	2 Years			
<b>Specification</b>	Useable Water Tank Size (Litres)			
	100	200	350	450
<b>Dimensions</b>	Height (mm)			
	911	1406	1406	1670
	Width (mm)			
	520	520	600	600
	Depth (mm)			
	500	500	640	640
<b>Weights</b>	Empty Weight (kg)			
	37.9	48.7	61.5	67.0
	Filled Weight (kg)			
	137.9	248.7	411.5	517.0
<b>Pump</b>	Pump Type			
	Submersible Centrifugal Multi-Stage Pump			
	Pump Body/Impeller			
	Stainless Steel			
	Enclosure Protection			
	IPX8			
	Power Supply			
	230V, 50Hz			
<b>Electrical</b>	Current (Full load)			
	4.2A			
	Power Consumption			
	730w			
	Fuse Rating			
	5A			
<b>Connections</b>	Inlet Connection			
	1/2" BSP Male			
	Outlet Connection			
	1" BSP Female			
<b>Performance</b>	Maximum Pressure			
	3 Bar/ 300 kPa			
	Maximum Flow Rate			
	80lpm			
<b>Water temperature</b>	4°C - 20°C			
<b>Pressure vessel</b>	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	
<b>Warranty</b>	2 years				
<b>Dimensions</b>	Height (mm)	840	1350	1350	1600
	Width (mm)	520	520	600	600
	Depth (mm)	500	500	640	640
<b>Weights</b>	Empty Weight (kg)	22.2	32.9	45.7	51.1
	Filled Weight (kg)	122.2	232.9	395.7	501.1
<b>Connections</b>	Inlet Connection	1/2" BSP Male			
	Linking Connection	Via Linking Kit Supplied			
<b>Water Temperature</b>	4°C - 20°C				



# TankBoost CAT5



TankBoost CAT5 models for applications where additional protection against contamination is required.

The type AB air gap with weir overflow prevents water from the tank going back

into the mains water supply.

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

CAT5 additional water storage units are available to increase capacity.

Code	Description
TNK-100-SUBC5	3.0 Bar Mains Water Booster System 100L Tank CAT5
TNK-200-SUBC5	3.0 Bar Mains Water Booster System 200L Tank CAT5
TNK-350-SUBC5	3.0 Bar Mains Water Booster System 350L Tank CAT5
TNK-450-SUBC5	3.0 Bar Mains Water Booster System 450L Tank CAT5

## TankBoost CAT5 Technical Specification

	TNK-100-SUBC5	TNK-200-SUBC5	TNK-350-SUBC5	TNK-450-SUBC5
<b>Warranty</b>	2 Years			
<b>Specification</b>	Useable Water Tank Size (Litres)			
	100	200	350	450
<b>Dimensions</b>	Height (mm)			
	911	1406	1406	1670
	Width (mm)			
	562	562	642	642
	Depth (mm)			
	500	500	640	640
<b>Weights</b>	Empty Weight (kg)			
	37.9	48.7	61.5	67.0
	Filled Weight (kg)			
	137.9	248.7	411.5	517.0
	Pump Body/Impeller			
	Stainless Steel			
	Enclosure Protection			
	IPX8			
	Power Supply			
	230V, 50Hz			
<b>Electrical</b>	Current (Full load)/ Power Consumption			
	4.2A / 730w			
	Fuse Rating			
	5A			
<b>Connections</b>	Inlet Connection			
	1/2" BSP Male			
	Outlet Connection			
	1" BSP Female			
<b>Performance</b>	Maximum Pressure			
	3 Bar / 300 kPa			
	Maximum Flow Rate			
	80lpm			
<b>Protection</b>	Type AB			
<b>Pressure vessel</b>	8L Vessel with 1.5 Bar Air Pre-Charge			



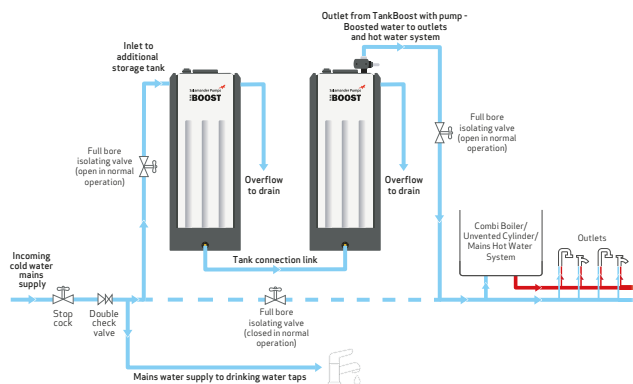
## TankBoost

### 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



#### HomeBoost Fittings Kit (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 Replacement Power Supply Unit

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

#### AccuBoost Accessories



#### AccuBoost Accumulator Pump Upgrade Kit (ACC-UPG-KIT)

Upgrade a unpumped AccuBoost accumulator vessel to a pumped accumulator vessel with this pump upgrade kit.



#### AccuBoost Accumulator Vessel Flow Restrictor Kit (FLO-RES-KIT)

Allows the flow rate from AccuBoost to be adjusted.



#### AccuBoost Vessel Connector Kit (TNK-CON-KIT)

AccuBoost vessel connector kit, allowing you to connect multiple tanks together.



#### AccuBoost Accumulator Replacement Vessel Hose (TNK-HOSE)

AccuBoost Accumulator Vessel Replacement Tank Hose

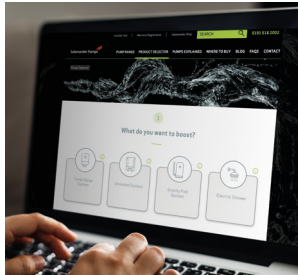
# Customer Experience

At Salamander Pumps we put the customer at the centre of everything we do. Our aim is to make the selection, installation and 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](http://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](http://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](http://www.salamanderpumps.co.uk/terms.php)



# Get in touch, we're here to help

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