



whalepumps.com

COMPANY OVERVIEW

Munster Simms Engineering, better known under the product brand name Whale, is an independent company engaged in the design, manufacture, marketing and selling of pumps, valves, faucets and plumbing (water systems) for use in mobile or low voltage environments.

For over 40 years Whale products have enjoyed a worldwide reputation for quality and reliability. They are exported to over 60 countries throughout the world and are used in many industries, ranging from the medical profession to construction



Whale Water Systems maintain their position at the forefront of industry applying the latest in manufacturing technology coupled with innovation. From concept right through to final specification and build, every Whale product is designed to meet your specific system requirements. Performance, cost, durability and reliability are all attributes of Whale products

Whale Water Systems offer a comprehensive range of products for many markets and industries. Specially designed pumps and products are available for Diesel Transfer, Catering, Medical, Portable Fluid Transfer, Vehicle Conversion, and Agriculture. Manufacturers express a distinct preference for Whale products.



General Industrial applications are served from our wide range of established products. Whale products are built to last, and can handle a wide variety of fluid types. These products may be adapted to suit specific requirements upon request. These are subject to volumes and technical feasibility. Should you need any help or advice regarding Whale products, please contact our Customer Service Department or contact your local distributor where our experts will be pleased to answer any queries you might have.

From initial selection and inspection of materials, right through to final product testing, rigorous standards of engineering are applied. The result is a quality product you can rely on in the harshest environments.

GUSHER URCHIN

FEATURES

- Self primes when dry
- Can pump many liquids including diesel and light lubricating oil
- Pump head may be orientated in any direction
- Lightweight and robust
- Handle adjusts to any direction
- Heavy-duty version has aluminium external parts
- Versions for chemical pumping

Compact Transfer Pump



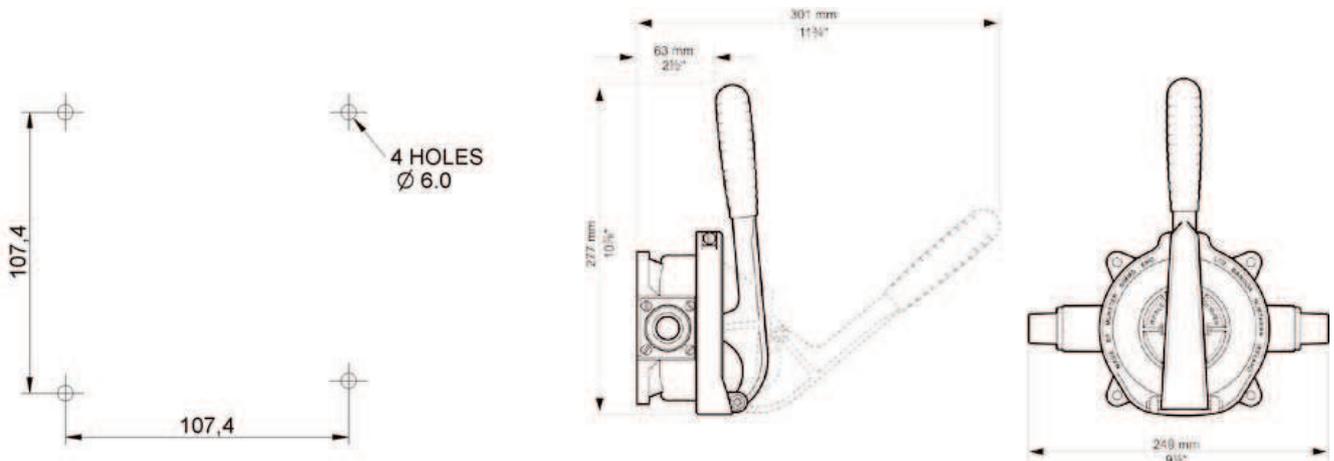
ND9010



ND9210

MODEL	ND9010	ND9210
Hose Connections	25mm/38mm Stepped hose tail Smooth hose connections	
Weight	600g	1000g
Maximum Lift	4 metres	4 metres
Maximum Head	3 metres	3 metres
Materials	Materials in contact with liquid: Moulded acetal, copolymer, glass filled polypropylene, nylon, stainless steel, Nitrile diaphragm External Materials: Diaphragm clamping ring & handle acetal co-polymer	Materials in contact with liquid: Moulded acetal, copolymer, glass filled polypropylene, nylon, stainless steel, Nitrile diaphragm External Materials: Diaphragm clamping ring & handle aluminium
Service Kits	AK9011 Nitrile diaphragm, valves and circlips SK9004 Butyl rubber diaphragm, valves and circlips SK9005 Viton rubber diaphragm, valves and circlips	

NOTE: For chemical compatibility please contact distributor



GUSHER URCHIN

GUSHER URCHIN Output in Litres per minute					
Lift in metres	Head in. metres	At 60 Strokes/minute 25mm	At 60 Strokes/minute 38mm	At 90 Strokes/minute 25mm	At 90 Strokes/minute 38mm
1	0.5	36*	49	47	68
2	0.5	33	46	44	64
3	0.5	31	43	40	55

* Stroke Volume 600ml

Tests carried out using cold water

Industrial Urchin Models



Telescopic pipe,
bung adapter, nozzle



Barrel Use



Splash guard

Chemical Transfer: Urchin Pumps are available for pumping acid and alkeline liquids, Hydrochloric Acid, Sulphuric Acid and Sodium Hydrochloride. For use with these and other chemicals contact Whale Pumps for details.

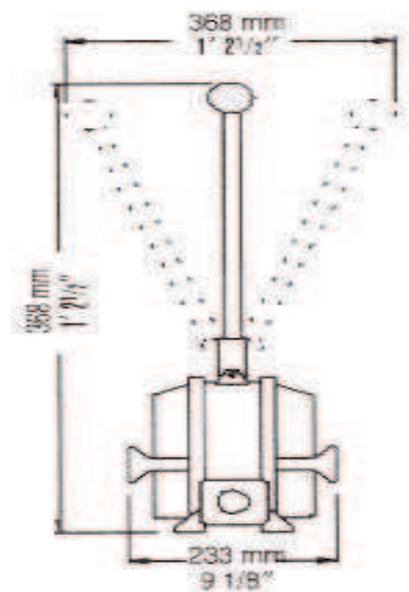
Gusher 30

FEATURES

- Over 117 litres per minute
- Two diaphragms ensure pump continues working if one is damaged
- Double action pump
- Diecast aluminium alloy body
- Nitrile valves and diaphragms to cope with diesel
- No tools required for inspection or cleaning
- Easy maintenance

MODEL	ND3060	ND3070
Description	Stand alone	Portable frame mounted
Hose Connections	38mm (1 1/2") Smooth bore hose connections	
Weight	1.47Kg	1.85Kg
Maximum Head	4 metres	4 metres
Materials	Materials in contact with liquid: LM6 alloy, Nitrile rubber compenents, stainless steel (18/8), Acetal co-polymer bushes, nylon handwheels	
Service Kits	AK3050 Contains diaphragms, valves and gasket	

NOTE: For chemical compatability please contact distributor



GUSHER 30

GUSHER 30 Output in Litres per minute			
Lift in metres	Head in. metres	At 60 Strokes/minute	At 70 Strokes/minute
0	0.5	100	117
1	0.5	95	111
2	0.5	95	111

Industrial Gusher 30 Models



ND3070



ND3060

Gusher Titan

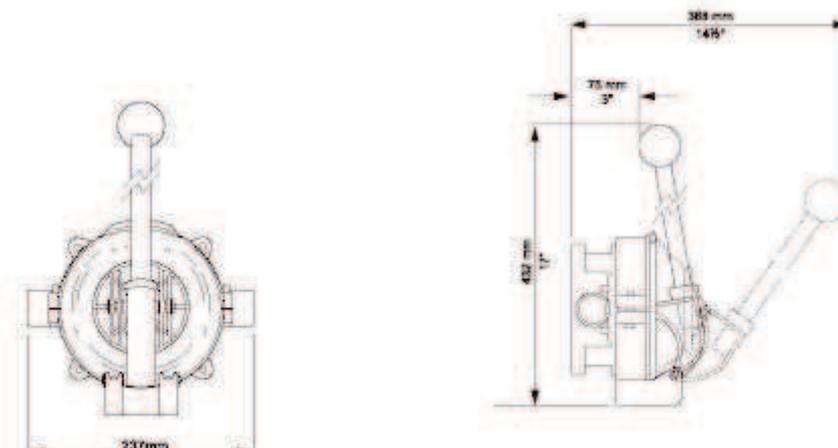
FEATURES

- 105 Litres (28 US gals)
- Easy to install
- Self priming
- Constructed from durable materials
- Easy removable clamp for quick maintenance
- Spring assisted outlet valve for easy priming
- Lightweight pump with light easy action



MODEL	ND4418 / ND4428	ND4424
Hose Connections	38mm (1 1/2") Smooth bore hose connections	
Weight	1.47Kg	1.85Kg
Maximum Head	4 metres	4 metres
Materials	Materials in contact with liquid: Moulded acetal copolymer, glass filled polypropylene, stainless steel, chromed phosphor bronze, Nitrile and Neoprene™	Materials in contact with liquid:
Service Kits	AK4400 Neoprene™ parts and AK4419 Nitrile parts for oil & diesel. Contains Diaphragms & valves	

NOTE: For chemical compatibility please contact distributor



GUSHER TITAN

GUSHER TITAN Output in Litres per minute			
Lift in metres	Head in. metres	At 60 Strokes/minute	At 70 Strokes/minute
1	0.5	114*	126
2	0.5	102	103
3	0.5	88	95

Industrial Titan Models



ND4424 Portable Pump



ND 4428 Floor Mounted pump with long handle

FEATURES

- Ideal where space is limited
- Angled spout and adjustable height
- Rotating spout making filling of utensils easier
- 56 ml per stroke (up and down)
- Narrow mounting base allows installation for use between two sinks
- Delivers a smooth flow on each stroke

Vertical Self Priming Hand Pump



GP0650



GP0642

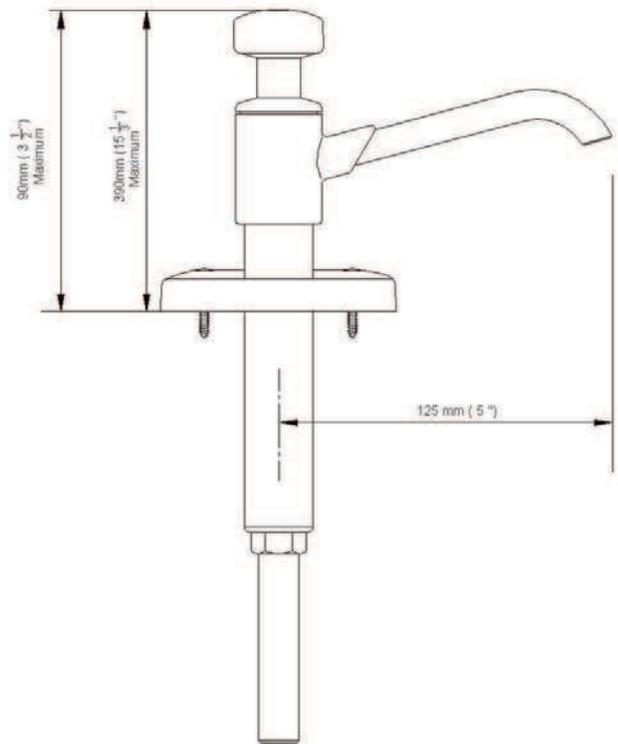
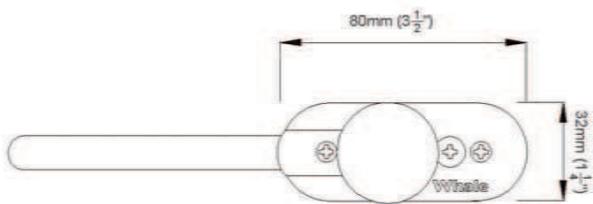


GP0660



GP0655

Model	Hose Connections	Weight	Materials	Max. Operating Temp.	Flowrate	Max. Prime
GP0650	Inlet: 15mm quick connect Outlet: Spout	260G	Acetal copolymer Anodised aluminium alloy Nitrile + Neoprene	65°C	8l / min Max.	3m (10ft)
CS0655	Inlet: 15mm quick connect Outlet: Spout	260G	Acetal copolymer Stainless steel 18/8 Viton	80°C	8l / min Max.	3m (10ft)
CS0642	Inlet: 1/8 BSPT Outlet: 6.75mm	460G	Acetal copolymer Stainless steel 18/8 Nitrile + Neoprene	65°C	8l / min Max.	3m (10ft)
CS0660	Inlet Outlet: 13mm	260G	Acetal copolymer Anodised aluminium Alloy Nitrile + Neoprene	65°C	8l / min Max	3m (10ft)



V Pump Application Areas

- Medical
- Portable vending
- Mobile catering

Submersible Pumps

FEATURES

- Simple, compact and low-cost pump
- Self-venting design eliminates air locking
- Designed to be dropped into a water tank
- Low power consumption

MODEL	GP88/99 Series	GP92 Series
Hose Connections	Suitable for 1/2" bore tubing	
Cable length	1.5 metres	1.5 metres
Voltage	12V D.C	24V D.C
Rec. fuse size	8 Amps	3 Amps
Maximum Head	8.5 metres	14 metres
Materials	Materials in contact with liquid: ABS, Polypropylene, Stainless steel, Nitrile, PVC	Materials in contact with liquid: PC ABS copolymer, PBT, Stainless steel, Nitrile, PVC
Duty Cycle	30 mins	30 mins

Self Venting Submersible Pump

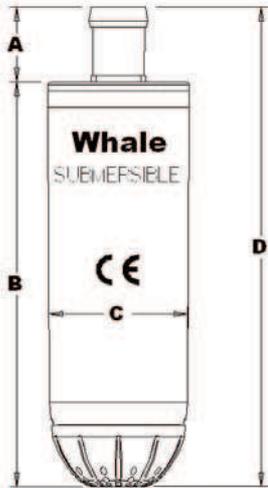


Self-venting Submersibles

In-line Pump

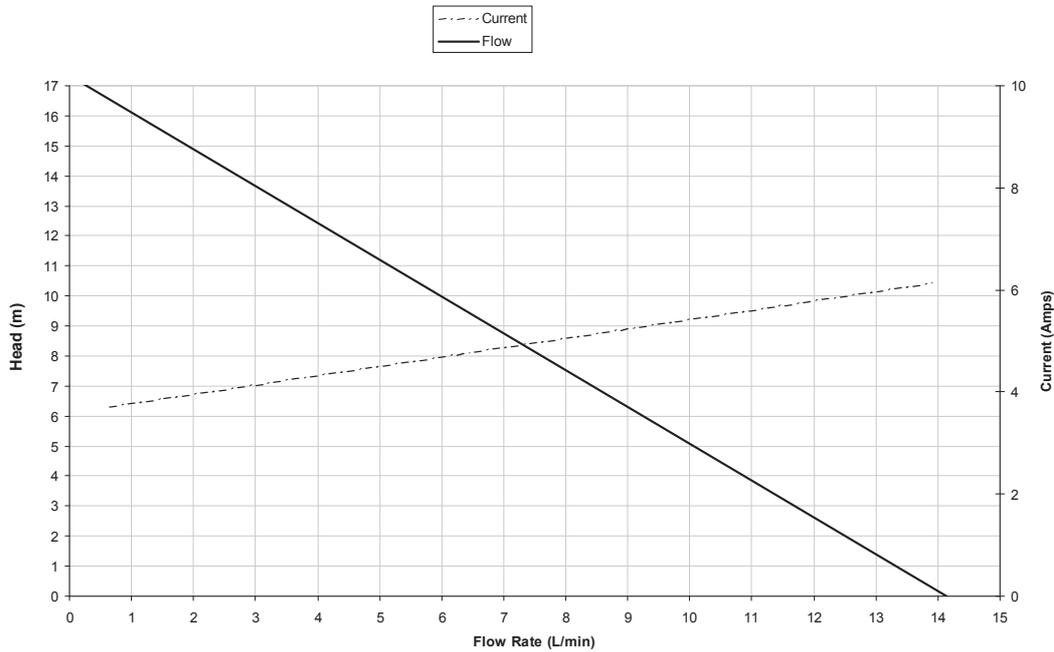


NOTE: For customization and chemical compatibility please contact distributor

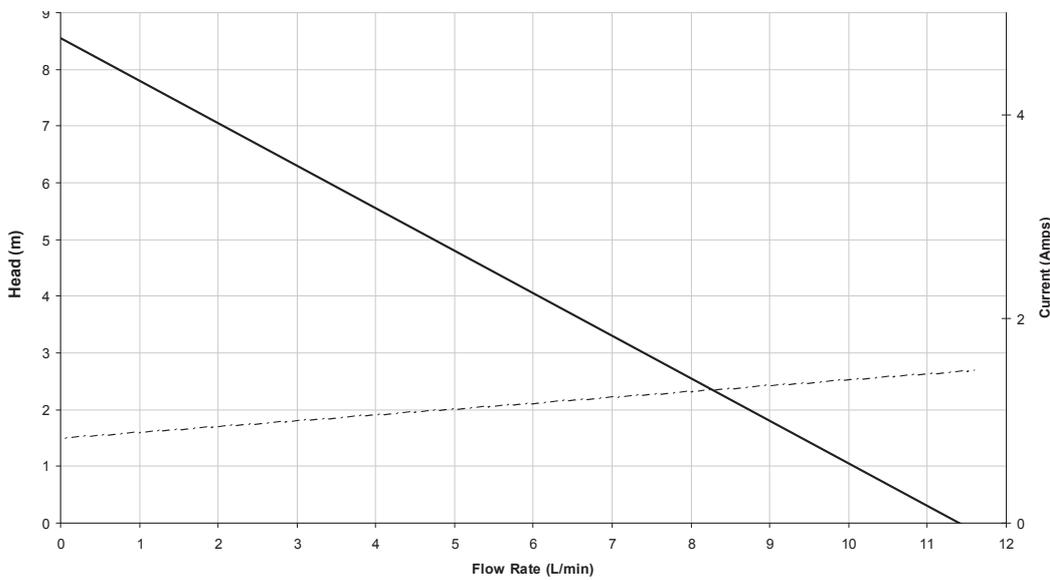


Model No.	A	B	D	E
GP8815	20mm	109mm	129mm	36mm
GP9216	25mm	141mm	166mm	40mm

Performance Data



GP92 Series



GP88/99 Series

- Product code**
- GP8815 - 12 Volt Self-venting submersible pump
 - GP8825 - 24 Volt Self-venting submersible pump
 - GP9216 - 12 Volt Self-venting submersible pump
 - GP9955 - 12 Volt In-line pump
 - GP9965 - 24 Volt In-line pump
 - GP9255 - 12 Volt In-line pump

GULPER PUMP RANGE

FEATURES

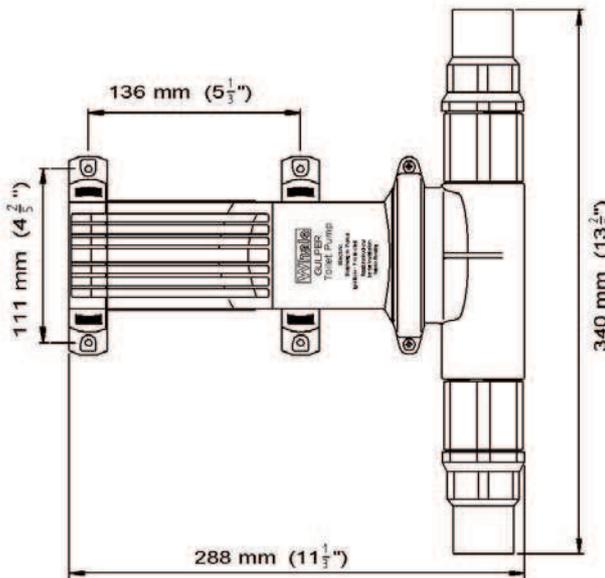
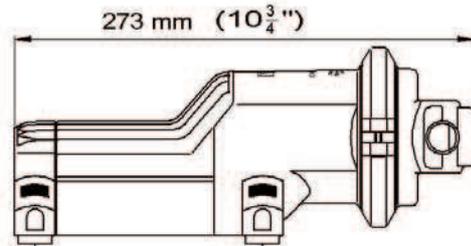
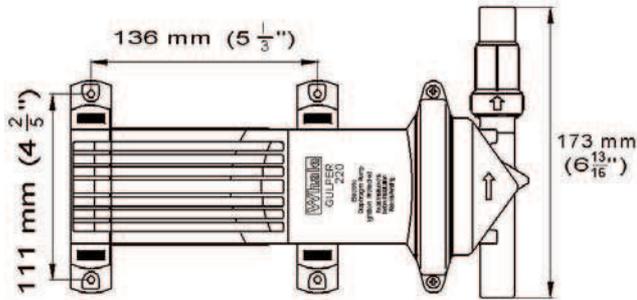
- Virtually unblockable
- Pumps air / liquid mixture
- No filter required
- Self Priming up to 9.8 feet
- Rotating Head allows Flexible Installation



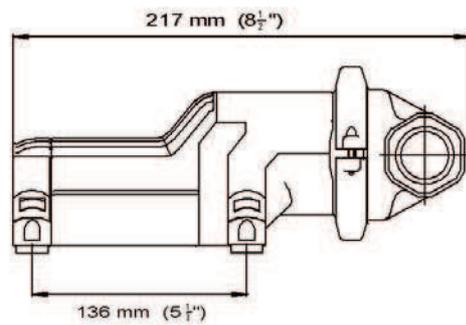
Model Specifications

MODEL	BP1552 / BP1554	BP2552 / BP2554	BP3552 / BP3554
Voltage (DC)	12V / 24V	12V / 24V	12V / 24V
Recommended Fuse Size	5 amp / 2.5 amp Automotive	7.5 amp / 5 amp Automotive	7.5 amp / 5 amp Automotive
Weight	1.75 Kg	2.12 Kg	2.12 Kg
Hose Connections	19mm	38mm	25.4mm
Minimum Wire Size	1.5mm ² (16AWG)	1.5mm ² (16AWG)	1.5mm ² (16AWG)
Maximum Lift	4 metres	4 metres	4 metres
Maximum Head	3 metres	3 metres	3 metres
Materials	Glass-filled nylon, acetal, EPDM, Nitrile, stainless steel, brass & aluminium	Glass-filled nylon, acetal, EPDM, Nitrile, hypalon rubber, stainless steel, brass aluminium, Brass	Glass-filled nylon, acetal, EPDM, hypalon rubber, stainless steel, brass aluminium, Brass

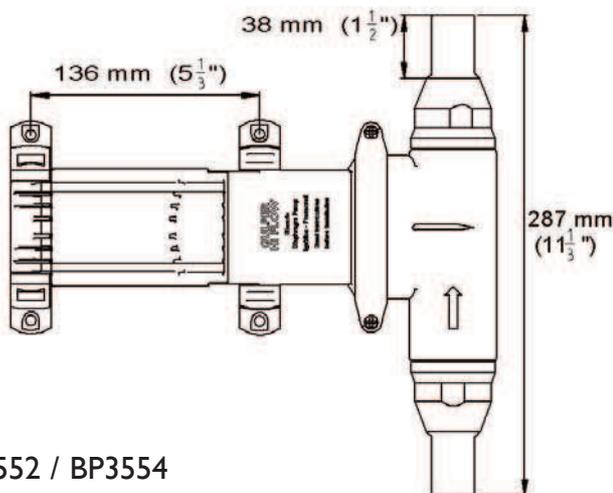
GULPER PUMP RANGE



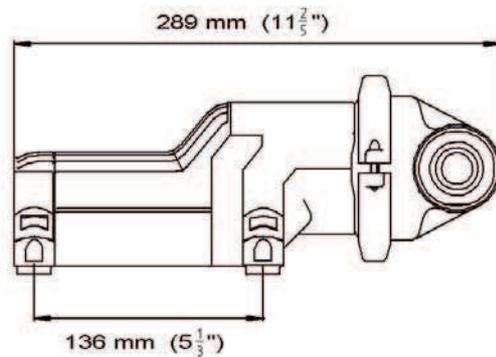
BPI552 / BPI554



BP2552 / BP2554

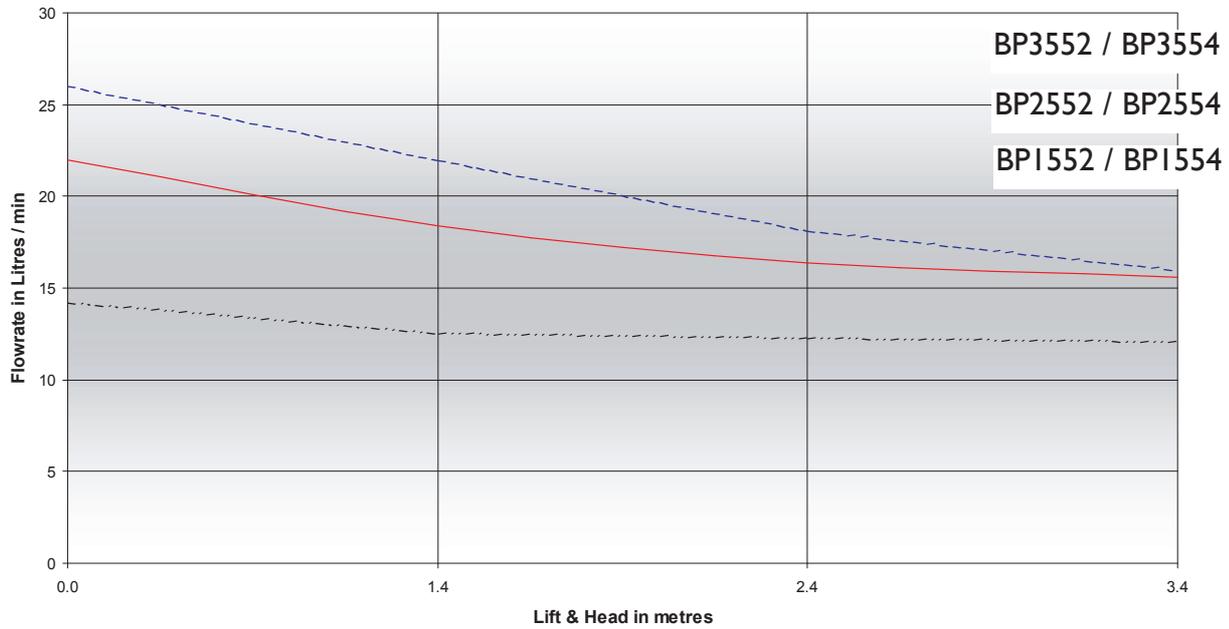


BP3552 / BP3554



Note: For customization and chemical compatibility please contact Whale Water

Performance Data



Gulper Models



BP1552 / BP1554



BP2552 / BP2554

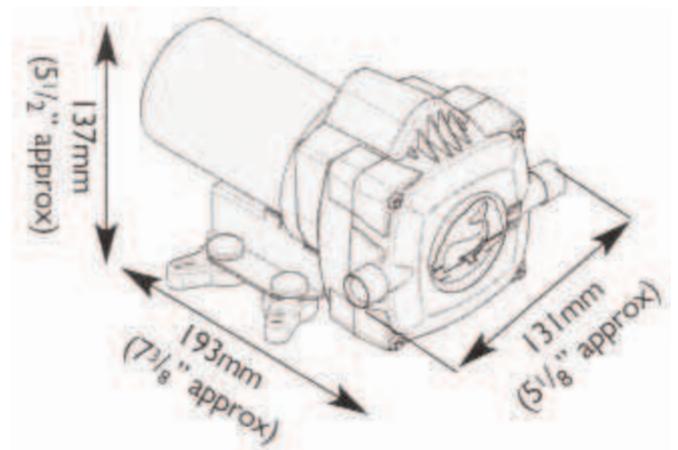
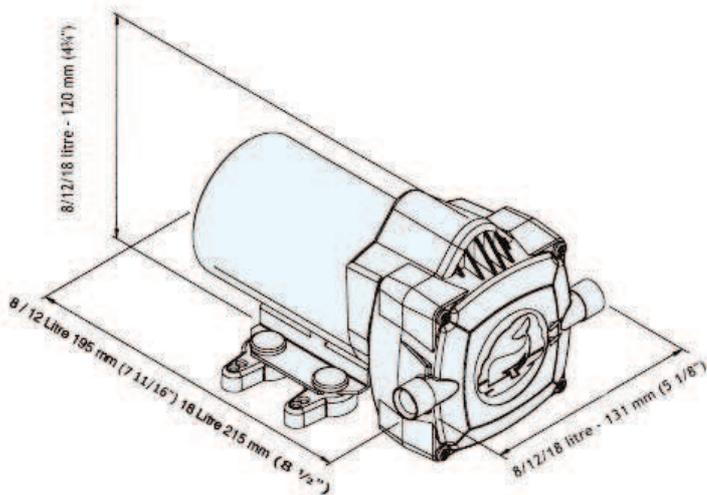


BP3552 / BP3554

WHALE AUTOMATIC PRESSURE PUMP RANGE

Features

- Probably the marine world's quietest range of pressure
- Especially flexible feet absorb system vibration to reduce noise further
- Retrofits any existing pump location
- Integral pressure switch (no external wires)
- Low power consumption giving greater battery life
- Splash proof (IP54)

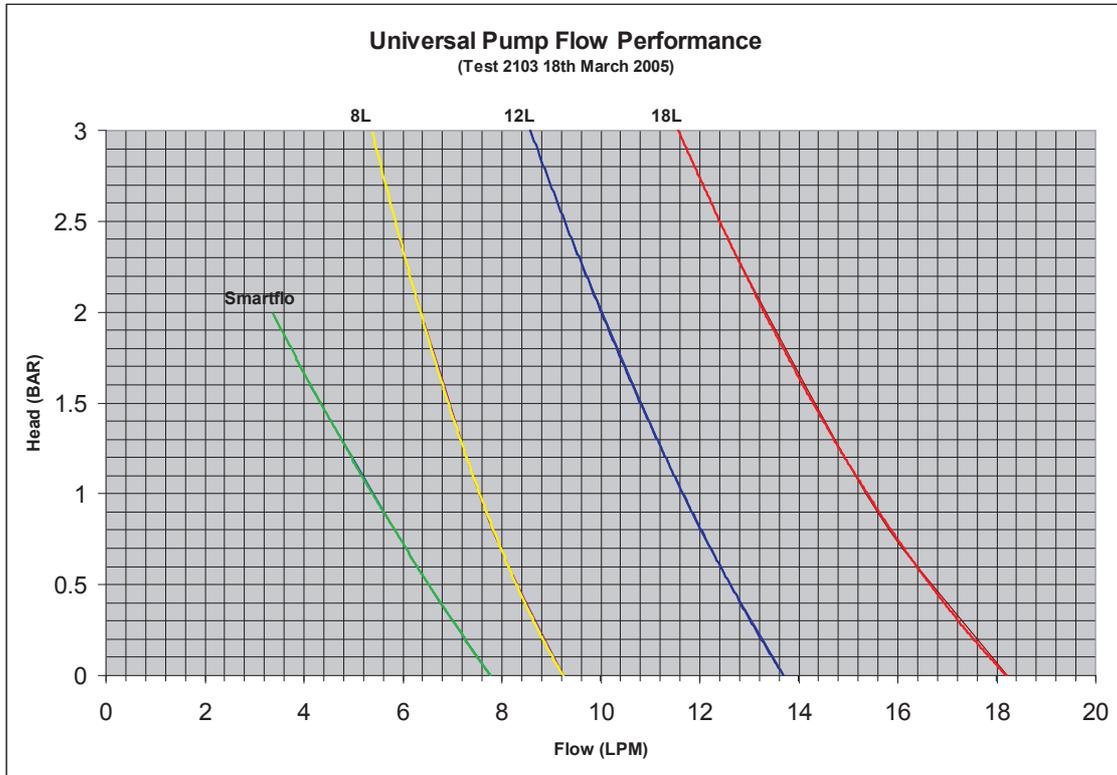


WHALE AUTOMATIC PRESSURE PUMP RANGE

Model Specifications

MODEL	WHISPERFLO		UNIVERSAL				JETFLO	
Product Code	UP0812	UP0815	UPI212	UPI214	UPI215	UPI225	UPI815	UPI825
Recommended No. of Outlets	2 to 3		3 to 4				4 to 6	
Open Flow Rate per min.	8 ltrs (2.2 US gals)		12 ltrs (3.2 US gals)				18 ltrs (4.75 US gals)	
Voltage (DC)	12V DC					24V DC	12V DC	24V DC
Cut Out Pressure	1 bar/ 15 psi	3 bar/ 45 psi	1 bar/ 15 psi	2 bar/ 30 psi	3 bar/ 45 psi			
Recommended Fuse Size	5 amp Automotive			8 amp Automotive		4 amp Automotive	2 amp Automotive	8 amp Automotive
Weight	2.4 Kg (5.3 lbs)						2.9 Kg (6.4 lbs)	
Inlet / Outlet Size	1/2" Male Thread						3/4" Male Thread	
Hose Connections	for 1/2" flexible hose use AS0314 (comprises of EP9910 - Elbow, EP9920 - Straight (supplied with pump))						N/A	
Semi- rigid Pipework Systems	For Quick Connect 15mm use WX1532 (not supplied with pump) For Quick Connect 12mm use WX1232 (not supplied with pump)						For System 22 use WS2242 (not supplied with pump) For Quick Connect 15mm use WX1542 (not supplied with pump)	
Materials in contact with liquid	Glass filled polypropylene, monoprene, Nitrile, stainless steel							
Service Kits	AK1317 (Microswitch Kit)							
Minimum Wire Size	2.5mm ² (13AWG)							
Maximum Head	10m (33ft)	30m (98ft)	10m(33ft)	20m (66ft)	30m (98ft)			
Maximum Lift	3m (10ft)							

Performance Data



Universal Models



Whisperflo -
UP0812 / UP0814



Universal -
UPI212 / UPI214 / UPI215 / UPI225



Jetflo -
UPI815 / UPI825