







MARINE PRODUCTS COLLECTION











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.



ELECTRIC BILGE

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ELECTRIC BILGE

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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.



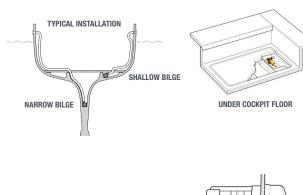
THE ORIGINAL, AWARD-WINNING, LOW PROFILE, NARROW, AUTOMATIC ELECTRIC BILGE PUMP PROVEN OVER 20 YEARS

- 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

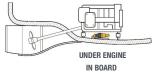
	Supersub Smart		
Model	Supersub Smart 650 (with non return valve)	Supersub Smart 1100 (with non return valve)	Supersub Smart 1100 (with non return valve)
PART NUMBER	SS5212	SS5212 SS1212	
Weight	0.3kg (0.7lbs)	0.5kg (1.0lbs)	0.5kg (1.0lbs)
Voltage	12V d.c.	12V d.c.	24V d.c.
Fuse size	5 amps	5 amps 5 amps	
Cable size	1.5mm² (16AWG)		
Hose connection	19mm (¾") / 25mm (1") stepped port	25mm (1") / 28mm (11/8") stepped port	25mm (1") / 28mm (11⁄8") stepped port
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 Itrs/min	(1050 US GPH)
Open flow rate at 1m (3ft) head	34 Itrs/min (550 US GPH)	47 Itrs/min (750 US GPH)	

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



STERNDRIVE



WARRANTY 3 YEARS CE Certified

ISO 8849

ISO 15083 ISO 8846

ISO 10133

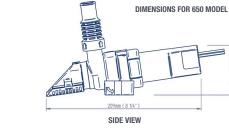
ABYC H-22

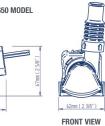
QUALITEC TECHNOLOGY AWARD

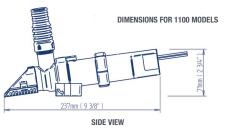
Intelligent Control[™]

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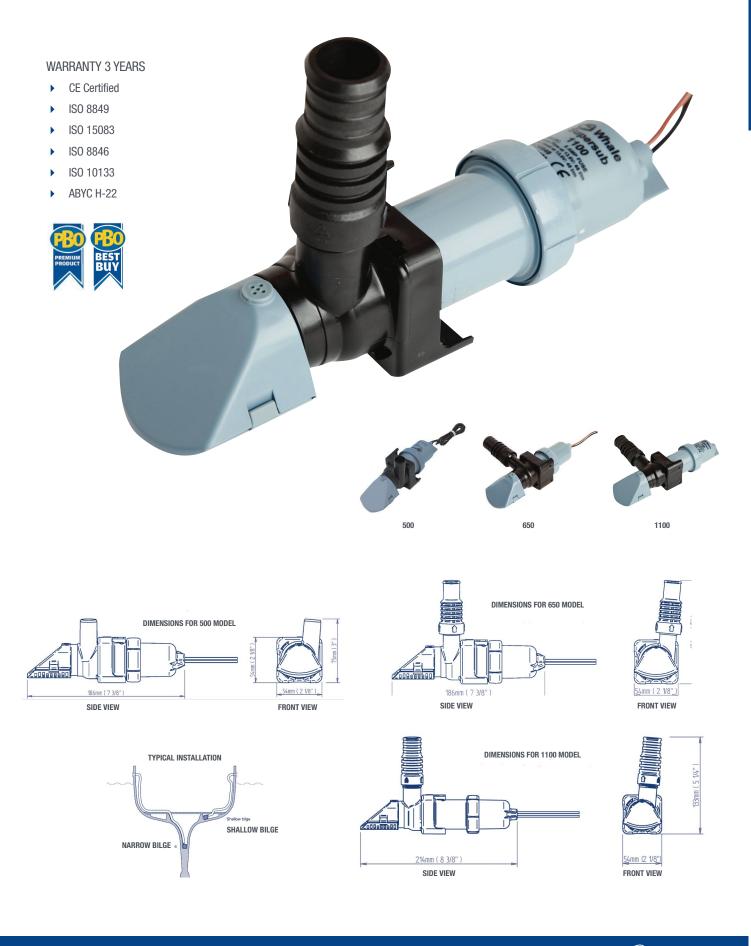
DESIGNED TO FIT IN NARROW BILGE SPACES WHERE OTHERS DO NOT REACH

- > 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	ipersub 500 Supersub 650 (with non return valve)		Supersub 1100 (with non return valve)
PART NUMBER	SS5012	SS5022	SS1012	SS1024
Weight	0.27kg (0.6lbs) 0.4k		0.4kg (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") 19mm (¾") / 25mm (1") 25mm (1") / 28mm (1½") stepped port stepped port			
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 ltrs/min (650 US GPH)	66 Itrs/min (1050 US GPH)		
Open flow rate at 1m (3ft) head	25 Itrs/min (400 US GPH)	34 Itrs/min (550 US GPH)	47 ltrs/min (750 US GPH)		

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



ORCA AUTO 1300

COMPACT, POWERFUL AND AUTOMATIC

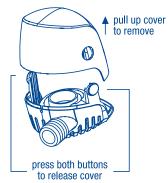
- > Simple to install, built-in automatic sensor. No separate bilge switch required
- Low current draw means longer battery life
- > Efficient large filter ensures maximum surface area exposed to bilge water
- Neat fit in compact bilge areas
- Easy maintenance simply unclip cover to maintain

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 (11/2") 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 Itrs/min (1300 US GPH)
Flow rate at 1m (3ft) head	65 Itrs/min (1100 US GPH)

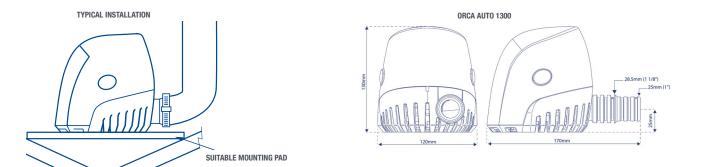
For further guidance on the selection of the correct pump, please see page 119

- 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)			(1.8lbs)	1.32kg	(2.9lbs)	2.64kg (5.8lbs)
Voltage	12V d.c. 2			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 (1¼")				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					

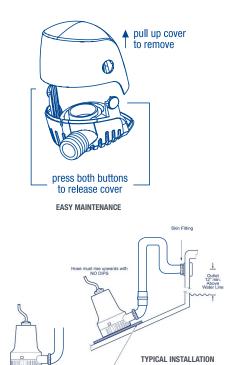
	Performance				
PART NUMBER	BE0500	BE0950	BE1450 / BE1454	BE2002 / BE2004	BE3004
Max discharge head	3m (9.8ft)	3.5m (11.5ft)	4.5m (14.8ft)	4m (13ft)	4.6m (15ft)
Open flow rate	32 Itrs/min (500 US GPH)	59 Itrs/min (950 US GPH)	82 Itrs/min (1300 US GPH)	126 ltrs/min (2000 US GPH)	189 Itrs/min (3000 US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

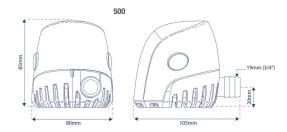


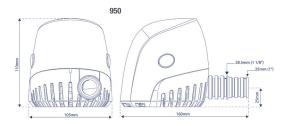
For further guidance on the selection of the correct pump, please see page 119

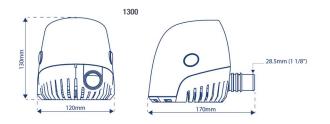
- CE Certified •
- ISO 8849
- ISO 15083)
- ISO 8846
- ISO 10133 •
- ABYC H-22 Þ

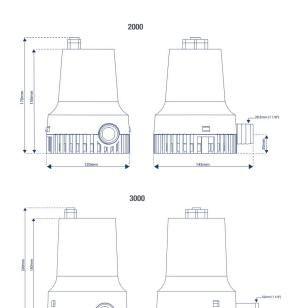












25mm



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

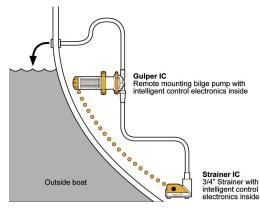
Model	Bilge IC				
PART NUMBER	SI8284	SI8484			
Weight	2.6kg	(6.5lbs)			
Voltage	12V d.c.	24V d.c.			
Fuse size	10 amps	5 amps			
Cable size	1.5mm² (16AWG)				
Cable length	4m (13ft)				
Hose connection	Barbed Connections Gulper IC 19mm (¾") or 25mm (1"), Strainer IC 19mm (¾")				
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®				
Materials in contact with fluid	Glass-filled Nylon, Nitrile, Santoprene®				
Service kits	AK2050 - Replac	ement 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 Itrs/min (270 US GPH)	15.5 Itrs/min (246 US GPH)	

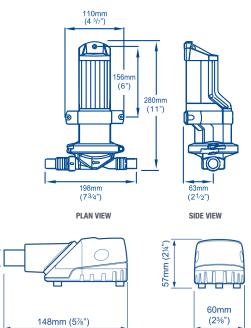
For further guidance on the selection of the correct pump, please see page 119

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





TYPICAL INSTALLATION



BILGE IC / ELECTRIC BILGE

148mm (5%")

SIDE VIEW

19mm (¾") →

FRONT VIEW

EASY ACCESS REMOTE BILGE PUMP FOR PROTECTION AND EASY INSPECTION

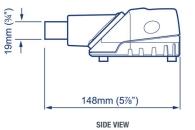
- Remote mount pump for easy access
- Low current draw means longer battery life
- Multi directional head for easy installation
- Easy maintenance non-choke valve, no filter to block or clean
- Self-primes and can run dry without damage

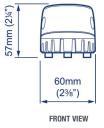
Model	Gulper 320				
PART NUMBER	BP2052	BP2054			
	Includes 19mr	n (¾") strainer			
Weight	1.6kg	(3.5lbs)			
Voltage	12V d.c.	24V d.c.			
Fuse size	10 amps	5 amps			
Cable size	1.5mm² (16AWG)				
Hose connection	19mm (¾") or 25mm (1")				
Materials	Pump Head: Glass-Filled Nylon, Valves: Nitrile, Diaphragm: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

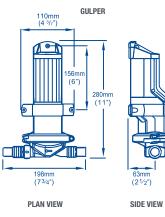
	Performance				
PART NUMBER		BP2052	/ BP2054		
Max suction lift		3m ((10ft)		
Max discharge head		3m ((10ft)		
Discharge head and suction lift combined	4m (13ft)				
Hose size	19mm (¾")	25mm (1")	19mm (¾'')	25mm (1")	
Suction lift	0m (0ft) 0m (0ft) 1m (3ft) 1m (3ft)				
Discharge head	1m (3ft) 1m (3ft) 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)	

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









GULPER 320 / ELECTRIC BILGE





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

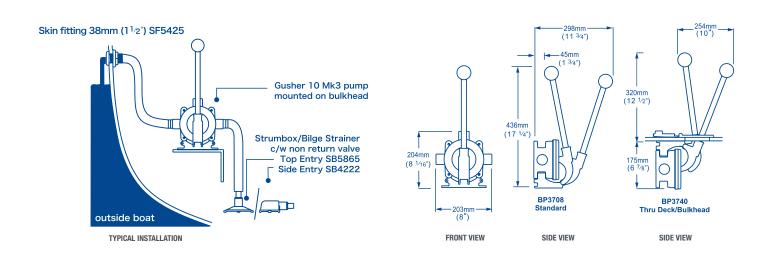
Model	Gusher 10			
	On Deck / Bulkhead	Thru Deck / Bulkhead		
PART NUMBER	BP3708	BP3740		
Weight	2.3kg (5.0lbs)			
Hose connection	38mm (1½")			
Materials	Pump Body: Marine Grade LM6 Aluminium Alloy (epoxy coated), Diaphragm: Neoprene (Nitrile option available), Fasteners: Stainless Steel			
Materials 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 (1	3ft)		
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 Itrs/min (11 US Gals)	41 Itrs/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

 Suitable as a primary bilge pump on boats equal to or greater than 24m (80ft) in accordance with ISO 15083





GUSHER 10 / MANUAL BILGE



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	Thru Deck only			
PART NUMBER	BP3000	BP3010	BP3020		
Weight	5.05kg (11.1lbs) 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	0m (0ft)	0m (0ft) 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 Itrs/min (31 US Gals)	111 Itrs/min (29 US Gals)	111 ltrs/min (29 US Gals)		

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

- 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	DP8904 - Deckplate Kit (for BP9013 and BP9021 only), AS9060 - Std Operating Lever Kit, AS8680 - Spare Handle (for BP9013 and BP9021 only)		

	Performance				
PART NUMBER		BP9005 / BP9	0013 / BP9021		
Maximum suction lift		4m	(13ft)		
Maximum discharge head		3m ((10ft)		
Hose size	25mm (1") 38mm (1½")		25mm (1")	38mm (1½")	
Suction lift	1 m (3ft)	1 m (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 Itrs/min (9.5 US Gals)	
70 Strokes per minute	43 ltrs/min (11.4 US Gals)	43 ltrs/min (11.4 US Gals) 55 ltrs/min (14.5 US Gals) 40 ltrs/min (10.6 US Gals) 53 ltrs/min (14 US Gal			

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



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 BP4410 only), AS4405 - Spare Handle		

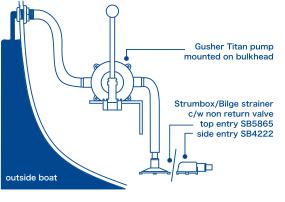
	Performance		
PART NUMBER	BP4402 / BP4410		
Maximum suction lift	4m (1	3ft)	
Maximum discharge head	4m (13ft)		
Suction lift	1 m (3ft) 2m (6ft)		
Discharge head	0.5m (1.5ft) 0.5m (1.5ft)		
45 Strokes per minute	67 ltrs/min (18 US Gals) 65 ltrs/min (16 US Gals)		
70 Strokes per minute	105 ltrs/min (28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

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

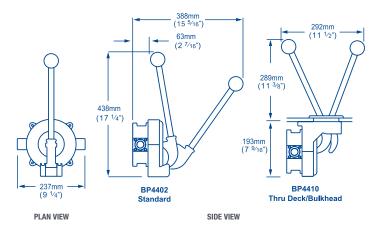
Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO 15083



Skin fitting 38mm (11/2")SF5425











29

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

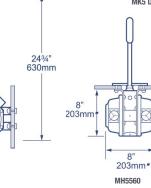
Model	MK5 Universal	MK5 Double Acting		
	Thru Deck / On Bulkhead / On Deck	On Bulkhead	Thru Deck	On Deck
PART NUMBER	BP0510	MH5550 MH5560 MH557		
Weight	1.3kg (3.0lbs)		2.8kg (6.0lbs)	
Hose connection	38mm	(1½")		
Materials	Pump Body: Glass-Filled Polypropylene, Acetal, Diaphragm, Valves and Seals: Nitrile, 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, AS0521AK8060 - Service Kit for MK5 D Acting - contains: Diaphragms, Valves and Circlips, AS0521 - Rocker Arm Assembly, AS0522 - Front Cover / Body Assembly, AS0531 - Under Deck Rocker Arm AssemblyAK8060 - Service Kit for MK5 D Acting - contains: Diaphragms, Valves and Circlips, AS8551 - Rocker Arm Assembly, 			ips, ıbly,
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 ltrs/min (17 US Gals)	104 ltrs/min (27 US Gals)		

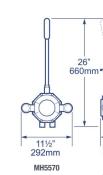
For further guidance on the selection of the correct pump, please see page 120

- 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,





MH5550

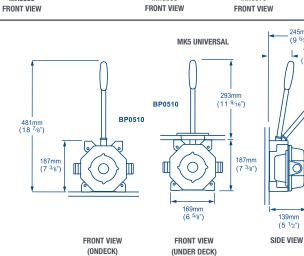




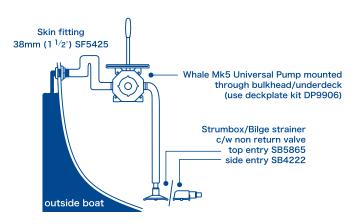
245mm (9 ⁵⁄8")

[_ 70mm (2 ³∕4")

BP0510



8"



TYPICAL INSTALLATION

SWhale MK5 UNIVERSAL RANGE / MANUAL BILGE

DESIGNED FOR CONFINED SPACES WHERE SPACE IS LIMITED

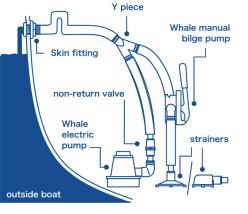
- Top performance 35 Itrs/min (9.2 US Gals)
- Easy maintenance easy to remove clamp ring for maintenance/head rotation
- Tough, proven, reliable, slimline design
- Suitable for pumping bilge saltwater or diesel
- Includes sleek Whale deckplate with cover

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

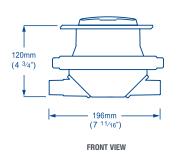
	Performance	
PART NUMBER	BP0350	
Maximum suction lift	3m (10ft)	
Maximum discharge head	4m (13ft)	
Suction lift	1m (3ft)	
Discharge head	0.5m (1.5ft)	
45 Strokes per minute	32 ltrs/min (9 US Gals)	
70 Strokes per minute	35 Itrs/min (9.2 US Gals)	

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

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

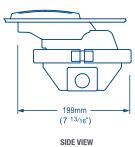


TYPICAL INSTALLATION



0

9



COMPAC 50 / MANUAL BILGE



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

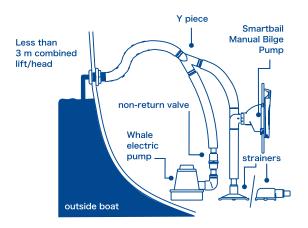
Model	Smartbail
	Thru Bulkhead
PART NUMBER	BP5012
Weight	0.6kg (1.31lbs)
Hose connection	2 options included: 25mm ports (1") qty 2, 38mm ports (1½") qty 2
Materials	Pump Body: Glass-Filled Polypropylene, Inlet and Outlet Valves: Nitrile, Diaphragm: Santoprene®, Fastners: Stainless Steel
Materials in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

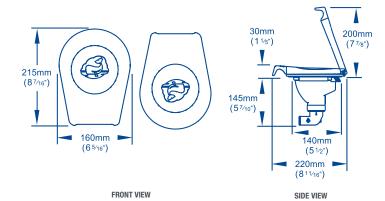
For further guidance on the selection of the correct pump, please see page 120

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





TYPICAL INSTALLATION





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

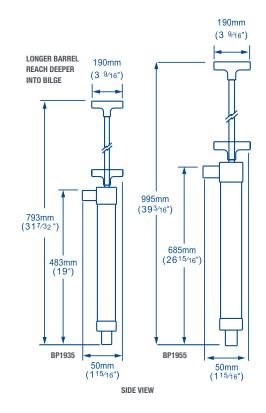
Model	Easybailer		
	Short barrel version	Long barrel version	
PART NUMBER	BP1935	BP1955	
Weight	0.32kg (0.7lbs)	0.4kg (0.9lbs)	
Hose connection	25mm (1")		
Materials	Pump Body: ABS, HDPE, Polypropylene, PVC, uPVC, Diaphragm: Neoprene, Fasteners: Stainless Steel		
Materials in contact with fluid	ABS, 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 Itrs/min (5 US Gals)	19 Itrs/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

▶ 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

12V d.c. or 24V d.c.

Suitable up to 20 amps

0.008 amp

Electric Field Sensor Switch with 30 second time delay

BE9006

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 (1/2")
- BE9006 model built in 30 second off delay for efficient operation, prevents cycle in small sump installations or enables lower drain than 13mm (1/2")

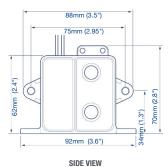
Electric Field Sensor Switch

BE9003

SUITABLE FOR ORCA, SUPERSUB, STANDARD SUBMERSIBLE RANGES AND GULPER

WARRANTY 1 YEAR





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

Model

Voltage

Current

PART NUMBER

Standby current

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

MARNING: Cancer and Reproductive Harm

WARRANTY 1 YEAR



Y PIECE

YP6114

- > 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 3/4" and 11/8" 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

WARNING: Cancer and Reproductive Harm

Model	Non Return Valves					
PRODUCT NUMBER	LV1215	LV1218	LV1219			
Pipe diameter	25mm (1") / 38mm (1½")	25mm (1") / 28mm (11⁄8")	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 (5⁄8")	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.













DIVERTER VALVES

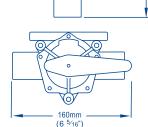
WARRANTY 5 YEARS

- 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 (11/2") 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				

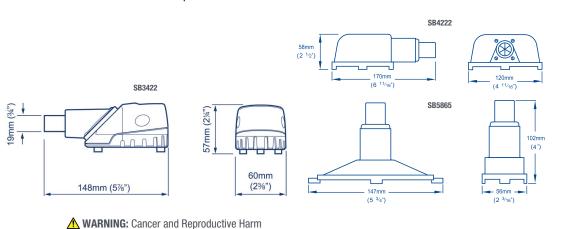


156mm (6¹/8")

BILGE STRAINERS / STRUM BOXES

- 3/4" (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") / 3	38mm (1½")		
Materials	Polypropylene, Nitrile, Stainless Steel				







SB5865

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)			







DP9905



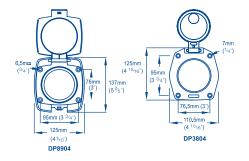




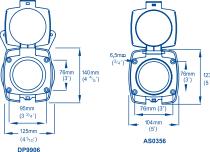
AS0356

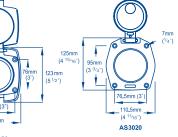


AS3020















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.





43

WATERMASTER® AUTOMATIC PRESSURE PUMP

Delivers smooth consistent flow and runs dry without damage

- Easy installation suitable for 15mm Quick Connect plumbing or 1/2" 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	5 amps				
Cable size	2.5mm² (14AWG)						
Hose connection	Whale Quick Connect 15mm Female Connections 2 x 1/2" threaded connections and 2 x 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	Al	K1316 - Replacement Head, AK1319	- Replacement Strainer (for freshwa	ter)			

	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	3 ltrs (2 US Gals) 11.5 ltrs (3 US Gals		(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

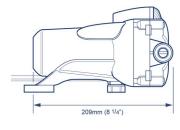


1 X STRAINER

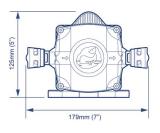
2 X 1/2" THREADED CONNECTORS

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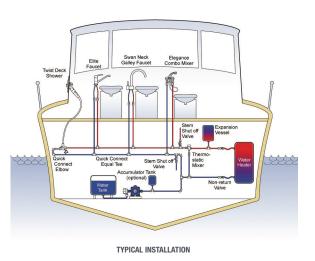
2 X 1/2" BARBED CONNECTORS



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.	12\	/ d.c.
Recommended fuse size	5 amps 3 amps			mps	5 a	mps	
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 (5%) 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								
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 @24V d. c.		Flow rate per minute/ current draw @12V d.c.			
0m (0ft)	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 US Gals) 3.8 amps			
1m (3ft)	8 ltrs (2 US Gals) 2.2 amps	11.75 Itrs (3 US Gals) 3.3 amps					(3 US Gals) amps	14.8ltrs (4 3.7 ai	
3m (10ft)	5.75 ltrs (1.5 US Gals) 2 amps		75 ltrs (2.7 US Gals) 2.9 amps 9.75 ltrs (2.7 US Gals) 1.45 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





A A		
Ī	Whale SUBMERSIBLE	D
B	€€ ← c →	

	А	В	C	D
Standard	20mm (¹³ / ₁₆ ")	88mm (3 ¾6'')	36mm (1 ⅔6")	108mm (4 ¼")
Premium/High Flow	20mm (¹³ / ₁₆ ")	109mm (4 5⁄16")	36mm (1 ⅔6")	129mm (5 ¼6")



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 %" 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 ltrs (0.5	3 US Gals)		8 ltrs (4.7	5 US Gals)
Weight		3.9kg	(8.5lbs)		5.4kg (11.9lbs)	5.9Kg (13lbs)
Voltage	121	d.c.	24	d.c.	12V d.c.	24V d.c.
Fuse size	10 amps		5 a	mps	8 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

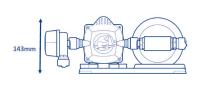
			Perfor	mance		
PART NUMBER	UF2214	UF2215	UF2224	UF2225	UF2015	UF8025
Maximum suction lift			3m (10ft)		
Maximum discharge head	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)
Cut out pressure	2 bar (30 psi)	3 bar (45 psi)	2 bar (30 psi)	3 bar (45 psi)	3 bar (45 psi)	3 bar (45 psi)
Factory 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 Itrs (5 US Gals)

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

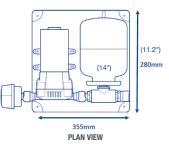
WARRANTY 2 YEARS

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

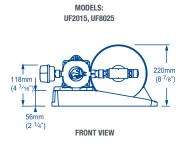


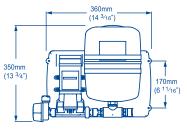


FRONT VIEW









PLAN VIEW



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 ltrs (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		- Low Pressure Switch, AK1315 - Hi 24V Pump, AK3615 - 18L 12V Pump, A		

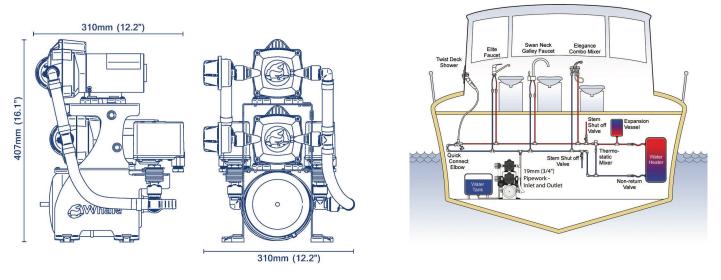
Model	Performance			
PART NUMBER	UF2415B	UF2425B	UF3615B	UF3625B
Maximum suction lift	20m (66ft)	30m (99ft)	20m (66ft)	30m (99ft)
Maximum discharge head		3m (10ft)		
Cut out pressure	Pump 1: 3 bar (45 psi) Pump 2: 2 bar (30 psi))			
Cut in pressure	Pump 1: 2 bar (30 psi) Pump 2: 1.4 bar (20 psi)			
Factory 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	Up to 6 Up to 8		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 Alloy Seals: Neoprene, Nitrile, Fasteners: Stainless Steel	
Service kits	AK0618 - Service Kit for V Pump, MK5, MK6 and MK7 Models Contains: Diaphragm, Seals, Fastener	

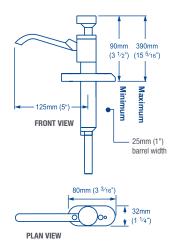
	Performance	
PART NUMBER	GP0650	
Maximum suction lift	3m (10ft)	
Maximum discharge head	4m (13ft)	
Maximum flow rate per minute	8 ltrs (2.2 US Gals)	

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

WARRANTY 5 YEARS

CE Certified







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 (1/2") 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	

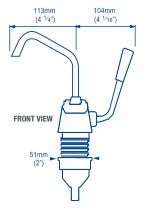
	Performance	
PART NUMBER	GP0418	
Maximum suction lift	3m (10ft)	
Maximum discharge head	3m (10ft)	
Maximum flow rate per minute	7 ltrs (1.9 US Gals)	

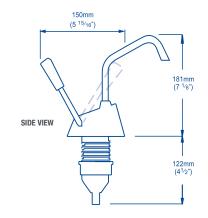
For further guidance on the selection of the correct pump, please see page 121

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 ($\frac{1}{2}$ ") 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		

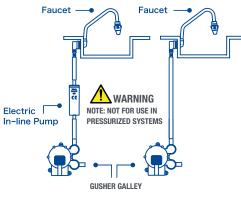
	Performance
PART NUMBER	GP0550 / GP0551
Maximum suction lift	2m (6ft)
Maximum discharge head	3m (10ft)
Maximum flow rate per minute	15 ltrs (4 US Gals)

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

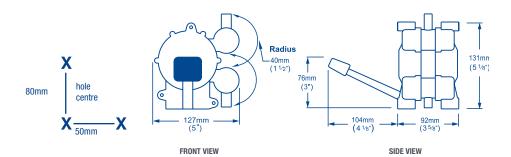
WARRANTY 5 YEARS

CE Certified





TYPICAL INSTALLATION







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 (1/2") 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

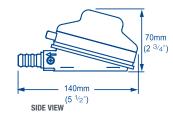
WARRANTY 5 YEARS

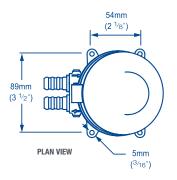
• CE Certified















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.

WATER HEATERS **Whale**



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

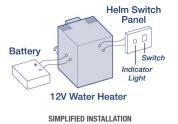
- No generator / inverter / shore power required
- Rapid heat up hot water in less than 1 hour*
- Ideal for use with deck showers perfect for warming wetsuits
- Safety features low current switching, integrated temperature and pressure valve, thermal cut-out, heating indication output and ignition protect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

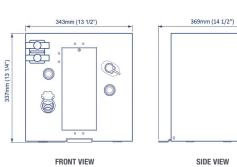
Model	12V Electric Water Heater	
PART NUMBER	\$360EW	
Capacity	12 Itrs (3 US Gals)	
Weight	11lbs (5kg)	
Voltage	12V d.c. (300W)	
Fuse size	35 amps	
Current draw	30 amps	
Connections	1/2" NPT Female For connection to 15mm Quick Connect use WX1514	
Materials	Tank - Aluminium, Casing - White Powder Coated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

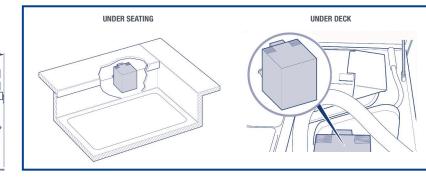
*Based on Whale in-house laboratory testing

	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)*	









SIDE VIEW

TYPICAL INSTALLATION





63

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



MARINE GALVANISED STEEL HORIZONTAL REAR HEAT EXCHANGER MODEL



WHITE EPOXY COATED HORIZONTAL ELECTRIC ONLY 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 Itrs (6 US Gals)	Horizontal	Front	100 psi	13"x19"x13"	Marine Galvanised Steel	26
F600W	F650W	23 Itrs (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 ltrs (11 US Gals)	Horizontal	Front	100 psi	16"x22"x16"	Stainless Steel	32
S1100	S1150	42 ltrs (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- 3000	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	4300	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 Itrs (20 US Gals)	Horizontal	Front	100 psi	16"x32"x16"	Marine Galvanised Steel	48
HF2200	HF2250	76 Itrs (20 US Gals)	Horizontal	Front	75 psi	16"x32"x16"	Stainless Steel	47
S1800	S1850	76 Itrs (20 US Gals)	Vertical	Front	100 psi	20.25"x20"x27"	Marine Galvanised Steel	46
S1800W	S1850W	76 Itrs (20 US Gals)	Vertical	Front	100 psi	20.25"x20"x27"	White Epoxy	46
	S1850EW	76 Itrs (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-	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	Stainless Steel	59
	3000 H2850ES-	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	Stainless Steel	59
	4500 H2850ES-	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	White Epoxy	59
	3000 H2850ES- 4500	106 ltrs (28 US Gals)	Horizontal	Electric	100 psi	16"x40"x16"	White Epoxy	59





25 10

%



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

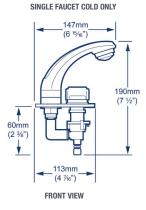
- Robust ABS construction
- Designed for use with all types of galley pumps
- Easily connects to Whale Quick Connect pipework
- Choice of single or mixer faucets



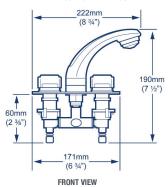


RT1210 Elegance - Cold Only

Model **Elegance Faucet** PART NUMBER RT1210 RT2210 Model Single Faucet Cold only Mixer Faucet Standard Outlet **Hose connection** Standard Connection 13mm (1/2") Threaded, Connection to Quick Connect 15mm: WX1532, Connection to Flexible Hose 13mm (1/2"): WX1532 or WX1584B Materials Body: ABS, Spout and Valves: Acetal, Seals: Neoprene Materials in contact Body: ABS, Spout and Valves: Acetal, Seals: Neoprene with fluid AK5030 - Complete Serviceable Parts Kit, RT9000 - Microswitch Kit (2 switches) Service kits RT9000 - Microswitch Accessories **Base plate** 113mm x 55mm (47/16" x 21/8") 171mm x 62mm (6¾" x 2½") Depth beneath surface 60mm (23/8") 60mm (23/8")



MIXER FAUCET STANDARD OUTLET



INTERIOR SHOWERS - ELEGANCE

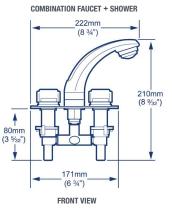
LIGHTWEIGHT AND DURABLE ABS SHOWERS

- > 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 Mixer Combination Faucet/Shower Model Standard Connection 13mm (1/2") Threaded, Connection to Quick Connect 15mm: **Hose connection** WX1532, Connection to Flexible Hose 13mm (1/2"): WX1532 or WX1584B Materials Body: ABS, Spout and Valves: Acetal, Seals: Neoprene Materials in contact Body: ABS, Spout and Valves: Acetal, Seals: Neoprene with fluid Service kits AS5133 - Replacement Handset 1/2" BSP Threaded (white) AS5146 - Replacement Hose Assembly 1.7m (5 3/8"ft) Long (white) Accessories RT9000 - Microswitch **Base plate** 171mm x 62mm (6¾" x 2½") Depth beneath surface 80mm (31/8")



WARRANTY 1 YEAR



WHALE TWIST® DECK SHOWER

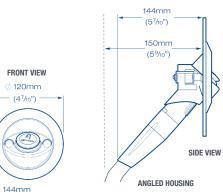
AN AWARD WINNING RADICAL INNOVATION IN DECK SHOWERS. THE TWIST PUTS CONTROL IN YOUR HANDS WITH ITS UNIQUE HANDSET INCORPORATING TEMPERATURE AND FLOW CONTROL IN A SINGLE EASY TO USE UNIT

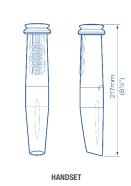
- Robust ABS construction, easy to use streamlined ergonomic design using high quality UV resistant ASA materials
- No lids or covers Deck Protect end cap creates a splash proof seal
- Two housing options horizontal discrete bezel style or vertical mounting that adapts to flat or curved surfaces
- Whale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

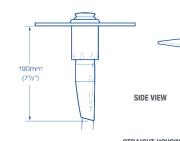
Model	Whale Twist		
PART NUMBER	DS0005	DS0006	
Model	Cold only Flexible Hose	Mixer Hot and Cold Patented D Hose	
Weight	0.13kg (0.3lbs) 0.2kg (0.45lbs)		
Hose connection	3%" BSP Female / (½") Threaded Connection 15mm Quick Connect Male		
Materials	Handset: ASA, Internal Parts: TPE, Nitrile, POM, Hose: 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









57mm

(21/4")

23

0



44.5mm +-(1³/4')+

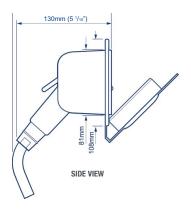


IDEAL FOR INSTALLATION WHERE SPACE IS LIMITED ON DECK AND BEHIND THE BULKHEAD

- 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 3/8" 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	3/8" Adaptor x Female Adaptor 13mm (1/2") 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 $\%$ 16" ft) Long (white)	
Diameter of mounting hole	80mm (31⁄8")	
Depth beneath surface	130mm (5 ¹ /10")	





RT3000 WHALE SWIM 'N' RINSE COMPACT SHOWER RUBBER COVER (COLD ONLY)

MARNING: Cancer and Reproductive Harm

WARRANTY 1 YEAR

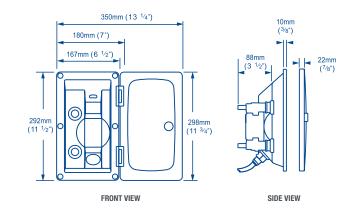
LIGHTWEIGHT AND DURABLE ABS EXTERIOR SHOWER RANGE

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 / 1/2" 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	1/2" Male Threaded (BSP / NPT)		
Hose length	2.1m (7ft)		
Base plate	167mm x 292mm (6½" x 11½")		
Depth beneath surface	88mm (3½")		





FRESHWATER ACCESSORIES

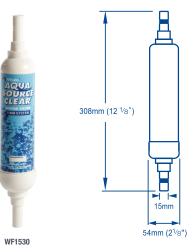
Fit Whale high quality pumps and accessories to ensure long term reliability from pump to faucet. Whale water filters, surge dampers, pressure switches and one-way valves are designed and manufactured to the highest quality specification. Combine these accessories with your Whale water pump for a home 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 / 1/2" (13mm) flexible hose (using stainless steel hose clips)

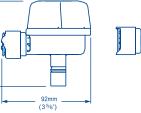


PUMP STRAINER

INLET STRAINER REPLACEMENT - AK1319

For use with Watermaster and Universal Pressure Pumps





AK1319

SIDE VIEW

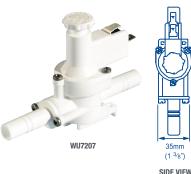
35mm (1 3/8") PLAN

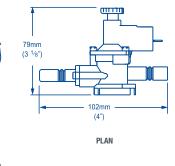
INLINE PRESSURE SWITCH - WU7207

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





WARNING: Cancer and Reproductive Harm

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 / 1/2" 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)



FV1227



PIPEWORK CONNECTIONS

ONE WAY CHECK VALVE - FV1227 FOR 13MM (1/2") 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

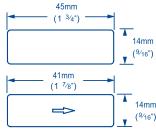
TWIST STOWAGE BAG - AK0015

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

AK0015









WARNING: Cancer and Reproductive Harm -

SWhale





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.





TARGETED HIGH PRESSURE WASH DOWN RANGE FOR EFFECTIVE CLEANING

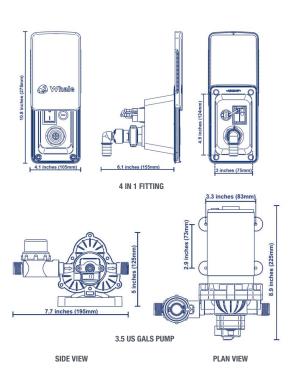
- Smooth constant flow
 - 13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)
 - 17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)
- Soft, non-slip trigger with deck protect nozzle, adjustable jet with push in fittings and dry coupling valve on / off, for a fine spray or a jet of water
- Easy stow 7.6m (25ft) compact 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

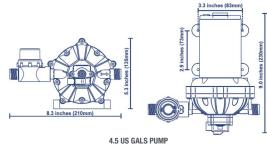
Product Type	Pump Spec	Description	Voltage	Part No.	
Pump Only	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	• Strainer	12V	WD3517P	
	17 ltrs/min (4.5 US Gals), 4.8 bar (70 _{psi})	• 2 x ½" barbed connections included	12V 24V	WD4517P WD4527P	
Pump and	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	Pump Strainer Adjustable trigger with ergonomic	12V	WD3517T	
Trigger	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	handle & deck protect nozzle	12V 24V	WD4517T WD4527T	10 -0-0
Standard Kit - with Pump,	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	 Strainer Adjustable trigger with ergonomic 	12V	WD3517S	
Trigger and Hose	17 ltrs/min (4.5 US Gals), 4.8 bar (70 psi)	handle & deck protect nozzle	12V 24V	WD4517S WD4527S	
Elite Kit includes Pump,	13 ltrs/min (3.5 US Gals), 4.0 bar (60 psi)	Adjustable trigger with ergonomic handle & deck protect nozzle	12V	WD3517E	CONTRACTOR OF
Trigger, Hose and 4 in 1 Deck Fitting	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







SIDE VIEW

PLAN VIEW



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	
0m (0ft)	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

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		



LD2000



LD4000



LD4002

MARNING: Cancer and Reproductive Harm



81

PLUMBING

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



End Plug (Brass)

Stem Adaptor 12 mm - 15 mm

Stem Adaptor 11 mm - 15 mm

WX1508B

WX1509B

WX1511B





WX1512B Brass Back Plate





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







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 3/4" Garden Hose Thread (Green) Female

THREADED 3/8"



CS1538B Adaptor 3/8" Plastic BSP Female



WX1538 / WX1538(B) Adaptor 3/8" BSP Female



Stem Adaptor 3/8" Female (Brass)

WX1563(B) Stem Adaptor 3/8" NPT Male (Brass)

WX1583(B) Adaptor 3/8" BSP Male

THREADED 1/2"



WX1080B Adaptor 1/2" BSP Male - 10 mm Compression Fitting (Brass)



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

WX1513B

WX1514B



Adaptor 1/2" BSP Male - 15 mm WX1515(B)





Flexible Heater Connector 1/2" NPT Male 1/2" BSP Female Length - 350 mm (14")

WX1524(B) Stem Adaptor 1/2" NPT Male (Brass)



WX1531(B) Elbow Adaptor 1/2" BSP Female - 15 mm





WX1533B Adaptor 1/2" BSP Female (Brass) - 15 mm



WX1534(B) 15 mm Stem with None Return Valve Adaptor 1/2" NPT Male (Brass)

1/2" NPT Male - 1/2" BSP Male Shower



WX1536B Adaptor 1/2" BSP (Green) (Short Wings) Female

Bulkhead Adaptor (Brass)





WX1567B

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 1/2" Flexible Hose Male WX1585B Tee 1/2" barb X 1/2" barb X 1/2" barb WX1586B Tee 1/2" barb X 15 mm WX X 1/2" barb WX1591(B) Stem Elbow 1/2" Flexible Hose

FLEXIBLE HOSE FITTINGS 3/4"



WX1555B Tee 3/4" barb X 3/4" barb X 3/4" barb



Tee ¾" barb X 15 mm WX X 3/4" BARB



WX1557B Tee 3/4" barb X 1/2" barb X 3/4" barb









WX1593(B) Stem Adaptor 3/4" Flexible Hose



WX2259B Adaptor 22 Spigot X 3/4" barb

OTHER CONNECTIONS



WX1517B 9/16" X 24 UNEF Male Faucet Tail Adaptor (Brass) suitable for Gröhe Faucets





WX1537B





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 1/2" Female



WX1599(B)

Thermostatic Mixer Valve 1/2" Male (Brass) 15 mm and Check Valve / Non-Return Valve Note: This product is covered by 1 year warranty

FLEXIBLE HOSE FITTINGS OTHER



WX1548B 3/8" Hose Connector (Brass)



WX1597(B) Stem Adaptor 5/8" Flexible Hose

COLOUR CODED TUBING

WX7152

WX7154



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

WX7152B Standard Semi-Rigid Pipework 15 mm Blue 50 m (164 ft)



Standard Semi-Rigid Pipework 15 mm Red 10 m (33 ft) WX7154B

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



WX7156B Standard Semi-Rigid Pipework 15 mm Green 50 m (164 ft)

WX7162B

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



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

Whale

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

WARNING: Cancer and Reproductive Harm

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

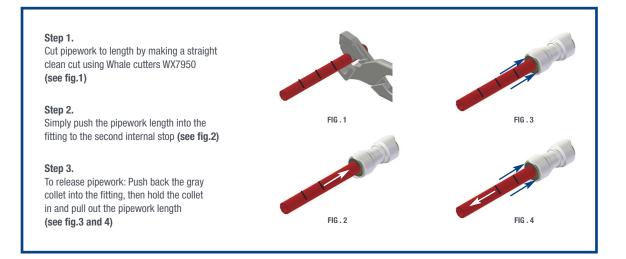
MINIMUM BEND RADII RECOMMENDATIONS

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.

Minimum Bend Radius		
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)









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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	Grouper	Gulper Grouper MK2		Gulper Grouper 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)	Om (Oft)	1m (3ft)	
Discharge head	1m (3ft)	1 m (3ft)	1m (3ft)	
Flow rate per minute	22 Itrs (5.8 US Gals)	18 Itrs (4.8 US Gals)	16 Its (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)		

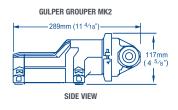
WARNING: Cancer and Reproductive Harm

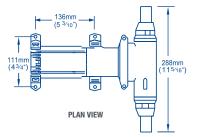
WARRANTY 2 YEARS

- CE Certified
- ISO 10133
- ISO 15083
- ISO 8846
- ABYC H-22
- ► IP45

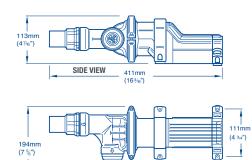
GULPER GROUPER MK 3 WITH 90⁰ HEAD - IDEAL REPLACEMENT FOR MACERATORS







GULPER GROUPER MK 3



PLAN VIEW

136mm (5'%")



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

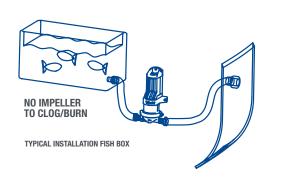
Model	Gulper 320		
PART NUMBER	BP2052	BP2054	
Weight	1.6kg	(3.5lbs)	
Voltage	12V d.c.	24V d.c.	
Fuse size	10 amps	5 amps	
Cable size	1.5mm (16AWG)		
Hose connections	19mm (¾") or 25mm (1")		
Materials	Pump Head: Glass-filled Nylon, Valves: Nitrile, Diaphragm: Santoprene®		
Accessories	SB3422 (19mm /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

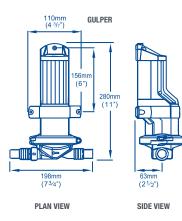
	Performance			
PART NUMBER		BP2052 /	/ BP2054	
Hose size	19mm (¾")	25mm (1")	19mm (¾")	25mm (1")
Suction lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)
Discharge head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)
Flow rate per minute	19 Itrs (5 US Gals)	17.5 ltrs (4.6 US Gals)	17.5 ltrs (4.6 US Gals)	15.5 ltrs (4.1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

GRAY WASTE SWhale



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 Itrs (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

MARNING: Cancer and Reproductive Harm

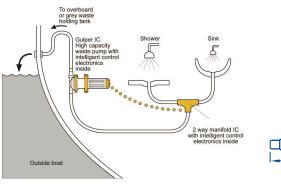
WARRANTY 3 YEARS

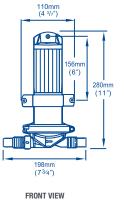
- **CE** Certified
- ISO 8849
- ISO 15083
- ISO 10133
- ISO 8846

ABYC H-22

- Intelligent Control[™] TC
- IP45

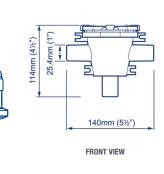


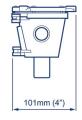




63mm (2¹/2")

SIDE VIEW





SIDE VIEW

TYPICAL INSTALLATION





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 (34") 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 - Replace	ement Pump Head			

		Perfor		Gulley IC		
PART NUMBER		SG8284 / 5	Cable length	4m (12ft)		
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	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

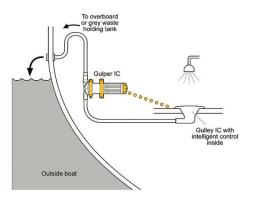
MARNING: Cancer and Reproductive Harm

WARRANTY 3 YEARS

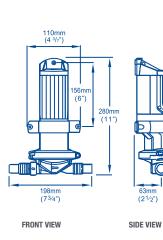
- CE Certified
- ISO 8849
- ▶ ISO 15083
- ISO 10133
- ISO 8846
- ABYC H-22
- ► IP45

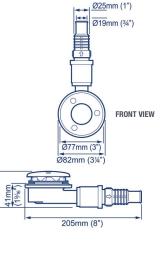






TYPICAL INSTALLATION





SIDE VIEW



62mm (2½"

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	Om (Oft)	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

MARNING: Cancer and Reproductive Harm -

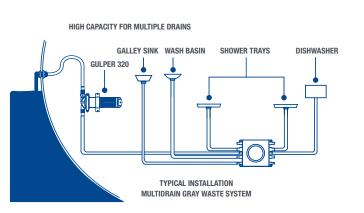
WARRANTY 3 YEARS

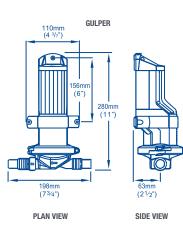
- CE Certified •
- ISO 8849 •
- ISO 15083
- ISO 10133 •
- ISO 8846
- ABYC H-22
- IP45



WARNING Gulper® 320 is not suitable for pumping diesel. For this application please contact Whale for information.

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







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 K	it 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)	1 m (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

MARNING: Cancer and Reproductive Harm

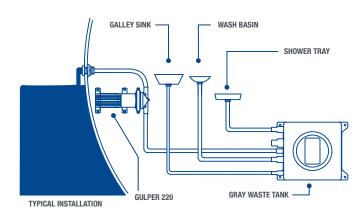
WARRANTY 2 YEARS

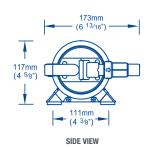
- CE Certified
- ISO 8849
- ISO 15083
- ISO 10133
- ▶ ISO 8846
- ▶ IP45

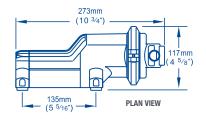


WARNING Gulper® 220 is not suitable for pumping diesel. For this application please contact Whale for information.

Now with barbed outlet (discharge) connections to allow a choice of connecting directly to either ¾" (19mm) or 1" (25mm)







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

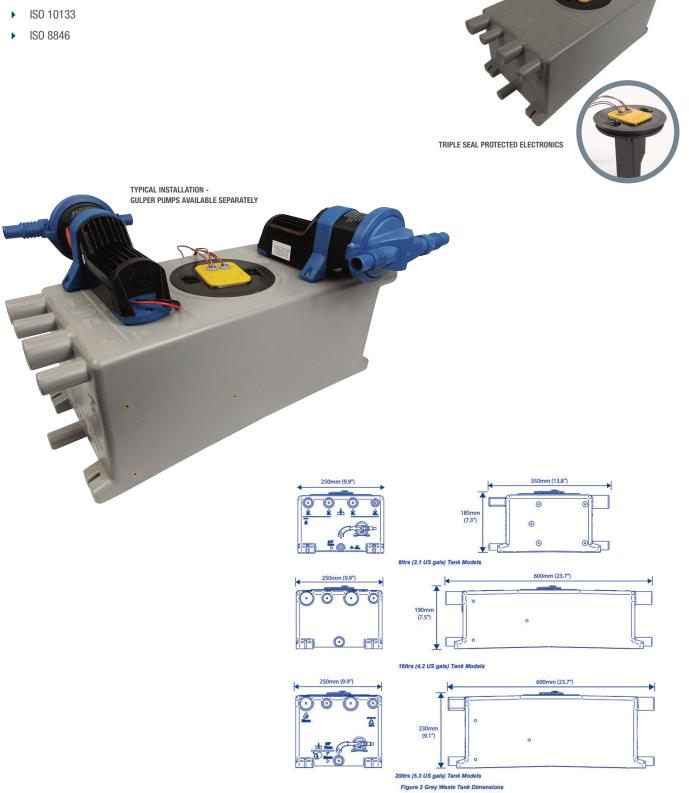
	8 LTRS / 2.1 US GAL MODEL				16 LTRS / 4.2 US GAL MODEL			20 LTRS / 5.3 US GAL MODEL			
Models					Gray	y Waste Ta	nks				
PART NUMBER	GT0810B	GT0812B	GT0820B	GT0831B	GT1610B	GT1620B	GT1631B	GT2010B	GT2012B	GT2020B	GT2031B
Voltage					12V / 24V d.c.						
Capacity		8 ltrs (2.1	US Gals)		16 ltrs (4.2 US Gals)			20 Itrs (5.3 US Gals)			
No. of sensors	1	2	2	1	1	2	1	1	2	2	1
Electrical connections		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	Tini wire		2 x Deutsch DT06- 3S- P012	1x Deutsch DT06- 3S- P012
Inlet hose connections	19mm (¾") x 2, 25mm (1") x 3, 38mm (1½") x 3			n (1½") x 3			25mm (1'	') x 4, 38mm	(1½") x 4		
Outlet hose connections	19mm (¾") x 1, 25mm (1") x 1			25mm (1") x 2							
Materials		Tar	nk: MDPE, Sea	als: EPDM/Nec	prene, Monp	rene®, Lid: Gla	ass-filled Poly	propylene, AB	S, Polyuretha	ne	



MARNING: Cancer and Reproductive Harm

WARRANTY 3 YEARS

CE Certified



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

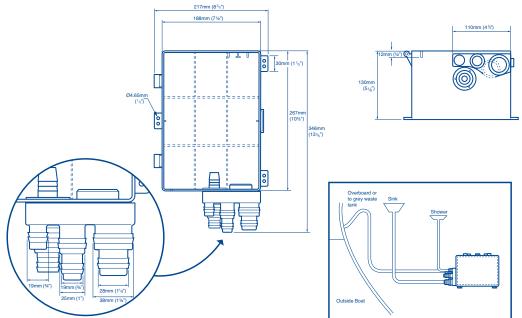
Model	Whale Shower Sump System				
PART NUMBER	GW0500 GW0950				
Weight	1.25kg (2.8lbs)	1.42kg (3.1lbs)			
Voltage	12V d.c.				
Fuse size	2 amps	5 amps			
Materials	Tank: ABS, Polycarbonate, Strainer: Stainless Steel Mesh, Orca - Pump body: Glass-filled Nylon ABS, Seals: Nitrile, Impeller: Acetal, Electric 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 Itrs/min (600 US GPH)			

WARRANTY 1 YEAR

CE Certified







105

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

- 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	3⁄4" Elbow

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

MARNING: Cancer and Reproductive Harm

SHOWER AND SINK WASTE SYSTEM

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

- 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.)

WARRANTY 1 YEAR





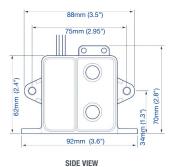
COMPLETE YOUR SYSTEM

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")

WARRANTY 1 YEAR



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		

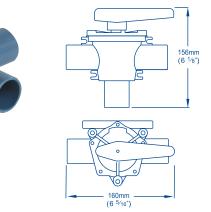
THE NEW

DIVERTER VALVES ALLOWS ONE PUMP TO DRAW FROM 2 LOCATIONS

DV5630 Diverter Valve 1" (25mm) connections DV5606 Diverter valve 11/2" (38mm) connections

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

WARRANTY 5 YEARS



MARNING: Cancer and Reproductive Harm

GRAY / SHOWER WASTE ACCESSORIES

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





• 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 3/4" and 11/8" 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 (11⁄8")	19mm (¾") / 25mm (1")	
Materials	Body: Glass-filled Polypropylene, Glass-filled Nylon, Valve: Nitrile			

6 LV1215

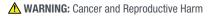


SKIN FITTINGS

Manufactured using strong high quality moulded non-corrosive acetal

Model	Skin Fitting			
PRODUCT NUMBER	SF5018	SF5131	SF5204	SF5424
Pipe diameter	16mm (5⁄8")	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.





(see table for part numbers of other hose connections)









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.

BLACK WASTE SWhale

111

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 To	ilet 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

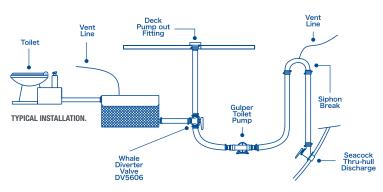
MARNING: Cancer and Reproductive Harm

WARRANTY 5 YEARS

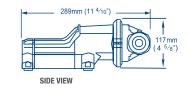
- ISO 15083
- ISO 10133
- ABYC H-22
- ► IP45

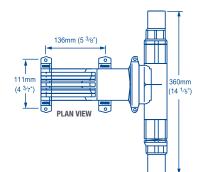


WARNING IT IS IMPORTANT TO ENSURE THAT A SYPHON BREAK IS FITTED, WHERE DISCHARGE IS BELOW THE WATER LINE.



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)						

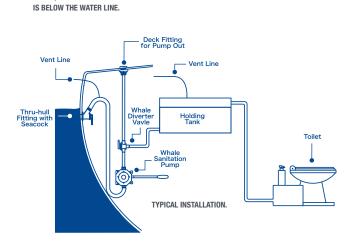
	Performance
PART NUMBER	BP0527 / BP0535
Maximum suction lift	4.5m (15ft)
Maximum discharge head	4.5m (15ft)
Suction lift	1 m (3ft)
Discharge head	0.5m (1.5 ft)
40 strokes per minute	42 ltrs (11 US Gals)
70 strokes per minute	66 ltrs (17.5 US Gals)

MARNING: Cancer and Reproductive Harm -

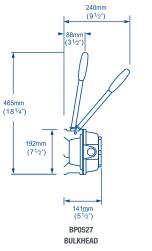
WARRANTY 5 YEARS

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

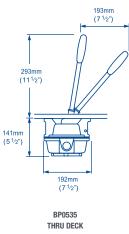
ISO 15083



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



A MARINE



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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

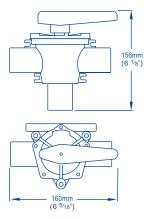
WARRANTY 5 YEARS

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





MARNING: Cancer and Reproductive Harm

Y PIECE

WARRANTY 1 YEAR

YP6114

EB3364

- 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	Elbe	ows				
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 (11%") 19mm (34") / 25mm (1					
Materials	Body: Glass-filled Polypropylene, Glass-filled Nylon, Valve: Nitrile					



LV1218 LV1219

SKIN FITTINGS

Manufactured using strong high quality moulded non-corrosive acetal

Model	Skin Fitting									
PRODUCT NUMBER	SF5018	SF5131	SF5204	SF5424						
Pipe diameter	16mm (5⁄8") 19mm (3⁄4") 25mm (1") 38mm (1½									
Materials		Ace	etal							

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





Whale

MARNING: Cancer and Reproductive Harm



EB3488





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ELECTRIC BILGE PUMP RANGE

				Low Profil	e, Narrow Sul	mersibles Compact and Powerful Vertically Stacked Submersibles								
1. Select	0 - 6m (0 - 20ft)		V	\checkmark			V	V					V
Boat Type (by length)	6 - 12m (2	20ft - 40ft)			V	V	\checkmark		V	V	V	V	V	√
(by length)	12 - 24m (40ft - 80ft)				V	V			V	V	V	V	
		n Flow ate	500 US GPH 32 Itrs/min	650 US GPH 40 Itrs/min	650 US GPH 40 Itrs/min	1050 US GPH 66 ltrs/m	1050 US GPH 66 Itrs/min	500 US GPH 32 Itrs/min	950 US GPH 59 ltrs/min	1300 US GPH 82 Itrs/min	1300 US GPH 82 Itrs/min	2000 US GPH 126 ltrs/min	3000 US GPH 189 Itrs/min	300 US GPH 19 Itrs/min
2. Flow Rate & Design	Orien	itation	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Remote Mounted
a Dosign	Version Please note Standard versions require a separate bilge switch		Standard	Standard	Automatic	Standard	Automatic	Standard	Standard	Standard	Automatic	Standard	Standard	Automatic
	lmages (not to scale)		A Trad	200										-200
		duct ription	Supersub 500	Supersub 650	Supersub Smart 650	Supersub 1100	Supersub Smart 1100	Orca 500	Orca 950	Orca 1300	Orca Auto 1300	Orca 2000	Orca 3000	Bilge IC
3. Select	Product 12 V	12 V	SS5012	SS5022	SS5212	SS1212	SS1212	BE0500	BE0950	BE1450	BE1482	BE2002	BE3002	SI8284
Pump Model	Code	24 V	/	/	/	SS1024	SS1224	/	/	BE1454	BE1484	BE2004	BE3004	SI8484
	Outle	et Size	3/4"	³ ⁄4" & 1" stepped ports	³ 4" & 1" stepped ports	1" & 1½" stepped ports	1" & 1½" stepped ports	3/4"	1" & 1½" stepped ports	1" & 1½" stepped ports	1" & 1½" stepped ports	11⁄8"	1¼"	³ ⁄4" & 1" stepped ports
		sories - ete Your tem	4201-7 - Float Switch BE9003 - Electric Field Sensor LV1219 - Non Return Valve	4201-7 - Float Switch BE9003 - Electric Field Sensor		4201-7 - Float Switch BE9003 - Electric Field Sensor		4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	4201-7 - Float Switch BE9003 - Electric Field Sensor LV1215 - Non Return Valve	LV1215 - Non Return Valve	BE9003 - Electric Field Sensor LV1215 - Non Return Valve	BE9003 - Electric Field Sensor LV1215 - Non Return Valve	

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

			Long Life Diec	ast Alloy Range	Т	ough and Ligh	ntweight Polypr	opylene Range	e		Compact Rang	Portab	le Range	
101	0	- 6m (0 - 20ft)	V	V	V	V	V	V	V	V	√	V		√
1. Select Boat Type	6 -	12m (20ft - 40ft)	V	√	V	V	V	V	V	V	V	V	Second pun	dary bilge np only
(by length)	12 -	24m (40ft - 80ft)	√	√	V	V	V	Secondary bilge pump only	V	√	Secondary bilge pump only	V		
		Emergency Bilge Pump Out	V	V	V	V	V	V	V	V	V	V		
		Holding Tank Pump Out				V	V	V	V					
2. Appliance, Performance & Port Size	PUMP USAGE	Toilet Flush		V		\checkmark	\checkmark	\checkmark	\checkmark	V				
	PUMP	Water Ballast Pump	V	V	V	V	V			V				
		Approvals	Life Boats Approval • Approved by Lloyds (MCA)				Life Boats Approval • Approved by Lloyds (MCA) and USCG (MK5 Universal MCA - Size 2) (MK5 Double Acting - Size 3)							
		rformance Data 5 strokes per minute)	75 ltrs (20 US Gals)	41 ltrs (11 US Gals)	67 ltrs (18 US Gals)	42 ltrs (11 US Gals)	64 ltrs (17 US Gals)	25 ltrs (7 US Gals)	37.5 ltrs (9.9 US Gals)	32 ltrs (9 US Gals)	32.75 ltrs (9 US Gals)			
		Port Size	1½" (38mm)	1½" (38mm)	1½" (38mm)	1½" (38mm)	1½" (38mm)	1" (25mm)	1½" (38mm)	1" (25mm)	1" (25mm)	1½" (38mm)	38mm) 1" (25mm)	
		Images (not to scale)	- Q -							V	8		Q	Ď
3. Select Pump Model		Product Description	Gusher 30	Gusher 10	Gusher Titan	MK5 Universal	MK5 Double Acting		sher chin	Compac 50	Sma	rtbail	Easy	vbailer
	DE	On Deck	BP3000	BP3708	BP4402	BP0510	MH5570		xed Handle) ovable Handle)	/		/	/	/
	PRODUCT CODE	On Bulkhead	BP3010	BP3740	BP4410		MH5550	BP9	013	BP0350	BP	5012	/	/
	RODU	Thru Deck	BP3020				MH5560						/	/
		Portable	/	/	/	/	/		/	/		/	BP1935 - Short Barrel	BP1955 - Short Barrel
Servic		Service Kits	AK3051 - Service Kit for Gusher 30	AK3706 - Service Kit for Gusher 10 (Neoprene) AK3714 - Service Kit for Gusher 10 (Nitrile)	AK9003 - Gusher Titan Service Kit (Neoprene) AK9011 - Gusher Titan Service Kit (Nitrile)	AK8050 - Service Kit for MK5 Universal	AK8060 - Service Kit for MK5 D Acting - contains: Diaphragms, Valves and Circlips AS8551 - Rocker arm assembly AS8552 - Clamping plate	Service Kit for (Neop		AK8035 - Service Kit for Compac 50	AK5(Service Kit f			

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MANUAL AND ELECTRIC FRESHWATER PUMP RANGE

				Mar	nual Freshwater P	umps		Elec	ctric Freshwater Pi	umps
	0 - 6m (0 - 20ft)	\checkmark		V	\checkmark	\checkmark	V	\checkmark	V
1. Select Boat Type	6 - 12m (2	:0ft - 40ft)	√	V	V	V	√			√ Refer to no. of outlets
(by length)	12 - 24m (4	40ft - 80ft)			V	V	√			
	Outl	ets*	1	1	1	1	1	1	1-2	1-2
2. Select Pump Usage			Hand-o Freshwa			Foot-operated Freshwater Pump			Freshwater Impeller Pump	
Outlets & Performance	Flow Rate Itrs/min (US Gals/min)		8 ltrs (2 US Gals)	7 ltrs (1.85 US Gals)	8 ltrs (2 US Gals)	15 ltrs (4 US Gals)	15 ltrs (4 US Gals)	10 ltrs (2.6 US Gals)	13 ltrs (3.4 US Gals)	15 ltrs (4 US Gals)
	Images (not to scale)						A State and a sta	Made Work The Constraint of the Constraint of th		
	Product Description		V Pump MK7	Flipper Pump MK4	Babyfoot	Gusher Galley MK3 - Right	Gusher Galley MK3 - Left	Standard Submersible/ Inline	Premium Submersible/ Inline	High Flow Submersible/Inline
	Product	12 V	GP0650	GP0418	GP4618	GP0550	GP0551	GP1002	GP1352/GP1392	GP1652/GP1692
3. Select	Code	24 V						/	GP1354/GP1394	/
Pump Model	Accessories - Complete Your System			ime and Money by using W s easy installation and re-u	k Connect Plumbing Ra hale Quick Connect wide ra sability of components. The special tools to make a wat	nge of fittings and pipework two step installation proce			WU7207 - Pressure S turning it on and off by sen ecommended for use with W in-line booster pumps.	sing changes in water
	Servic	e Kits	AK0618 - V Pump Service Kit; AS0627 - Clamping Block Assembly	AK0618 - Service Kit for Flipper; AS0406 - Flipper Overhaul Kit	AK4615 - Kit for Babyfoot® Pump	AK0553 - Service Kit for Gusher® Galley MK3; AS0556 - Piston and Operating Kit	AK0553 - Service Kit for Gusher® Galley MK3; AS0556 - Piston and Operating Kit	/	/	1

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

ELECTRIC FRESHWATER PUMP RANGE

						Electric F	reshwater Pressi	ure Pump			
1. Select	0 - 6m (0 - 20ft)	V	\checkmark		\checkmark	\checkmark	V			
Boat Type (by length)	6 - 12m (2	20ft - 40ft)	√ Refer to no. of outlets	√ Refer to no. of outlets	Refer to no. of outlets	√ Refer to no. of outlets	√ Refer to no. of outlets	√ Refer to no. of outlets			
	12 - 24m (4	6 - 12m (20 + - 400) Refer to m d outlets Refer to m d outlets <t< td=""><td>√ Refer to no. of outlets</td></t<>	√ Refer to no. of outlets								
Outlets* 1-2 3-4		3-4	3-4	1-2	3-4	3-4	4-6	6-8	6-8		
2. Select Outlets &						Ensures	smooth even flow to			d by preventing pum	p cycling
Performance											3 Bar (45psi)
											32 ltrs (8.4 US Gals)
			S	*	*	*	*	-			
											32 ltr High Capacity 21 ltr Accumulator
3. Select Pump Model	Product	12 V	FW0814	FW1214	FW1215	UF2214	UF2215	UF2015	UF8015	UF2415B	UF3615B
	Code	24 V	/	/	FW1225	UF2224	UF2225	/	UF8025	UF2425B	UF3625B
	Complete Your System		Ensures sm	ooth even flow to all outle	ets. Noise and	1	/	/	/	1	/
			AK1319 - Spare Filter; AK1329 - Spare	AK1319 - Spare Filter; AK1329 - Spare	AK1319 - Spare Filter; AK1329 - Spare					12V d.c. Pump; AK2425 - 12ltr, 24 V d.c. Pump; AK1314 - Spare Low Pressure Switch;	AK3615 - 18ltr, 12V d.c. Pump; AK3625 - 18ltr, 24 V d.c. Pump; AK1314 - Spare Low Pressure Switch; AK1315 - Spare High Pressure Switch

GULPER WASTE PUMP RANGE

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