







MARINE PRODUCTS COLLECTION



Taking You Further

Navico Group is the world's leading supplier of integrated systems and products to industries ranging from marine to recreational vehicles. We bring together the best brands, products and people to create groundbreaking innovations that reinvent the consumer experience. Our broad portfolio of the industry's leading brands in power management, digital control & monitoring, networked devices, and marine electronics are distributed globally to a diverse aftermarket and OEM customer base. Navico Group is driven, every day, to be the world's most trusted partner to the marine and mobile industries, and beyond.













Founders Vision

In 1810, Munster Simms Engineering was established as a distribution and petroleum company. The business has undergone many changes since, moving to manufacturing brass bilge pumps for the Royal Navy during the Second World War in 1939, launching pumps to the Marine sector in the 1940s and then supplying pumps and taps to the RV market in the 1960s. Fast forward 60 years and Whale now supply a comprehensive range of water systems, water heating systems and space heating solutions across a range of mobile applications.

Innovation

Award winning innovative products; designed and manufactured to deliver the highest standards of performance and safety, enhancing the user experience.

Quality

Relentless pursuit to exceed consumer expectations through continuous improvement in the design, product quality and service.

Service

Best in class, friendly, transparent support throughout the consumer journey. Always prepared to go the extra mile.



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AWARD WINNING ELECTRIC PUMPS FROM THE EXPERTS IN BILGE SYSTEMS

From the iconic Gusher range to the original low profile Supersub, Whale have always led the way in everything bilge.

From ground-breaking pump and water system designs through to recent innovative leaps in electronically controlled systems, Whale offers peace of mind.

SUPERSUB SMART

THE ORIGINAL, AWARD-WINNING, LOW PROFILE, NARROW, AUTOMATIC ELECTRIC BILGE PUMP PROVEN OVER 20 YEARS

- No separate bilge switch required
- Low profile design is ideal for narrow bilge
- Retrofittable with angled mounting bracket to aid installation
- Low power consumption
- Suitable for use in fresh and saltwater
- Integrated bleed ball prevents air locks

		Supersub Smart			
Model	Supersub Smart 650 (with non return valve)	· · · · · · · · · · · · · · · · · · ·			
PART NUMBER	SS5212	SS1212	SS1224		
Weight	0.3kg (0.7lbs)	0.5kg (1.0lbs)	0.5kg (1.0lbs)		
Voltage	12V d.c.	12V d.c.	24V d.c.		
Fuse size	5 amps 5 amps		2.5 amps		
Cable size	1.5mm² (16AWG)				
Hose connection	19mm (¾") / 25mm (1")				
Materials	Pump Body: Polypropylene, High Temperature ABS, Fully Potted Circuitry. Locking Ring: Acetal, Impeller: Glass-Filled PBT, Seals: Nitrile, Fasteners: Stainless Steel				
Materials in contact with fluid	Polypropylene, ABS, Glass-Filled PBT, Nitrile				

		Performance	
PART NUMBER	SS5212	SS1212	SS1224
Max discharge head		3m (10ft)	
Open flow rate	40 ltrs/min (650 US GPH)	66 ltrs/min	(1050 US GPH)
Open flow rate at 1m (3ft) head	34 ltrs/min (550 US GPH)	47 Itrs/min	(750 US GPH)

For further guidance on the selection of the correct pump, please see page 119

WARRANTY 3 YEARS

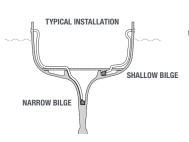
- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 8846
- ISO 10133
- ABYC H-22



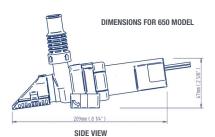
QUALITEC TECHNOLOGY AWARD



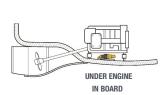




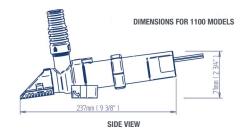














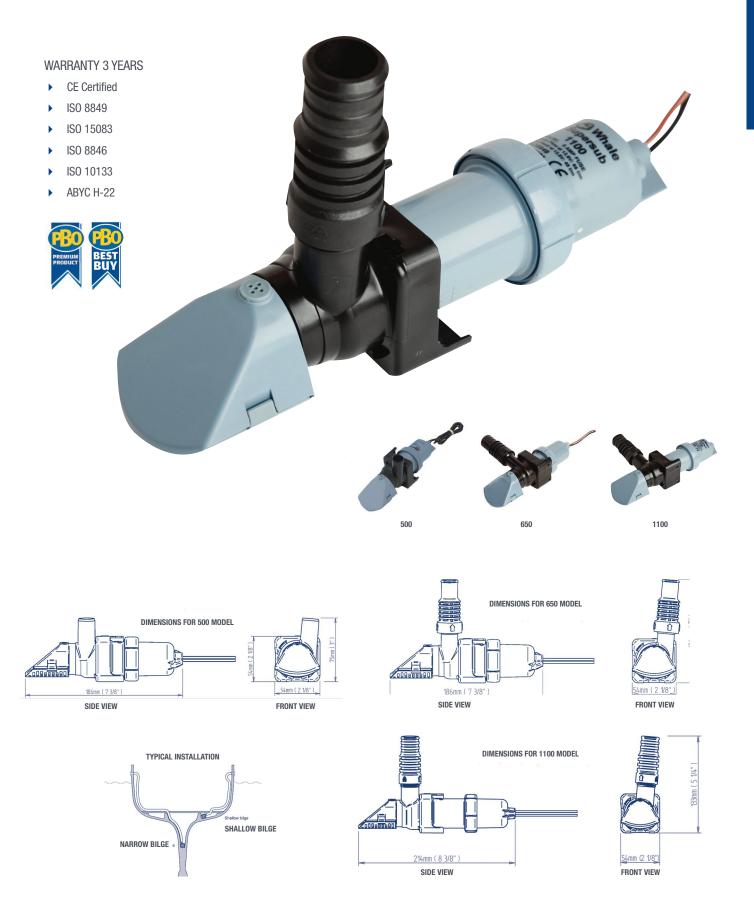
DESIGNED TO FIT IN NARROW BILGE SPACES WHERE OTHERS DO NOT REACH

- Easy installation outlet and pump body rotate to suit your installation
- Easy maintenance with unique easy clean strainer
- ▶ Efficient operation low power consumption
- ▶ Low profile strainer leaves bilge almost dry
- ▶ Integrated bleed ball prevents air locks

	Supersub					
MODEL	Supersub 500	Supersub 650 (with non return valve)	Supersub 1100 (with non return valve)	Supersub 1100 (with non return valve)		
PART NUMBER	SS5012	SS5022	SS1012	SS1024		
Weight	0.27kg (0.6lbs)	0.4kg (0	0.9lbs)		
Voltage		12V d.c.		24V d.c.		
Fuse size	5 amps 2.5 amps					
Cable size	1.5mm² (16AWG)					
Hose connection	19mm (¾")					
Materials	Pump Body: Polypropylene, High Temperature ABS, Fully Potted Circuitry. Locking Ring: Acetal, Impeller: Glass-Filled PBT, Polypropylene, Seals: Nitrile, Fasteners: Stainless Steel					
Materials in contact with fluid	Polypropylene, ABS, Glass-Filled PBT, Nitrile					
Accessories	Electric bilge switches BE9003 and BE9006, for all bilge accessories see page 38-40, Non return valve LV1219					

	Performance				
PART NUMBER	SS5012	SS5022	SS1012 / SS1024		
Max discharge head		3m (10ft)			
Open flow rate	32 Itrs/min (500 US GPH)	40 Itrs/min (650 US GPH)	66 ltrs/min (1050 US GPH)		
Open flow rate at 1m (3ft) head	25 Itrs/min (400 US GPH)	34 ltrs/min (550 US GPH)	47 Itrs/min (750 US GPH)		

For further guidance on the selection of the correct pump, please see page 119



COMPACT, POWERFUL AND AUTOMATIC

- Simple to install, built-in automatic sensor. No separate bilge switch required
- ▶ Low current draw means longer battery life
- ▶ Efficient large filter ensures maximum surface area exposed to bilge water
- Neat fit in compact bilge areas
- ▶ Easy maintenance simply unclip cover to maintain

Model	Orca Auto 1300		
PART NUMBER	BE1482	BE1484	
Weight	0.9kg (2.0lbs)		
Voltage	12V d.c.	24V d.c.	
Fuse size	7.5 amps	5 amps	
Cable size	1.5mm² (16AWG)		
Hose connection	25mm (1") / 28mm (11/s") stepped port		
Materials	Pump Body: ABS, Seals	: Nitrile, Impeller: Acetal	

	Performance
PART NUMBER	BE1482 / BE1484
Max discharge head	4.5m (14.8ft)
Open flow rate	82 ltrs/min (1300 US GPH)
Flow rate at 1m (3ft) head	65 ltrs/min (1100 US GPH)

For further guidance on the selection of the correct pump, please see page 119

pull up cover to remove

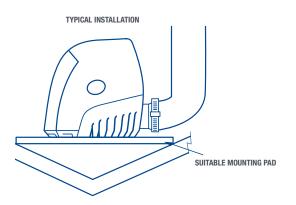
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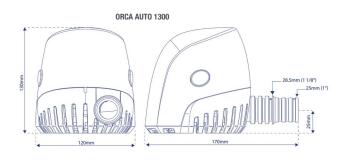
WARRANTY 3 YEARS

- **CE** Certified
- ISO 8849
- ISO 15083
- ISO 8846
- ISO 10133
- ABYC H-22









COMPACT, EFFICIENT DESIGN

- ▶ Easy installation outlet and pump body rotate to suit your installation
- Easy to maintain unique easy clean strainer
- ▶ Low current draw means longer battery life
- Neat fit in compact bilge areas

	Orca						
Model	Orca 500	Orca 950	Orca 1300	Orca 1300	Orca 2000	Orca 2000	Orca 3000
PART NUMBER	BE0500	BE0950	BE1450	BE1454	BE2002	BE2004	BE3004
Weight	0.28kg (0.6lbs) 0.45kg (1.0lb) 0.82kg			(1.8lbs)	1.32kg (2.9lbs)		2.64kg (5.8lbs)
Voltage		12V d.c.		24V d.c.	12V d.c.	24V d.c.	24V d.c.
Fuse size	2 amps	5 amps	7.5 amps	5 amps	15 amps	7.5 amps	15 amps
Cable size	1.5mm² (16AWG)						
Hose connection	19mm (¾") 25mm (1") / 28mm (1½") 28mm (1½") 32mm (1½")					32mm (1¼")	
Materials	Pump Body: ABS, Seals: Nitrile, Impeller: Acetal						
Accessories	Electric bilge switches BE9003 and BE9006, for all bilge accessories see page 38-40						

	Performance				
PART NUMBER	BE0500	BE0950	BE1450 / BE1454	BE2002 / BE2004	BE3004
Max discharge head	3m (9.8ft)	3.5m (11.5ft)	4.5m (14.8ft)	4m (13ft)	4.6m (15ft)
Open flow rate	32 ltrs/min (500 US GPH)	59 ltrs/min (950 US GPH)	82 ltrs/min (1300 US GPH)	126 Itrs/min (2000 US GPH)	189 Itrs/min (3000 US GPH)
Flow rate at 1m (3ft) head	28 ltrs/min (450 US GPH)	53 Itrs/min (950 US GPH)	69 Itrs/min (1100 US GPH)	104 Itrs/min (1650 US GPH)	170 Itrs/min (2700 US GPH)

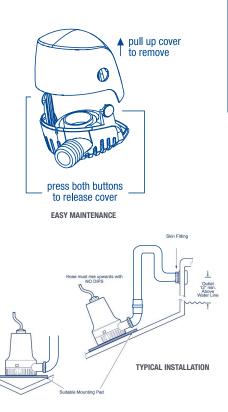


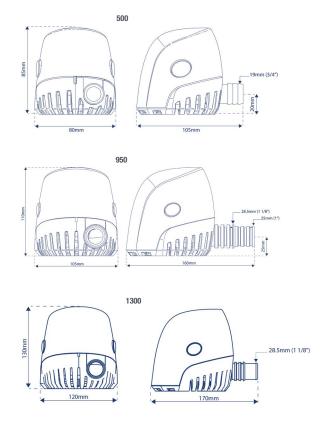
For further guidance on the selection of the correct pump, please see page 119

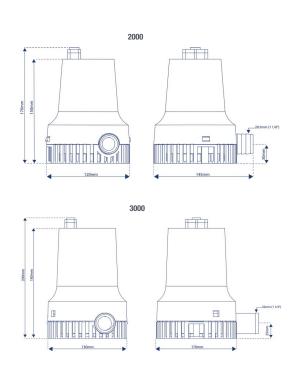
WARRANTY 3 YEARS

- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 8846
- ISO 10133
- ABYC H-22









PRE-WIRED REMOTE MOUNTED BILGE SYSTEM (4 IN 1) WITH AUTOMATIC INTELLIGENT CONTROL

- Small footprint strainer with integrated sensor fits into confined spaces
- Remote mounted pump with integrated electronics intelligent control
- Multi directional head for easy installation
- Low current draw means longer battery life
- Override wire included for manual activation

Model	Bilg	Bilge IC			
PART NUMBER	SI8284	SI8484			
Weight	2.6kg	(6.5lbs)			
Voltage	12V d.c.	24V d.c.			
Fuse size	10 amps	5 amps			
Cable size	1.5mm ² (16AWG)				
Cable length	4m (13ft)				
Hose connection	Barbed Connections Gulper IC 19mm (¾") or 25mm (1"), Strainer IC 19mm (¾")				
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®				
Materials in contact with fluid	Glass-filled Nylon, Nitrile, Santoprene®				
Service kits	AK2050 - Replacement Pump Head				

	Performance			
PART NUMBER	SI8284 / SI8484			
Hose size	19mm (¾")	25mm (1")	19mm (¾")	25mm (1")
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)
Flow rate	19 Itrs/min (300 US GPH)	17.5 ltrs/min (276 US GPH)	17.4 ltrs/min (270 US GPH)	15.5 ltrs/min (246 US GPH)

For further guidance on the selection of the correct pump, please see page 119

WARRANTY 3 YEARS

- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 8846
- ABYC H-22



EASY ACCESS REMOTE BILGE PUMP FOR PROTECTION AND EASY INSPECTION

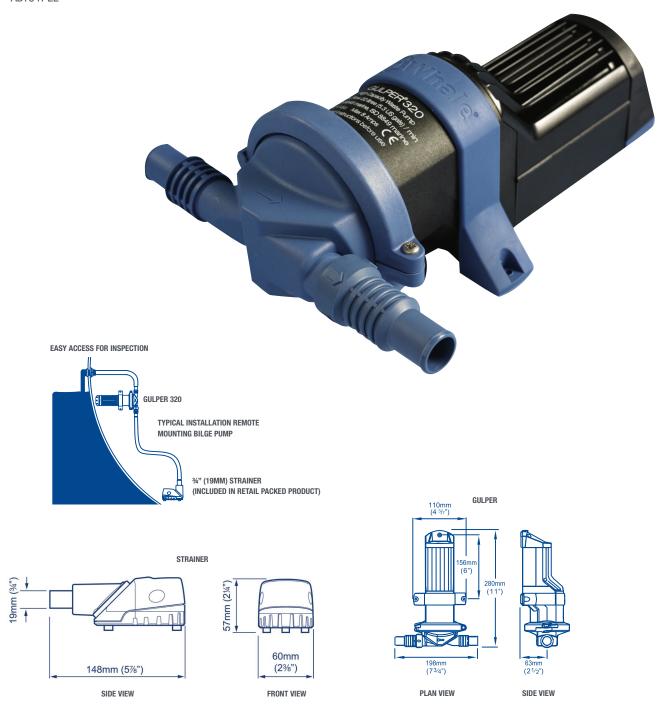
- Remote mount pump for easy access
- ▶ Low current draw means longer battery life
- Multi directional head for easy installation
- ▶ Easy maintenance non-choke valve, no filter to block or clean
- ▶ Self-primes and can run dry without damage

Model	Gulper 320		
PART NUMBER	BP2052	BP2054	
	Includes 19mm (¾") strainer		
Weight	1.6kg (3.5lbs)		
Voltage	12V d.c.	24V d.c.	
Fuse size	10 amps	5 amps	
Cable size	1.5mm² (16AWG)		
Hose connection	19mm (¾") or 25mm (1")		
Materials	Pump Head: Glass-Filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®		
Accessories	SB3422 19mm (¾") strainer (multi-directional port)		
Service kits	AK2050 - Replace	ement Pump Head	

	Performance				
PART NUMBER		BP2052 / BP2054			
Max suction lift		3m ((10ft)		
Max discharge head		3m ((10ft)		
Discharge head and suction lift combined	4m (13ft)				
Hose size	19mm (¾") 25mm (1") 19mm (¾") 25mm (1")				
Suction lift	0m (0ft) 0m (0ft) 1m (3ft) 1m (3ft)				
Discharge head	1m (3ft) 1m (3ft) 1m (3ft) 1m (3ft)				
Flow rate	19 Itrs/min (300 US GPH)	17.5 ltrs/min (276 US GPH)	17.5 ltrs/min (276 US GPH)	15.5 ltrs/min (246 US GPH)	

WARRANTY 3 YEARS

- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 8846
- ABYC H-22







OVER 70 YEARS OF PROVEN EXPERTISE IN MANUAL BILGE

Since 1940, Whale's range of tough, long-life manual bilge systems have put safety and reliability first. Today, our extensive offering includes manual pumps for all boat sizes and needs, along with accessories for the complete system.

THE ORIGINAL BILGE PUMP CHOICE FOR SAILORS IN EXTREME CONDITIONS

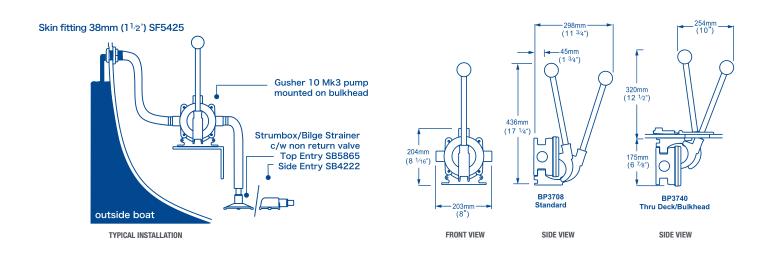
- ▶ Top performance 65 ltrs/min (17 US Gals)
- ▶ High flow non-choke valves, no filter to block or clean
- Mounting options on deck, thru deck, bulkhead
- Designed for easy installation and maintenance
- Easy pump action

Model	Gusher 10		
	On Deck / Bulkhead	Thru Deck / Bulkhead	
PART NUMBER	BP3708	BP3740	
Weight	2.3kg ((5.0lbs)	
Hose connection	38mm (1½")		
Materials	Pump Body: Marine Grade LM6 Aluminium Alloy (epoxy coated), Diaphragm: Neoprene (Nitrile option available), Fasteners: Stainless Steel		
Materials in contact with fluid	Marine Grade LM6 Aluminium Alloy (Epoxy Coated), Neoprene, Nitrile, Stainless Steel		
Service kits	AS4405 - Spare Handle, DP8904 - Plastic Deck Plate Lid, DP3804 - Alloy Deck Plate		
Accessories	AS4405 - Spare Handle		

	Performance			
PART NUMBER	BP3708 / BP3740			
Maximum suction lift	4m (13ft)			
Maximum discharge head	4m (13ft)			
Suction lift	1m (3ft)	2m (6ft)		
Discharge head	0.5m (1.5ft)	0.5m (1.5ft)		
45 Strokes per minute	41 ltrs/min (11 US Gals) 41 ltrs/min (11 US Gals)			
70 Strokes per minute	65 ltrs/min (17 US Gals)	65 ltrs/min (17 US Gals)		

For further guidance on the selection of the correct pump, please see page 120

WARRANTY 5 YEARS Suitable as a primary bilge pump on boats equal to or greater than 24m (80ft) in accordance with ISO 15083 **AUUU**HUUUUU **GUSHER 10 MK3** THRU DECK/BULKHEAD BP3740



LARGEST CAPACITY MANUAL BILGE PUMP IN THE WHALE RANGE

- ▶ Top Performance 117 ltrs/min (31 US Gals)
- ▶ Reliability fully enclosed twin diaphragms
- ▶ Efficient operation, double acting pumps on to and fro strokes
- Pumps oily bilge water with ease
- Robust design, corrosion resistant powder coated aluminium alloy

Model	Gusher 30		
	On Deck	On Bulkhead	Thru Deck only
PART NUMBER	BP3000	BP3010	BP3020
Weight	5.05kg (11.1lbs) 5.9kg (13lbs)		5.9kg (13lbs)
Hose connection	38mm (1½")		
Materials	Pump Body: Marine Grade LM6 Aluminium Alloy (epoxy coated), Diaphragm: Neoprene, Bushes: Acetal, Handwheels: Nylon, Fasteners: Stainless Steel		
Materials in contact with fluid	Marine Grade LM6 Aluminium Alloy (Epoxy Coated), Nitrile®, Stainless Steel		
Service kits	AK3051 - Service Kit for Gusher® 30, Contains: Diaphragms, Valves, Gasket, AS3725 - Gaiter Kit - for use with BP3020, AS3016 - Handwheel / stud kit, AS3015 - Lever Assembly		
Accessories	AS3095 - Spare H	andle, DP3804 - Deckplate, AS3020 - Deckpla	ate Conversion Kit

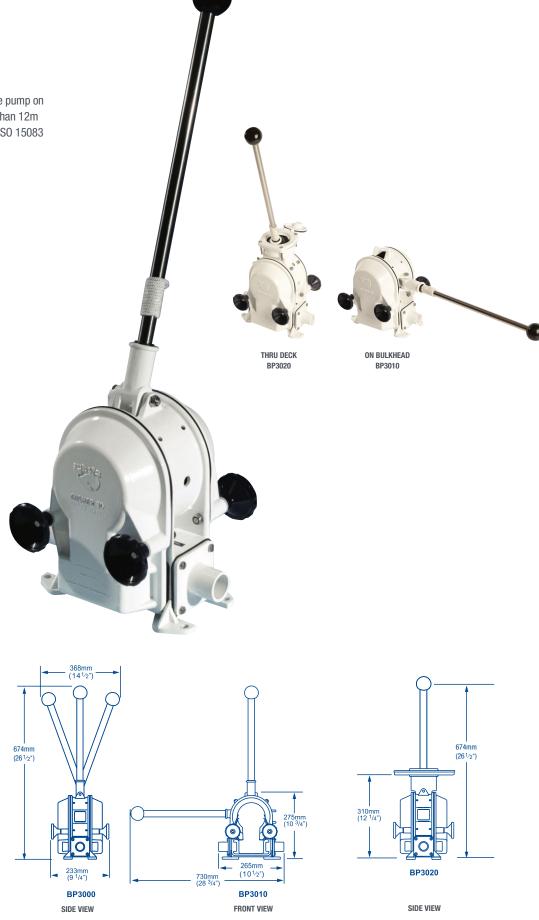
	Performance		
PART NUMBER	BP3000 / BP3010 / BP3020		
Maximum suction lift	4m (13ft)		
Maximum discharge head	4m (13ft)		
Suction lift	Om (Oft)	1m (3ft)	2m (6ft)
Discharge head	0.5m (1.5ft)	0.5m (1.5ft)	0.5m (1.5ft)
40 Strokes per minute	75 ltrs/min (20 US Gals) 71 ltrs/min (19 US Gals) 71 ltrs/min (19 US Gals)		
70 Strokes per minute	117 ltrs/min (31 US Gals)	111 ltrs/min (29 US Gals)	111 ltrs/min (29 US Gals)

For further guidance on the selection of the correct pump, please see page 120

WARRANTY 5 YEARS

- Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO 15083
- Approved by Lloyds (MCA)
- ▶ ISO 18813







COMPACT BILGE AND WASTEWATER TRANSFER PUMP

- ▶ Top performance 55 ltrs/min (14.5 US Gals)
- Multiple mounting options
- Compact design, ideal for confined spaces
- Clamp ring easily removed for pump head rotation and quick maintenance
- Versatility of design dual size ports

Model	Gusher Urchin			
	On Deck - Fixed handle	Thru Deck / Bulkhead	On Deck - Removable handle	
PART NUMBER	BP9005	BP9013	BP9021	
Weight	0.6kg (1.3lbs)	0.96kg (2.0lbs)	0.7kg (1.5lbs)	
Hose connection	25mm (1") or 38mm (1½")			
Materials	Pump Body: Glass-filled Polypropylene, Clamp Ring: Acetal, Diaphragm: Neoprene, (Nitrile® option available), Operating Lever BP9005: Glass-filled Nylon, Handle (BP9021 and BP9013 only), Springs, Fasteners: Stainless Steel			
Materials in contact with fluid	Glass-filled Polypropylene, Nitrile, Neoprene, Stainless Steel			
Service kits	AK9003 - Neoprene Parts, AK9011 - Nitrile Parts for Oil and Diesel, Contains: Diaphragms, Valves and Circlips, AS9061 - Whale Gusher Urchin Fork Assembly Under deck + Rh, AS9062 - Whale Gusher Urchin Clamp Ring Kit Std + Rh, AS9066 - Whale Gusher Urchin Clamp Plate Kit, AS9064 - Whale Gusher Urchin Thru Deck or Bulkhead Service Kit			
Accessories	· ·	it (for BP9013 and BP9021 only), AS9060 - S 80 - Spare Handle (for BP9013 and BP9021 o		

	Performance				
PART NUMBER		BP9005 / BP9013 / BP9021			
Maximum suction lift		4m (13ft)			
Maximum discharge head		3m (10ft)			
Hose size	25mm (1")	38mm (1½")			
Suction lift	1m (3ft)	1m (3ft)	2m (6ft)	2m (6ft)	
Discharge head	0.5m (1.5ft) 0.5m (1.5ft) 0.5m (1.5ft) 0.5m (1.5ft)				
45 Strokes per minute	25 ltrs/min (7 US Gals) 37.5 ltrs/min (9.9 US Gals) 25 ltrs/min (7 US Gals) 36 ltrs/min (9.5 U				
70 Strokes per minute	43 Itrs/min (11.4 US Gals)	55 Itrs/min (14.5 US Gals)	40 Itrs/min (10.6 US Gals)	53 ltrs/min (14 US Gals)	

For further guidance on the selection of the correct pump, please see page 120

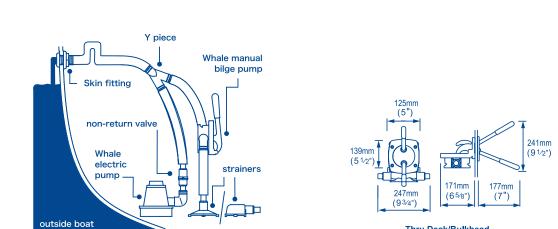
280mm 108mm (11")

WARRANTY 5 YEARS

TYPICAL INSTALLATION

▶ 25mm (1") Hose connection - Suitable as a primary bilge pump on boats up to 12m (40ft) in accordance with ISO 15083





Bulkhead/Removable Handle BP9021 PLAN VIEW SIDE VIEW

247mm

354mm (1315/16")

277mm (107/8")

Ondeck/Fixed Handle BP9005

SIDE VIEW

241mm (91/2")

247mm (93/4")

PLAN VIEW

SIDE VIEW

Thru Deck/Bulkhead

BP9013

PLAN VIEW

ON DECK FIXED HANDLE BP9005

TOUGH AND LIGHTWEIGHT POLYPROPYLENE MODELS, COMBINES POWERFUL PERFORMANCE AND LIGHTWEIGHT DESIGN

- ▶ High flow rate 105 ltrs/min (28 US Gals)
- Quick maintenance clamping ring is easily removed for pump head rotation
- Multiple mounting options
- ▶ Suitable as primary pump for boats 12m (40ft) and greater
- Simple plumbing

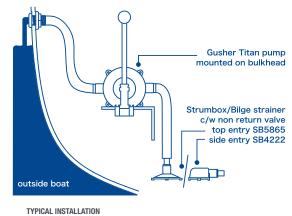
Model	Gusher Titan		
	On Deck	Thru Deck / Bulkhead	
PART NUMBER	BP4402	BP4410	
Weight	1.5kg (3.3lbs)	1.85kg (4.1lbs)	
Hose connection	38mm	(1½")	
Materials	Pump Body: Glass-Filled Polypropylene, Clamp Ring: Acetal, Diaphragm and Valves: Neoprene, (Nitrile® option available), Operating Lever: Glass-filled Nylon, Gaiter: EPDM, Fasteners: Stainless Steel		
Materials in contact with fluid	Glass-Filled Polypropylene, Acetal, Neoprene, Nitrile®		
Service kits	AK4400 - Whale Gusher Titan Neoprene parts (for on deck installations) Diaphragm, Valves and Fixings, AK4419 - Whale Gusher Titan Nitrile® (for oil and diesel, and on deck installations) Diaphragm, Valves and Fixings, AS4406 - Whale Gusher Titan Standard Lever Kit, AS4407 - Whale Gusher Titan Standard Clamping Ring Kit, AS4408 - Whale Gusher Titan Operating Lever U/Deck, AS4409 - Whale Gusher Titan U/Deck Clamping Ring Kit, AS4412 - Whale Gusher Titan Clamping Plate Kit, AS3725 Gaiter Kit For Deckplates (for U/Deck Models - Gusher 30 and 10, Titan, Urchin, MK5)		
Accessories	DP8904 - Deckplate Kit (for BP441	0 only), AS4405 - Spare Handle	

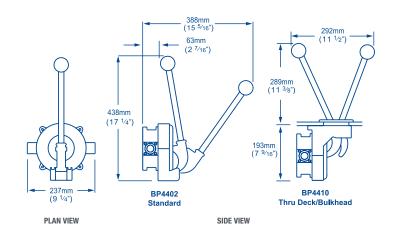
	Performance			
PART NUMBER	BP4402 / BP4410			
Maximum suction lift	4m (13ft)			
Maximum discharge head	4m (13ft)			
Suction lift	1m (3ft) 2m (6ft)			
Discharge head	0.5m (1.5ft) 0.5m (1.5ft)			
45 Strokes per minute	67 ltrs/min (18 US Gals) 65 ltrs/min (16 US Gals)			
70 Strokes per minute	105 ltrs/min (28 US Gals)	98 ltrs/min (26 US Gals)		

For further guidance on the selection of the correct pump, please see page 120



Skin fitting 38mm (11/2")SF5425





TOUGH, RELIABLE DESIGN AVAILABLE WITH SINGLE OR DOUBLE ACTING CAPABILITIES

MK5 UNIVERSAL

- ▶ Top performance 66 ltrs/min (17 US Gals)
- Whale's most versatile high-performance pump design
- Multiple mounting options
- Suitable as primary pump for boats 12m (40ft) and greater

MK5 DOUBLE ACTING PUMP

- High output 104 ltrs/min (27 US Gals)
- ▶ Twin diaphragms empty 2 bilge compartments at the same time
- Easy maintenance inspection port
- Will continue to function even if one diaphragm fails

Model	MK5 Universal	MK5 Double Acting			
	Thru Deck / On Bulkhead / On Deck	On Bulkhead Thru Deck		On Deck	
PART NUMBER	BP0510	MH5550 MH5560 MH5		MH5570	
Weight	1.3kg (3.0lbs)		2.8kg (6.0lbs)		
Hose connection	38mm (1½")				
Materials	Pump Body: Glass-Filled Polypropylene, Acetal, Diaphragm, Valves and Seals: Nitrile, Operating Lever: Acetal, Glass-filled Nylon, PVC, Handle, Spring and Fasteners: Stainless Steel				
Materials in connection with fluid	Glass-filled Polypropylene, Acetal, Nitrile, Stainless Steel				
Service kits	AK8050 - Service Kit for MK5 Contains: Diaphragms, Valves and Circlips, AS0511 - Spare Handle, AS0521 - Rocker Arm Assembly, AS0522 - Front Cover / Body Assembly, AS0531 - Under Deck Rocker Arm Assembly AK8060 - Service Kit for MK5 D Acting - contains: Diaphragms, Valves and Circlips, AS8551 - Rocker Arm Assembly, AS8552 - Clamping Plate and Nut Kit			ips, nbly,	
Accessories	AS3725 - Gaiter Kit, DP9906 - Deckplate Kit (includes cover)				

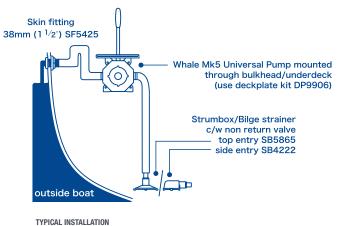
	Performance	
PART NUMBER	BP0510	MH5550 / MH5560 / MH5570
Maximum suction lift	4.5m (14.8ft)	
Maximum discharge head	4.5m (14.8ft)	
Suction lift	1m (3ft)	
Discharge head	0.5m (1.5ft)	
45 Strokes per minute	42 ltrs/min (11 US Gals)	64 ltrs/min (17 US Gals)
70 Strokes per minute	66 Itrs/min (17 US Gals)	104 ltrs/min (27 US Gals)

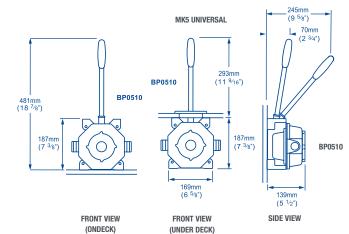
For further guidance on the selection of the correct pump, please see page 120

WARRANTY 5 YEARS

- Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO 15083
- Approved by Lloyds (MCA)
- USCG Approved MK5 Universal Size 2, MK5 Double Acting Size 3







DESIGNED FOR CONFINED SPACES WHERE SPACE IS LIMITED

- ▶ Top performance 35 ltrs/min (9.2 US Gals)
- ▶ Easy maintenance easy to remove clamp ring for maintenance/head rotation
- ▶ Tough, proven, reliable, slimline design
- Suitable for pumping bilge saltwater or diesel
- Includes sleek Whale deckplate with cover

Model	Compac 50
	Thru Deck / Bulkhead
PART NUMBER	BP0350
Weight	0.9kg (2.0lbs)
Hose connection	25mm (1")
Materials	Pump Body: Glass-filled Polypropylene, Clamp Ring: Acetal, Diaphragm, Valves and Seals: Nitrile, Operating Lever: Glass-filled Nylon, Gaiter: EPDM, Deck Plate Cover: PBT, Fasteners: Stainless Steel
Materials in contact with fluid	Glass-filled Polypropylene, Nitrile, Stainless Steel
Service kits	AK8035 - Whale Compac 50 Diaphragm, Valves and Fixings, AS0352 - Whale Compac 50 Rocker Arm + Clamp Plate Kit, AS0353 - Whale Compac 50 Clamping Ring Kit, AS0355 - Whale Compac 50 Handle Assembly
Accessories	AS0355 - Spare Handle, AS0356 - Deckplate Kit

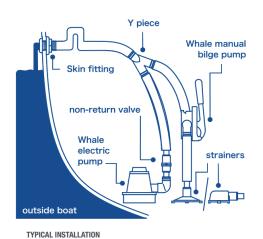
	Performance	
PART NUMBER	BP0350	
Maximum suction lift	3m (10ft)	
Maximum discharge head	4m (13ft)	
Suction lift	1m (3ft)	
Discharge head	0.5m (1.5ft)	
45 Strokes per minute	32 ltrs/min (9 US Gals)	
70 Strokes per minute	35 ltrs/min (9.2 US Gals)	

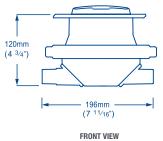
For further guidance on the selection of the correct pump, please see page 120

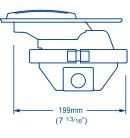
WARRANTY 5 YEARS

Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO 15083









SIDE VIEW

WHALE'S LOW-PROFILE COMPACT PUMP DESIGNED FOR CONFINED SPACES

- ▶ Top performance 67.7 ltrs/min (17.9 US Gals)
- ▶ Compact size is ideal where space is limited
- Easy pump action
- ▶ Ease of installation self-sealing design means no need for messy sealants

Model	Smartbail	
	Thru Bulkhead	
PART NUMBER	BP5012	
Weight	0.6kg (1.31lbs)	
Hose connection	2 options included: 25mm ports (1") qty 2, 38mm ports (1½") qty 2	
Materials	Pump Body: Glass-Filled Polypropylene, Inlet and Outlet Valves: Nitrile, Diaphragm: Santoprene®, Fastners: Stainless Steel	
Materials in contact with fluid	Glass-filled Polypropylene, Stainless Steel, Nitrile, Santoprene®	
Service kits	AK5010 - Diaphragm, Valves and Seals	

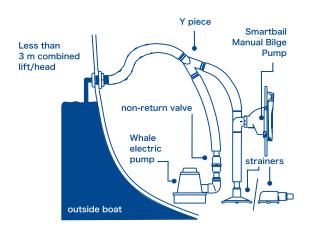
		Performance			
PART NUMBER		BP5012			
Maximum suction lift		3m (9.8ft)			
Maximum discharge head		3m (9.8ft)			
Maximum combined head and lift		3m (9.8ft)			
		BP5012 (with 25mm ports) BP5012 (with 38mm ports)		38mm ports)	
Port size		25mm (1") ports		38mm (1 ½") ports	
Lift	Head	45 Strokes/min	70 Strokes/min	45 Strokes/min	70 Strokes/min
0m (0ft)	Om (Oft)	32.75 ltrs/min (8.7 US Gals)	51 Itrs/min (13.5 US Gals)	43.5 ltrs/min (11.5 US Gals)	67.7 ltrs/min (17.9 US Gals)

For further guidance on the selection of the correct pump, please see page 120

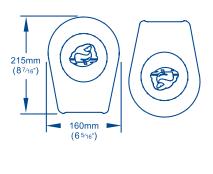
WARRANTY 5 YEARS

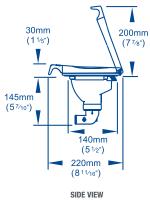
Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) accordance with ISO 15083





TYPICAL INSTALLATION





FRONT VIEW

EASYBAILER

THE PORTABLE CHOICE INSTANTLY READY FOR USE

- Portable lightweight design
- ▶ Suitable for bilge water or diesel transfer
- ▶ Flexible hose can easily be directed to hard to reach bilge areas
- ▶ Available in 2 barrel lengths
- ▶ Ideal for small boats, dinghies and kayaks

Model	Easybailer		
	Short barrel version	Long barrel version	
PART NUMBER	BP1935	BP1955	
Weight	0.32kg (0.7lbs)	0.4kg (0.9lbs)	
Hose connection	25mm (1")		
Materials	Pump Body: ABS, HDPE, Polypropylene, PVC, uPVC, Diaphragm: Neoprene, Fasteners: Stainless Steel		
Materials in contact with fluid	ABS, HDPE, Polypropylene, PVC, uPVC, Neoprene, Stainless Steel		

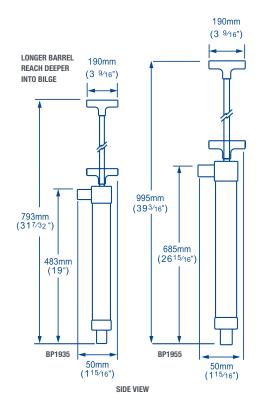
	Performance		
PART NUMBER	BP1935 / BP1955		
Suction lift	0m (0ft)	1m (3ft)	
Discharge head	0.5m (1.5ft)	0.5m (1.5ft)	
45 Strokes per minute	19 ltrs/min (5 US Gals)	19 ltrs/min (5 US Gals)	
70 Strokes per minute	31.4 ltrs/min (8.3 US Gals)	31.4 ltrs/min (8.3 US Gals)	

For further guidance on the selection of the correct pump, please see page 120

WARRANTY 1 YEARS

ISO 15083





COMPLETE YOUR SYSTEM

Fit Whale high quality pumps and accessories to ensure long term reliability throughout your bilge waste system. Whale switches, diverter valves, and pipework connections are designed and manufactured to the highest quality specification. Combine these accessories with your Whale bilge pumps for reliability and durability.

ELECTRIC FIELD SENSOR RANGE

- ▶ Electric field sensor automatically senses water levels and switches on the bilge pumps
- Nylon material withstands high temperatures
- ▶ Automatically switches on when 51mm (2") of water is sensed and turns off when water drops below 13mm (½")
- ▶ BE9006 model built in 30 second off delay for efficient operation, prevents cycle in small sump installations or enables lower drain than 13mm (½")

SUITABLE FOR ORCA, SUPERSUB, STANDARD SUBMERSIBLE RANGES AND GULPER

	Electric Field Sensor				
Model	Electric Field Sensor Switch	Electric Field Sensor Switch with 30 second time delay			
PART NUMBER	BE9003	BE9006			
Voltage	12V d.c. or 24V d.c.				
Current	Suitable up to 20 amps				
Standby current	0.008 amp				

ATTWOOD FLOAT SWITCH

- Ideal for use with electric bilge pump
- Float switch senses water levels and switches on the bilge pumps
- ▶ Automatically switches on when 51mm (2") of water is sensed
- Easy to install, mounted on either horizontal or vertical surface (e.g. bulkhead or hull)
- Suitable for installations where current draw is up to 12 amps
- Compact design

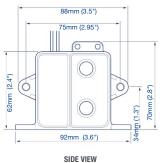
SUITABLE FOR ORCA, SUPERSUB, STANDARD SUBMERSIBLE RANGES AND GULPER

	Float Switch
Model	Attwood Float Switch with Cover
PART NUMBER	4201-7
Voltage d.c.	12V d.c. or 24V d.c.
Current	Suitable up to 12 Amps

▲ WARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov - See page 124 to learn more about California Proposition 65







WARRANTY 1 YEAR



Y PIECE WARRANTY 1 YEAR

- Designed to enable two pumps to discharge through a single line
- Ideal for use when a diverter is not required

Model	Y Piece
PRODUCT NUMBER	YP6114
Pipe diameter	38mm (1½")
Materials	Polypropylene



ELBOWS

▶ Ideal for use in installations in confined spaces

Model	Elbows				
PRODUCT NUMBER	EB3364 EB3488				
Pipe diameter	25mm (1") 38mm (1½")				
Materials	Polypropylene				



NON-RETURN VALVES

- ▶ Extensive range now includes ¾" and 1½" models
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit inline
- Suitable for use with manual or electric pumps

Model	Non Return Valves				
PRODUCT NUMBER	LV1215	LV1218	LV1219		
Pipe diameter	25mm (1") / 38mm (1½") 25mm (1") / 28mm (1½") 19mm (¾") / 25mm (1"				
Materials	Body: Glass-filled Polypropylene, Glass-filled Nylon, Valve: Nitrile				





SKIN FITTINGS

Manufactured using strong high quality moulded non-corrosive acetal

Model	Skin Fitting						
PRODUCT NUMBER	SF5018 SF5131 SF5204 SF5425						
Pipe diameter	16mm (5%") 19mm (34") 25mm (1") 38mm (1½")						
Materials	Acetal						



Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.



DIVERTER VALVES

- ▶ Allows one pump to draw from 2 locations
- Robust, reliable design
- ► Teflon® lubricated non-stick operation
- Precision machined for odour-proof seal
- Withstands sewage/black waste, saltwater and bilge water
- ▶ Models available in either 25mm (1") or 38mm (1½") hose connection

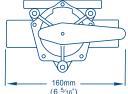
TYPICAL USES

- Suitable for electric or manual waste management systems
- Used in bilge and toilet waste systems
- Diverts flow to holding tank or overboard for deck pump out

	Diverter Valve			
PART NUMBER	DV5630	DV5606		
Hose connection	25mm (1")	38mm (1½")		
Materials	Main Body: Acetal, Teflon®, Handle: PTFE Polyester			

156mm (6 Vs*)

WARRANTY 5 YEARS



BILGE STRAINERS / STRUM BOXES

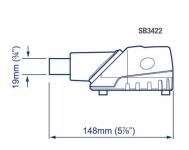
34" (19mm) Strainer with Multi-Directional Port and Non-Return Valve

1" (25mm) / 11/2" (38mm) Strainers with Top or Side Entry

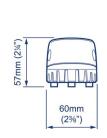
Model	Multi-Directional	Top Entry	Side Entry		
PART NUMBER	SB3422	SB5865	SB4222		
Hose connection	19mm (¾") 25mm (1") / 38mm (1½")				
Materials	Polypropylene, Nitrile, Stainless Steel				

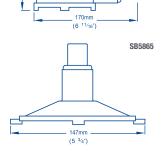




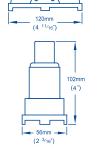


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SB4222





WHALEPUMPS.COM ACCESSORIES / MANUAL BILGE

A COMPREHENSIVE RANGE OF BILGE PUMP COVERS

- Provides a neat cover over manual bilge pumps
- Aesthetic designs
- Manufactured from UV stabilised plastic
- ▶ Snap-shut lid remains closed when pump is not in use

	Deckplate Selector					
PART NUMBER	Model	Materials	For use with			
DP8904	Plastic 4 Hole Model	PBT	Gusher [®] Urchin, Gusher [®] Titan, Gusher [®] 10			
DP3804	Metal 4 Hole Model	Cast Aluminum LM6	Gusher® 10, Gusher® 30 (BP3020)			
DP9905	Plastic 6 Hole Deck Ring	Acetal	MK5 Underdeck BP0535 / MH5560			
DP9906	Plastic 4 Hole Covered Model	PBT	MK5 Universal			
AS0356	Plastic 4 Hole Model	PBT	Compac 50			
AS3020	Includes DP3804 + Bridge Selection	Cast Aluminum LM6	Gusher® 30 (BP3020)			



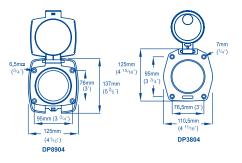




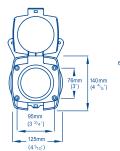




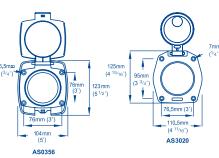








DP9906







THE ONE STOP FOR YOUR COMPLETE FRESHWATER SYSTEM

Whale's wide range of freshwater pumps, plumbing and accessories offer all you need for a smooth and constant freshwater supply on board. Our range includes a variety of manual and electric pumps with various flow rates and pressure settings to best suit your boat. Our extensive range allows you to fit a complete Whale system from plumbing, pumps and filters to faucets and showers.

WATERMASTER® AUTOMATIC PRESSURE PUMP

Delivers smooth consistent flow and runs dry without damage

- ▶ Easy installation suitable for 15mm Quick Connect plumbing or ½" threaded connection
- ▶ Self-priming up to 3m (10ft)
- Delivers smooth constant flow
- Mounting feet rotate to suit your installation
- ▶ IP67 sealed protective motor housing with integrated pressure switch

Model	Watermaster						
PART NUMBER	FW0814	FW1214	FW1225				
Weight		1.5kg	(3.3lbs)				
Voltage		12V d.c.		24V d.c.			
Fuse size	5 amps	7.5	amps	5 amps			
Cable size	2.5mm² (14AWG)						
Hose connection	Whale Quick Connect 15mm Female Connections 2 x $\frac{1}{2}$ " threaded connections and 2 x $\frac{1}{2}$ " barbed connections included						
Materials	Pump Body: Glass-filled Polypropylene, Pump Internal: PBT. Motor Casing: Stainless Steel, Diaphragm, Valves, Feet: Monprene, Seals: Nitrile®, Fasteners: Stainless Steel						
Materials in contact with fluid	Pump Body: Glass-filled Polypropylene, Pump Internal: PBT, Valves: Monprene®, Seals: Nitrile, Fasteners: Stainless Steel						
Service kits	AK1316 - Replacement Head, AK1319 - Replacement Strainer (for freshwater)						

	Performance					
PART NUMBER	FW0814	FW1214	FW1215 FW1225			
Maximum system pressure	2 bar (30 psi)		3 bar (45 psi)			
Open flow rate per minute	8 ltrs (2 US Gals)		11.5 ltrs (3 US Gals)			

For further guidance on the selection of the correct pump, please see page 122

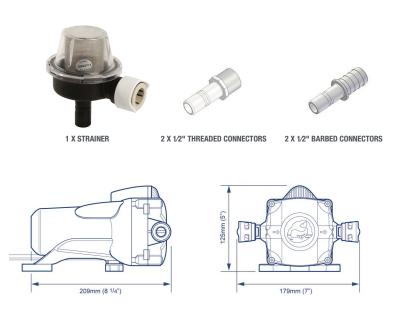
WARRANTY 2 YEARS

- **CE Certified**
- ISO 8846
- ISO 10133
- ABYC H-23
- IP67

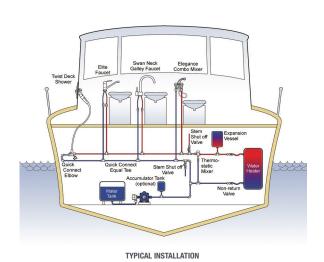


FILTER AND FITTINGS INCLUDED

SIDE VIEW



FRONT VIEW



SUBMERSIBLE AND INLINE IMPELLER RANGE

Whale's high flow long life submersible and inline galley pumps

- Narrow design ideal to drop into your water tank
- ▶ Compact, quiet, lightweight design suitable for use with pressure switch and microswitch systems
- Inexpensive way to upgrade your manual water system
- Also suitable for pumping diesel
- Low power consumption

Model	Standard	Premium				High flow	
PART NUMBER	GP1002	GP1352	GP1392	GP1354	GP1394	GP1652	GP1692
Pump type	Sub	Sub	Inline	Sub	Inline	Sub	Inline
Weight			0.15kg	(0.3lbs)			
Voltage	12V d.c. 24V d.c.			12V d.c.			
Recommended fuse size	5 amps			3 a	mps	5 amps	
Cable length			1m	(3ft)			
Hose connection	Suitable for 10mm (¾") or 13mm (½") Flexible Hose Use WX1511B (Stem Adaptor 11mm-15 mm) Connect WX1504 (15mm (¾) Equal Straight)						
Materials in contact with fluid	Pump Body: ABS, Seals: Nitrile, Strainer: Polypropylene, Impeller: PBT, Cable: PVC						
Filter included	No	Yes	No	Yes	No	Yes	No

	Performance Performance						
PART NUMBER	GP1002	GP1352 GP1392		GP1354	GP1394	GP1652	GP1692
Discharge head	Flow rate per minute/ current draw @12v d.c.	Flow rate per minute/ current draw @12V d. c.				Flow rate per minute/ current draw @12V d.c.	
Om (Oft)	10.3 ltrs (2.7 US Gals) 2.4 amps	13.2 ltrs (3.5 US Gals) 3.6 amps		13.2 ltrs (3.5 US Gals) 1.8 amps		15.8ltrs (4 3.8 ar	
1m (3ft)	8 ltrs (2 US Gals) 2.2 amps	11.75 ltrs (3 US Gals) 3.3 amps			(3 US Gals) amps	14.8ltrs (4 3.7 aı	
3m (10ft)	5.75 ltrs (1.5 US Gals) 2 amps	9.75 ltrs (2.7 US Gals) 2.9 amps		9.75 ltrs (2 1.45	.7 US Gals) amps	12.8ltrs (3.5 3.5 ar	

For further guidance on the selection of the correct pump, please see page 121

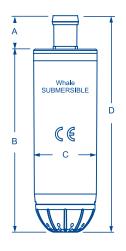
WARRANTY 1 YEAR

- CE Certified
- ISO 8846
- ISO 10133
- ABYC H-23
- IP67





	А	В	С	D
Standard	20mm (13/16")	88mm (3 7/16")	36mm (1 ¾6")	108mm (4 ¼")
Premium/High Flow	20mm (13/16")	109mm (4 5/16")	36mm (1 ¾6")	129mm (5 1/16")



SMOOTH CONSTANT FLOW IN ONE INTEGRATED KIT

Reduces water hammering and cycling

- Combined pump and accumulator tank ensure a smooth even flow of water to all outlets
- Compact design installs easily in convenient locations
- Reduced noise and vibration by preventing pump cycling
- ► Easily plumbed into standard ½" or ¾" pipework
- Can be fitted to new or existing systems
- Pump available separately

Model	Accumulator Kits					
PART NUMBER	UF2214	UF2215	UF2224	UF2225	UF2015	UF8025
Accumulator tank size		2 Itrs (0.5	3 US Gals)		8 Itrs (4.7	5 US Gals)
Weight		3.9kg	(8.5lbs)		5.4kg (11.9lbs)	5.9Kg (13lbs)
Voltage	12V	d.c.	24\	d.c.	12V d.c.	24V d.c.
Fuse size	10 amps		5 a	5 amps		8 amps
Cable size	1.5mm² (16AWG)					
Hose connection	Whale Quick Connect 15mm Female For (½"), Flexible Hose, Use WX1584 (supplied with kit), For ¾" Flexible Hose, Use WU1215 and WU1280 (not supplied with kit)					
Materials	Pump Body: Glass-filled Polypropylene Aluminium and Powder-coated Steel, Diaphragms: Santoprene®, Valves and Feet: Monoprene®, Seals: Nitrile, Tank: Butyl, Base: ABS, Fittings: Brass, Fasteners: Stainless Steel					
Materials in contact with fluid,	Glass-filled Polypropylene, Monprene®, Nitrile, Stainless Steel, Brass, Santoprene®					
Service kits	AK1316 - Replac	ement Head, AK1317 - Mi	croswitch Kit, AK1319 -	Replacement Strainer (for freshwater), PT0200	- Accumulator Tank

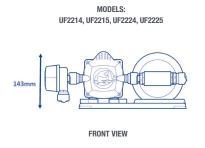
	Performance					
PART NUMBER	UF2214	UF2215	UF2224	UF2225	UF2015	UF8025
Maximum suction lift			3m (10ft)		
Maximum discharge head	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)
Cut out pressure	2 bar (30 psi)	3 bar (45 psi)	2 bar (30 psi)	3 bar (45 psi)	3 bar (45 psi)	3 bar (45 psi)
Factory pre-charge pressure (+/-0.14 bar+/-2 psi)	1.5 bar (22 psi)	2.2 bar (32 psi)	1.5 bar (22 psi)	2.2 bar (32 psi)	1.4 bar (20 psi)	2.2 bar (32 psi)
Open flow rate per minute	11.5 ltrs (3 US Gals)			12 Itrs (3 US Gals)	18 ltrs (5 US Gals)	

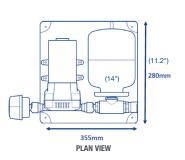
For further guidance on the selection of the correct pump, please see page 122

WARRANTY 2 YEARS

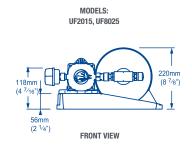
- CE Certified
- ISO 8846
- ISO 10133
- ABYC H-23

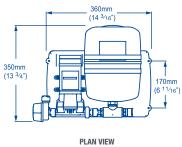












HIGH CAPACITY FRESHWATER KIT

DOUBLE STACK FRESHWATER PUMP SYSTEM

Twin pump design efficiently delivers smooth water flow in vessels with up to 8 outlets

- Fast installation pre-assembled system
- Reduces noise and vibration by preventing pump cycling
- ▶ Small footprint ideal for installation in tight spaces
- Unique mounting bracket ensures compact footprint and includes vibration reducing feet
- ▶ Robust industrial grade external pressure switches are ignition protected and require no relays

Model	High Capacity Freshwater Kit				
PART NUMBER	UF2415B	UF2425B	UF3615B	UF3625B	
Accumulator tank size	2 Itrs (0.53 US Gals)				
Weight	8.7kg	(19lbs)	9.8kg	(22lbs)	
Voltage	12V d.c.	24V d.c.	12V d.c.	24V d.c.	
Recommended fuse size per pump	10 amps	5 amps	12 amps	8 amps	
Hose connection	19mm (¾") barb				
Cable size	2.5mm² (20AWG)				
Materials	Pump Body: Glass-filled Polypropylene Aluminium and Powder-coated Steel Diaphragms: Santoprene®, Valves and Feet: Monoprene®, Seals: Nitrile®				
Materials in contact with fluid	Glass-filled Polypropylene, Monprene®, Nitrile®, Stainless Steel, Brass, Santoprene®				
Service kits	AK1314 - Low Pressure Switch, AK1315 - High Pressure Switch, AK2415 - 12L 12V Pump, AK2425 - 12L 24V Pump, AK3615 - 18L 12V Pump, AK3625 - 18L 24V Pump, PT0200 - Accumulator Tank				

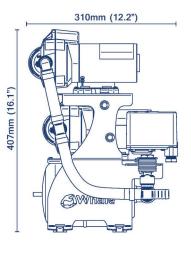
Model	Performance				
PART NUMBER	UF2415B	UF2425B	UF3615B	UF3625B	
Maximum suction lift	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)	
Maximum discharge head	3m (10ft)				
Cut out pressure	Pump 1: 3 bar (45 psi) Pump 2: 2 bar (30 psi))				
Cut in pressure	Pump 1: 2 bar (30 psi) Pump 2: 1.4 bar (20 psi)				
Factory pre-charge pressure	2.2 bar (32 psi)				
Open flow rate per minute	24 ltrs (6.3 US Gals) 32 ltrs (8.4 US Gals)			4 US Gals)	
No. of outlets	Up to 6			to 8	

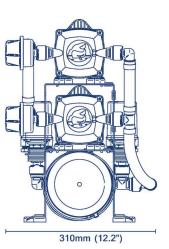
For further guidance on the selection of the correct pump, please see page 122

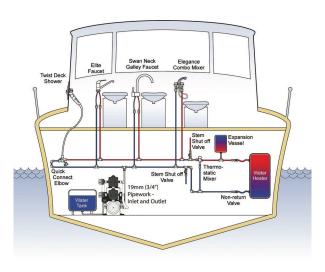
WARRANTY 2 YEARS

- CE Certified
- ISO 8846
- ISO 10133
- ABYC H-23









SIDE VIEW FRONT VIEW TYPICAL INSTALLATION

SIMPLE HAND OPERATED SOLUTION FOR PUMPING WATER IN THE GALLEY

Narrow mounting base allows installation for use between two sinks

- Ideal where space is limited
- Angled spout and adjustable height provide various options for installation
- Useful as a back-up pump or for a simple freshwater supply
- Suitable for freshwater and saltwater
- Extended spout makes for easy filling of containers

Model	V Pump MK7		
PART NUMBER GP0650			
Weight 0.26kg (0.6lbs)			
Hose connection	Suitable for Quick Connect 15mm plumbing or 13mm (½") Flexible hose		
Materials Pump Body: Acetal, Pump Barrel: Anodized Aluminium Allo Seals: Neoprene, Nitrile, Fasteners: Stainless Steel			
Service kits	AK0618 - Service Kit for V Pump, MK5, MK6 and MK7 Models Contains: Diaphragm, Seals, Fastener		

	Performance	
PART NUMBER	GP0650	
Maximum suction lift	3m (10ft)	
Maximum discharge head	4m (13ft)	
Maximum flow rate per minute	8 ltrs (2.2 US Gals)	

For further guidance on the selection of the correct pump, please see page 121

WARRANTY 5 YEARS

CE Certified



FLIPPER PUMP MK4

SIMPLE HAND OPERATED SOLUTION FOR PUMPING WATER IN THE GALLEY

- ▶ Swivelling outlet ideal for installing between two sinks
- Precise flow control
- ▶ Easy operation light back and forth pump action
- Suitable for fresh and saltwater

	Flipper Pump MK4
PART NUMBER GP0418	
Weight	0.26kg (0.6lbs)
Hose connection	Suitable for 13mm (½") Flexible hose
Materials	Pump Body: Acetal, Nylon, Polypropylene LM6 Aluminium Alloy, Stainless Steel, ABS, Brass, Seals: Neoprene, Nitrile, Fasteners: Stainless Steel
Service kits	AK0405 - Service Kit for Flipper Mk3 and Mk4 Models Contains: Diaphragm, Seals, Screws, AS0406 - Flipper Overhaul Kit

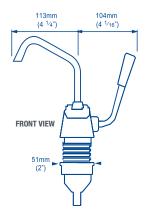
	Performance
PART NUMBER	GP0418
Maximum suction lift	3m (10ft)
Maximum discharge head	3m (10ft)
Maximum flow rate per minute	7 Itrs (1.9 US Gals)

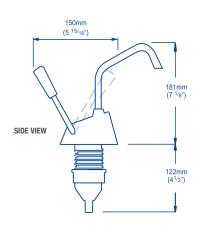
For further guidance on the selection of the correct pump, please see page 121

WARRANTY 5 YEARS

CE Certified







SIMPLE FOOT OPERATED SOLUTION FOR PUMPING WATER IN THE GALLEY

Whale manual self priming galley foot pump

- Self primes and operates dry without damage
- ▶ Easy, smooth hands-free operation. Left and right oriented foot lever versions available
- ▶ Ease of installation multi-directional inlet and outlet hose connections
- > 3 mounting options
- Suitable for fresh and saltwater
- Ideal as a priming pump for use with Whale inline impeller electric pumps (see page 46)

	Gusher Galley MK3			
PART NUMBER	GP0550 GP0551			
Lever mounting	Right Left			
Weight	0.7kg (1.5lbs)			
Hose connection	Suitable for Connection to Whale Quick Connect 15mm Plumbing or 13mm (½") Flexible hose			
Materials	Pump Body: Acetal, Nylon. Lever: LM6 Aluminium Alloy Diaphragm: Nitrile, Neoprene, Fasteners: Stainless Steel			
Service kits	AK0553 - Service Kit for Gusher® Galley (suitable for MK3 only) Contains: Diaphragm, Valves and Seals AS0556 - Piston and Operating Kit			

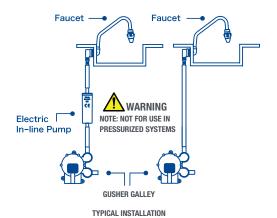
	Performance
PART NUMBER	GP0550 / GP0551
Maximum suction lift	2m (6ft)
Maximum discharge head	3m (10ft)
Maximum flow rate per minute	15 ltrs (4 US Gals)

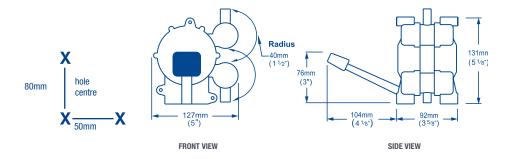
For further guidance on the selection of the correct pump, please see page 121

WARRANTY 5 YEARS

CE Certified







SIMPLE FOOT OPERATED SOLUTION FOR PUMPING WATER IN THE GALLEY

- Smooth and easy operation
- ▶ Compact for installing in confined spaces
- ▶ Ideal as a priming pump for use with Whale inline impeller electric pumps (see page 46)
- ▶ The ideal foot pump for a simple freshwater system

	Babyfoot	
PART NUMBER	GP4618	
Weight	0.3kg (0.7lbs)	
Hose connection	Suitable for 13mm (½") Flexible Hose	
Materials	Pump Body: Nylon, Ports: Acetal, Seals: Neoprene Fasteners: Stainless Steel, Phosphor Bronze	
Service kits	AK4615 - Service Kit for Babyfoot® Pump Contains: Diaphragm Valves, O Rings, Spring, Fasteners	

	Performance	
PART NUMBER	GP4618	
Maximum suction lift	1.5m (5ft)	
Maximum discharge head	3m (10ft)	
Maximum flow rate per minute	8 ltrs (2.2 US Gals)	

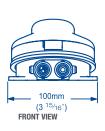
For further guidance on the selection of the correct pump, please see page 121

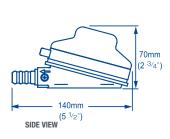
WARRANTY 5 YEARS

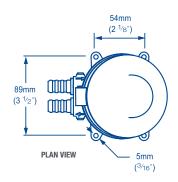
CE Certified















FOR ALL YOUR WARM WATER NEEDS ONBOARD

As an expert in water systems, Whale is proud to offer a complete line of water heaters suited for the harsh marine environment. Available in several capacities and material finishes for any installation, we have the right water heater for your boat.

HOT WATER ON THE GO FOR OUTBOARD BOATS

Whale's unique 12V Water Heater (3 US Gals) is ideal for use on outboard boats, delivering fast water heat up and long heat retention for all your hot water needs on board

12V Power Supply

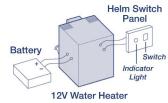
- No generator / inverter / shore power required
- Rapid heat up hot water in less than 1 hour*
- Ideal for use with deck showers perfect for warming wetsuits
- Safety features low current switching, integrated temperature and pressure valve, thermal cut-out, heating indication output and ignition protect (ABYC E-11)
- Compact design fits in small places

Model	12V Electric Water Heater	
PART NUMBER	\$360EW	
Capacity	12 ltrs (3 US Gals)	
Weight	11lbs (5kg)	
Voltage	12V d.c. (300W)	
Fuse size	35 amps	
Current draw	30 amps	
Connections	1/2" NPT Female For connection to 15mm Quick Connect use WX1514	
Materials	Tank - Aluminium, Casing - White Powder Coated Aluminium	

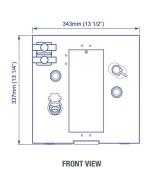
^{*}Based on Whale in-house laboratory testing

	Performance	
Maximum water temperature	140°F (60°C)	
Temperature & pressure valve specifications	210°F (99°C), 75 psi (5.2 bar)	
Maximum tested pressure	300 psi (20.7 bar)*	

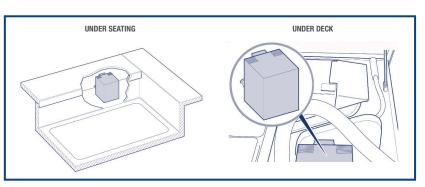




SIMPLIFIED INSTALLATION







TYPICAL INSTALLATION

COMBINATION ELECTRIC / HEAT EXCHANGER OR ELECTRIC ONLY MODELS

WARRANTY 2 YEARS

- Robust manufacturing hold down brackets welded to inner tank
- Double wall heat exchangers prevents accidental contamination of freshwater supply
- Safety controls integrated pressure relief valve and temperature monitor
- Sturdy, robust exteriors produced from marine grade stainless steel, galvanised or epoxy coated
- Ignition protected



S300EW



WHITE EPOXY COATED HORIZONTAL WITH SIDE HEAT **EXCHANGER MODEL**



WHITE EPOXY COATED HORIZONTAL ELECTRIC **ONLY MODEL**



MARINE GALVANISED STEEL HORIZONTAL REAR HEAT **EXCHANGER MODEL**



STAINLESS STEEL FRONT HEAT **EXCHANGER MODEL**

Note: All models are available in The Americas only.

S300W - 1250W element and requires a 15A Circuit Breaker

S300W - 1250W element and requires a 15A Circuit Breaker

3000 and 4500 models have a 3000W and 4000W element respectively and requires a 15A Dual Breaker (3000) or 20A Dual Breaker (4500)

All other models have a 1500W element and require a 15A Circuit Breaker (120V) or 10A Dual Breaker (240V) Note: All Whale Water Heaters must be installed and serviced by a qualified electrician in accordance with the Whale appliance installation and operating instructions and appropriate electrical regulations and certifications.

Available in The Americas only

Mo	odel	Capacity	Orientation	Heat Exchanger	PSI Rating	Overall Dimensions	Exterior Material	Weights (lbs)
120V	240V					Inches (WxDxH)		
S300W		11 Itrs (3 US Gals)	Horizontal	Side	100 psi	14.5"x14"x13"	White Epoxy	14
S300EW		11 Itrs (3 US Gals)	Horizontal	Electric	100 psi	14.5"x14"x13"	White Epoxy	14
F600	F650	23 ltrs (6 US Gals)	Horizontal	Front	100 psi	13"x19"x13"	Marine Galvanised Steel	26
F600W	F650W	23 ltrs (6 US Gals)	Horizontal	Front	100 psi	13"x19"x13"	White Epoxy	26
	F650WSR	23ltrs (6 US Gals)	Horizontal	Front	75 psi	13"x19"x13"	White Epoxy	26
F700	F750	23 Itrs (6 US Gals)	Horizontal	Front	100 psi	13"x19"x13"	Stainless Steel	24
S600	S650	23 Itrs (6 US Gals)	Horizontal	Rear	100 psi	13"x19"x13"	Marine Galvanised Steel	26
S600W	S650W	23 Itrs (6 US Gals)	Horizontal	Rear	100 psi	13"x19"x13"	White Epoxy	26
S600EW		23 Itrs (6 US Gals)	Horizontal	Electric	100 psi	13"x19"x13"	White Epoxy	26
	S650E	23 Itrs (6 US Gals)	Horizontal	Electric	100 psi	13"x19"x13"	Marine Galvanised Steel	26
	S650EW- 3000	23 Itrs (6 US Gals)	Horizontal	Electric	100 psi	13"x19"x13"	White Epoxy	26
S700	S750	23 Itrs (6 US Gals)	Horizontal	Rear	100 psi	13"x19"x13"	Stainless Steel	24
S700E	S750E	23 Itrs (6 US Gals)	Horizontal	Electric	100 psi	13"x19"x13"	Stainless Steel	24
F1100	F1150	42 Itrs (11 US Gals)	Horizontal	Front	100 psi	16"x22"x16"	Marine Galvanised Steel	34
F1100W	F1150W	42 Itrs (11 US Gals)	Horizontal	Front	100 psi	16"x22"x16"	White Epoxy	34
	F1150WSR	42 Itrs (11 US Gals)	Horizontal	Front	75 psi	16"x22"x16"	White Epoxy	34
F1200	F1250	42 Itrs (11 US Gals)	Horizontal	Front	100 psi	16"x22"x16"	Stainless Steel	32
S1100	S1150	42 Itrs (11 US Gals)	Horizontal	Rear	100 psi	16"x22"x16"	Marine Galvanised Steel	34
S1200	S1250	42 Itrs (11 US Gals)	Horizontal	Rear	100psi	16"x22"x16"	Stainless Steel	32
	H0250	76 Itrs (20 US Gals)	Horizontal	Rear	100 psi	16"x32"x16"	Marine Galvanised Steel	48
	H2050EW	76 Itrs (20 US Gals)	Horizontal	Electric	100 psi	16"x32"x16"	White Epoxy	48
	H2050-	76 Itrs (20 US Gals)	Horizontal	Electric	100 psi	16"x32"x16"	White Epoxy	48
		76 Itrs (20 US Gals)	Horizontal	Electric	100 psi	16"x32"x16"	White Epoxy	48
H2200	4500	76 Itrs (20 US Gals)	Horizontal	Rear	100psi	16"x32"x16"	Stainless Steel	47
	H2250E	76 Itrs (20 US Gals)	Horizontal	Electric	100 psi	16"x32"x16"	Stainless Steel	47
HF2000	HF2050	76 ltrs (20 US Gals)	Horizontal	Front	100 psi	16"x32"x16"	Marine Galvanised Steel	48
HF2200	HF2250	76 ltrs (20 US Gals)	Horizontal	Front	75 psi	16"x32"x16"	Stainless Steel	47
S1800	S1850	76 ltrs (20 US Gals)	Vertical	Front	100 psi	20.25"x20"x27"	Marine Galvanised Steel	46
S1800W	S1850W	76 ltrs (20 US Gals)	Vertical	Front		20.25 x20 x27 20.25"x20"x27"		46
310000		, ,			100 psi		White Epoxy	
	S1850EW	76 ltrs (20 US Gals)	Vertical	Electric	100 psi	20.25"x 20"x27"	White Epoxy	46
	S1850WSR	76 Itrs (20 US Gals)	Vertical	Front	75 psi	20.25"x 20"x27"	White Epoxy	46
S1900	S1950	76 Itrs (20 US Gals)	Vertical	Front	100 psi	20.25"x 20"x27"	Stainless Steel	45
S1900E		76 Itrs (20 US Gals)	Vertical	Electric	100 psi	20.25"x 20"x27"	Stainless Steel	45
	H2850ES- 3000	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	Stainless Steel	59
	H2850ES- 4500	` ′	Horizontal	Electric	100 psi	16"x40"x16"	Stainless Steel	59
	H2850ES- 3000	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	White Epoxy	59
	H2850ES- 4500	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	White Epoxy	59





FAUCETS, INTERIOR SHOWER AND DECK OR TRANSOM SHOWERS FOR ADDED LUXURY ONBOARD

Our extensive range of marine grade faucets and showers means we have the model to suit you, from lightweight ABS faucets to the award-winning Whale Twist innovative deck shower, Whale have you covered.

LIGHTWEIGHT AND DURABLE ABS FAUCETS IDEAL FOR TIGHT SPACES

WARRANTY 1 YEAR

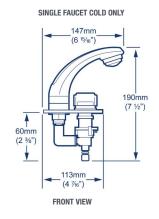
- Robust ABS construction
- Designed for use with all types of galley pumps
- ▶ Easily connects to Whale Quick Connect pipework
- Choice of single or mixer faucets

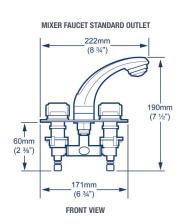




RT1210 ELEGANCE - COLD ONLY

Model	Elegance Faucet		
PART NUMBER	RT1210	RT2210	
Model	Single Faucet Cold only	Mixer Faucet Standard Outlet	
Hose connection	Standard Connection 13mm (½") Threaded, Connection to Quick Connect 15mm: WX1532, Connection to Flexible Hose 13mm (½"): WX1532 or WX1584B		
Materials	Body: ABS, Spout and Valves: Acetal, Seals: Neoprene		
Materials in contact with fluid	Body: ABS, Spout and Valves: Acetal, Seals: Neoprene		
Service kits	AK5030 - Complete Serviceable Parts Kit, RT9000 - Microswitch Kit (2 switches)		
Accessories	RT9000 - Microswitch		
Base plate 113mm x 55mm (47/6" x 21/8") 171mm x 62mm (6		171mm x 62mm (6¾" x 2½")	
Depth beneath surface	e 60mm (2¾") 60mm (2¾")		



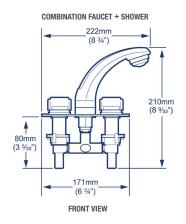


- Water saving rose allows temporary shut off to conserve water
- Designed for use with all types of galley pumps
- ► Connects to 3/8" or 1/2" hose connections
- Choice of single or mixer faucets
- ▶ Extra-long retractable hose for neat installation





Model	Elegance Faucet and Shower	
PART NUMBER	RT2498	
Model	Mixer Combination Faucet/Shower	
Hose connection	Standard Connection 13mm (½") Threaded, Connection to Quick Connect 15mm: WX1532, Connection to Flexible Hose 13mm (½"): WX1532 or WX1584B	
Materials	Body: ABS, Spout and Valves: Acetal, Seals: Neoprene	
Materials in contact with fluid	Body: ABS, Spout and Valves: Acetal, Seals: Neoprene	
Service kits	AS5133 - Replacement Handset ½" BSP Threaded (white) AS5146 - Replacement Hose Assembly 1.7m (5 ¾"ft) Long (white)	
Accessories	RT9000 - Microswitch	
Base plate	171mm x 62mm (6¾" x 2½")	
Depth beneath surface	80mm (31⁄8")	



SHOWERS AND FAUCETS

WHALE TWIST® DECK SHOWER

AN AWARD WINNING RADICAL INNOVATION IN DECK SHOWERS. THE TWIST PUTS CONTROL IN YOUR HANDS WITH ITS UNIQUE HANDSET INCORPORATING TEMPERATURE AND FLOW CONTROL IN A SINGLE EASY TO USE UNIT

- Robust ABS construction, easy to use streamlined ergonomic design using high quality UV resistant ASA materials
- No lids or covers Deck Protect end cap creates a splash proof seal
- Two housing options horizontal discrete bezel style or vertical mounting that adapts to flat or curved surfaces
- Whale Twist Deck Shower is quick and easy to install
- Mixer models include a temporary shut off valve as standard

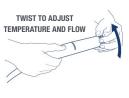
Model	Whale Twist		
PART NUMBER	DS0005	DS0006	
Model	Cold only Flexible Hose	Mixer Hot and Cold Patented D Hose	
Weight	0.13kg (0.3lbs)	0.2kg (0.45lbs)	
Hose connection	3%" BSP Female / (½") Threaded Connection 15mm Quick Connect Male		
Materials	Handset: ASA, Internal Parts: TPE, Nitrile, POM, Hose: Reinforced Polyurethene, Hose Connections: PBT, End Cap: Chromed ABS, Straight Housing: Chromed ABS, Glass-Filled Polypropylene, Angled Housing: ASA, Screws and Hose Clips: Stainless Steel		
Materials in contact with fluid	Handset: ASA, Internal parts: TPE, Nitrile, POM, Hose: Reinforced Polyurethene, Hose Connections: PBT, End Cap: Chromed ABS, Straight Housing: Chromed ABS		
Hose length	2.1m (6.9ft) 2.5m (8.2ft)		
Accessories	AK0015 Twist stowage bag		
Retail individual pack contains	Whale Twist Deck Shower Cold only (Pale gray / white) with 2.1 m (6.9 ft) white hose. Includes straight housing (chrome) and angled housing (white) options	Whale Twist Deck Shower - Mixer (Pale gray / white) with 2.5 m (8.2 ft) white hose. Includes straight housing (chrome) and angled housing (white) options	

WARRANTY 1 YEAR



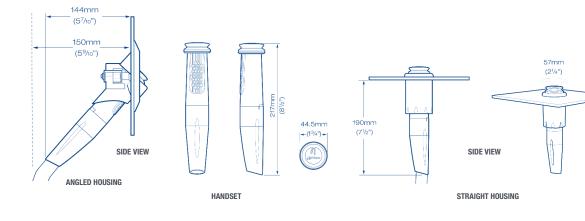












IDEAL FOR INSTALLATION WHERE SPACE IS LIMITED ON DECK AND BEHIND THE BULKHEAD

WARRANTY 1 YEAR

- Simply swim and rinse without wasting water press the trigger to only use the water you need
- Crisp and clean chrome and white finish. Highest quality finish stabilized PVC cover
- Extra-long hose allows you to fit in most convenient location on deck
- ▶ Simple installation standard size circular holes to drill
- ▶ Standard connections suitable for ¾" BSP threaded connections / Whale Quick Connect 15mm plumbing

Model	Swim 'n' Rinse Compact Shower	
PART NUMBER	RT3000	
Model	Rubber Cover (cold only)	
Weight	0.53kg (1.2lbs)	
Hose connection	¾" Adaptor x Female Adaptor 13mm (½") Connection to Quick Connect 15mm: WX1583B	
Materials	Internal Components: Acetal Copolymer, Stainless Steel 304, Housing UV Stabilized Polypropylene, Cover: LDPE, Fixings: Stainless Steel	
Materials in contact with fluid	Internal Components: Aacetal Copolymer, Stainless Steel 304, Housing UV Stabilized Polypropylene	
Service kits	AS5133 - Replacement Handset ½" BSP Threaded (white) AS5146 - Replacement Hose Assembly 1.7m (5 ½6" ft) Long (white)	
Diameter of mounting hole	80mm (31/s")	
Depth beneath surface	130mm (5 ¹ /10")	

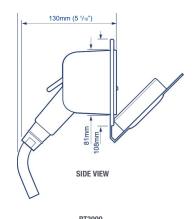




SAVE WATER ON BOARD
- ONE TOUCH TRIGGER
HANDSET TO CONSERVE
WATER DURING SHOWERING







WHALE SWIM 'N' RINSE COMPACT SHOWER RUBBER COVER (COLD ONLY)

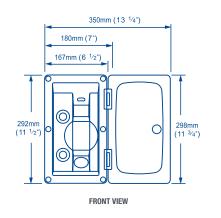
LIGHTWEIGHT AND DURABLE ABS EXTERIOR SHOWER RANGE

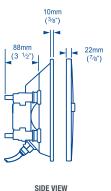
WARRANTY 1 YEAR

- Designed for easy rinse down after swimming
- ▶ Fit in convenient locations on deck extra long 2.1m (7ft) hose
- Save water on board On/Off control on shower handset allows you to set temperature and only use the water you need
- Available with/without cover, neat hinged cover with latch to close
- ▶ Simple connection to either Whale Quick Connect 15mm pipework / ½" hose connection

Model	Swim N' Rinse Transom Shower			
PART NUMBER	RT2648	RT2658		
Model	Hot and Cold Mixer (no cover)	Hot and Cold Mixer (cover included)		
Weight	1.02kg (2.2lbs)	1.22kg (2.7lbs)		
Hose connection	½" Male Threaded (BSP / NPT)			
Hose length	2.1m (7ft)			
Base plate	167mm x 292mm (6½" x 11½")			
Depth beneath surface	88mm (3½")			







FRESHWATER ACCESSORIES

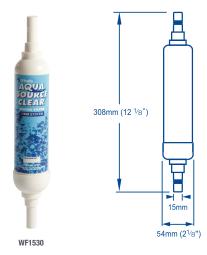
Fit Whale high quality pumps and accessories to ensure long term reliability from pump to faucet. Whale water filters, surge dampers, pressure switches and one-way valves are designed and manufactured to the highest quality specification. Combine these accessories with your Whale water pump for a home from home water supply on board.

INLINE WATER FILTERS

AQUASOURCE CLEAR WATER FILTER - WF1530

For refreshing tasting water on board

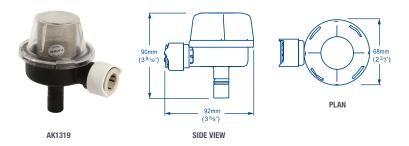
- Silverised carbon filter removes nasty tastes and smells
- ▶ Connects directly to 15mm Quick Connect Plumbing / ½" (13mm) flexible hose (using stainless steel hose clips)



PUMP STRAINER

INLET STRAINER REPLACEMENT - AK1319

For use with Watermaster and Universal Pressure Pumps

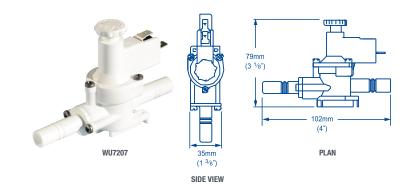


INLINE PRESSURE SWITCH - WU7207

For use with submersible or inline self venting pumps in a pressurized water system

- Controls the pump by sensing changes in system pressure
- Suitable for: 12V d.c. 10 amps, 24V d.c. 5 amps
- Maximum pressure: 2 bar (30 psi)
- Materials: body: acetal, seals and valves: Nitrile, EPDM spring: phosphor bronze, fasteners: stainless steel

Note: must be mounted in a vertical position



EXPANSION VESSELS

SURGE DAMPER - WS7215

For a smooth constant water supply

- Capacity = 150 ml (0.03 US Gals)
- ► Connects directly to 15mm Quick Connect Plumbing / ½" 13mm flexible hose (using stainless steel hose clips)

Note: connect as close to the outlet of the pump as possible or as close to the outlet side of the pressure switch (if fitted)



PIPEWORK CONNECTIONS

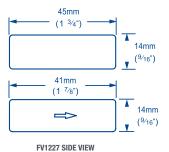
ONE WAY CHECK VALVE - FV1227 FOR 13MM (½") FLEXIBLE HOSE (WHITE)

Fit inline to maintain prime for short periods

- Ideal for use with electric pumps
- Suitable for connection to 13mm (½") flexible hose
- Ensure the valve is installed with the arrow pointing in direction of water flow

Note: low restriction design will have a small drip return





ACCESSORIES FOR TAPS AND SHOWERS

MICROSWITCH KIT - RT9000

For Elegance range and Swim 'n' Rinse Showers see pages 68, 69, 73



ACCESSORIES - FOR DECK SHOWERS

TWIST STOWAGE BAG - AK0015

For use with Twist Deck Shower

Neat stowage of DS0005 / DS0006 - see pages 70 - 71

Note: this product is only suitable for use with 2.5m (8.2ft) hose Whale Twist models







EASY TO USE PRODUCTS THAT DELIVER GREAT PERFORMANCE TO WASH DOWN YOUR DECK, INCLUDING WHALE'S MOST POWERFUL WASH DOWN KIT YET

Whale's high flow wash down pump range and ergonomic trigger spray handsets deliver great performance to wash down your deck.

HIGH PRESSURE WASH DOWN RANGE

TARGETED HIGH PRESSURE WASH DOWN RANGE FOR EFFECTIVE CLEANING

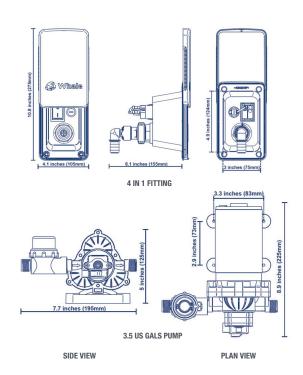
- Smooth constant flow
 - 13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)
 - 17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)
- ➤ Soft, non-slip trigger with deck protect nozzle, adjustable jet with push in fittings and dry coupling valve on / off, for a fine spray or a jet of water
- ▶ Easy stow 7.6m (25ft) compact coiled hose with storage bag
- ▶ Elite Kit includes unique 4 in 1 deck fitting (hose connection, switch, fuse and sliding cover), for easy installation and IP65 rated protection

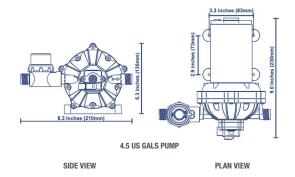
Product Type	Pump Spec	Description	Voltage	Part No.	
Pump Only	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	• Strainer	12V	WD3517P	
Tunip only	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	• 2 x ½" barbed connections included	12V 24V	WD4517P WD4527P	
Pump and	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	Pump Strainer Adjustable trigger with ergonomic	12V	WD3517T	
Trigger	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	handle & deck protect nozzle • 2 x ½" barbed connections included	12V 24V	WD4517T WD4527T	00
Standard Kit - with Pump, Trigger and Hose	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	Strainer Adjustable trigger with ergonomic	12V	WD3517S	
	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	handle & deck protect nozzle • 7.6m (25ft) coil hose, storage bag and quick release hose connection • 2 x ½" barbed connections included	12V 24V	WD4517S WD4527S	
Elite Kit includes Pump, Trigger, Hose and 4 in 1 Deck Fitting	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	Adjustable trigger with ergonomic handle & deck protect nozzle	12V	WD3517E	
	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	7.6m (25ft) coil hose, storage bag and quick release hose connection Deck fitting with switch, fuse, hose connection and sliding cover 2 x ½" barbed connections included	12V 24V	WD4517E WD4527E	

WARRANTY 2 YEARS

- CE Certified
- ▶ ISO 10133
- ▶ IP65







THE VERSATILE SELF VENTING PORTABLE PUMPING SOLUTION

- Wash down your boat with ease
- ▶ Great performance low voltage high flow submersible pump
- ▶ Easy to maintain with a wipe clean hose and nozzle
- Suitable for cold and warm water, diesel, light oils and water-based fluids including most water-based pesticides
- ▶ 3.75m (12.5ft) clear hose, nozzle with adjustable on / off, fine spray or a jet of water

Model	Self Venting Portable Submersible Pump Kit		
PRODUCT NUMBER	GP1642		
Weight	0.7kg (1.5lbs)		
Voltage	12V d.c.		
Fuse size	5 amps		
Power connection	Crocodile clips and cigar lighter plug		
Materials	Stainless Steel, Nitrile, PVC, Polypropylene, ABS		

	Performance
PART NUMBER	GP1642
Discharge head	Flow Rate Per Minute and Current Draw
Om (Oft)	15.8 ltrs (4 US Gals) 3.8 amps
1m (3ft)	12.8 ltrs (3.5 US Gals) 3.5 amps



MARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov - See page 124 to learn more about California Proposition 65

WARRANTY 1 YEAR

- ISO 10133
- ▶ ABYC H-23

KEEP STORAGE AREAS DRY WITH OUR WATERTIGHT ROBUST DESIGNS - TRIED, TESTED AND TRUSTED FOR DECADES

WARRANTY 1 YEAR

Aluminium models - suitable for sandy environments

TCL2

 Robust aluminium construction with locking lever ideal for harsh marine environments

TCL4

Reliable watertight seal

TCL4 CLEAR

Allows easy inspection without having to open the locker

	Locker Doors			
Model	TCL2	TCL4	TCL4 Clear	
PART NUMBER	LD2000	LD4000	LD4002	
Diameter	228mm (9")	228mm (9")	228mm (9")	
Aperture	179mm (7")	179mm (7")	179mm (7")	
Materials	Body: Diecast Aluminium Alloy, Seal: Nitrile	Body: Polycarbonate, Locking Ring: Acetal, Seal: Nitrile		







LD4000

MARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov - See page 124 to learn more about California Proposition 65

WATERTIGHT LOCKER DOORS / DECK HATCHES / LOCKER DOORS

QUICK CONNECT PIPEWORK AND FITTINGS

15 MM



WX1502(B)

15 mm Equal Tee



WX1503(B)

15 mm Equal Elbow



WX1504(B)

15 mm Equal Straight



WX1508B

End Plug (Brass)



WX1509B

Stem Adaptor 12 mm - 15 mm



WX1511E

Stem Adaptor 11 mm - 15 mm



WX1512B

Brass Back Plate



WX1520B

Adaptor 15 mm Female 15 mm Compression Fitting (Brass)



WX1521(B)

Stem Tee



WX1522(B)

Stem Elbow



WX1546B

End Stop



WX1571(B)*

3 Way Valve (Brass)



WX1573B*

Shut-off Valve (Brass)



WX1574(B)

Shut-off Valve



WX1575B*

Stem Shut-off Valve (Brass)



WX1582(B)

Check Valve - Non Return Valve (Brass)

THREADED 3/4"



WX1516B

Adaptor 3/4" BSP Male



WX1542(B)

Adaptor 3/4" BSP Female



WX1552B

Adaptor ¾" Garden Hose Thread (Green) Female

THREADED 3/8"



CS1538B

Adaptor 3/8" Plastic BSP Female



WX1538 / WX1538(B)

Adaptor 3/8" BSP Female



WX1539B

Stem Adaptor %" Female (Brass)



WX1563(B)

Stem Adaptor 3/8" NPT Male (Brass)



WX1583(B)

Adaptor 3/8" BSP Male

THREADED 1/2"



WX1080B

Adaptor ½" BSP Male - 10 mm Compression Fitting (Brass)



WX1513B

Adaptor 1/2" NPT Male (Brass) - 15 mm



WX1514B

Adaptor 1/2" BSP Male - 15 mm



WX1515(B)

Faucet Tail Assembly Adaptor 1/2" BSP Male - 15 mm



WX1519B

Flexible Heater Connector ½" NPT Male ½" BSP Female Length - 350 mm (14")



WX1524(B)

Stem Adaptor ½" NPT Male (Brass)



WX1531(B)

Elbow Adaptor ½" BSP Female - 15 mm



WX1532(B)

Adaptor 1/2" Female - 15 mm



WX1533B

Adaptor ½" BSP Female (Brass) - 15 mm



WX1534(B)

15 mm Stem with None Return Valve Adaptor $\frac{1}{2}$ " NPT Male (Brass)



WX1536B

Adaptor 1/2" BSP (Green) (Short Wings) Female



WX1567B

 $\ensuremath{\mathcal{V}}_2$ " NPT Male - $\ensuremath{\mathcal{V}}_2$ " BSP Male Shower Bulkhead Adaptor (Brass)



WX1587(B)

Stem Adaptor 1/2" BSP Male - 15 mm

Part Numbers Explanation:

B Suffix: refers to items available only in bulk packed quantities for high volume production OEM use

(B) Suffix: refers to items available in either retail packaging (e.g. WX1502) or in bulk packed quantities for high volume production OEM use (e.g. WX1502B).

Note: All brass connectors are lead-free and suitable for potable water unless marked with *

FLEXIBLE HOSE FITTINGS 1/2"



WX1544(B)

1/2" Hose Connector (Brass)



WX1584(B)

Stem Adaptor ½" Flexible Hose Male



WX1585B

Tee ½" barb X ½" barb X ½" barb



WX1586B

Tee $\frac{1}{2}$ " barb X 15 mm WX X $\frac{1}{2}$ " barb



WX1591(B)

Stem Elbow 1/2" Flexible Hose

FLEXIBLE HOSE FITTINGS 3/4"



WX1555E

Tee 3/4" barb X 3/4" barb X 3/4" barb



WX1556B

Tee ¾" barb X 15 mm WX X ¾" BARB



WX1557B

Tee $\frac{3}{4}$ " barb X $\frac{1}{2}$ " barb X $\frac{3}{4}$ " barb



WX1558B

Tee $\frac{1}{2}$ " barb X $\frac{1}{2}$ " barb X $\frac{3}{4}$ " barb



WX1592(B)

Stem Elbow 3/4" Flexible Hose



WX1593(B)

Stem Adaptor 3/4" Flexible Hose



WX2259B

Adaptor 22 Spigot X ¾" barb

OTHER CONNECTIONS



WX1517B

%16" X 24 UNEF Male Faucet Tail Adaptor (Brass) suitable for Gröhe Faucets



WX1535B

Stem Adaptor 1/8" Hose (Brass) for Windsrceen Washer



WX1537B

Stem Adaptor 1/4" NPT Female (Brass)



WX1566B

Tank Fitting Assembly



WX2260B

End Stop 22 mm Spigot



WX1528(B)

Adaptor 5/8" - 15 mm

PLUMBING SAFETY FITTINGS



WX1595B*

Pressure Relief Valve
- 6 bar ½" Female



WX1599(B)

Thermostatic Mixer Valve ½" Male (Brass) 15 mm and Check Valve / Non-Return Valve

Note: This product is covered by 1 year warranty

FLEXIBLE HOSE FITTINGS OTHER



WX1548B

%" Hose Connector (Brass)



WX1597(B)

Stem Adaptor 5/8" Flexible Hose

COLOUR CODED TUBING



WX7152

Standard Semi-Rigid Pipework 15 mm Blue 10 m (33 ft)

WX7152B

Standard Semi-Rigid Pipework 15 mm Blue 50 m (164 ft)



WX7154

Standard Semi-Rigid Pipework 15 mm Red 10 m (33 ft)

WX7154B

Standard Semi-Rigid Pipework 15 mm Red 50 m (164 ft)



WX7150

Standard Semi-Rigid Pipework 15 mm Green 10 m (33 ft)

WX7156B

Standard Semi-Rigid Pipework 15 mm Green 50 m (164 ft)



WX7162E

WHALEX Semi-Rigid Pipework 15 mm High Performance Blue 50 m (164 ft)

WX7562B

WHALEX Semi-Rigid Pipework 15 mm High Performance Blue 152 m (500 ft)



WX7164B

WHALEX Semi-Rigid Pipework 15 mm High Performance Red 50 m (164 ft)

WX7564B

WHALEX Semi-Rigid Pipework 15 mm High Performance Red 152 m (500 ft)



WX7166B

WHALEX Semi-Rigid Pipework 15 mm High Performance Green 50 m (164 ft)



WX7168B

WHALEX Semi-Rigid Pipework 15 mm High Performance White 15 m (49.2 ft)

TOOLS



WX7950

Pipework Cutters - must be used to cut Whale Semi-Rigid Pipework



WX1569B

Pipework Mounting Clip (White) **WX1565(B)**

Pipework Mounting Clip (Black)

WHALEX Pipework is NSF61 listed and has the benefits of a more scratch-resistant surface and greater durability.





QUICK CONNECT PLUMBING SYSTEM

Whale Quick Connect fittings provide fast and simple installation, ensuring high integrity, reliable, plumbing system solutions, specifically designed for use in mobile applications.

SAVE TIME AND MONEY BY USING WHALE QUICK CONNECT

- No pipe inserts or collet clips required, reducing part count, cost and installation time
- No special tools required to make a watertight connection
- ▶ 10 Year Warranty for peace of mind

RELIABLE AND DURABLE

- Unique 'Double Gripper' design provides secure lifelong pipework retention even at excessive pressures
- Innovative 'cage collet' eliminates leaks where fittings are installed close to tight bends
- High integrity single piece moulding improves the strength of the fittings
- Outer sleeve incorporates collet cover, preventing accidental pipework release
- Pipework includes measured cut marks, designed to be a visual guide to ensure that fittings are pushed fully home

WHALE QUICK CONNECT SEMI-RIGID PIPEWORK

- No pipe inserts required
- Whale Quick Connect color coded semi-rigid pipework is available in:
 - 12mm, 15mm, and 22mm 0D
 - Standard or high performance WhaleX PE materials
- The pipework's flexibility enables tight bends to be formed, reducing fittings and installation time

MINIMUM BEND RADII RECOMMENDATIONS

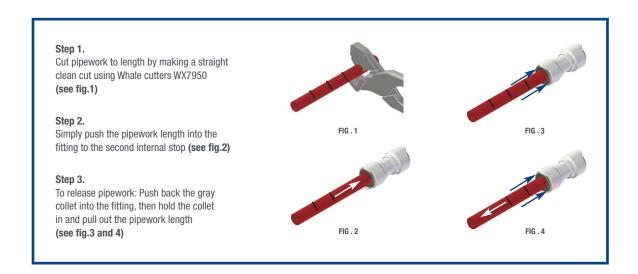
All grades of Whale Quick Connect semi-rigid pipework are flexible and can be bent into a tight radius to facilitate easy installation. This reduces the number of fittings required and the total cost of the water system.

Quick Connect 15mm Pipework

75mm

Materials	
Whale Quick Connect Fittings	Glass-Filled Polypropylene
Whale Quick Connect Pipework	Polyethylene

Maximum Operating Conditions	Maximum Pressure	Maximum Temperature	
Hot Water	6 bar (90 psi)	65°C (150°F)	
Cold Water	12 bar (180 psi)	20°C (68°F)	







RELIABLE NON-CLOG FISHBOX AND BAITWELL PUMPS USING PROVEN GULPER TECHNOLOGY

Our non-clog, filter free Gulper electric waste pumps for fishbox and baitwell installations handle fish waste and ensure long term reliability. Unlike macerator pumps, they can run dry with no risk of motor burn out. Gulper valve technology has been built on more than 20 years of market leading pump technology for proven reliable waste management.

BUILT ON MORE THAN TWO DECADES OF MARKET LEADING PUMP TECHNOLOGY. UNLIKE MACERATOR PUMPS, GULPER VALVE TECHNOLOGY MEANS NO FILTERS, NO CLOGGING OR MOTOR BURN OUT, JUST RELIABLE WASTE MANAGEMENT.

- Gulper Grouper MK3 with 90° port orientation ideal as a direct macerator replacement in fishbox installations
- ▶ No impeller to clog or burn, non-choke valves can easily handle fishbox waste
- ► Easy to install and maintain 360° head rotation and choice of 1" (25mm) or 1½" (38mm) hose connections
- Long term durability runs dry without damage
- Save battery low power consumption

Model	Gulper	Gulper Grouper MK2			Gulper Grouper N	MK3 With 90° Head
PART NUMBER	BP4572	BP4574	BP4672	BP4674	BP4772	BP4774
Weight			1.6kg ((3.5lbs)		
Voltage	12V d.c.	24Vd.c.	12V d.c.	24V d.c.	12V d.c.	24V d.c.
Fuse size	10 amps	5 amps	10 amps	5 amps	10 amps	5 amps
Dry running current	5 amps	2.5 amps	4 amps	2 amps	4 amps	2 amps
Cable size			1.5mm²	(16AWG)		
Hose connection	25mm (1") or 38mm (1½")					
Materials	Pump Body: Aluminium, Glass-filled Nylon, Clamp Ring: Acetal, Diaphragm: Santoprene®, Valves: Nitrile®, Feet: EPDM, Gearwheel: Delrin, Fasteners: Stainless Steel, Brass					
Materials in contact with fluid	Glass-filled Nylon, Nitrile, Santoprene®, Stainless Steel					
Service kits	AK1557 - Service Kit Contains Diaphragm and Valves					

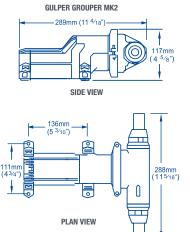
		Performance		
PART NUMBER	BP4572 / BP4574	BP4672 / BP4674	BP4772 / BP4774	
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	
Flow rate per minute	22 Itrs (5.8 US Gals)	18 ltrs (4.8 US Gals)	16 lts (4.2 US Gals)	
Maximum suction lift	0.5m (1.5ft)	1m (3ft)		
Maximum discharge head	3m (10ft)	2m (6ft)		
Maximum discharge head and suction lift (combined)	3m (10ft)	3m(10ft)	

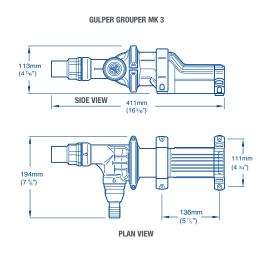
WARRANTY 2 YEARS

- **CE Certified**
- ISO 10133
- ISO 15083









UNLIKE MACERATOR PUMPS, GULPER VALVE TECHNOLOGY MEANS NO FILTERS, NO CLOGGING OR MOTOR BURN OUT, JUST RELIABLE WASTE MANAGEMENT

- Fishbox Discharge Pump
 - Handles fishbox waste
 - Easy to install in convenient locations
- Low amp draw means longer battery life
- Multi directional (360°) head for easy Installation
- ▶ Easy maintenance non-choke valve, no filter to clean or block
- Self-primes and runs dry without damage

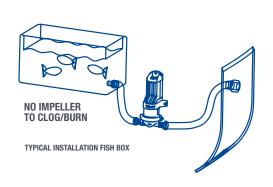
Model	Gulper 320			
PART NUMBER	BP2052	BP2054		
Weight	1.6kg (3.5lbs)			
Voltage	12V d.c. 24V d.c.			
Fuse size	10 amps 5 amps			
Cable size	1.5mm (16AWG)			
Hose connections	19mm (¾") or 25mm (1")			
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®			
Accessories	SB3422 (19mm / ¾") strainer (multi-directional port) included			
Service kits	AK2050 - Replacement Pump Head			

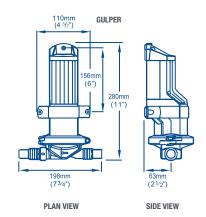
	Performance			
PART NUMBER	BP2052 / BP2054			
Hose size	19mm (¾")	25mm (1")	19mm (¾")	25mm (1")
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)
Flow rate per minute	19 Itrs (5 US Gals)	17.5 ltrs (4.6 US Gals)	17.5 ltrs (4.6 US Gals)	15.5 ltrs (4.1 US Gals)

WARRANTY 3 YEARS

- **CE** Certified
- ISO 8849
- ISO 15083
- ISO 10133
- ISO 8846
- ABY H-22
- IP45











WHALE'S LEGENDARY GULPER PUMP RANGE FOR TRULY FIT AND FORGET GRAY WASTE SOLUTIONS

Whale's Gulper pumps have led the way for over two decades in durability and non-clog valve technology, from simple one pump solutions to our range of automatic Intelligent Control tanks and pumps.

AUTOMATIC GRAY WASTE SYSTEM MANAGES WASTE FROM TWO DRAINS, ENSURING THE PUMP OPERATES ONLY WHEN REQUIRED WITH BUILT IN INTELLIGENT CONTROL

- Fully automatic electrical signals are sent to the pump from the Two-Way Manifold IC, sensing only when water needs to be pumped away
- Saves space fits where sumps or waste tanks are too large
- Easy to install and service free no moving parts to clog or burn
- Fast drainage high capacity up to 19 ltrs (5 US Gals) per minute with built in time delay
- ▶ Long life self primes, runs dry without damage, soft start to protect the pump
- Low current controlled switching no switch failure from high currents
- ▶ Kit includes plug and play Gulper IC pump and Two-Way Manifold IC with 4m (13ft) of cable

Model	MANIFOLD IC					
PART NUMBER	WM8284 WM8484					
Weight	1.6kg	(3.5lbs)				
Voltage	12V d.c.	24V d.c.				
Fuse size	10 amps	5 amps				
Cable size	1.5mm² (16AWG)					
Hose connection	Barbed Connection 19mm (¾") and 25mm (1")					
Materials	Pump Head: Glass-Filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®, Clamp Ring: Acetal, Feet: EPDM, Gear Wheel: Delrin®, Fasteners: Stainless Steel					
Materials in contact with fluid	Glass-filled Nylon, Santoprene®, Stainless Steel					
Service kits	AK2050 - Replacement Pump Head					

		Perfor		Manifold IC		
PART NUMBER		WM8284	Cable length	4m (13ft)		
Hose size	19mm (¾")	25mm (1")	19mm (¾")	25mm (1")	Control Voltage	5V d.c. via Gulper® IC
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)	Current Draw	Low power 0.01 amps
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)	Hose connections	25mm (1")
Flow rate per minute	19 ltrs (5 US Gals)	17.5 ltrs (4.6 US Gals)	17.4 ltrs (4.6 US Gals)	15.5 ltrs (4.1 US Gals)	Connectors	IP68 Waterproof Quick Connect 7 way (directly onto Gulper® IC)

For further guidance on the selection of the correct pump, please see page 123

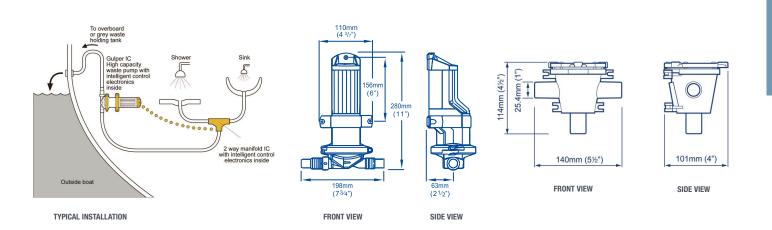
WARRANTY 3 YEARS

- **CE** Certified
- ISO 8849
- ISO 15083
- ISO 10133
- ISO 8846
- ABYC H-22
- IP45









AUTOMATIC SHOWER GULLEY WASTE SYSTEM MANAGES WASTE FROM A SINGLE GULLEY, ENSURING THE PUMP OPERATES ONLY WHEN REQUIRED WITH BUILT IN INTELLIGENT CONTROL

- Fully automatic electrical signals are sent to the pump from the shower Gulley IC, sensing only when water needs to be pumped away
- Compact single shower automatic gulley saves space by removing the need for gravity drainage
- ▶ Easy to install and service free no moving parts to clog or burn
- ▶ Fast drainage high capacity up to 19 ltrs (5 US Gals) per minute with built in time delay
- Long life self primes, runs dry without damage, soft start to protect the pump
- ▶ Low current controlled switching no switch failure from high currents
- Noise reduction at gulley
- Kit includes plug and play Gulper IC electric waste pump and compact Gulley IC with 4m (13ft) cable for easy installation

Model	Gulley IC				
PART NUMBER	SG8284	SG8484			
Weight	1.6kg	(3.5lbs)			
Voltage	12V d.c.	24V d.c.			
Fuse size	10 amps	5 amps			
Cable size	1.5mm (16AWG)				
Hose connection	Barbed Connections 19mm (¾") and 25mm (1")				
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®, Clamp Ring: Acetal, Feet: EPDM, Gear wheel: Delrin®, Fasteners: Stainless Steel				
Materials in contact with fluid	Glass-filled Nylon, Santoprene®, Stainless Steel				
Service kits	AK2050 - Replacement Pump Head				

		Perfor		Gulley IC		
PART NUMBER		SG8284 /	Cable length	4m (12ft)		
Hose size	19mm (¾")	19mm (¾") 25mm (1") 19mm (¾") 25mm (1")		Control voltage	5V d.c. via Gulper® IC	
Suction lift	0m (0ft)	Om (Oft)	1m (3ft)	1m (3ft)	Current draw	Low power 0.01 amps
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)	Hose connections	19mm (¾") or 25mm (1")
Flow rate per minute	19 ltrs (5 US Gals)	17.5 ltrs (4.6 US Gals)	17.4 ltrs (4.6 US Gals)	15.5 ltrs (4.1 US Gals)	Connectors	IP68 Waterproof Quick Connect 7 way (directly onto Gulper® IC)

For further guidance on the selection of the correct pump, please see page 123

WARRANTY 3 YEARS

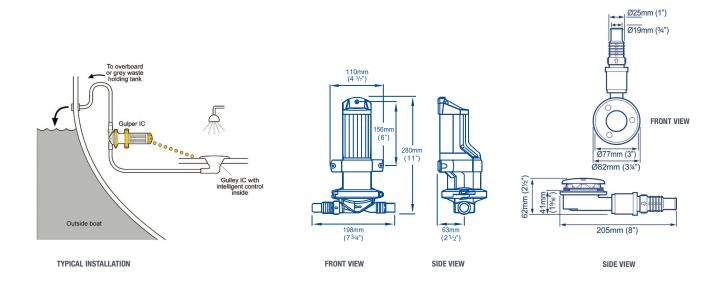
- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 10133
- ISO 8846
- ABYC H-22
- IP45











GULPER VALVE TECHNOLOGY HANDLES SHOWER WASTE FROM MULTIPLE DRAINS - NO FILTERS AND NO CLOGGING, HIGH CAPACITY, FAST DRAIN

- Save space one pump can be used for multiple drains with a gray waste tank
- Low current draw means longer battery life
- Multi directional (360°) head for easy installation
- ▶ Easy maintenance non-choke valve, no filter to clean or block
- Self-primes and runs dry without damage

Model	Gulper 320					
PART NUMBER	BP2052	BP2054				
Weight	1.6kg (3.5lbs)					
Voltage	12V d.c. 24V d.c.					
Fuse size	10 amps	5 amps				
Cable size	1.5mm² (16AWG)					
Hose connection	19mm (¾") or 25mm (1")					
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®					
Accessories	SB3422 (19mm / ¾") strainer (multi-directional port) included					
Service kits	AK2050 - Replace	ement Pump Head				

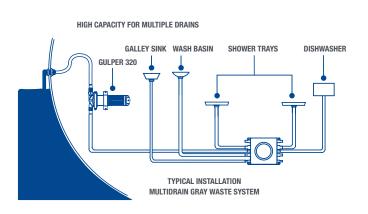
	Performance					
PART NUMBER	BP2052 / BP2054					
Hose size	19mm (¾")	25mm (1")	19mm (¾")	25mm (1")		
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)		
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)		
Flow rate per minute	19 Itrs (5 US Gals)	17.5 ltrs (4.6 US Gals)	17.5 ltrs (4.6 US Gals)	15.5 ltrs (4.1 US Gals)		

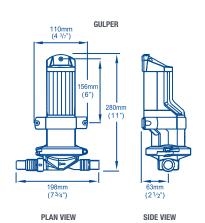
For further guidance on the selection of the correct pump, please see page 123

WARRANTY 3 YEARS

- **CE Certified**
- ISO 8849
- ISO 15083
- ISO 10133
- ISO 8846
- ABYC H-22







RELIABLY PUMPS SHOWER WASTE INCLUDING HAIR AND GELS, VIRTUALLY UNBLOCKABLE VALVES, NO FILTER TO CLEAN

- ▶ Reliable operation self-priming up to 3m (10ft)
- Double outlet valve ensuring continuous flow, will run dry without damage and pump a mixture of air and water
- Multi directional head for ease of installation
- Low power consumption

Model	Gulper 220					
PART NUMBER	BP1552	BP1554				
Weight	1.5kg	(3.4lbs)				
Voltage	12V d.c.	24V d.c.				
Fuse size	5 amps	2.5 amps				
Cable size	1.5mm² (16AWG)					
Hose connections	Inlet: 19mm (¾"), Outlet: Barbed connections 19mm (¾") or 25mm (1")					
Materials	Pump Body: Aluminium, Glass-filled Nylon, Clamp Ring: Acetal, Diaphragm: Santoprene®, Valves: Nitrile, Feet: EPDM Gearwheel: Delrin®, Fasteners: Stainless Steel, Brass					
Materials in contact with fluid	Glass-filled Nylon, Nitrile, Santoprene®, Stainless Steel					
Accessories	Gray Waste Tanks					
Service kits	AK1550 - Gulper® 220 Service Ki	t Contains: Diaphragm and Valves				

	Performance				
PART NUMBER	BP1552 BP1554				
Maximum suction lift	3m (10ft)				
Maximum discharge head	3m (10ft)				
Maximum discharge head and suction lift (combined)	4m (13ft)				
Suction lift	0m (0ft) 1m (3ft)				
Discharge head	1m (3ft) 1m (3ft)				
Flow rate per minute	13.5ltrs (3.5 US Gals) 12.6ltrs (3.4 US Gals)				

For further guidance on the selection of the correct pump, please see page 123

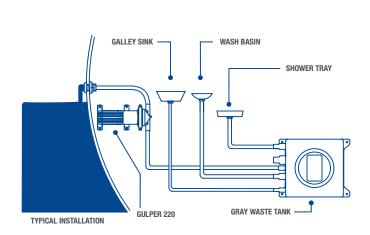
WARRANTY 2 YEARS

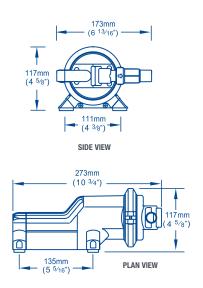
- **CE Certified**
- ISO 8849
- ISO 15083



Now with barbed outlet (discharge) connections to allow a choice of connecting directly to either 3/4" (19mm) or 1" (25mm)

please contact Whale for information.





UNIQUE 'TRIPLE SEAL' LID ISOLATES ELECTRONICS FROM THE HARSH GRAY WASTE ENVIRONMENT FOR ADVANCED DURABILITY

- Integrated sensors for automatic pump control solid state switch protected against water ingress
- ▶ Easy wiring connect any 12V or 24V d.c. pump system (up to 20 amp with no relay required)
- Ports shaped for drilling accuracy (8 ltr and 20 ltr tanks only)
- Double switch models second sensor can be wired to a high-level alarm or second pump
- Pumps can be top or side mounted on 20 ltr tank



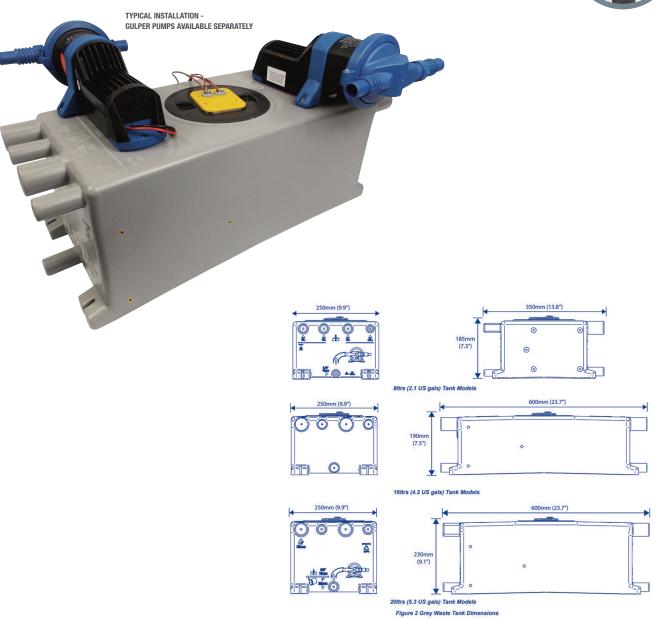
Models		Gray Waste Tanks									
PART NUMBER	GT0810B	GT0812B	GT0820B	GT0831B	GT1610B	GT1620B	GT1631B	GT2010B	GT2012B	GT2020B	GT2031B
Voltage					· •	12V / 24V d.c.					
Capacity		8 Itrs (2.1	US Gals)		16 I	trs (4.2 US Ga	ıls)	20 ltrs (5.3 US Gals)			
No. of sensors	1	2	2	1	1	2	1	1	2	2	1
Electrical connections	1.11	nned e ends	2 x Deutsch DT06- 3S- P012	1x Deutsch DT06- 3S- P012	Tinned wire ends	2 x Deutsch DT06- 3S- P012	1x Deutsch DT06- 3S- P012	Tin wire	ned ends	2 x Deutsch DT06- 3S- P012	1x Deutsch DT06- 3S- P012
Inlet hose connections	19mm (¾''	19mm (¾") x 2, 25mm (1") x 3, 38mm (1½") x 3 25mm (1") x 4, 38mm (1½") x 4									
Outlet hose connections	19mm (¾") x 1, 25mm (1") x 1			(1			2	25mm (1") x 2	2		
Materials		Tank: MDPE, Seals: EPDM/Neoprene, Monprene®, Lid: Glass-filled Polypropylene, ABS, Polyurethane									



WARRANTY 3 YEARS

- **CE Certified**
- ISO 10133
- ISO 8846





WHALE SHOWER SUMP SYSTEM

SIMPLE GRAY WASTE MANAGEMENT KIT PRE-ASSEMBLED FOR EASE OF INSTALLATION

- ► Easy maintenance clear, hinged lid and removable stainless mesh strainer for easy inspection and maintenance
- Multiple inlet port sizes for easy connection to existing plumbing
- ► Reliable operation Electric Field Sensor Switch automatically senses water level and switches on and off
- ▶ Consistent flow built-in non-return valve prevents cycling
- Perfect to collect air condensate

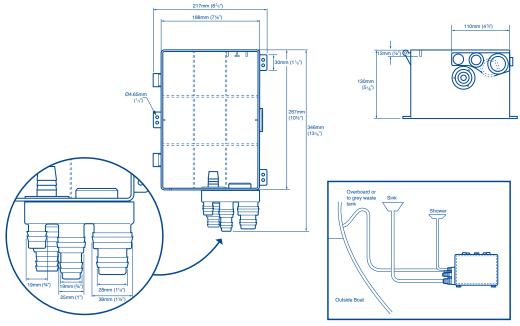
Model	Whale Shower Sump System				
PART NUMBER	GW0500 GW0950				
Weight	1.25kg (2.8lbs)	1.42kg (3.1lbs)			
Voltage	12V d.c.				
Fuse size	2 amps 5 amps				
Materials	Tank: ABS, Polycarbonate, Strainer: Stainless Steel Mesh, Orca - Pump body: Glass-filled Nylon ABS, Seals: Nitrile, Impeller: Acetal, Electric Field Sensor: ABS				
Inlet ports	19mm (¾"), 25mm (1"), 28mm (1½"), 38mm (1½")				
Outlet ports	19mm (¾"), 25mm (1")				

	Performance				
PART NUMBER	GW0500	GW0950			
Open flow rate	32 Itrs/min (500 US GPH)	59 Itrs/min (950 US GPH)			
Flow rate at 1m head	16 ltrs/min (255 US GPH)	38 ltrs/min (600 US GPH)			

WARRANTY 1 YEAR

▶ CE Certified





IDEAL FOR BOATS FROM 60FT FOR MANAGING LARGE AMOUNTS OF GRAY WASTE WATER

WARRANTY 1 YEAR

- Save space pumps mounted onto tanks saves valuable space on board, allowing more flexibility for layouts
- Capacity 100 ltrs (26.4 US Gals)
- Electronic switches
 - for automatic operation
 - no moving parts
 - no exposed contacts
 - max current draw 20 amp
- Clear inspection lid with 3 independent switches
 - Switch 1 operates pump 1
 - Switch 2 operates pump 2 when a higher volume of waste needs to be pumped out
 - Switch 3 high level alarm



Model	Shower and Sink Waste High Capacity System
PART NUMBER	GW1033
Tank material	MDPE
Tank wall thickness	8mm
Tank dimensions (length x width x height)	830mm (33"), 530mm (21"), 240mm (9.4")
Pumps	2 x Gulper 320 (24V d.c.) 19 ltrs (5 US Gals) / minute each
Switches	3 x BE9003
Electrical connections	Deutsch
Inlet fittings	4 x 2" BSP thread
Plunger tube for manual pump	No
Vent	¾" Elbow

^{*}Please note: this product is currently only available to boat builders - minimum order quantities apply - contact Whale Support for details

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PRE-ASSEMBLED, EASY INSTALL KIT INCLUDES LEADING GULPER WASTE PUMP AND MULTI-PORT POLYETHYLENE TANK

WARRANTY 1 YEAR

- Includes 8 ltr (2.1 US Gal) tank and Gulper 220 pump
- Non-choke valves, proven debris handling no filter required
- ► Can run dry without damage
- Automatic pump activation
- Robust polyethylene tank design (one piece roto-moulded), with pre-mounted pump to save on installation time



Model	Shower and Sink Waste System
GK1512	Kit includes 8 ltrs (2.1 US Gals) capacity gray waste tank and BP1552 Gulper 220 gray waste pump (12V d.c.)
GK1514	Kit includes 8 ltrs (2.1 US Gals) capacity gray waste tank and BP1554 Gulper 220 gray waste pump (24V d.c.)

GRAY / SHOWER WASTE ACCESSORIES

COMPLETE YOUR SYSTEM

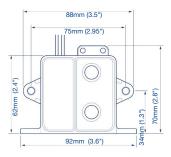
Fit Whale high quality pumps and accessories to ensure long term reliability throughout your gray waste system. Whale switches, diverter valves, and pipework connections are designed and manufactured to the highest quality specification. Combine these accessories with your Whale waste pumps for reliability and durability.

GRAY WASTE TANK ELECTRIC FIELD SENSOR SWITCH

- ▶ Electric field sensor automatically senses water levels and switches on the bilge pumps
- Automatically switches on when 51mm (2") of water is sensed and turns off when water drops below 13mm (½")
- ▶ BE9006 model built in 30 second off delay for efficient operation, prevents cycle in small sump installations and enables lower drain than 13mm (½")

Model	Electric Field Sensor Switch	Electric Field Sensor Switch (30 second time delay)
PART NUMBER	BE9003	BE9006
Voltage	12V d.c. or 24V d.c.	
Current	Suitable for up to 20 amps	
Standby current	0.008 amps	

WARRANTY 1 YEAR



SIDE VIEW



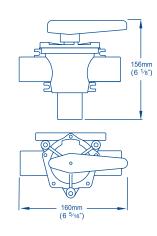
DIVERTER VALVES ALLOWS ONE PUMP TO DRAW FROM 2 LOCATIONS

DV5630 Diverter Valve 1" (25mm) connections
DV5606 Diverter valve 1½" (38mm) connections

- Materials Main Body: Acetal, Teflon, Handle: PTFE polyester
- Complies with US Coast Guard rules for type III Waste systems



WARRANTY 5 YEARS



WHALE SUPPLY A WIDE RANGE OF ACCESSORIES DESIGNED SPECIFICALLY FOR USE WITH WHALE PUMPS, CREATING A COMPLETE SYSTEM SOLUTION FOR THE INSTALLER

Y PIECE

- Designed to enable two pumps to discharge through a single line
- Ideal for use when a diverter is not required

Model	Y Piece
PRODUCT NUMBER	YP6114
Pipe diameter	38mm (1½")
Materials	Polypropylene



WARRANTY 1 YEAR

ELBOWS

Ideal for use in installations in confined spaces

Model	Elbows		
PRODUCT NUMBER	EB3364 EB3488		
Pipe diameter	25mm (1") 38mm (1½")		
Materials	Polypropylene		



NON-RETURN VALVES

- ▶ Extensive range now includes ¾" and 1½" models
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit inline
- Suitable for use with manual or electric pumps

Model	Non Return Valves			
PRODUCT NUMBER	LV1215 LV1218 LV1219			
Pipe diameter	25mm (1") / 38mm (1½") 25mm (1") / 28mm (1½") 19mm (¾") / 25mm (1")			
Materials	Body: Glass-filled Polypropylene, Glass-filled Nylon, Valve: Nitrile			





SKIN FITTINGS

Manufactured using strong high quality moulded non-corrosive acetal

Model	Skin Fitting			
PRODUCT NUMBER	SF5018 SF5131 SF5204 SF5424			
Pipe diameter	16mm (5%") 19mm (34") 25mm (1") 38mm (11/2")			
Materials	Acetal			



Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.



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PRACTICAL, DEPENDABLE SOLUTIONS WHERE YOU REALLY NEED THEM

Fit Whale's manual and electric black waste pumps for reliable waste management onboard without the need for a macerator. Both the Gulper Toilet Pump and MK5 Sanitation Pump handle unmacerated waste and can pump dry, meaning no unwanted macerator failure and ensuring peace of mind onboard.

NON CLOG, NO FILTER WASTE PUMP BUILT ON MORE THAN TWO DECADES OF MARKET LEADING PUMP TECHNOLOGY. PUMPS UNMACERATED TOILET WASTE

- Virtually unblockable pumps unmacerated toilet waste with ease
- Pumps a mixture of air and waste, runs dry without damage
- ▶ Pumps up to 18 ltrs (4.75 US Gals) per minute
- ▶ Rotatable inlet and outlet allows you to install and maintain in awkward locations
- Self priming up to 3m (9.8ft) mount the pump in the most convenient part of boat
- Ideal for holding tanks and vacuum systems

Model	Gulper Toilet Pump		
PART NUMBER	BP2552B	BP2554B	
Weight	2.12kg	(4.8lbs)	
Voltage	12V d.c.	24V d.c.	
Fuse size	10 amps	5 amps	
Dry running current	5.5 amps	2.5 amps	
Cable size	1.5mm (16AWG)		
Hose connections	38mm (1½")		
Materials	Pump Body: Aluminum, Glass-filled Nylon, Clamp Ring: Acetal Diaphragm: Santoprene®, Valves: Nitrile, Gearwheel: Bronze, Feet: EPDM, Fasteners: Stainless Steel, Brass		
Materials in connection with fluid	Glass-filled Nylon, Santoprene®, Nitrile		
Service kits	AK1557 - Service kit Contains: Diaphragm and Valves		

	Performance		
PART NUMBER	BP2552B/BP2554B		
Maximum suction lift	3m (10ft)		
Maximum discharge head	3m (10ft)		
Maximum discharge head and suction lift (combined)	3m (10ft)		
Suction lift	0m (0ft) 1m (3ft)		
Discharge head	1m (3ft) 1m (3ft)		
Flow rate per minute	17 ltrs (4.6 US Gals) 16.5 ltrs (4.4 US Gals)		

For further guidance on the selection of the correct pump, please see page 123

MARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov - See page 124 to learn more about California Proposition 65

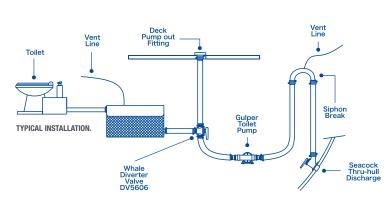
WARRANTY 5 YEARS

- ISO 15083
- ISO 10133
- ABYC H-22
- IP45

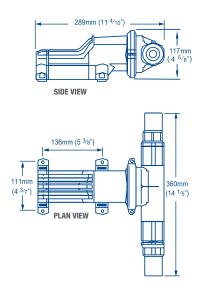


WARNING
IT IS IMPORTANT TO ENSURE
THAT A SYPHON BREAK IS
FITTED, WHERE DISCHARGE

IS BELOW THE WATER LINE.



NOTE: WHERE DISCHARGE IS BELOW THE WATER LINE, A SIPHON BREAK MUST BE FITTED.



MANUAL BLACK WASTE PUMP DESIGNED FOR TOILET FLUSH OR HOLDING TANK PUMP OUT. ENSURES TOTAL RELIABILITY IN BLACK WASTE MANAGEMENT

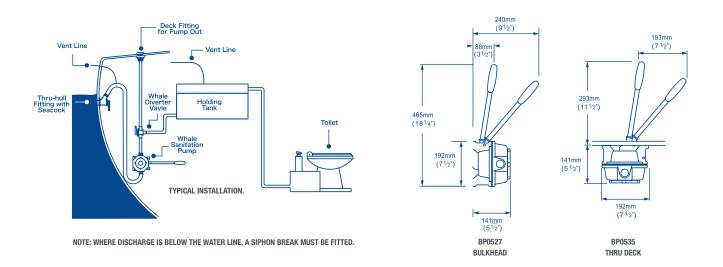
- ▶ Maximum performance wide hose connections 38mm (1½"), 66 ltrs (17.5 US Gals) per minute
- ▶ Tough plastic housing keeps in nasty smells
- Large, virtually non-block valves
- Easy to clean (no tools required)
- ▶ Lightweight design for easy operation

Model	MK5 Sanitation Pump		
Model	Bulkhead	Thru Deck	
PART NUMBER	BP0527	BP0535	
Weight	1.17kg (2.6lbs)		
Hose connection	38mm (1½")		
Materials	Pump Body: Glass-Filled Polypropylene, Acetal, Diaphragm, Valves and Seals: Nitrile, Operating Lever: Acetal, Glass-filled Nylon, PVC, Handle, Spring and Fasteners: Stainless Steel		
Materials in connection with fluid	Glass-Filled Polypropylene, Acetal, Nitrile, Stainless Steel		
Service kits	AK8050 - Service Kit Contains: Diaphragms, Valves and Circlips		
Accessories	DP9906 - Deckplate Kit, DP9005 - Deck Ring (for BP0535 only)		

	Performance
PART NUMBER	BP0527 / BP0535
Maximum suction lift	4.5m (15ft)
Maximum discharge head	4.5m (15ft)
Suction lift	1m (3ft)
Discharge head	0.5m (1.5 ft)
40 strokes per minute	42 ltrs (11 US Gals)
70 strokes per minute	66 ltrs (17.5 US Gals)

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IS BELOW THE WATER LINE.

BLACK / TOILET WASTE ACCESSORIES

COMPLETE YOUR SYSTEM

Fit Whale high quality pumps and accessories to ensure long term reliability throughout your black waste system. Diverter valves, and pipework connections are designed and manufactured to the highest quality specification. Combine these accessories with your Whale waste pumps for reliability and durability.

DIVERTER VALVE TO DIVERT FLOW TO OVERBOARD OR DECK PUMP OUT

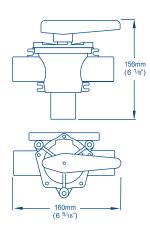
WARRANTY 5 YEARS

DV5630 Diverter Valve 1" (25mm) connections
DV5606 Diverter valve 1½" (38mm) connections

- Materials Main Body: Acetal, Teflon, Handle: PTFE polyester
- Complies with US Coast Guard rules for type III Waste systems

Note: Whale diverter valves are not designed to be installed in a pressurized system





Y PIECE WARRANTY 1 YEAR

- Designed to enable two pumps to discharge through a single line
- Ideal for use when a diverter is not required

Model	Y Piece
PRODUCT NUMBER	YP6114
Pipe diameter	38mm (1½")
Materials	Polypropylene



ELBOWS

Ideal for use in installations in confined spaces

Model	Elbows		
PRODUCT NUMBER	EB3364 EB3488		
Pipe diameter	25mm (1") 38mm (1½")		
Materials	Polypropylene		



NON-RETURN VALVES

- ▶ Extensive range now includes ¾" and 1½" models
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit inline
- Suitable for use with manual or electric pumps

Model	Non Return Valves			
PRODUCT NUMBER	LV1215 LV1218 LV1219			
Pipe diameter	25mm (1") / 38mm (1½") 25mm (1") / 28mm (1½") 19mm (¾") / 25mm (1")			
Materials	Body: Glass-filled Polypropylene, Glass-filled Nylon, Valve: Nitrile			





SKIN FITTINGS

Manufactured using strong high quality moulded non-corrosive acetal

Model	Skin Fitting			
PRODUCT NUMBER	SF5018 SF5131 SF5204 SF5424			
Pipe diameter	16mm (¾") 19mm (¾") 25mm (1") 38mm (1½")			
Materials	Acetal			



Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.



▲ WARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov - See page 124 to learn more about California Proposition 65



ELECTRIC BILGE PUMP RANGE

	\$ 6 6	2. Flow Rate & Design			Boat Type (by length)	1 Select						
Accessories - Complete Your System	Outlet Size	Gode	Description Product 12 Code 74		Images (not to scale)	Version Please note - Standard versions require a separate bilge switch	Orientation	Open Flow Rate	12 - 24m (40ft - 80ft)	6 - 12m (20ft - 40ft)	0 - 6m (0 - 20ft)	
ries - 9 Your m	Size	24 V	12 V	uct otion	es cale)	se note - /ersions /eparate vitch	ition	:low e)ft - 80ft)	ft - 40ft)	- 20ft)	
4201-7 - Float Switch BE9003 - Electric Field Sensor LV1219 - Non Return Valve	3/4"	/	SS5012	Supersub 500		Standard	Horizontal	500 US GPH 32 ltrs/min			۷	
4201-7 - Float Switch BE9003 - Electric Field Sensor	34" & 1" stepped ports	/	SS5022	Supersub 650		Standard	Horizontal	650 US GPH 40 ltrs/min			<	Low Profile
	34" & 1" stepped ports	/	SS5212	Supersub Smart 650		Automatic	Horizontal	650 US GPH 40 ltrs/min		V	V	Low Profile, Narrow Submersibles
4201-7 - Float Switch BE9003 - Electric Field Sensor	1" & 11%" stepped ports	SS1024	SS1212	Supersub 1100		Standard	Horizontal	1050 US GPH 66 ltrs/m	٧	٧		bmersibles
	1" & 11%" stepped ports	SS1224	SS1212	Supersub Smart 1100		Automatic	Horizontal	1050 US GPH 66 ltrs/min	٧	V		
4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	3/4"	/	BE0500	0rca 500) .	Standard	Vertical	500 US GPH 32 ltrs/min			<	O
4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	1" & 11/8" stepped ports	/	BE0950	0rca 950		Standard	Vertical	950 US GPH 59 ltrs/min		٧	۷	ompact and I
4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	1" & 11/8" stepped ports	BE1454	BE1450	Orca 1300	J.	Standard	Vertical	1300 US GPH 82 ltrs/min	٧	V		owerful Vert
LV1215 - Non Return Valve	1" & 11/8" stepped ports	BE1484	BE1482	Orca Auto 1300		Automatic	Vertical	1300 US GPH 82 ltrs/min	√	٧		ically Stacke
BE9003 - Electric Field Sensor LV1215 - Non Return Valve	11/8"	BE2004	BE2002	0rca 2000	(lad) (P	Standard	Vertical	2000 US GPH 126 ltrs/min	V	V		Compact and Powerful Vertically Stacked Submersibles
BE9003 - Electric Field Sensor LV1215 - Non Return Valve	11/4"	BE3004	BE3002	0rca 3000	Government of the second	Standard	Vertical	3000 US GPH 189 Itrs/min	٧	V		les
	34" & 1" stepped ports	SI8484	SI8284	Bilge IC	*	Automatic	Remote Mounted	300 US GPH 19 ltrs/min		٧	<	Remote Mounted

Gray columns indicate a standard model that requires a separate switch. White columns indicate a pump that has Intelligent Control technology and is an automatic pump.

MANUAL BILGE PUMP RANGE

					3. Select Pump Model					5	2. Appliance, Performance & Part Size			(a) religin)	Boat Type	1 Coloc+	
S	Pl	RODU	CT CC	DE	De	(nı		Perfu (at 45 st			USAGE		m	12 - 24	6 - 12	0 - 0	
Service Kits	Portable	Thru Deck	On Bulkhead	On Deck	Product Description	Images (not to scale)	Port Size	Performance Data (at 45 strokes per minute)	Approvals	Water Ballast Pump	Toilet Flush	Holding Tank Pump Out	Emergency Bilge Pump Out	12 - 24m (40ft - 80ft)	6 - 12m (20ft - 40ft)	0 - 6m (0 - 20ft)	
AK3051 - Service Kit for Gusher 30	\	BP3020	BP3010	BP3000	Gusher 30	\$ —	1½" (38mm)	75 Itrs (20 US Gals)	Life Boats Approval • Approved by Lloyds (MCA)	V			√	٧	٧	۷	Long Life Diecast Alloy Range
AK3706 - Service Kit for Gusher 10 (Neoprene) AK3714 - Service Kit for Gusher 10 (Nitrile)	\		BP3740	BP3708	Gusher 10		1½" (38mm)	41 ltrs (11 US Gals)		V	V		V	V	V	۷	st Alloy Range
AK9003 - Gusher Titan Service Kit (Neoprene) AK3011 - Gusher Titan Service Kit (Nitrile)	/		BP4410	BP4402	Gusher Titan		1½" (38mm)	67 ltrs (18 US Gals)		V			V	V	V	V	1
AK8050 - Service Kit for MK5 Universal	/			BP0510	MK5 Universal		1½" (38mm)	42 ltrs (11 US Gals)		٧	٧	٧	٧	٧	٧	V	ough and Ligh
AK8060 - Service Kit for MK5 D Acting - contains: Diaphragms, Valves and Circlips AS8551 - Rocker arm assembly AS8552 - Clamping plate and nut kit	/	MH5560	MH5550	MH5570	MK5 Double Acting		1½" (38mm)	64 ltrs (17 US Gals)	Life Boats Approval Approved by Lloyds (MCA) and USCG (MK5 Universal MCA - Size 2) (MK5 Double Acting - Size 3)	٧	V	V	V	٧	V	V	Tough and Lightweight Polypropylene Range
AK4400 - Service Kit for Gusher Urchin (Neoprene) AK4419 - Service Kit for Gusher Urchin (Nitrile)	/		8106dB	BP9005 (Fixed Handle) BP9021 (Removable Handle)	Gusher Urchin	Ť	1" (25mm)	25 ltrs (7 US Gals)			٧	٧	٧	Secondary bilge pump only	٨	٧	opylene Range
00 - Jusher Urchin rene) 19 - 19 - le))13	ed Handle) vable Handle)	ner nin	P	1½" (38mm)	37.5 ltrs (9.9 US Gals)			V	V	V	V	V	V	
AK8035 - Service Kit for Compac 50	/		BP0350	1	Compac 50		1" (25mm)	32 ltrs (9 US Gals)		٧	٧		٧	٧	٨	V	
AK5010 - Service Kit for Smartbail	,		gdg	,	Smai		1" (25mm)	32.75 ltrs (9 US Gals)					V	Secondary bilge pump only	٧	V	Compact Range
or Smartbail	`		BP5012		Smartbail		1½" (38mm)	43.5 ltrs (11.5 US Gals)					V	٧	٧	V	CD.
	BP1935 - Short Barrel	_	/	/	Easybailer	<i>A</i>	1" (25mm)	19 ltrs (5 US Gals)							Second:		Portable Range
	BP1955 - Short Barrel	\	/	/	bailer	Q,	īmm)	ltrs Gals)					V		Secondary bilge pump only	V	Range

MANUAL AND ELECTRIC FRESHWATER PUMP RANGE

	Pump Model		Outlets & Performance	2. Select		(by length)	1. Select Boat Type					
Service Kits	Accessories - Complete Your System	Code	Product	Product Description	Images (not to scale)	Flow Rate Itrs/min (US Gals/min)	Pump Usage	Outlets*	12 - 24m (40ft - 80ft)	6 - 12m (20ft - 40ft)	0 - 6m (0 - 20ft)	
Kits	ries - e Your em	24 V	12 V	uct otion	es cale)	ltrs/min /min)	je Ip	ts*	Oft - 80ft)	ft - 40ft)	- 20ft)	
AK0618 - V Pump Service Kit; AS0627 - Clamping Block Assembly	Save TI Ensures			8 ltrs (2 US Gals)	Hand-operated Freshwater Pump	1		V	۷			
AK0618 - Service Kit for Flipper; AS0406 - Flipper Overhaul Kit	Quick Connect Plumbing Range - Save Time and Money by using Whale Quick Connect wide range of fittings and pipework design. Ensures easy installation and re-usability of components. The two step installation procedure does not require special tools to make a watertight connection.		GP0418	Flipper Pump MK4		7 ltrs (1.85 US Gals)	oerated er Pump	1		V	< √	Man
AK4615 - Kit for Babyfoot [®] Pump	Quick Connect Plumbing Range - / by using Whale Quick Connect wide range of fittings and ion and re-usability of components. The two step installati not require special tools to make a watertight connection.		GP4618	Babyfoot		8 ltrs (2 US Gals)		1	V	V	V	Manual Freshwater Pumps
AK0553 - Service Kit for Gusher® Galley MK3; AS0556 - Piston and Operating Kit	ge - e of fittings and pipework to step installation proced ight connection.		GP0550	Gusher Galley MK3 - Right		15 ltrs (4 US Gals)	Foot-operated Freshwater Pump	1	V	V	V	sdur
AK0553 - Service Kit for Gusher® Galley MK3; AS0556 - Piston and Operating Kit	cdesign. Iure does		GP0551	Gusher Galley MK3 - Left		15 ltrs (4 US Gals)		1	V	V	V	
/	Controls the pump - system pressure. R	/	GP1002	Standard Submersible/ Inline		10 ltrs (2.6 US Gals)		1			٧	Elec
/	WU7207 - Pressure Switch Controls the pump - turning it on and off by sensing changes in water system pressure. Recommended for use with Whale submersible and in-line booster pumps.	GP1354/GP1394	GP1352/GP1392	Premium Submersible/ Inline		13 ltrs (3.4 US Gals)	Freshwater Impeller Pump	1-2			V	Electric Freshwater Pumps
,	writch sing changes in water /hale submersible and	/	GP1652/GP1692	High Flow Submersible/Inline		15 ltrs (4 US Gals)		1-2		√ Refer to no. of outlets	V	umps

*Example outlet types: Galley Faucet (Tap), Heads Faucet (Tap), Shower, Toilet Flush, Deck Wash, Transom Showers, Ice Maker, etc.

ELECTRIC FRESHWATER PUMP RANGE

		Performance	2. Select			Boat Type (by length)	1 Color						
Service Kits	Accessories - Complete Your System	Code	Product	Product Description	Images (not to scale)	Flow Rate Itrs/min (US Gals/min)	Maximim Running Pressure	Pump Usage	Outlets*	12 - 24m (40ft - 80ft)	6 - 12m (20ft - 40ft)	0 - 6m (0 - 20ft)	
3 Kits	ories - le Your lem	24 V	12 V	uct ption	jes scale)	Itrs/min s/min)	Running	np ge	ts*	loft - 80ft)	0ft - 40ft)) - 20ft)	
AK1316 - Pump Head; AK1319 - Spare Filter; AK1329 - Spare Saltwater Filter	PT020 Ensures sm vibration are	/	FW0814	Watermaster Pressure Pump**		8 Itrs (2 US Gals)	2 Bar (30psi)		1-2		√ Refer to no. of outlets	V	
AK1316 - Pump Head; AK1319 - Spare Filter; AK1329 - Spare Saltwater Filter	PT0200 - 2 Itr Accumulator Tank - Ensures smooth even flow to all outlets. Noise and vibration are reduced by preventing pump cycling	/	FW1214	Watermaster Pressure Pump**		12 ltrs (3 US Gals)	2 Bar (30psi)	Freshwater Pump Range	3-4		√ Refer to no. of outlets	V	
AK1316 - Pump Head; AK1319 - Spare Filter; AK1329 - Spare Saltwater Filter	or Tank - ets. Noise and pump cycling	FW1225	FW1215	Watermaster Pressure Pump**		12 ltrs (3 US Gals)	3 Bar (45psi)		3-4	√ Refer to no. of outlets	√ Refer to no. of outlets		
AK1316 - Pump Head; AK1319 - Spare Filter;	/	UF2224	UF2214	12 ltr Pressure Pump & 2 ltr Accumulator		12 ltrs (3 US Gals)	2 Bar (30psi)	Ensures s	1-2		√ Refer to no. of outlets	V	Electric Freshwate
AK1316 - Pump Head; AK1319 - Spare Filter;	/	UF2225	UF2215	12 ltr Pressure Pump & 2 ltr Accumulator		12 ltrs (3 US Gals)	3 Bar (45psi)	mooth even flow to a	3-4	√ Refer to no. of outlets	Refer to no. of outlets	٧	
AK1316 - Pump Head; AK1319 - Spare Filter;	/	1	UF2015	12 ltr Pressure Pump & 8 ltr Accumulator		12 ltrs (3 US Gals)	3 Bar (45psi)	Freshwater Ac Ill outlets. Noise and	3-4	$rac{}{}$ Refer to no. of outlets	Refer to no. of outlets	V	r Pressure Pump
AK1316 - Pump Head; AK1319 - Spare Filter;	/	UF8025	UF8015	18 ltr Pressure Pump & 8 ltr Accumulator		18 ltrs (6 US Gals)	3 Bar (45psi)	Freshwater Accumulator Kit - lets. Noise and vibration are reduce	4-6	Refer to no. of outlets			
AK2415 - 12ltr, 12V d.c. Pump; AK2425 - 12ltr, 24V d.c. Pump; AK1314 - Spare Low Pressure Switch; AK1315 - Spare High Pressure Switch	,	UF2425B	UF2415B	24 ltr High Capacity 21 ltr Accumulator		24 ltrs (6.3 US Gals)	3 Bar (45psi)	Freshwater Accumulator Kit - Ensures smooth even flow to all outlets. Noise and vibration are reduced by preventing pump cycling	6-8	Refer to no. of outlets			
AK3615 - 18ltr, 12V d.c. Pump; AK3625 - 18ltr, 24V d.c. Pump; AK1314 - Spare Low Pressure Switch; AK1315 - Spare High Pressure Switch	1	UF3625B	UF3615B	32 ltr High Capacity 21 ltr Accumulator		32 ltrs (8.4 US Gals)	3 Bar (45psi)	p cycling	6-8	Refer to no. of outlets			

GULPER WASTE PUMP RANGE

			Performance	2. Select		Boat Type (by length)	1 Select					
Service Kits	Accessories - Complete Your System	Code	Product	Product Description	Images (not to scale)	Flow Rate Itrs/min (US Gals/min)	Pump Usage	Waste Outlets	12 - 24m (40ft - 80ft)	6 - 12m (20ft - 40ft)	0 - 6m (0 - 20ft)	
e Kits	ories - te Your em	24 V	12 V	escription	ges scale)	ltrs/min s/min)	Jsage	Outlets	10ft - 80ft)	Oft - 40ft)) - 20ft)	
AK1557 - Gulper Toilet Pump Service Kit	Black Waste Tank, Skin Fittings, Diverter Valve - DV5606, Hose Fitting Elbow 1½" - EB3488, Hose Fitting Y-Piece - YP6114	BP2554B	BP2552B	Gulper Toilet Pump		18 ltrs (4.75 US Gals)	Black Waste	1 (or can be used with a Black Waste Tank for multiple outlets)	V	V	V	
AK1550 - Gulper 220 Service Kit	Gray Waste Tanks (8L, 16L, 20L), In-line Check Valve - LV1215, Skin Frittings, Hose Fitting Elbow 1" — EB3364, Hose Fitting Elbow 1".	BP1554	BP1552	Gulper 220		14 ltrs (3.5 US Gals)	Gray Waste	1 (or can be used with a Whale Gray Waste Tank for multiple outlets)	V	۷	٧	
AK2050 - Replacement Pump Head	Gray Waste Tanks (8L, 16L, 20L), Skin Fittings	BP2054	BP2052	Gulper 320		19 ltrs (5 US Gals)	Gray Waste	1 (or can be used with a Whale Gray Waste Tank for multiple outlets)	V	√	٧	Electric Waste Pumps
AK2050 - Replacement Pump Head IC	In-line Check Valve - LV1215, Skin Fittings, Hose Fitting Elbow 1" - EB3364, Hose Fitting Elbow 1½" - EB3488, Hose Fitting Y-Piece - YP6114	WM8484	WM8284	Gulper Gray IC Kit		19 ltrs (5 US Gals)	Gray Waste	2	V	Refer to no. of outlets	Refer to no. of outlets	ວ ເ
AK2050 - Replacement Pump Head IC	In-line Check Valve - LV1215, Skin Fittings, Hose Fitting Elbow 1" - EB3364, Hose Fitting Elbow 1½" - EB3488 Hose Fitting Y-Piece - YP6114	SG8484	SG8284	Gulper Gulley IC Kit		19 ltrs (5 US Gals)	Gray Waste	1	<	<	<	

CALIFORNIA PROPOSITION 65 OVERVIEW	
What is Proposition 65?	Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects or other reproductive harm. This enables Californians to make informed decisions about their exposures to these chemicals. Proposition 65 requires California to publish a list of chemicals known to cause cancer, birth defects or other reproductive harm. This list, which must be updated at least once a year, has grown to include approximately 900 chemicals since it was first published in 1987.
What does the warning look like?	WARNING: Cancer and Reproductive Harm - www.P65warnings.ca.gov
What does a warning mean?	The product number associated with the warning could expose individuals to one or more of the chemicals on the list.
How do I learn more about Proposition 65?	Visit this website to learn more about Proposition 65. https://www.p65warnings.ca.gov/
Where do I find answers related to businesses?	https://www.p65warnings.ca.gov/sites/default/files/art_6_business_qa.pdf



DISCLAIMER

Any performance / specification figures shown have been calculated using standard testing procedures. Where maximum output is stated, such maximum output refers to pumps acting at zero lift and zero head. Actual performance may vary depending on the application, installation and environmental factors. Neither the accuracy nor completeness of the information contained in this or any Product literature is guaranteed by the Company and may be subject to change at its sole discretion. The Company may, at its sole discretion, change the technical performance, dimensions or appearance of any of its Products without prior notification to purchasers. The Company shall not be liable to a purchaser for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use of a Product. Where dimensions are stated, such dimensions are for guidance only. Inch measurements are conversions from millimetre dimensions and are shown to the nearest 1/16". US gallons volumes are conversions from litres and are also shown for guidance purposes only to the nearest 1/16".

Please contact the Company directly if precise measurements are required.

Please note: All products shown in this brochure are designed for use in marine vessels and are not suitable for installation in domestic applications.

Please note: All Whale electrical products must be installed and serviced by a qualified electrical engineer in accordance with the Whale appliance installation and operating instructions and appropriate electrical regulations and certifications.

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Munster Simms Engineering Ltd, 2 Enterprise Road, Bangor, Co Down, N. Ireland, BT19 7TA

Whale - Support Whale - Support (The Americas)

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Email: curacao@islandwaterworld.com www.islandwaterworld.com

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Island Water World

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Email: iwwstdavids@islandwaterworld.com www.islandwaterworld.com

ST.LUCIA

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Tel: +1 758-452-1222 Email: iwwsl.ltd@candw.lc www.islandwaterworld.com

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Budget Marine St. Maarten

Waterfront Road 25B P .O. Box 434 -Philipsburg, Cole Bay, St. Maarten, **Dutch Caribbean** Tel: +1 721-544-3134 www.budgetmarine.com

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Bobby's Marina, Philipsburg, St. Maarten, Dutch Caribbean Tel: +1 721-543-7119 www.islandwaterworld.com

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Western Main Road Chaguaramas, Trinidad and Tobago Tel: +1 868-634-2006 www.budgetmarine.com

EUROPE

AUSTRIA

Lankhorst-Hohorst GmbH

Bonifatiusstr. 411 D48432 Rheine Tel: +49 5971 / 97 07-0 Fmail: info@lankhorst-hohorst.de www.lankhorst-hohorst.de

BELGIUM

Lankhorst Taselaar B.V.

Komeet 13, 8448 CG Heerenveen Tel: +31 (0) 320 27 4611 Email: sales@lankhorst-taselaar.nl www.lankhorst-taselaar.nl

CROATIA

Unimar

Preluk 6a - 51000 Rijeka Tel: +385 (0)51 623 263 Email: unimar@unimar.hr www.unimar.hr

DENMARK

Palby Marine A/S

Korsvej 3 6000 Kolding Danmark Tel: +45 75 88 13 11

E-mail: palby@palby.dk

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Veneentekijantie 1, P0 Box 46 00211 Helsinki 21 Tel: +358 (0)207 651 80 Email: maritim@maritim.fi www.maritim.fi

FRANCE

Tecmar

43 Rue Robert Geffré. 17000 La Rochelle Tel: +33 546 50 50 46 Email: info@tecmar.fr www.tecmar.fr

GERMANY

Lankhorst-Hohorst GmbH

Bonifatiusstr. 411 D48432 Rheine Tel: +49 5971 / 97 07-0 Email: info@lankhorst-hohorst.de www.lankhorst-hohorst.de/

GIBRALTAR

M Sheppard & Co Ltd.

Shepphards Chandlery, Waterport Tel: +350 20075148 Email: admin@sheppard.gi www.sheppard.gi

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International Marine Centre

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Norway Marine Supply AS

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POLAND

Aura s.j.

Przestrzenna 13 70-800 Szcezecin Tel: +48 915791900 Email: aura@aura.szczecin.pl www.aura.szczecin.pl

SPAIN

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SWITZERLAND Bucher & Walt SA

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UNITED KINGDOM

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ABBREVIATIONS

Α **Amps**

ABYC American Boat And

Yacht Council (USA)

approx. **Approximately**

AWG American Wire Gauge **BMF British Marine Federation**

BSP British Standard Pipe Thread

ft Feet Grams g

gal/min Gallons per Minute ID Inner Diameter kg Kilograms lbs **Pounds** Itrs Litres

Litres per Minute ltr/min

m Metres mins Minutes Millilitres ml Millimetres mm

National Marine Manufacturers' **NMMA**

Association (USA)

National Pipe Thread (USA) NPT Outer Diameter

0Z **Ounces**

0D

Pounds per Square Inch psi

US gals **US Gallons** UV Ultra Violet

Voltage (Direct Current) V d.c.

Inches

ABBREVIATIONS - MATERIALS

ABS Acrylonitrate-Butadiene Styrene ASA Acrylonitrile Styrene Acrylate PTFE Polyester Polytetra Fluoro

Ethylene Filled Polyester

EPDM Ethylene Propylene Diene Monomer

HDPE High Density Polyethylene **MDPE** Medium Density Polyethylene

PA Polyamide

PBT Polybutylene Terephthalate

PC Polyoxymethylene PP Polypropylene POM Polyoxymethylene PVC Polyvinyl Chloride

Unplasticised Polyvinyl Chloride uPVC

