

BIANCO PUMPZ



PRODUCT RANGE

■ SURFACE MOUNTED WATER SUPPLY PRESSURE SYSTEMS



BIA-TECH40

NEW

Transfer Pump



- The pump is a self-priming garden pump supplied wired and ready to install. The self-priming ability provides excellent suction capacity and is easy to reprime if you run out of water.
- Used especially for transferring water in domestic installations.
- Flows to 25 litres per minute
- Heads to 27metres
- 400W, 240V
- 2 Year Warranty



BIA-TECH40PC

Urban Water Tank Pressure System



The pump is a self-priming pressure system pump supplied wired and ready to install. The self-priming ability provides excellent suction capacity. Used especially for supplying water to domestic installations.

The pump is characterised by:

- Automatic electronic pump control fitted and wired
- Automatic electronic control provides run dry protection and constant pressure at low flows. **Automatic electronic control has in-built check valve.**
- Corrosion resistant pump body, diffuser and impeller
- Mechanical shaft seal
- 240V single phase TEFC motor with in-built auto-reset thermal overload

Model/Part No	Nominal Pressure	Total Suction Head (l/m)				P/Switch Set kpa	Max. Pump kpa	Connections Inlet x Outlet	Package Dimensions (mm)	Weight
		0 m	3 m	5 m	6 m					
BIA-TECH40PC 🔌🔌🔌	120kPa 17psi	25	19	16	15	150 - 265	265	25mm x 25mm	490 x 210 x 250	7.1kg

Note: The taps shown above have been calculated at 8 litres per minute.



BIA-INOX60PC

Stainless Steel Water Tank Pressure Systems



Fully electronic pumps designed for domestic water supply for urban and rural water storage tanks. Pressures up to 430kpa. Designed completely from non-ferrous materials to avoid the effects of corrosion. Can operate continuously from low to full flows. **Automatic electronic control has in-built check valve.** Auto loss of water cut off. Rotatable controller connection. Electrical surge protection. Integrated handle and base. Available in 4, 5 and 6 tap versions.

Model/Part No	Nominal Pressure	Total Suction Head (m)				P/Switch Set (kpa)	Max Pump	Connections Inlet x Outlet	Package Dimensions	Weight (kg)
		0	3	5	6					
BIA-INOX60PC 🔌🔌🔌🔌	120kpa 17psi	36	28	24	21	120-320	320kpa	25 x 25mm	490 x 210 x 260mm	9.1
BIA-INOX80PC 🔌🔌🔌🔌🔌	150kpa 22psi	43	34	28	25	150-400	400kpa	25 x 25mm	490 x 210 x 260mm	9.1
BIA-INOX120PC 🔌🔌🔌🔌🔌🔌	120kpa 17psi	50	39	33	29	120-430	430kpa	25 x 25mm	490 x 210 x 260mm	9.8

Note: The taps shown above have been calculated at 8 litres per minute.

SUBMERSIBLE PUMPS



Vortex Pumps

(non abrasive liquids with soft solids in suspension ie: leaves and stringy materials)

Vortex drainage pumps are designed to pump water with some organic content. Capable of pumping non-abrasive solids in suspension up to 35mm particle size.

Special features:

- Simple installation
- Instructions included

- Light and compact
- Fully automatic operation
- Great value for money
- Handle particles up to 35mm in size
- Supplied complete with 10 metres of electric cable
- 12 months warranty
- Not suitable for construction sites, ponds, fountains or biotreatment

Model/ Part No	Body Material	Max Granule Size	Max Flow (lph)	Flow at 2m	Flow at 4m	Flow at 6m	Max Head	Rated Power	Cable Length	Discharge Outlet Size (Multiple)	Dimensions (mm)
BIA-JH550B	Plastic	35mm	9500	8500	5400	2700	7m	550W	10m	1" 1¼" 1½"	165x158x334
BIA-JH750B	Stainless Steel	35mm	12500	11100	7800	4500	8m	750W	10m	1" 1¼" 1½"	158x193x371



BIA-JH550B



BIA-JH750B

Drainage Pumps



Drainage pump models are designed for de-watering tasks including pumping out sumps, flooded areas and pumping water from pits etc.

Special features:

- Simple installation
- Instructions included

- Light and compact
- Fully automatic operation
- Great value for money
- Supplied complete with 10 metres of electric cable
- 12 months warranty
- Not suitable for construction sites, ponds, fountains or biotreatment.

Model/ Part No	Body Material	Max Granule Size	Max Flow (lph)	Flow at 2m	Flow at 4m	Flow at 6m	Max Head	Rated Power	Cable Length	Discharge Outlet Size (Multiple)	Dimensions (mm)
BIA-JH400	Plastic	5mm	7500	6600	4500	2700	8m	400W	10m	1" 1¼" 1½"	165x158x305
BIA-JH550	Stainless steel	5mm	9000	8300	5700	2400	7.5m	550W	10m	1" 1¼"	150x282
BIA-JH900	Plastic	5mm	13500	12600	10500	6600	9m	900W	10m	1" 1¼" 1½"	165x158x327



BIA-JH400



BIA-JH550



BIA-JH900





■ SUBMERSIBLE PUMPS



BIA-JH40011

Drainage Pump with Internal Float Switch (clean water)

Light and compact submersible clean water pump. Supplied wired and ready to install. Ideal for pits confined spaces where floats do not work. Incorporates float on/off switch for manual and automatic level control. The pump has an internal float switch which will not foul and allows for installation in small sumps. (min size 260mm x 160mm x 330mm deep). When switched to manual mode, the scavenger type base allows pumping down to 5mm. 12 Months Warranty. Not suitable for construction sites, ponds, fountains or bio-treatment.

Dimensions: 203 x 321mm

Model/ Part No	Body Material	Max Granule Size	Max Flow (lph)	Flow at 2m	Flow at 4m	Flow at 6m	Max Height	Rated Power	Cable Length	Discharge Outlet Size (Multiple)
BIA-JH40011	Plastic	5mm	7500	5000	5200	3050	8m	400W	10m	1" 1¼" 1½"



BIA-JH8003P



High Head Pump for rainwater tanks and clean water

Light and compact high head submersible clean water pump supplied wired and ready to install. The pump has sufficient pressure to operate as a pressure system pump when wired to a suitable pump controller. 12 Months Warranty. Not suitable for construction sites, ponds, fountains or bio-treatment systems. Designed specifically for drinking water.



Special features:

- High Head, flows to 82 l/m
- Corrosion resistant body
- Fully automatic operation
- Silicon Carbide Mechanical Seal
- Motor with built in auto reset thermal overload
- Supplied complete with 10 metres of electrical cable
- Dimensions: 164 x 150 x 337mm

Model/ Part No	Body Material	Max Granule Size	Max Flow (lph)	Flow at 10m	Flow at 20m	Flow at 25m	Max Height	Rated Power	Cable Length	Discharge Outlet Size (Multiple)
BIA-JH8003P	Stainless Steel	0.5mm	4980	4200	3000	2100	30m	800W	10m	1" 1¼" 1½"
BIA-JH8003PMPX	Stainless Steel	0.5mm	4980	4200	3000	2100	30m	800W	10m	1" 1¼" 1½"



ENERGY SAVING PRODUCTS

GWS ENERGY SAVER

This is a add on kit that can be installed with any Electronic Pump Controller, it is a base mount pressure tank kit that will enhance any PC type pump with the best features of a pressure pump. It is designed to replace the PT model requirements. As a base mount kit the PC pump is mounted on top of the ENERGYSAVER and is simple to install. The kit is pre-charged with 130kPa of air and there is no requirement to modify or check the charge. There is no maintenance required on the unit. There is considerable potential for this unit to save energy and extend pump life.

Special features:

- Substantially reduces electric power consumption by reducing small draw off pump starts i.e evaporative coolers, toilet flushes, leaks drip irrigation etc
- Extends pump life by dramatically reducing wear on moving parts
- Protects against heat expansion damage to pump bodies
- Reduces noise from unnecessary pump starts
- Eliminates motor burn outs and low flow cycling
- No maintenance. Does not require regular air charge checks
- 5 Year warranty for guaranteed reliability
- Supplied with easy to follow installation instructions
- Eliminates pump body failures due to water hammer
- Stops water leaking from hot water heaters
- Stores expanded hot water eliminating termite risk
- Includes connection

PUMP SOLD SEPARATELY

Sell the GWS ENERGYSAVER and help save the world.

Tank complete with bracket in box.

Model/Part Number	Description
FLE-ENERGYSAVER2V	2V Tank plus wall bracket
FLE-ENERGYSAVER8V	8V Tank plus wall bracket
FLE-ENERGYSAVER18V	18V Tank plus wall bracket
FLE-ENERGYSAVER18VB	18V Tank plus base, hose kit and 3WT
FLE-ENERGYSAVER20H	20H Tank plus hose kit and 3WT



FLE-ENERGYSAVER8V



FLE-ENERGYSAVER18VB



FLE-ENERGYSAVER20H



FIRE PUMPS



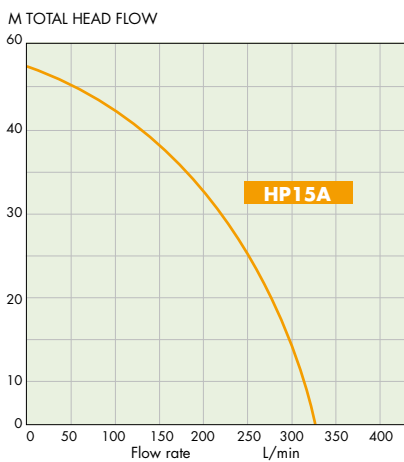
BIA-HP15A

The pump is a compact self-priming engine driven fire pump which is also ideal for high general duty applications. Supplied ready to operate complete with hose fittings and suction strainer.

Special features:

- Heads to 55 metres
- Flows to 330 litres per minute
- Suction to 7 metres
- 1 x 1-1/2", 2 x 1" BSP male discharge ports
- 1 x 1-1/2" BSP male suction port
- Roll frame
- Rubber mounting feet
- Low Oil Level Engine Protection

Performance Curves

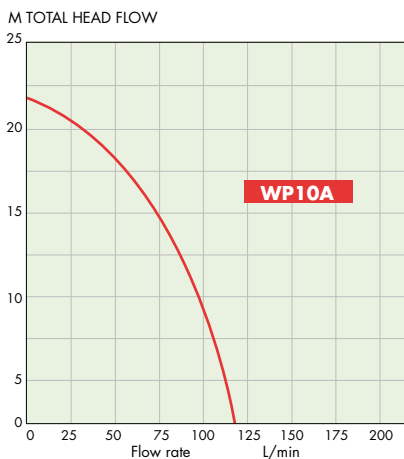


Model/Part Number	BIA-HP15A	
Liquid:	Clean water temperature range: 2 – 35 deg C	
Materials:	Pump body, Diffuser, Impeller: Aluminium	
	Mechanical seal: Carbon/Ceramic/Nitrile	
	O rings and gaskets: Nitrile	
Installation:	Maximum ambient temperature: 40 deg C	
	Pipe connections suction/discharge: 1-1/2" BSPM / 1 x 1-1/2", 2 x 1" BSPM	
Engine data:	Model: 168F-2	HP: 5.5
	Type: Single cylinder, air cooled, 4 stroke	
	Ignition: CDI	Starting: Recoil
	Bore x stroke: 68mm x 54mm	Fuel Capacity: 3.6 litres
	Displacement: 196 cc	Oil Capacity: 1.6 litres
	Air cleaner: Semi-dry	Gross weight: 19.0 kg



BIA-WP10A

Performance Curves



PORTABLE ENGINE PUMPS



The pump is a light weight self-priming general duty engine driven pump. Supplied ready to operate complete with hose fittings and suction strainer.

Special features:

- Heads to 22 metres
- Flows to 116 litres per minute
- Suction to 7 metres
- 1" BSP female ports
- Carry frame
- Rubber mounting feet

Model/Part Number	BIA-WP10A	
Liquid:	Clean water temperature range: 2 – 35 deg C	
Materials:	Pump body, Diffuser, Impeller: Aluminium	
	Mechanical seal: Carbon/Ceramic/Nitrile	
	O rings and gaskets: Nitrile	
Installation:	Maximum ambient temperature: 40 deg C	
	Pipe connections suction/discharge: 1" BSP F / 1" BSP F	
Engine data:	Model: 40F2	HP: 1.5
	Type: Single cylinder, air cooled, 2 stroke	
	Starting: Recoil	Fuel Capacity: 1.2 litres
	Air cleaner: Semi-dry	Gross weight: 8.0 kg

FIRE & TRANSFER PUMPS

Tanker Pump



The pump is a compact self-priming engine driven 2" Tanker Pump supplied ready to operate complete with hose fittings and suction strainer. Designed for tank filling, water carts and dust suppression.

Special features:

- Heads to 30 metres
- Flows to 450 litres per minute
- Suction to 7 metres
- 1 x 2" BSP male discharge ports
- 1 x 2" BSP male suction port
- Roll frame
- Rubber mounting feet
- Low Oil Level Engine Protection



Model/Part Number	BIA-WP20A	
Liquid:	Clean water temperature range: 2 – 35 deg C	
Materials:	Pump body, Diffuser, Impeller: Aluminium	
	Mechanical seal: Carbon/Ceramic/Nitrile	
	O rings and gaskets: Nitrile	
Installation:	Maximum ambient temperature: 40 deg C	
	Pipe connections suction/discharge: 2" BSPM	
Engine data:	Model: 168F-1	HP: 5.5
	Type: Single cylinder, air cooled, 4 stroke	Ignition: CDI
	Starting: Recoil	Fuel Capacity: 3.6 litres
	Air cleaner: Semi-dry	Gross weight: 25 kg

Gusher Pump



The pump is a compact self-priming engine driven 3" Gusher Pump supplied ready to operate complete with hose fittings and suction strainer. Designed for rapid dewatering tasks and tank filling applications.

Special features:

- Heads to 30 metres
- Flows to 1000 litres per minute
- Suction to 7 metres
- 1 x 3" BSP male discharge ports
- 1 x 3" BSP male suction port
- Roll frame
- Rubber mounting feet
- Low Oil Level Engine Protection



Model/Part Number	BIA-WP30A	
Liquid:	Clean water temperature range: 2 – 35 deg C	
Materials:	Pump body, Diffuser, Impeller: Aluminium	
	Mechanical seal: Carbon/Ceramic/Nitrile	
	O rings and gaskets: Nitrile	
Installation:	Maximum ambient temperature: 40 deg C	
	Pipe connections suction/discharge: 3" BSPM	
Engine data:	Model: 168F-2	HP: 6.5
	Type: Single cylinder, air cooled, 4 stroke	Ignition: CDI
	Starting: Recoil	Fuel Capacity: 3.6 litres
	Air cleaner: Semi-dry	Gross weight: 28.5 kg

Fire Fighting Hose Kit

The Fire Fighting Hose Kit comprises of: 1 x 5m x 38mm grey PVC suction hose c/w strainer, nut and tails plus 2 x 10m x 20mm black fire fighting delivery hose c/w nozzles, nuts and tails.



BIA-FFHK

■ STAINLESS STEEL PUMPS

Close Coupled, Stainless Steel, Single Stage Centrifugal Pumps



These light weight BLC series pumps grant a stable, noiseless and reliable operation, together with high performances. Suitable for water supply, pure water feed systems, vat washing and CIP (Clean In Place) applications. The cylindrical casing, the cover and the impeller are constructed from AISI 304 stainless steel, using advanced stamping and weld processing technologies. Featuring elegant design, corrosive resistance, high efficiency and high pressure abilities. Not designed to be used with explosive or inflammable liquids, or with liquids that are

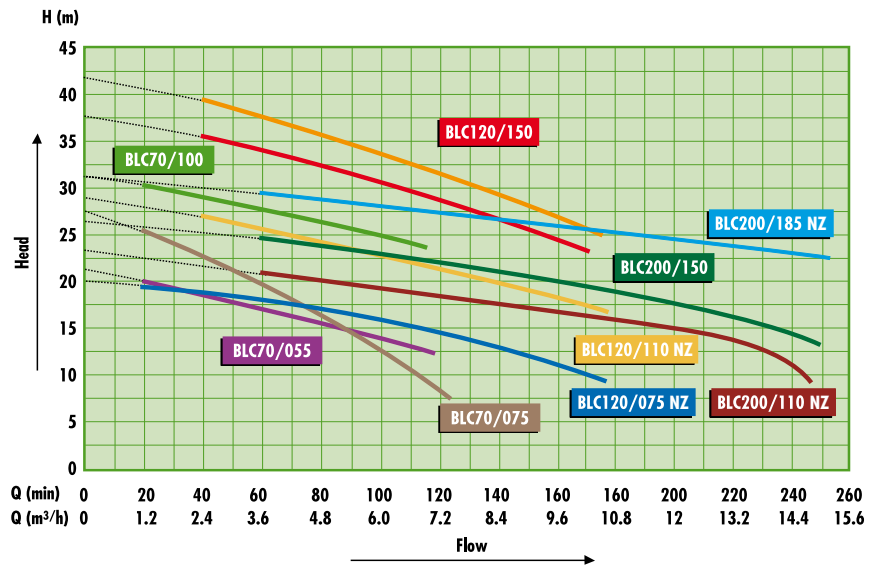
aggressive to 304 stainless steel. They are used in the domestic and industrial fields as well as in agriculture for:

- Water circulation for industrial and domestic applications
- Car washing
- Tank emptying
- Gardening
- Fountains
- Irrigation
- Vat washing

12 months warranty.



BLC70-75SK



Note: Pumps should not be operated outside of published maximum and minimum performances.



BLC70-55C25

Model/Part No	Features
BIA-BLC70-75SK	Pump fitted with SK13B Automatic Controller
BIA-BLC70-55C25	Pump fitted with C25 Hot Water Flow Switch
BIA-BLC70-75C25	Pump fitted with C25 Hot Water Flow Switch
BIA-BLC70-100C25	Pump fitted with C25 Hot Water Flow Switch

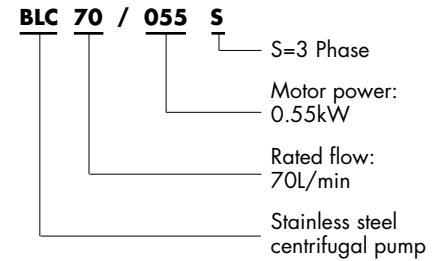
STAINLESS STEEL PUMPS

Performance Data

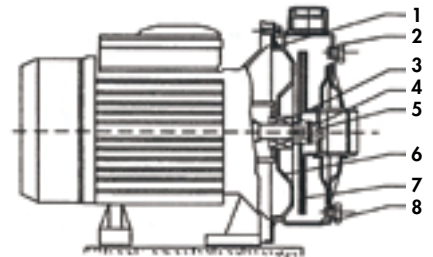
Model/Part No		Power Hp/kW	Head (m) max - min	Flow (L/min) min - max	NPSH r(m)	Ports (BPS)	
Single Phase	Three Phase					In	Out
BLC70/055	BLC70/055S	0.75/0.55	19 - 14	20 - 120		1¼	1
BLC70/075	BLC70/075S	100/0.75	25 - 17	20 - 120		1¼	1
BLC70/100	BLC70/100S	1.35/1.00	30 - 20	20 - 120		1¼	1
BLC120/075	BLC120/075S	1.00/0.75	19 - 11	40 - 180		1¼	1
BLC120/110	BLC120/110S	1.50/1.10	25 - 17	40 - 180		1¼	1
BLC120/150	BLC120/150S	2.00/1.50	31 - 21	40 - 180	2.0	1¼	1
BLC120/185	BLC120/185S	2.50/1.85	37 - 25	40 - 180		1¼	1
BLC200/110	BLC200/110S	1.50/1.10	21 - 9	60 - 260		1½	1
BLC200/150	BLC200/150S	2.00/1.50	25 - 15	60 - 260		1½	1
BLC200/185	BLC200/185S	2.50/1.85	29 - 21	60 - 260		1½	1

Model/Part No	Rated Power (kW)	Volts (V)	Max. Flow (l/m)	Max. Head (m)
BIA-BLC70/055	0.55	240	120	19
BIA-BLC70/055S	0.55	415	120	19
BIA-BLC70/075	0.75	240	120	25
BIA-BLC70/075S	0.75	415	120	25
BIA-BLC70/100	1.0	240	120	30
BIA-BLC70/100S	1.0	415	120	30
BIA-BLC120/75	0.75	240	180	19
BIA-BLC120/75S	0.75	415	180	19
BIA-BLC120/110	1.1	240	180	25
BIA-BLC120/110S	1.1	415	180	25
BIA-BLC120/150	1.5	240	180	31
BIA-BLC120/150S	1.5	415	180	31
BIA-BLC120/185	1.85	240	180	37
BIA-BLC120/185S	1.85	415	180	37
BIA-BLC200/110	1.1	240	260	21
BIA-BLC200/110S	1.1	415	260	21
BIA-BLC200/150	1.5	240	260	25
BIA-BLC200/150S	1.5	415	260	25
BIA-BLC200/185	1.85	240	260	29
BIA-BLC200/185S	1.85	415	260	29

Symbols



Structure



No	Description	Material
1	O-Ring	NBR
2	Plug Gasket	Nylon
3	Mechanical Seal	Carbon/Ceramic/NBR
4	Shaft	Ocr18Ni9
5	Nut	AISI 304
6	Front Cover	AISI 304
7	Impeller	AISI 304
8	Casing	AISI 3s04

Note: Upgrade seals to silicon carbide and viton upon request.



Rainwater systems for new and established buildings

Premium control units for use with rainwater tanks

For use in alternate water supply systems

Broad range of quality controls

- Heat and fade resistant, high quality plastic housing
- IP56 weather proof for electrical safety (IP53 for Auto version)
- Pump runlight indicates when rainwater is being pumped
- Inbuilt remote capacitor - Easily accessible for service (Diver version)
- Manual resettable overload - Protects the motor if the pump was to jam or overheat (Diver version)
- Illuminated power-on switch - One-touch pump power isolation for safe and easy routine service (Diver versions)
- Six models available to suit various applications
- High flow capabilities - Can provide flows up to 100 litres per minute
- Power rate for pumps up to 1.1 kW - can use larger pump to meet all domestic needs
- 800kPa max. working pressure - Designed to handle rising mains pressure
- Quality, all brass fittings - Torque tested and tension resistant
- Plug-in power supply

RAINWATER HARVESTING CONTROLLERS & SYSTEMS

Rain is FREE water – install a Rainsaver and SAVE!

Rainwater is free. Only one per cent of all the water in the entire world is fresh water, so you can't afford to waste a single drop. Make the most of all the fresh, clean rainwater falling on your roof, and flowing down your gutters. With a rainwater tank and a Rainsaver rainwater harvesting control system, you can use your valuable free rainwater every day. Rainsaver is easily installed as a compact, wall-mounted box. It integrates the water in your rainwater tank seamlessly with your mains water supply. You don't have to do a thing, because Rainsaver is intelligent. Not only does Rainsaver help you to save money on water bills, it helps you to conserve water. Start using Rainsaver and save water and money today.

How do I use Rainsaver?

Rainsaver helps you to replace up to 40% of your mains water with rainwater from a rainwater tank. Once it's installed Rainsaver operates silently, intelligently managing your entire water supply.

Hassle-free: complete water integration with Rainsaver

Rainsaver gets your rainwater to work with your mains water. When toilets are flushed, your washing machine or garden sprinklers turn on, or you want to wash your car or your home's windows, Rainsaver accesses your rainwater tank, and uses your own water supply. If your rainwater tank is too low, or if there's a power failure, Rainsaver delivers mains water. Rainsaver adapts to any kind of rainwater tank and pump, whether your tank is inground, or above-ground. The Rainsaver box quietly controls water flow via a pump, and a backflow protection valve prevents water from the tank flowing into the mains. Once installed, you can forget Rainsaver, as it silently and efficiently manages your household's water.

It's easy to install Rainsaver: just plug it in

You can use Rainsaver with your existing pumps and water tanks, or you can install it with a new rainwater tank system.

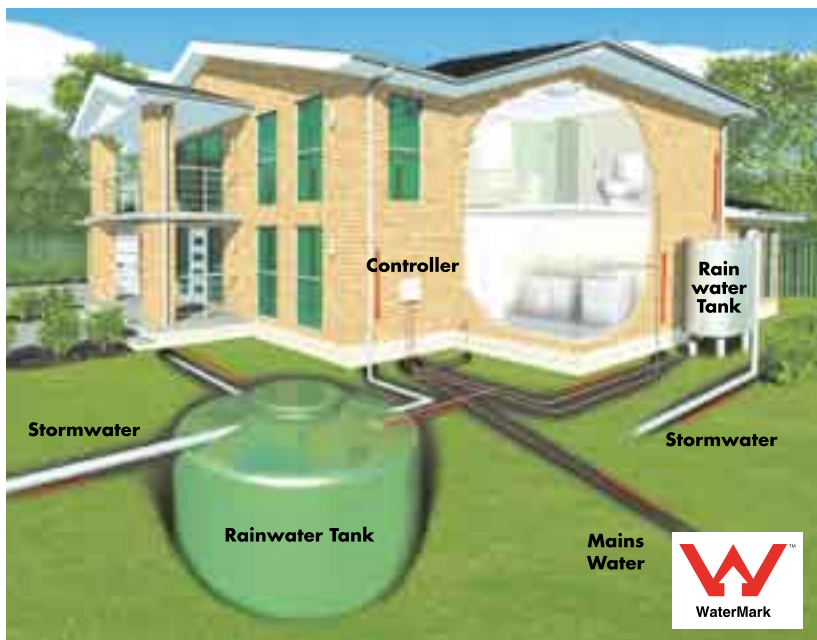
Rainsaver is installed with just three plumbing connections, and powered with a three-pin plug and a level sensor in the rainwater tank. Rainsaver uses minimal energy, and only operates when required.

You can trust Rainsaver's quality

Your Rainsaver controller is built to last. Its high-quality housing is weatherproof, and heat and fade-resistant. The Diver versions have a built-in remote capacitor, as well as a built-in manual resettable overload button. Its quality brass fittings are torque-tested and tension resistant. Choose a Rainsaver, and you know that your Rainsaver-controlled rainwater system will give you years of service, as it adds to the value of your home.

Six models of Rainsaver: one is just right for you

Rainsaver is available in six models. Ask for a quote today. We'll be happy to advise you which model is perfect for you, so you can start saving money and water.

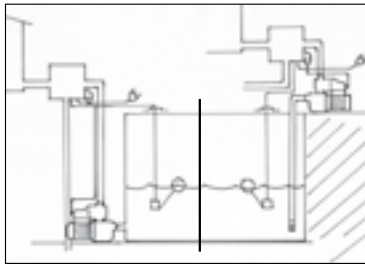


MODELS AVAILABLE

Bianco Rainsaver Universal Auto

Alternate Water Supply System incorporating automatic mains backup for the control of surface mounted Automatic Pressure System Pumps. Controls pumps to maximum of 1.5 hp, 1.1 kW in cold water (< 40°C). Max. recommended continuous pump flow: 100 litres per minute. Max. recommended pump pressure: 800 kPa. Max. recommended mains inlet pressure: 800 kPa.

Operation: Supplies clean rainwater from a rainwater tank via an automatic pressure system pump to toilets, laundry and garden taps in a household. Mains water is also connected to the **Bianco Rainsaver Universal Auto** as an automatic backup should rain water level be too low, or if there is a power or pump* failure. (*Should there be a pump failure, mains backup is achieved by turning the **Rainsaver Universal Auto** off at the power point.) The float switch supplied prevents the pump from running dry and allows automatic switch-over to mains supply should the rain water level in the tank be too low.



Bianco Rainsaver Universal Auto Controller + Submersible JH8003P Pump

JH8003P Pump

The pump is a light and compact high head submersible clean water pump supplied wired and ready to install. The pump has sufficient pressure to operate as a pressure system pump when wired to a suitable pump controller. 12 months Bianco Pumpz warranty. Note: The Watermark applies to Bianco Rainsaver Controllers only

Features

- Universal Diver Controller plus JH8003P
- Heads to 30m, flows to 83 l/m
- Corrosion resistant pump components
- Silicon carbide mechanical seal
- 240V single phase motor built in
- Auto reset thermal overload
- 10m power cable

Part number: BIA-UNIVERSALSUBJH8003P



Bianco Rainsaver Universal Diver:

The Bianco Rainsaver Universal Diver (75/100/150M) is an Alternate Water Supply System utilising a UNIVERSALDIVER controller incorporating automatic mains back up, a submersible DIVER pump, (DIVER 75M, DIVER 100M, DIVER 150M) and Bianco SK13B pump controller. Controls 0.55kW DIVER75M, 0.75kW DIVER100M Or 1.1kW DIVER 150M pumps in cold water (< 40°C). Maximum pump pressures are 350kPa (DIVER75M), 500 kPa (DIVER100M) or 720kPa (DIVER 150M) Maximum recommended mains inlet pressure 800 kPa. Licence No: IPC20016 Specification No: ATS5200.477 **12 Months Warranty** Watermark only applies to the Bianco Rainsaver Universal Diver Control.

Part numbers:

BIA-UNIVERSALDIVER75M, BIA-UNIVERSALDIVER100M, BIA-UNIVERSALDIVER150M

Bianco Rainsaver Universal DiverDry:

The Bianco Rainsaver Universal Diver Dry (75M/100M) is an Alternate Water Supply System utilising a UNIVERSALDIVER controller incorporating automatic mains back up, a submersible DIVER Dry pump, (DIVER 75M or DIVER 100M) and Bianco SK13B pump controller. Controls 0.55kW DIVER75M or 0.75kW DIVER100M pumps in cold water (< 40°C). Maximum pump pressures are 350kPa (DIVER75M) or 500 kPa (DIVER100M). Maximum recommended mains inlet pressure 800 kPa.

Licence No: IPC20016 Specification No: ATS5200.477 **12 Months Warranty.**

Watermark only applies to the Bianco Rainsaver Universal Diver Control.

Part numbers: BIA-UNIVERSALDIVERDRY75M, BIA-UNIVERSALDIVERDRY100M

NOTE: DIVER DRY means floating suction for submerged installations only.

BIA-TSHKITA - Rainwater Tank Suction Hose & Float Kit



DIVER PUMPS



Diver Series - Multistage Submersible Pumps



Unsurpassed for quality and performance, Diver pumps are designed to operate in the harshest of environments totally weather and frost proof to supply clean water quality and efficiently.

and on/off switch and external capacitor for added reliability and are also available with or without float switch for automatic level control or dry run protection.

Manufactured almost entirely of stainless steel, the Diver range of submersible multistage pumps are totally silent and visually unobtrusive which makes the Diver pump range ideal as household pressure systems, irrigation in aerated treatment systems and can be controlled electronically or by pressure switch and pressure tank, float switch, manually or by timer.

Special features:

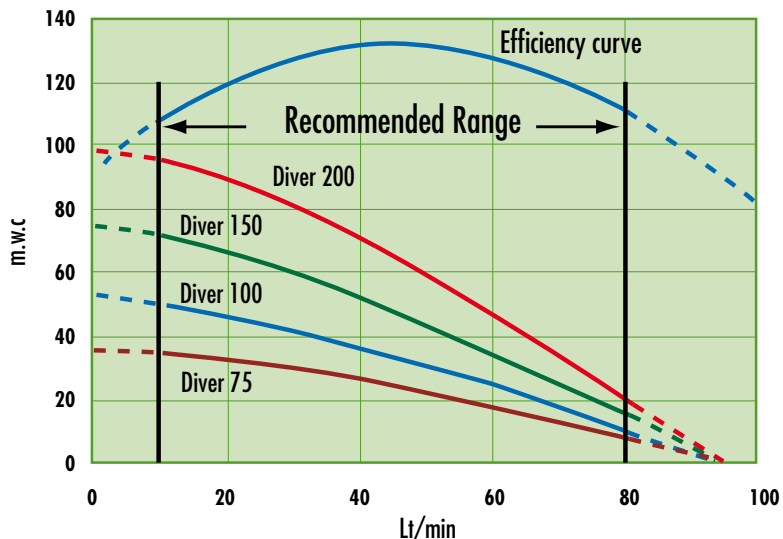
- 316SS shaft for high corrosion resistance
- Through body motor cooling
- Specially designed algae resistant suction strainer
- Silicon carbide mechanical seal
- Flows from 10 to 80 litres per minute
- Heads up to 96 metres
- PSC canned type motor with 127mm stainless shroud with exclusive plug-in power connection.

Single phase (240V) Diver pumps include remote control boxes fitted with push-button overload protection



Model/Part No	Kw HP	AMP	L/min	10	20	30	40	50	60	70	80
TES-DIVER75M(A)	.55 (75)	4.6	H (m)	35	33	30	26	22	18	14	9
TES-DIVER100M(A)	.75 (1)	5.9		50	45	41	35	30	25	18	11
TES-DIVER150M(A)	1.1 (1.5)	7.8		72	67	60	52	45	35	26	16
TES-DIVER200M	1.5 (2)	10.7		96	90	85	70	60	47	35	21
TES-DIVERDRY75M(A)	.55 (75)	4.6		35	33	30	26	22	18	14	9
TES-DIVERDRY100M(A)	.75 (1)	5.9		50	45	41	35	30	25	18	11

Performance Curves



Dimensions & Weights

MODEL	LENGTH (mm)	WEIGHT (Kg)
DIVER75	427	10
DIVER100	482	11.7
DIVER150	550	13.1
DIVER200	648	15.4

DIVER PUMPS



Diver Series - Automatic Pressure Systems

All MPCX Diver models include SK13B prewired to capacitor start box and mounted on a stainless steel wall bracket. Complete with cover.

Model/Part Number	Description
TES-DIVER75MPCX	Heads to 35m, flows to 80l/m, manual, 240V, 0.55kW inc. control box
TES-DIVER100MPCX	Heads to 50m, flows to 80l/m, manual, 240V, 0.75kW inc. control box
TES-DIVER150MPCX	Heads to 72m, flows to 80l/m, manual, 240V, 1.1kW inc. control box
TES-DIVERDRY75MPCX*	Heads to 35m, flows to 80l/m, manual, 240V, 0.55kW inc. control box
TES-DIVERDRY100MPCX*	Heads to 50m, flows to 80l/m, manual, 240V, 0.75kW inc. control box

Optional	
TES-CABLE100M20M	20m Power cable no float
TES-CABLE100MG20M	20m Power cable with float

*pump for intank use only.



HOT WATER CIRCULATOR PUMPS

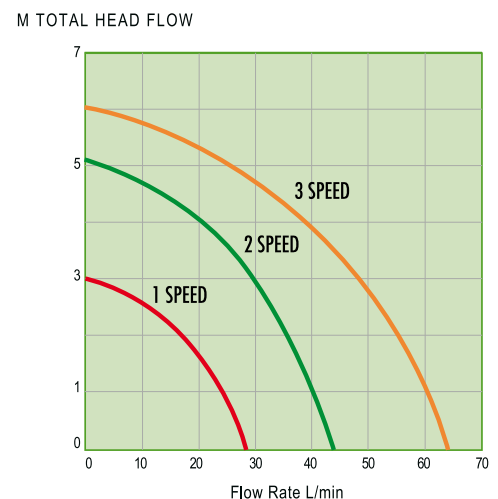
The pump is a 3 speed hot water circulating pump for domestic and industrial applications.

- Materials of construction suitable for potable water
- 3 speed operation for lower power consumption
- Easy to install
- Durable
- Quiet operation
- 20mm (3/4") barrel unions and seals supplied separately
- Flows to 65 l/min, heads to 6m



Model/Part Number	BIA-LRS32-6S	
Pump Performance:	Max. flow speeds 1,2,3: 20 l/m, 42 l/m, 65/m	
	Max. heads speeds 1,2,3: 3m, 5m, 6m	
Liquid:	Max. operation water temperature 80 deg C, Temperature CLASS 110	
Materials:	Pump body: Bronze, DR	
	Back plate and Rotor Can: Stainless Steel	
	Impeller: PPO	
Installation:	Maximum ambient temperature: 40 deg C	
	Maximum operating pressure: 10 bar	
	Pipe connections suction/discharge: 1-1/4" BSPM	
Electrical data:	Rated voltage: 240V	Mains frequency: 50Hz
	Current Max: 0.4 amps	Capacitor: 3 uF
	Power consumption speeds 1,2,3	Motor duty: Continuous
	Motor type: Canned rotor	Motor protection: In-built thermal overload
	Ingress protection: IP 42	Insulation class: F
	Power cable length: 1.2m	Net weight: 4.0kg

Performance Curves





■ AIR & WATER REELS



Air Reel - 20m



The Retractable Auto Hose Reel provides secure storage of your hose and allows you to extend and retract your hose without kinks and knots.

- 180° swivel rotation
- Includes 20 metre hose and fittings
- Convenient carry handle
- Automatic rewind



Water Reel - 20m



- Internal diameter hose 12mm (0.5")
- Max. pressure 1.0MPa (150PSI)
- Temperature range 5°C/45°C, Fittings 3/4" NPT
- 180° swivel rotation
- Includes 20 metre hose and fittings
- Convenient carry handle
- Automatic rewind



Auto Reel - 30m



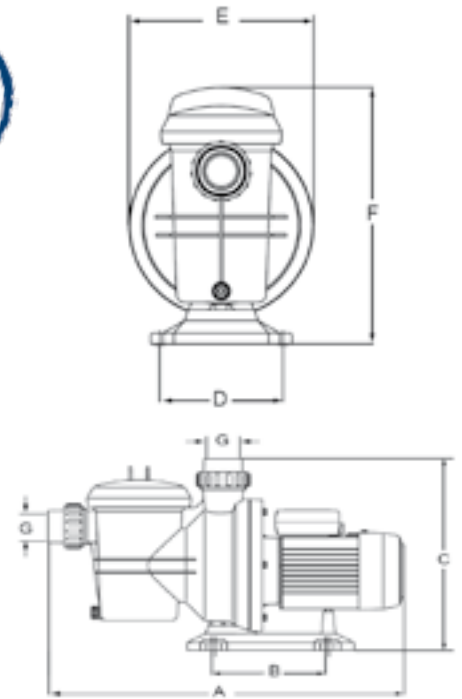
- Water reel with 30 metre hose
- Pipe is unwound simply by pulling it to any desired length
- Slow and steady automatic rewinding with locking system
- 1.7 metre supply hose equipped with quick release coupling and 3/4" tap nose (20 x 27) for water inlet
- Spray nozzle with jet adjustment
- Easy disassembling and transport for winter storage
- 180° lateral pivoting



POOL PUMPS



- The BIANCO range of pool pumps provides strong and quiet pumping performance in a compact, easy to install package.
- Self priming for ease of use.
- Constructed of strong corrosion and U.V. resistant materials for long and reliable working life.
- Powerful pumping performance delivers flow rates for rapid water turnover.
- Easy to remove, see through strainer lid allowing easy removal of debris.
- Large strainer basket allows long intervals between cleaning.
- 2m power lead with 10amp Australian three pin plug fitted to all models.
- Drain plug enables pump casing to be drained for easy maintenance.
- Heavy duty totally enclosed fan cooled double insulated motor.
- Electrically approved safe installation in the pool zone.
- Built-in thermal overload protects the motor against damage from overheating.
- Every unit is pressure and performance tested in factory ensuring quality and reliability.
- Barrel Unions included for ease of installation and service (FCP).
- High performance carbon ceramic mechanical seals for long life.
- Stainless steel motor shaft resists corrosion.
- Elevated pump mounting corrosion resistant base keeps moisture well away from the motor (FCP).
- Larger strainer basket to protect the pump and reduce frequent cleaning.
- Electrical Approval No: NSW23665



Pool Pumps

Model	Q max (l/min)	H max (m)	P2 (kW)	A	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Kg
CLP5001	133	10.0	0.50	4.6	438	n/a	145	120	174	218	1-1/2" BSPF	6.4



Model	Q max (l/min)	H max (m)	P2 (kW)	A	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Kg
FCP370S	215	12.5	0.37	3.6	550	170	345	160	238	330	40mm PVC	8.7
FCP550S	265	15.2	0.55	5.1	550	170	345	160	238	330	40mm PVC	9.3



Model	Q max (l/min)	H max (m)	P2 (kW)	A	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Kg
FCP750S	290	17.0	0.75	5.8	550	170	345	160	238	330	50mm PVC	10.4
FCP1100S	500	17.0	1.1	7.4	707	200	482	230	275	430	50mm PVC	16.6
FCP1500S	550	18.7	1.5	9.3	707	200	482	230	275	430	50mm PVC	19.0





POOL FILTERS



Pool Cartridge Filters

- High performance cartridge filters are used to maintain a clean and safe swimming environment for your family in your pool or spa.
- Contaminants and debris are collected in the fine fibres of the cartridge element pleats. The cartridge element is easily removed from the filter tank for periodic cleaning, eliminating the need for backwashing of the filtration system.
- Easy access to cartridge element via heavy duty lock ring.
- Auto pressure relief preventing damage to pump and filter should filter become blocked.
- Quick connect barrel unions for ease of plumbing.
- Choice of two inlet ports enables inlet to be installed at either 90 or 180 degrees to the outlet for installation versatility. No backwashing of filter required. Stainless steel long life oil filled pressure gauge.
- Compact, low profile UV resistant tank.



BIA-AF025

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-AF025	183	225	425	40	2.3	65880	350	43



BIA-AF075

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-AF075	283	225	781	40	7.00	101880	350	43



BIA-AF150

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-AF150	400	225	1141	50	13.90	144000	350	43

POOL FILTERS



Pool Sand Filters

- Improved water flow with ultra pure filtration.
- Corrosion and U.V. resistant polyester reinforced fibreglass winding design for exceptional strength which will not split.
- Resistance against chemicals and corrosion with the ability to withstand high temperatures.
- Barrel unions for ease of installation and serviceability.
- Top mount heavy duty 7 position including winterize multi-port valve with large easy to operate handle and built-in transparent waste port for inspection of backwash water.
- Standard stainless steel long life oil filled pressure gauge.
- Simple backwashing required periodically without need to hose

down filter elements. Suitable for use with Zeolite filter media.

Multi-port valve positions

FILTER - Normal filtration and vacuuming, water passes through filter to pool.

RINSE - For initial startup cleaning and sand bed leveling after backwash, water goes through filter to waste.

RECIRCULATE - Circulates water and bypasses filter.

BACKWASH - Reverses flow for cleaning filter, water goes through filter to waste.

CLOSE - Shuts off all flow to filter and pool. Pump must not be run in this position.

WINTER - Valve ports are partially open for winter storage.

WASTE - Lowers pool level, water bypasses filter and goes to waste.

10 YEAR WARRANTY ON TANKS
2 YEAR WARRANTY ON COMPONENTS



BIA-T21

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	Sand (kg)	Zeolite (kg)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-T21	192	525	680	40	0.22	85	65	69120	350	43

BIA-T25

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	Sand (kg)	Zeolite (kg)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-T25	270	625	780	40	0.30	155	120	97200	350	43

BIA-T32

MODEL	Q max (l/min)	Dia (mm)	H (mm)	Ports (mm)	Filter Area (m2)	Sand (kg)	Zeolite (kg)	6 Hour Turnover (litres)	Max Pressure (kPa)	Max Water Temp (°C)
BIA-T32	420	800	1035	50	0.50	210	160	151200	350	43





MULTISTAGE PUMPS

Stainless Steel Vertical Multistage Pumps



Applications:

- General water supply and pressure boosting
- Circulation of clean liquids in civil, industrial, farming, fire-fighting boosting systems
- Water supply for boiler or condensate systems
- Irrigation systems
- Washing systems
- Boiler feeding
- Circulation of moderately aggressive chemical liquids without solids

- Circulation of hot and cold water for heating, cooling and air-conditioning systems
- Farm water supply

Operating Conditions:

- Liquid temperature: -15° to +120°
- Ambient temperature: Maximum +40°
- Minimum inlet pressure: according to NPSH curve + safety margin of minimum 0.5m head

Model/Part No	Power (kW)	Q M3/H	1.0	1.2	1.5	1.6	2.0	2.4	2.8	3.0	3.2	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0		
2-70	0.75	HEAD (m)	63	61	58	57	52	47	41	38	35	28											
2-90	1.1		80	78	75	73	67	61	54	50	45	37											
2-130	1.5		116	114	110	106	98	89	78	72	65	52											
3-80	0.75			49	48	47	45	43	39	37	35	31	25										
4-60	1.1						54	53	52	52	51	50	48	51	37	28	20						
4-80	1.5						72	71	70	70	69	67	64	55	50	38	27						
4-100	2.2						90	89	88	87	86	84	81	71	62	48	34						
4-120	2.2						108	106	105	104	102	99	95	85	75	58	41						
8-40	1.5														41	39.5	38	36	34	32	28	26	
8-60	2.2														62	60	57	54	51	48	43	39	
8-80	3.0														83	80	77	73	69	65	58	52	
8-100	4.0														104	100	97	92	87	81	73	65	
8-120	4.0														124	120	116	111	104	92	87	78	



Multistage Pumps & Multiple Pump Sets available from New Zealand - POA

AQUATIC PUMPS

Water Feature Pumps

- Flow rates are to be used as a guide only
- Feature / Pond hose size and flow adjuster will effect flow rates
- DO NOT operate without water
- To suit small sized features
- Suitable for indoor use
- Subject to proper installation for outdoor use

2 YEAR WARRANTY - For material or manufacturing defects

	Model/Part No	Flow Rate LPH	Voltage	Power (watts)	Head Max.	Outlet Diameter	Cable Length
A	BIAWFP200	200LPH	240V	2.5W	0.5M	12mm	3M
B	BIAWFP350	350LPH	240V	6W	0.5M	12mm	3M
C	BIAWFP350 LV	350LPH	12V	6W	0.5M	12mm	3M
D	BIAWFP500	500LPH	240V	8W	1.1M	12mm	3M



Water Feature Pump 200LPH see A



Water Feature Pump 350LPH see B
for low voltage version see C



Water Feature Pump 500LPH see D

■ AQUATIC PUMPS

Pond Pumps



Pond Pump 750LPH see A
for low voltage version see B

- Flow rates are to be used as a guide only
- Pond hose size and flow adjuster will effect flow rates
- DO NOT operate without water, always ensure that water levels are maintained

- Suitable for small to medium sized features
- Ideal for indoor and outdoor use

2 YEAR WARRANTY - For material or manufacturing defects



Pond Pump 1000LPH see C
for low voltage version see D



Pond Pump 1300LPH see E
for low voltage version see F

	BIAPP750 See A	BIAPP750LV See B	BIAPP1000 See C	BIAPP1000LV See D	BIAPP1500 See E	BIAPP1500LV See F
Submersible	Yes	Yes	Yes	Yes	Yes	Yes
Flow Rate LPH	750LPH	750LPH	1000LPH	1000LPH	1300LPH	1300LPH
Voltage	240V	12V	240V	12V	240V	12V
Power (watts)	12W	12W	16W	16W	25W	25W
Head Max.	1.5M	1.5M	1.7M	1.7M	2.5M	2.5M
Fountain Type	FT03	FT03	FT03	FT03	FT03	FT03
Transformer Rating	N/A	1800mA	N/A	1800mA	N/A	3300mA
Outlet Diameter	12mm	12mm	19mm	19mm	19mm	19mm
Cable Length	10M	10M	10M	10M	10M	10M
Indoor	Yes	Yes	Yes	Yes	Yes	Yes
Outdoor	Yes	Yes	Yes	Yes	Yes	Yes
Feature Size	Small	Small	Medium	Medium	Medium	Medium
Attachments						
Jet Spray	1	1	1	1	1	1
Bell Spray	1	1	1	1	1	1
Telescopic Fountain Stem	1	1	1	1	1	1
Dual Flow Adjustor, Connector & T Piece	1	1	1	1	1	1



AQUATIC PUMPS

Pond Pumps

- Flow rates are to be used as a guide only
- Pond hose size and flow adjuster will effect flow rates
- DO NOT operate without water, always ensure that water levels are maintained
- Suitable for medium to large sized features
- Ideal for indoor and outdoor use

2 YEAR WARRANTY - For material or manufacturing defects

	BIAPP2000 See G	BIAPP2000LV See H	BIAPP3500 See I	BIAPP5000 See J	BIAPP6000 See K
Flow Rate LPH	2000LPH	2000LPH	3500LPH	5000LPH	6000LPH
Voltage	240V	12V	240V	240V	240V
Power (watts)	45W	39W	60W	99W	190W
Head Max.	3M	3M	3.5M	4M	4.8M
Fountain Type	FT04	FT04	FT04	FT05	FT05
Transformer Rating	N/A	2500mA	N/A	N/A	N/A
Outlet Diameter	25mm	25mm	25mm	25mm	25mm
Cable Length	10M	10M	10M	10M	10M
Indoor	Yes	Yes	Yes	Yes	Yes
Outdoor	Yes	Yes	Yes	Yes	Yes
Feature Size	Medium	Medium	Medium	Large	Large
Attachments					
Jet Spray	1	1	-	-	-
Bell Spray	1	1	-	-	-
Foam Jet	1	1	3	3	3
Telescopic Fountain Stem	1	1	1	1	1
Dual Flow Adjustor, Connector & T Piece	1	1	1	1	1



Pond Pump 2000LPH see G
for low voltage version see H



Pond Pump 3500LPH see I



Pond Pump 5000LPH see J



Pond Pump 6000LPH see K



ACCESSORIES



BIA-SK6



BIA-SK9A



BIA-SK12-5
BIA-SK12-10
BIA-FSK1



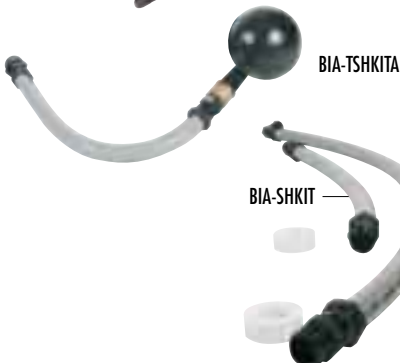
BIA-SK12CW
BIA-SK13CW



WHI-SK10A



WHI-SK13BA



BIA-TSHKITA

BIA-SHKIT

Model/Part No	Description
BIA-SK6	Loss of Prime Pressure Switch <ul style="list-style-type: none"> Pressure switch setting: 1 - 6 Bar Factory setting: 1.4 - 2.8 Bar 240V, 1ph, IP44 Connection: 6mm (1/4") BSP
BIA-SK9A	Adjustable Pressure Switch 6 Bar <ul style="list-style-type: none"> Stainless steel back plate Pressure switch setting: 1 - 6 Bar Factory setting: 1.4 - 2.8 Bar 240V, 1ph, IP44 Connection: 6mm (1/4") BSP
BIA-SK12-5	5 Metre Float Switch with H05 Neoprene Cable <ul style="list-style-type: none"> 240V, 1ph, 10 A max, "3 wire", IP68 Max 50 deg C
BIA-SK12-10	10 Metre Float Switch with H05 Neoprene Cable <ul style="list-style-type: none"> 240V, 1ph, 10 A max, "3 wire", IP68 Max 50 deg C
BIA-FSK1	10 Metre Float Switch with H07 Neoprene Cable <ul style="list-style-type: none"> 240V, 1ph, 16 A max, "3 wire", IP68 Max 50 deg C
BIA-FSK12CW BIA-FSK12CWB	Float Switch Counterweight <ul style="list-style-type: none"> 200g - new style float switch counterweight feature cable gland fixing 200g - new style float switch counterweight feature clip fixing
WHI-SK10A	Auto Restart Controller <ul style="list-style-type: none"> 240V, 1ph, 10 A max, 1.1kW, 1.5hp, IP65, Ports 1" BSPM Cut in pressure setting range 1.5 Bar
WHI-SK13BA	Adjustable Auto Restart Controller <ul style="list-style-type: none"> 240V, 1ph, 10 A max, 1.1kW, 1.5hp, IP65, Ports 1" BSPM Adjustable cut in pressure setting range 1.5 -3.0 Bar
BIA-TSHKITA	Rainwater Tank Suction Hose & Float Kit
BIA-SHKIT	Pressure Pump Suction Hose Kit 0.7m
BIA-DHKIT	Pressure Pump Discharge Hose Kit 1.4m



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