

stuart

Stuart offers a diverse choice of over fifty pumps from seven ranges to suit a variety of commercial environments, with bespoke options available for more specialised applications.

Most installations can be satisfied from our standard range of products which can be found over the following pages. However if you need a more tailored solution, Stuart Turner's unique manufacturing facility, combined with over 100 years of unrivalled technical expertise means we can provide customised solutions specifically aimed at the commercial and OEM markets.

Features and benefits

Performance

- Flow rates up to 210 litres/minute
- Heads up to 62 metres
- Centrifugal or peripheral options
- Automatic flow switch options
- Boostamatic pressure switch options
- Range of seal options

Quality

- ISO 9001:2008
- BS 60335 compliant
- CE compliant

Reliability

- 1 year guarantee
- Robust construction
- Fully serviceable*



Our commercial sales team will be happy to discuss your requirements. Telephone 01491 572655 or e-mail info@stpumps.co.uk

* With the exception of the Submersible pump range.

Every pump within the **Stuart range** has been designed to provide high levels of performance, quality and reliability.

Over 100 years of unrivalled engineering and technical excellence.



CH range
Pages 58 - 59



Submersible range
Pages 60 - 63



Jet range
Pages 64 - 65

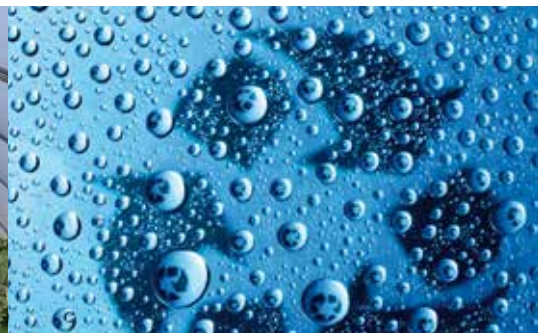
Commercial product range



marine



horticulture



recycling



leisure



bespoke



medical



commercial



transport



MoD



PH TS range
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PH ES range
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CH range

Centrifugal Horizontal Multistage Pumps

The CH range of brass and stainless steel pumps provide a high quality and reliable solution for applications that require high flow rates and high heads.

The range includes Automatic Flow Switch and Boostamatic Pressure Switch versions.

2-5 stage pumps are available providing flow rates of up to 160 litres/minute and heads up to 62 metres.

Pump connection sizes:

Inlet G 1¼ Female

Outlet G 1 Female

Motor specification: 230/1/50

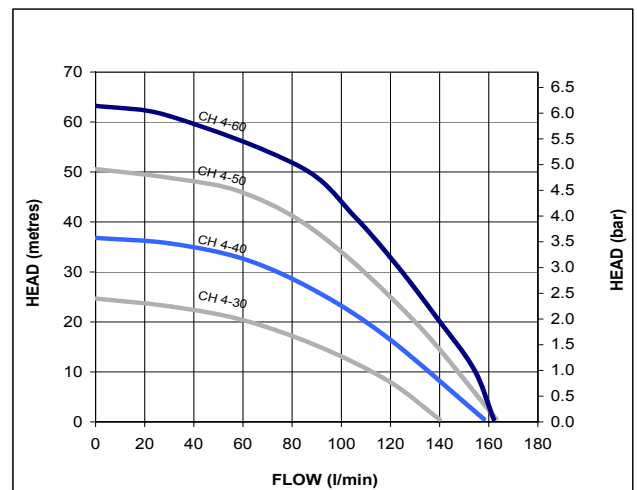


CH

The CH range of pumps are the ideal base unit for pressure boosting sets or for applications where long pipe runs or high heads may be involved. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46553	CH 4-30	S/Steel	Car/Cer
46554	CH 4-40	S/Steel	Car/Cer
46555	CH 4-50	S/Steel	Car/Cer
46556	CH 4-60	S/Steel	Car/Cer



Key to seal options

Car/Cer - Carbon/Ceramic
Long life seal suitable for general purpose applications

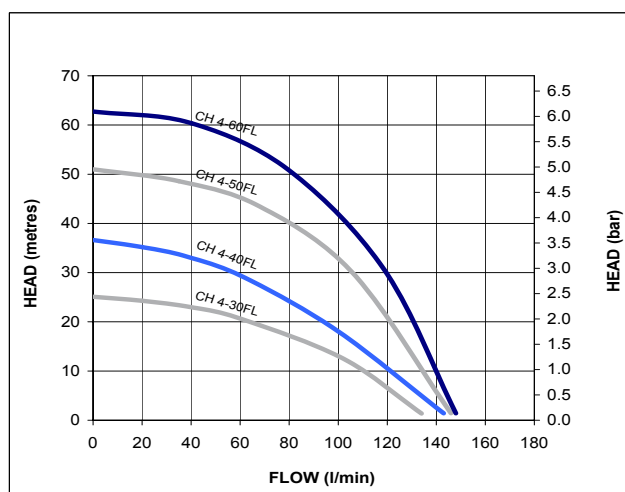
Commercial product range

CH Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46578	CH 4-30 FL	S/Steel	Car/Cer
46596	CH 4-40 FL	S/Steel	Car/Cer
46605	CH 4-50 FL	S/Steel	Car/Cer
46606	CH 4-60 FL	S/Steel	Car/Cer

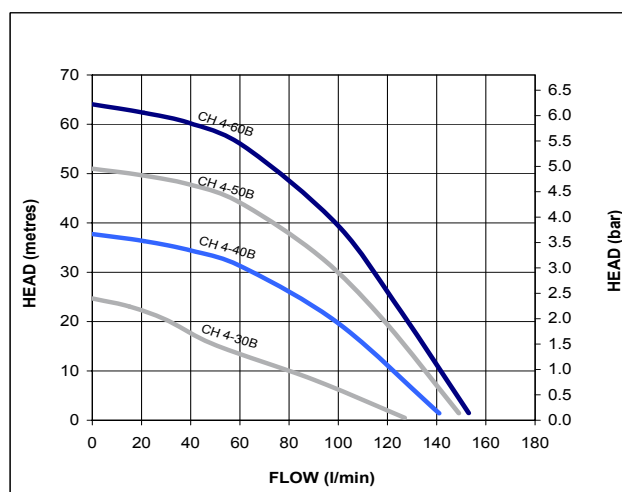


CH Boostamatic Pressure Switch

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46607	CH 4-30 B	S/Steel	Car/Cer
46608	CH 4-40 B	S/Steel	Car/Cer
46609	CH 4-50 B	S/Steel	Car/Cer
46610	CH 4-60 B	S/Steel	Car/Cer



Full technical data sheets are available to download
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Submersible range Supersub and Supervort

The five Supersub and Supervort models are designed for the transference of non foul water and are suitable for use with both clean and grey water.

The entire range feature stainless steel motor shells, are compact in design, easy to install and come complete with float switches and stepped hose connector (25 mm, 32 mm or 38 mm)

Motor specification: 230/1/50



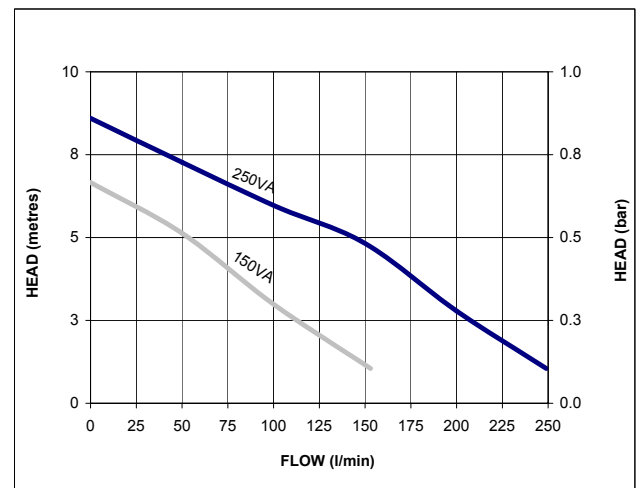
Supersub 150VA and 250VA

Designed to pump solids up to 5 mm and can be used in either automatic or manual modes. Complete with integral float switch. The Supersub 250VA can also be supplied within a flood kit.

The flood kit contains a Supersub 250VA submersible pump, a reusable plastic container, 15 m of lay-flat hose and hose connector.



Part No	Model	Impeller	Seal
46538	Supersub 150VA	Plastic	Double Lip
46539	Supersub 250VA	Plastic	Double Lip
46638	Flood Kit	Refer to technical data sheet	



Key to seal options

- Double Lip
- Long life nitrile seal

Stuart Turner also offer Lay Flat Hoses, compatible with our submersible range. Details can be found on the accessories page. See page 74

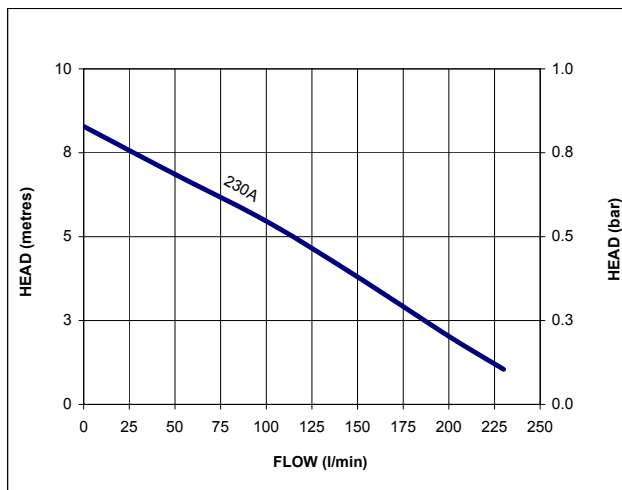
Commercial product range

Supersub 230A

Designed to pump solids up to 5 mm and supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46540	Supersub 230A	Plastic	Double Lip

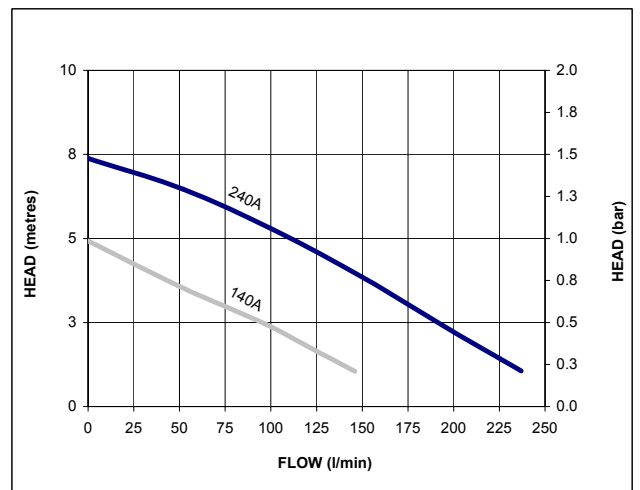


Supervort 140A and 240A

Designed to pump solids up to 20 mm and supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46541	Supervort 140A	Plastic	Double Lip
46542	Supervort 240A	Plastic	Double Lip



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Submersible range

Diver Pumps

Diver pumps are ideal for applications where pressure is needed such as sprinklers or pumping up to storage tanks. Diver pumps are suitable for clean water only. The entire range feature stainless steel motor shells, are compact in design and easy to install.

All diver pumps include an externally fitted float switch and 25 mm hose connector.

Boostomatic options are also supplied with an Automatic Control Module.

Motor specification: 230/1/50



Key to seal options

Nit/Car/Cer

Nitrile/Carbon/Ceramic

Long life seal

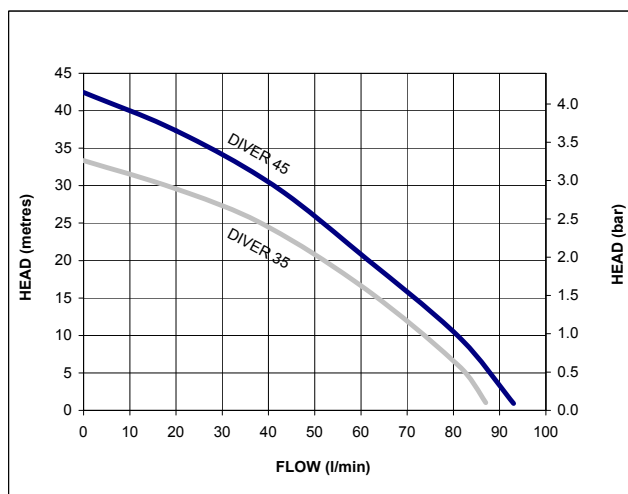
Commercial product range

Diver

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46585	Diver 35	Plastic	Nit/Car/Cer
46586	Diver 45	Plastic	Nit/Car/Cer

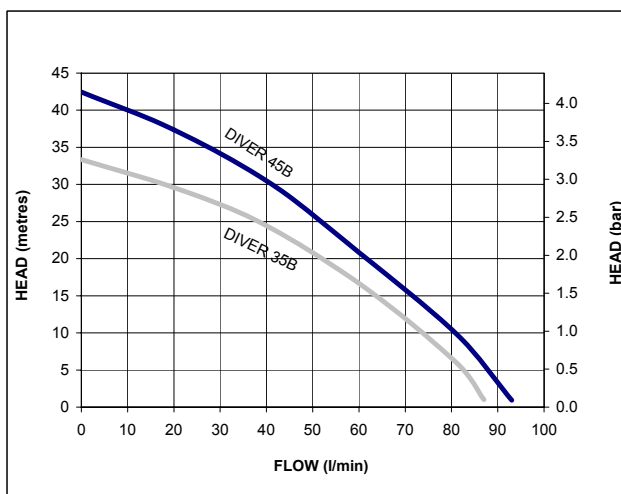


Diver Boostamatic

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch. Supplied with a Boostamatic Control Module, located remotely, to provide automatic control



Part No	Model	Impeller	Seal
46611	Diver 35 Boostamatic	Plastic	Nit/Car/Cer
46612	Diver 45 Boostamatic	Plastic	Nit/Car/Cer



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Jet range

Centrifugal Pumps

Jet pumps provide a cost effective solution where high flow and high pressure is required and are ideal for a host of general purpose applications.

The range includes Boostamatic Pressure Switch and Pressure Set versions.

2 motor sizes are available providing flow rates of up to 80 litres/minute and heads up to 45 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

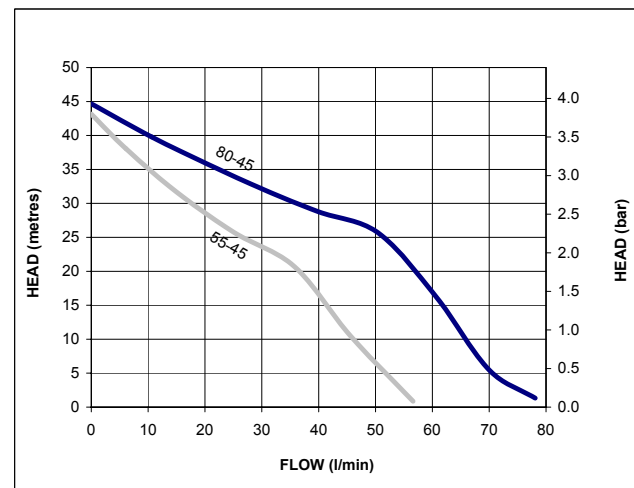


Jet

Ideal for the high pressure delivery of clean non-potable water from a water tank/cistern. Jet pumps will self prime up to 5 metres and are supplied with a carry handle, a manual on/off switch and power lead fitted with a 13 amp fused plug. The range is suitable for general purpose use, pumping cold water.



Part No	Model	Impeller	Seal
46587	55-45	Plastic	Car/Cer
46588	80-45	Plastic	Car/Cer



Key to seal options

Car/Cer - Carbon/Ceramic

Long life seal suitable for general purpose applications

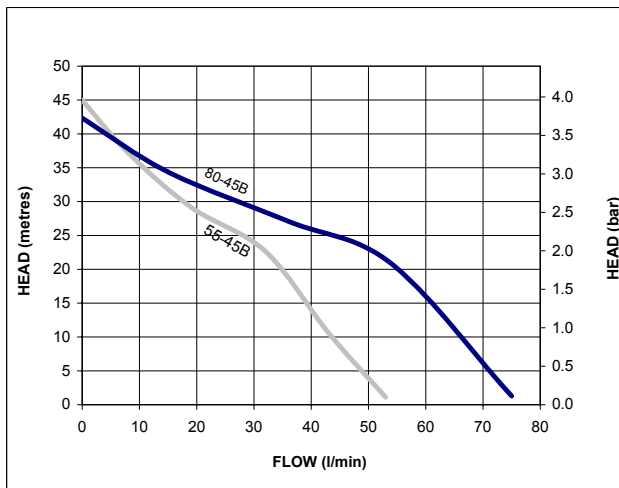
Commercial product range

Jet Boostamatic

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 Boostamatic pumps provide fully automatic pressure/flow switch control 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	Impeller	Seal
46619	55-45 B	Plastic	Car/Cer
46620	80-45 B	Plastic	Car/Cer

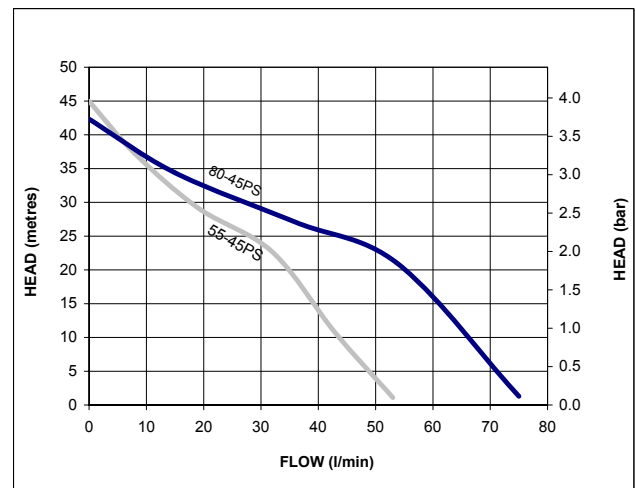


Jet Pressure Set

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	Impeller	Seal
46617	55-45 PS	Plastic	Car/Cer
46618	80-45 PS	Plastic	Car/Cer



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PH TS range

Peripheral Pumps

PH TS brass pumps feature top suction and vertical delivery connections as well as a stainless steel pump option for more specialised applications.

The range includes Automatic Flow Switch versions and long or extended life seal options.

2 motor sizes are available providing flow rates of up to 44 litres/minute and heads up to 42 metres.

Pump connection sizes:

Inlet G 3/4 Female

Outlet G 3/4 Female

Stainless Steel - Inlet and Outlet G 3/4 Male

Motor specification: 230/1/50

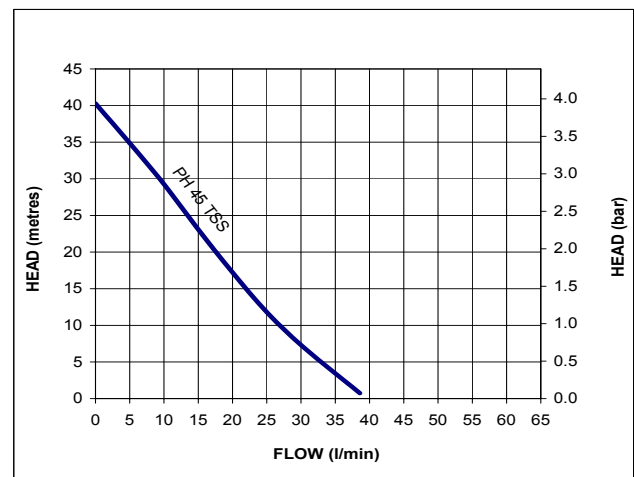


PH TS Stainless Steel

Designed for continuous use, the stainless steel peripheral range is ideal for handling non-abrasive liquids and is developed specifically for beer, lager or cider dispensing. Also used for pumping demineralised water.



Part No	Model	Impeller	Seal
46628	PH 45 TS S	S/Steel	Nit/Car/Sil
46629	PH 45 TS S	S/Steel	Vit/Car/Sil



Key to seal options

Nit/Car/Cer
Nitrile/Carbon/Ceramic

Long life seal suitable for general purpose applications

Nit/Car/Sil
Nitrile/Carbon/Silicon Carbide

Extended life seal suitable for demanding wear applications

Vit/Car/Sil
Viton/Carbon/Silicon Carbide

Extended life seal suitable for light non aggressive chemicals

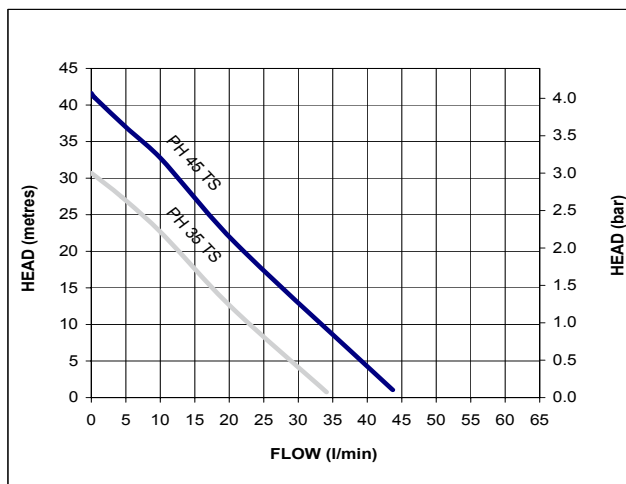
Commercial product range

PH TS

The PH range is particularly suitable where space is at a premium to pump clean, fresh water. Other clean non aggressive, non explosive liquids with similar characteristics to water may be pumped.



Part No	Model	Impeller	Seal
46496	PH 35 TS	Brass	Nit/Car/Cer
46444	PH 35 TS	Brass	Nit/Car/Sil
46445	PH 35 TS	Brass	Vit/Car/Sil
46504	PH 45 TS	Brass	Nit/Car/Cer
46447	PH 45 TS	Brass	Nit/Car/Sil
46448	PH 45 TS	Brass	Vit/Car/Sil

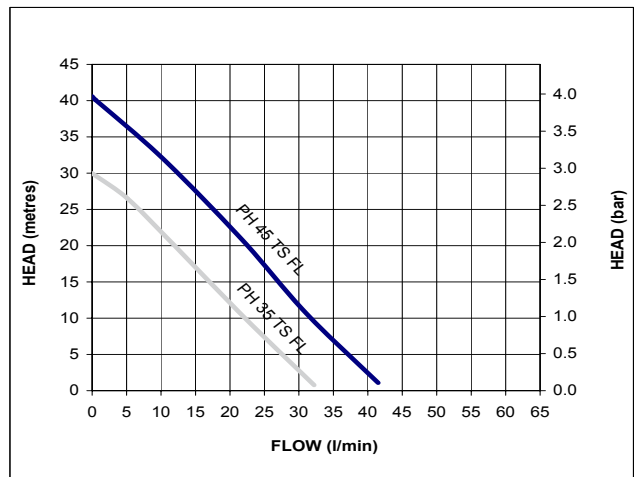


PH TS Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. The range is suitable for commercial and domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46522	PH 35 TS FL	Brass	Nit/Car/Cer
46530	PH 45 TS FL	Brass	Nit/Car/Cer



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PH ES range

Peripheral Pumps

PH ES brass pumps feature end suction and vertical delivery connections.

The range includes Automatic Flow Switch and Boostamatic Pressure Switch versions, with long and extended life seal options.

2 motor sizes are available providing flow rates of up to 40 litres/minute and heads up to 42 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

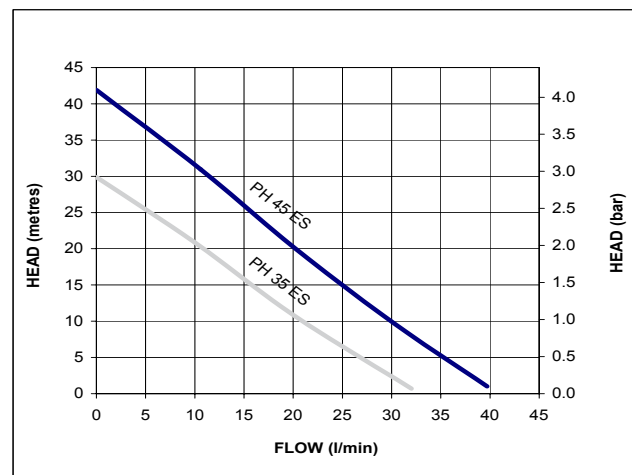


PH ES

The range of PH ES peripheral pumps is designed to pump clean, fresh water. Other non aggressive, non explosive liquids with similar characteristics to water may be pumped. The range can be used for pressure boosting, liquid transfer and distribution. They are also suitable for flooded suction applications.



Part No	Model	Impeller	Seal
46563	PH 35 ES	Brass	Nit/Car/Cer
46450	PH 35 ES	Brass	Nit/Car/Sil
46451	PH 35 ES	Brass	Vit/Car/Sil
46564	PH 45 ES	Brass	Nit/Car/Cer
46453	PH 45 ES	Brass	Nit/Car/Sil
46454	PH 45 ES	Brass	Vit/Car/Sil



Key to seal options

Nit/Car/Cer
Nitrile/Carbon/Ceramic

Long life seal suitable for general purpose applications

Nit/Car/Sil
Nitrile/Carbon/Silicon Carbide

Extended life seal suitable for demanding wear applications

Vit/Car/Sil
Viton/Carbon/Silicon Carbide

Extended life seal suitable for light non aggressive chemicals

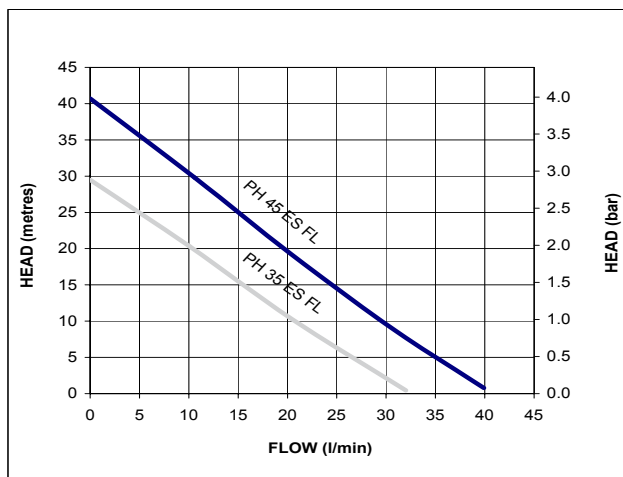
Commercial product range

PH ES Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application, where an instant boosted supply is required from a simple to install package. The range is suitable for commercial and domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46566	PH 35 ES FL	Brass	Nit/Car/Cer
46567	PH 45 ES FL	Brass	Nit/Car/Cer

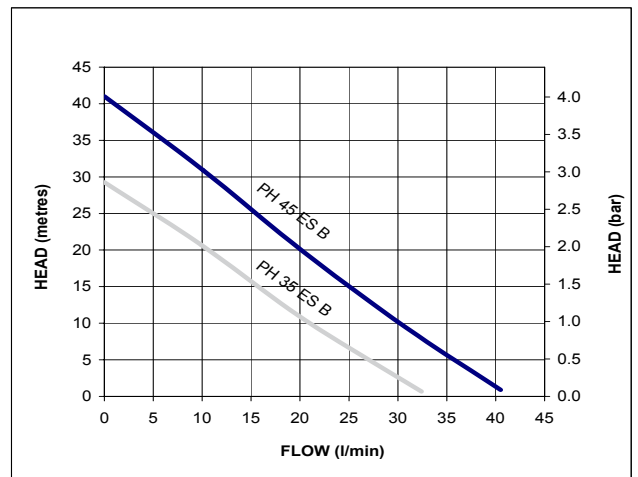


PH ES Boostamatic Pressure Switch

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46523	PH 35 ES B	Brass	Nit/Car/Cer
46524	PH 45 ES B	Brass	Nit/Car/Cer



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Kennet range

Centrifugal Single Stage Pumps

Kennet brass pumps feature horizontal suction and vertical delivery connections.

The range includes Automatic Flow Switch and Boostomatic Pressure Switch versions.

3 motor sizes are available providing flow rates of up to 210 litres/minute and heads up to 14 metres.

Pump connection sizes:

Inlet G 1 Female

Outlet G 1 Female

Motor specification: 230/1/50

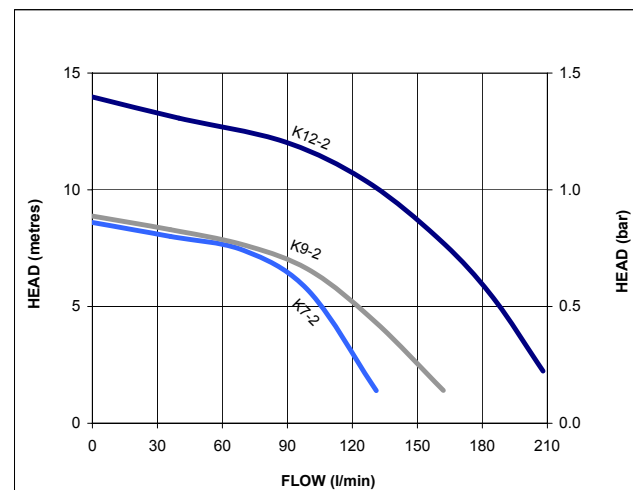


Kennet

The Kennet range of centrifugal pumps is designed for liquid transfer, pressure boosting or distribution of clean, fresh water. Other clean, non aggressive, non explosive liquids with similar characteristics to water may be pumped.



Part No	Model	Impeller	Seal
46372	K7-2	Plastic	Nit/Car/Cer
46374	K9-2	Plastic	Nit/Car/Cer
46379	K12-2	Plastic	Nit/Car/Cer



Key to seal options

Nit/Car/Cer
Nitrile/Carbon/Ceramic

Long life seal suitable for general purpose applications

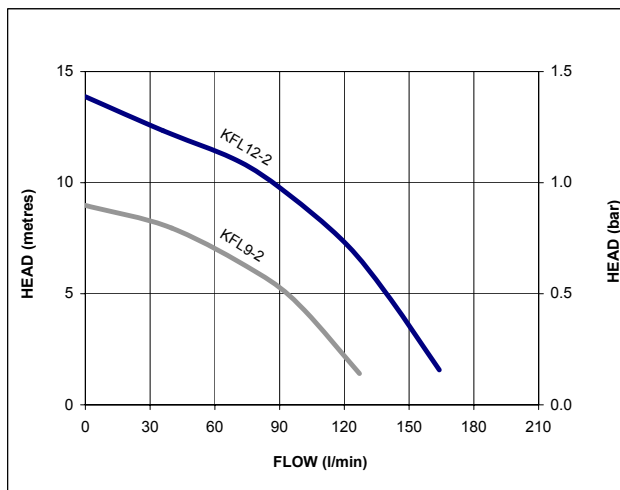
Commercial product range

Kennet **Automatic Flow Switch**

Ideal for the pressurisation of water to outlets in a positive head application where an instant boosted supply is required from a simple to install package. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46384	KFL9-2	Plastic	Nit/Car/Cer
46385	KFL12-2	Plastic	Nit/Car/Cer

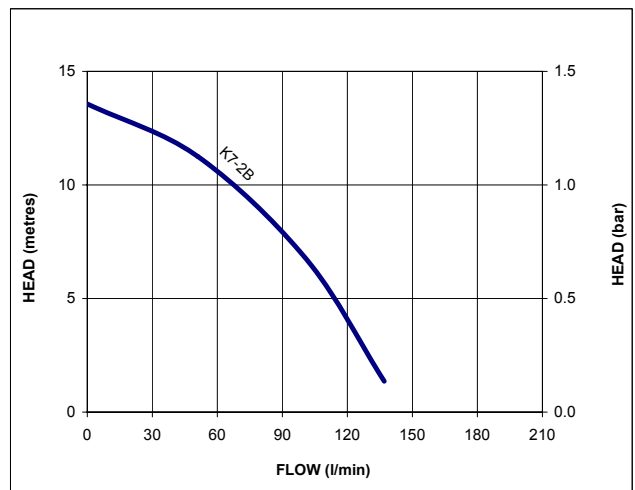


Kennet **Boostamatic Pressure Switch**

Designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate. The range is suitable for commercial or domestic use, pumping hot or cold water.



Part No	Model	Impeller	Seal
46525	K7-2 Boostamatic	Plastic	Nit/Car/Cer



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12/50 range

Centrifugal Pumps

12/50 centrifugal pumps provide compact and robust 12 or 24v d.c. motors with a choice of material options making them suitable for a host of applications.

Options include a choice of plastic or brass impellers and long or extended life seals. 12v or 24v d.c. motors are available providing flow rates of up to 63 litres/minute and heads up to 14 metres.

Pump connection sizes:

Inlet G 3/4 Female

Outlet G 3/4 Female



Key to seal options

Nit/Car/Cer
Nitrile/Carbon/Ceramic

Long life seal suitable for general purpose applications

Vit/Car/Sil
Viton/Carbon/Silicon Carbide

Extended life seal suitable for light non aggressive chemicals

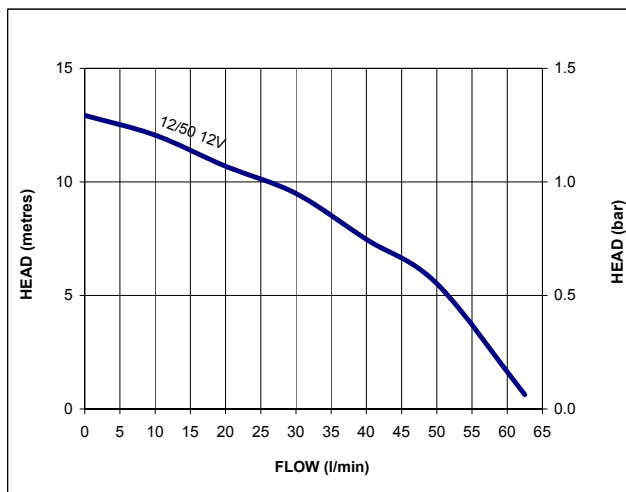
Commercial product range

12/50 12v

The compact size and robust construction of these pumps, combined with a range of features, including heavy duty d.c. motors offer the ideal solution to demanding pumping problems.



Part No	Model	Impeller	Seal
46164	12/50 12V	Plastic	Nit/Car/Cer
46166	12/50 12V	Brass	Nit/Car/Cer
46167	12/50 12V	Brass	Vit/Car/Sil

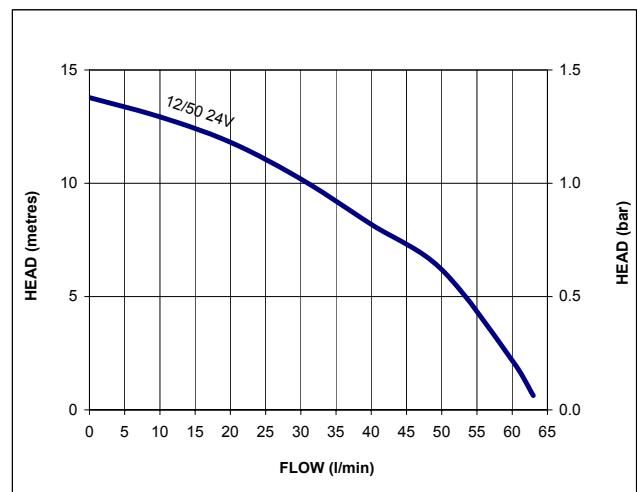


12/50 24v

The compact size and robust construction of these pumps, combined with a range of features, including heavy duty d.c. motors offer the ideal solution to demanding pumping problems.



Part No	Model	Impeller	Seal
46212	12/50 24V	Plastic	Nit/Car/Cer
46168	12/50 24V	Brass	Nit/Car/Cer
46169	12/50 24V	Brass	Vit/Car/Sil



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