

aquaboost

Aquaboost has the unique capability to provide bespoke packaged systems designed and built specifically to suit individual project requirements along with a comprehensive range of integrated water boosting solutions designed for large domestic and commercial applications

The possibilities are endless, our highly experienced team can help you find the right solution.

An extensive range of integrated water boosting systems, including the innovative iBoost along with pump and pressure sets.

Aquaboost systems are designed to suit a variety of large domestic and commercial applications, with specialised bespoke options available.

Bespoke
Plant room
Kiosk
Subterranean
Framed
Integrated

Packaged pump solutions

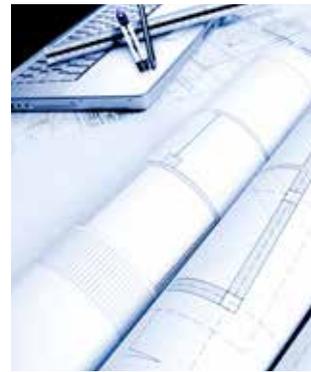
Bespoke packaged pump systems

Aquaboost bespoke packaged pump systems are designed and built to individual customer and project requirements. They can be supplied for plant rooms on standard bases or 'framed', supplied in above ground GRP cabinets or alternatively within subterranean pods and incorporate water storage if required.

We aim to help you at every stage of the project. Our dedicated team of professionals ensure that every project meets your requirements and is completed on time and on budget.

Design Expertise

Our expert team can conduct a full site survey and detailed analysis of the performance requirements of the intended system, to produce a system specification and fully costed proposal. All our systems are custom designed in-house using the latest CAD software to develop, evaluate and aid the design of the most efficient system for your specific needs.



Manufacturing Excellence

We have invested in the latest production and manufacturing systems which ensure we work to the highest quality standards. This guarantees our system reliability whilst at the same time minimising costs, working efficiently and delivering on time and in full.

Installation and Commissioning

We provide a full commissioning service on all our packaged pump systems. We are also available to assist with the installation of your system should you require our technical help or simply our practical expertise.

Maintenance and Support

Ongoing maintenance is a cost effective answer to prolonging the life of your bespoke packaged pump system and maximising its operational efficiency. All our systems come with a one year guarantee and to ensure the system continues to operate effectively and reliably we can also offer a comprehensive maintenance and support contract.



Stuart Turner is ISO 9001 accredited for both the design and manufacture of bespoke packaged pump systems.

aquaboost **bespoke**

At Stuart Turner we offer innovative ideas which are engineered to excel, producing the highest quality products for your application. Our product knowledge and manufacturing capability allows us to offer bespoke packaged pump systems designed and built to individual customer and project requirements.

Stuart Turner booster sets utilise premium quality vertical or horizontal multistage pumps controlled by our own designed and engineered energy efficient digital pump controllers.



Pump Options

Booster sets typically feature from one to six fixed or variable speed multistage pumps. Stuart Turner manufacture a comprehensive range of high quality brass and stainless steel pumps, however, we also work with other leading pump manufacturers to ensure the most appropriate pumps are selected for your project.

- 1 - 6 multistage pump options
- Fixed or variable speed
- Premium quality - reliability guaranteed



Advanced Pump Controls

It is essential to have an effective, responsive and reliable control system. Stuart Turner booster set systems utilise next generation pump controls designed and developed in-house. Our pump controls are constantly monitoring the pumps and the system performance using adaptive self-tuning algorithms to ensure a smooth and reliable pump control and providing a full fault finding diagnostic.

- Utilises next generation technology
- System responsive control
- Designed and developed in-house - reliability guaranteed

To find out more or discuss your requirements please contact: info@stpumps.co.uk



"Stuart Turner are renowned for their engineering ability and manufacturing know how...The possibilities are endless."



Plant Room Booster Set Systems

Booster sets are designed to fit within an existing or new plant room. Stuart Turner can design and manufacture booster sets to suit all kinds of unusual and confined spaces. Our capabilities and flexible approach often sets us apart from the competition.



Framed Booster Set Systems

Framed booster sets and structural tank stands designed to meet the most demanding of applications. Available with one piece or sectional tanks up to 6000 litres capacity and multi pump booster sets all incorporated onto bespoke framework to meet specific site dimensions.



Cabinet Booster Set Systems

Where it is not possible to install a booster set within the property, Stuart Turner can offer a packaged pump system housed within a freestanding powder coated cabinet or high quality GRP kiosk. Supplied with optional lights, heating and water treatment equipment all designed to withstand the harshest weather conditions.



Subterranean Booster Set Systems

Completely enclosed and watertight, subterranean pods offer a unique alternative to a plant room and combine a pump system with a category 4 GRP cold water storage tank with up to 12,500 litres capacity. Specifically designed to suit the building requirements, they are installed externally to maximise available floor space and minimise noise transfer.



Cold Water Storage Tanks

An extensive range of standard or bespoke one piece, two piece and sectional panel water storage tanks. Manufactured from durable Glass Reinforced Plastic (GRP) these superior tanks present a long lasting and cost effective solution for storage of cold water for potable and non-potable use.

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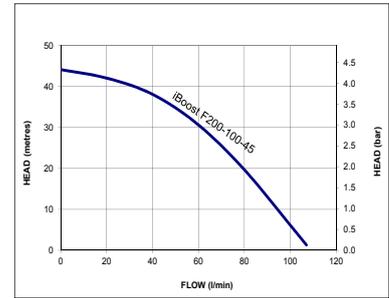
For further information contact:
info@stpumps.co.uk

aquaboost integrated



Aquaboost iBoost

Ideally suited for high occupancy properties with multiple bathrooms and water using appliances. Aquaboost iBoost provides an unrestricted supply at up to 100 litres per minute and 4.5 bar pressure, with a typical performance of 60 litres per minute at 3.0 bar pressure. This reliable compact system will sit neatly within any standard 600 mm kitchen larder cupboard or alongside other household white goods.



Part No	Model	Max Flow ltrs/min	Max Head metres
46668	iBoost F200-100-45	100	45



"iBoost provides an innovative solution in an easy to install, compact and complete package that fits within a 600 mm larder cupboard"



A range of integrated water boosting solutions designed to optimise space and provide a very quiet, simple to install package for both large domestic and commercial applications.



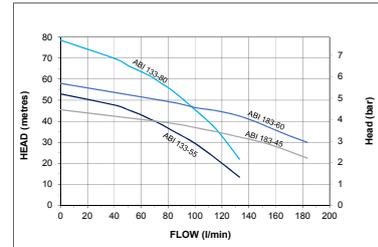
Aquaboost In-Tank

The Aquaboost range of automatic variable speed 'In-Tank' booster systems offers a compact, very quiet and simple to install solution for a range of domestic and commercial applications. Available with 600 - 1500 litre capacity, with flow rates up to 266 litres/minute and heads up to 80 metres.

In-Tank booster systems can be configured for duty assist or duty standby modes.

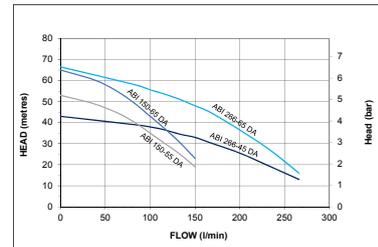
Part No	Model	Max Flow ltrs/min	Max Head metres
Single			
46694	ABI V600-133-55	133	55
46695	ABI V600-133-80	133	80
46698	ABI V1000-133-55	133	55
46699	ABI V1000-133-80	133	80
46700	ABI V1000-183-45	183	45
46707	ABI V1000-183-60	183	60

Bespoke options available on request



Part No	Model	Max Flow ltrs/min	Max Head metres
Twin			
46696	ABI V600-150-55-DA	150	55
46697	ABI V600-150-65-DA	150	65
46701	ABI V1000-150-55-DA	150	55
46702	ABI V1000-150-65-DA	150	65
46703	ABI V1000-266-45-DA	266	45
46708	ABI V1000-266-65-DA	266	65
46704	ABI V1500-150-55-DA	150	55
46705	ABI V1500-150-65-DA	150	65
46706	ABI V1500-266-45-DA	266	45
46709	ABI V1500-266-65-DA	266	65

Bespoke options available on request

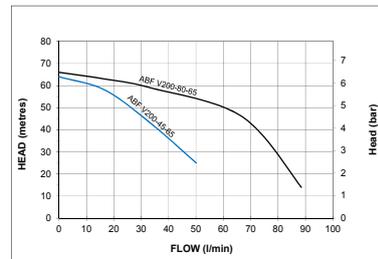


Aquaboost Framed Booster System

Offers variable speed pump technology to maintain constant pressure and flow when multiple outlets are operational. Available in tank sizes 50 - 200 litres and flow rates up to 80 litres per minute.

Part No	Model	Max Flow ltrs/min	Max Head metres
46690	ABF V200-45-65	45	65
46691	ABF V200-80-65	80	65

Bespoke options available on request



Full technical data sheets are available to download:
www.stuart-turner.co.uk

For further advice on selecting the correct pump call:

pumpassist

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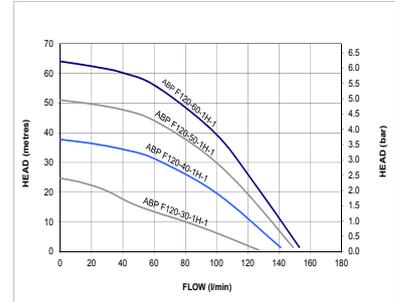
aquaboost standard



Aquaboost Pressure Set

Designed to meet system demands in larger domestic and light commercial applications. The multistage pump is mounted on to a WRAS Approved 24 litre diaphragm tank providing a buffer of pressurised stored water. Ideally suited to boosting stored cold water supplies to un-vented hot water cylinders/combination boilers where there is low or no mains water supply. Supplied with G 1 flexible hoses and adaptors.

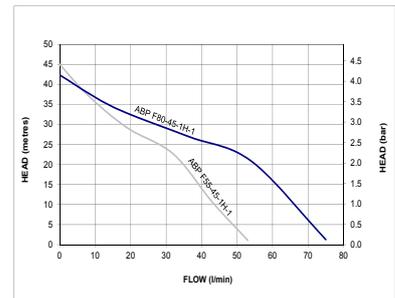
Part No	Model	Max Flow ltrs/min	Max Head metres
46601	ABP F120-30-1H-1	127	30
46602	ABP F120-40-1H-1	141	40
44622	ABP F120-50-1H-1	150	50
44624	ABP F120-60-1H-1	153	60



Aquaboost Pressure Set

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern in either a positive or negative head application. Jet Pressure Sets include a 24 litre diaphragm tank providing a buffer of 12 litres of pressurised stored water and are supplied with a power lead fitted with a 13 amp fused plug. The range is suitable for general purpose use, pumping cold water.

Part No	Model	Max Flow ltrs/min	Max Head metres
46617	ABP F55-45-1H-1	55	45
46618	ABP F80-45-1H-1	80	45



"aquaboost provides water boosting solutions in a simple to install complete package."



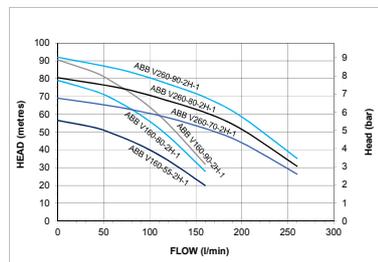
A range of standard pressure and booster sets, all designed to provide higher water pressure and flow to multiple outlets and supplied ready to install.



Aquaboost Horizontal Booster Set

The Aquaboost Horizontal Booster Set offers variable speed twin pump units capable of boosting cold water at up to 260 ltrs/minute or up to 9.0 bar pressure in light commercial applications.

Aquaboost booster sets can be configured for duty assist or duty standby modes.



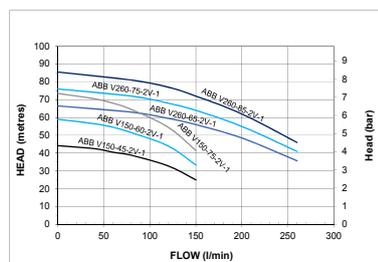
Part No	Model	Max Flow ltrs/min	Max Head metres
46678	ABB V160-55-2H-1	160	55
46679	ABB V160-80-2H-1	160	80
46680	ABB V160-90-2H-1	160	90
46681	ABB V260-70-2H-1	260	70
46682	ABB V260-80-2H-1	260	80
46683	ABB V260-90-2H-1	260	90



Aquaboost Vertical Booster Set

The Aquaboost Vertical Booster Set offers variable speed twin pump units capable of boosting cold water at up to 260 ltrs/minute or up to 8.5 bar pressure in light commercial applications.

Aquaboost booster sets can be configured for duty assist or duty standby modes.



Part No	Model	Max Flow ltrs/min	Max Head metres
46684	ABB V150-45-2V-1	150	45
46685	ABB V150-60-2V-1	150	60
46686	ABB V150-75-2V-1	150	75
46687	ABB V260-65-2V-1	260	65
46688	ABB V260-75-2V-1	260	75
46689	ABB V260-85-2V-1	260	85

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aquaboost CAT 5

CAT 5 offers an alternative when boosting mains water pressure and flow in situations where contamination from serious health risk category 5 fluids exists

The Aquaboost range of CAT 5 units feature a type AB air gap and weir overflow to ensure they are suitable for use where a health hazard due to pathogenic or toxic substances may be present. The range complies with all current water regulations, are CE certified and manufactured with WRAS approved materials.

Typical Category 5 Applications include:

- Laboratories
- Garden irrigation
- Dry cleaning facilities
- Stables and kennels
- Bin store wash down equipment
- Mortuary and embalming equipment
- Butchery and slaughter-house equipment
- Care home sluice sinks



Packaged pump solutions

Features and benefits

Performance

- Up to 4.5 bar pressure
- Up to 100 litres/minute
- High capacity fill valve
- Quiet operation
- Automatic switching
- Dry run protection
- Continuously rated

Quality

- UK water regulations compliant
- ISO 9001:2015
- BS EN 60335 compliant
- CE compliant

Reliability

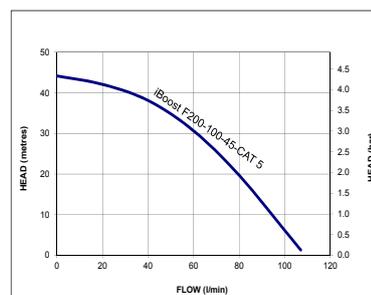
- Industry leading guarantee
- Robust brass construction
- Long life mechanical seal

Aquaboost CAT 5 systems are supplied as a complete fully packaged product for ease of installation.



Aquaboost iBoost CAT 5

Aquaboost iBoost CAT 5 water pressure and flow boosting system features a weir overflow making it suitable for use in commercial applications where the risk of back flow contamination from Category 5 fluids exists. Designed to provide an unrestricted supply at up to 100 litres per minute or 4.5 bar pressure, with a typical performance of 60 litres per minute at 3.0 bar pressure.

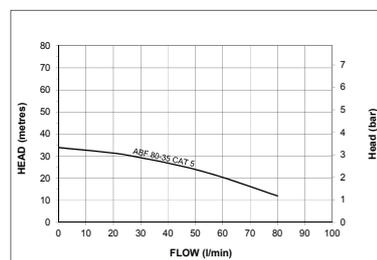


Part No	Model	Max Flow ltrs/min	Max Head metres
46677	iBoost F200-100-45-CAT 5	100	45



Aquaboost Framed Booster CAT 5

Featuring a weir overflow making it suitable for use in commercial applications where the risk of back flow contamination from Category 5 fluids exists. Aquaboost Framed Booster CAT 5 offers fixed speed pump technology to maintain constant pressure and flow when multiple outlets are operational. Available in tank sizes 50 -100 litres and flow rates up to 80 litres per minute.



Part No	Model	Max Flow ltrs/min	Max Head metres
46692	ABF F50-80-35-CAT 5	80	35
46693	ABF F100-80-35-CAT 5	80	35

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