We are passionate about delivering quality, innovation and service.
### Electric Bilge Pumps

#### Automatic Range
- **Supersub Smart** 12-13
  - Automatic narrow low profile range
- **NEW Orca Auto 1300** 14-15
  - Compact, powerful and automatic
- **NEW Bilge IC** 16-17
  - Pre wired remote pump kit with intelligent control

#### Standard Range
For use with a separate bilge switch
- **Supersub** 18-19
  - Narrow low profile pump range
- **Orca** 20-21
  - Compact and Powerful
- **Gulper 320** 22-23
  - Remote mount bilge pump

#### Manual Range
- **Diecast Aluminium Alloy Range** (For long life)
  - **Gusher 10** 26-27
  - **Gusher 30** 28-29
- **Polypropylene Range** (Tough lightweight range)
  - **Gusher Urchin** 30-31
  - **Gusher Titan** 32-33
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#### Compact Range
- **Compact 50** 36-37
  - **Smartbail** 38

#### Portable Range
- **Easy Bailer** 39

#### Bilge Accessories
- **Switches, pipework fittings, non return valves, strum boxes/strainers** 40-43

### Freshwater

#### Electric Galley Pumps
- **NEW Fresh IC** 46-47
  - Power shower pump with Intelligent control
- **Universal** 48-49
  - Pressure range
- **Accumulator Kit** 50-51
  - Expansion tank and pressure range
- **Submersible** 52-53
  - Impeller pump range
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  - Impeller pump range

#### Manual Galley Pumps
- **(Hand operated pumps)**
  - **V pump** 56
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### Faucets
- **Elegance Faucet Range** 62-63
  - ABS tough lightweight range
- **Metal Faucet Range** 64-67
  - Chromed brass range

### Showers
- **Elegance Internal Showers** 68
  - ABS tough lightweight range
- **Internal Metal Showers** 69
  - Chromed brass range

### Deck/Transom Showers
- **NEW Twist Deck Shower Range** 70-71
  - With unique integrated temperature and flow controls
- **NEW Compact**
  - **Swim ‘n’ Rinse Range** 72-73
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### Fresh Accessories
- **Filters, pressure switch, surge damper, pipework fittings** 76-77

### Whale Support
- **Quick Guides - the easy way to find the Whale product you need**  Page 118-122
- **Where to Buy**  Page 124-125
- **Meet the Team**  Page 126-127
- **Support - Contact us**  Page 128
A contagious enthusiasm for innovation

‘Whale has led the way for many decades with **ground breaking** pump and water system designs through to recent **innovation leaps** in electronically controlled systems. **Our forward thinking approach** is driven by dedicated people who exude a passion for delivering the best possible product and service for customers’.

Patrick Hurst, Managing Director

**Inside Whale**

Whale® is a well-known brand with a reputation built on decades of high quality design expertise. Today, we supply marine customers around the world with innovative freshwater, bilge and waste pump and plumbing systems.

We are proud to design, manufacture and market Whale products and to export worldwide. We relish the opportunity to support our customers. We aim to provide best in class service from our base in Bangor, Northern Ireland, our Whale sales offices in UK, USA, France and Sweden, and through our worldwide distribution network.

**Whale CE Approved**

All Whale electrical products have the appropriate CE Mark, hence conforming to the relevant European Union Standard. It is not advisable to install electrical products which do not carry the CE Mark.

**Whale Trade Names**

Whale®, Gusher®, Gulper®, Babyfoot®, Whale Twist®, Deck Protect®, Smartball® are registered trade names of Munster Simms Engineering Limited, Bangor, Northern Ireland.
WHALE SUPPORT

Our team is dedicated to providing excellent customer service and installation advice. Just call or email to speak to one of our technical advisors.

Worldwide Distribution Network
Ensures that where Whale® products and spares are needed, they are available. See pages 124 for your nearest official Whale distributor.

Boat Builder Partnerships
‘Our team includes highly skilled marine engineers who work in partnership with power and sailboat builders around the world. This collaboration delivers bespoke systems that are ideal for each builder, saving both time and money. To discuss options for partnering with Whale, please contact us today.’
Keith Nixon
Business Development – Marine International
keithn@whalepumps.com

Shelf Ready Range for Retailers
Whale’s complete retail products includes a full range of spare parts. Our marketing team are happy to work with you to provide point of sale materials to help sell in store. For more information and latest product brochures, contact us today.’
Claire McCrea – Whale Marketing Manager
clairemcc@whalepumps.com

Turn to page 126 to meet the Whale team
QUALITY  Proud to manufacture in the UK. Our production team combine the latest technology with best in class lab testing

‘Quality is central at everything we do at Whale. We continually evaluate our systems to drive improvement in design, build product and service quality. We endeavour to exceed customer expectations by implementing best practices, relevant ISO standards, and EFQM business excellence model to drive continuous improvement in all areas of our business.’

‘In recognition of our strive of excellence the company was presented with the NI Quality Award in January 2011.’
Billy Burrows, Whale Quality Manager

Whale Production - Expertise and Technology

- **Expertise** - Latest manufacturing techniques applied by our skilled workforce.
- **Production** - Many staff with over 20 years of experience building Whale products.
- **Technology** - State of the art ‘visual factory’ system controls work flow.
- **Whale Tech Centre** - Our testing laboratory runs a programme of extended life testing, datalogging and trend analysis on all existing and new products. This ensures consistently robust products designed to withstand the harsh marine environment.

High Quality Manufacturing

- **Reassurance** -
  100% of products are tested as part of the build process
  All finished goods stock is batch tested
- **Integrity of components** -
  Our in house injection moulding facility uses 100% virgin materials.

The Whale Drive for Quality

Skilled hands on Engineering and Quality teams  
- Latest testing, datalogging and lean manufacturing.
From its origins in 1810, Whale has a heritage of product quality and customer orientation. Our team has led the way in water and waste management on board for more than 60 years.

**Whale**

**Proud Heritage**

**A Reputation for Reliability**
In 2010, Whale celebrated 200 years since our foundation. Since the 1940’s we have been developing bilge, freshwater and wastewater products known for their quality and innovation. This tradition proudly continues today with our latest products.

**System Solutions**
- Bilge
- Fresh
- Washdown
- Quick Connect Plumbing
- Grey Waste
- Black Waste
- Fishbox / Baitwell
From the foundations of bilge pump design
During the 30s and 40s, Whale developed a range of high quality marine brass pumps fitted in naval and fishing fleets, and then into leisure marine applications in the 70s and 80s.

Offering support for the long haul
This brass range was manufactured through to the 1980s. Despite being out of production for more than 20 years, Whale continue to support the range with service and reconditioning for several models. For more information contact Whale Support.

Whale Support

UK
tel: +44 (0)28 9127 0531
fax: +44 (0)28 9146 6421
info@whalepumps.com
whalepumps.com

USA
tel: +1 802 367 1091
fax: +1 802 367 1095
usasales@whalepumps.com
whalepumps.com

Reputation for robust design and reliability
Today we use this solid foundation to continue to develop robust manual pumps, as well as leaping forward with the latest electronically controlled water and waste systems.

The Iconic Whale Gusher Bilge Pumps
Putting safety and reliability first for 60 years

Whale Intelligent Control
Intelligent pumps for intelligent boaters
Award winning designs, Whale’s proven pioneering technology has led the way for decades.

**Whale IC**

**Innovative Future**

**Latest technology**
Innovative electronic circuitry lies at the heart of every Whale IC pump system.

**Simple, fast installation**
**Longer system life**
**Whale’s best boater experience ever**
**Expertise in Electronics**

See latest IC Products see pages: 12-17, 46-47 and 90-93
There are heroes of innovation in all areas of our business from product manufacturing to design through to customer service. Our award winning product designs are the result.

Through the decades, Whale® has pioneered a stream of innovation from the early brass pumps to the market leading Gusher® manual bilge pumps and Gulper® electric waste pumps. In the last five years, Whale’s new products such as Twist deck shower and Supersub Smart electric bilge pumps and Intelligent Control range have all been recognized by the marine industry innovation awards.

Over the last 3 years, 15 world-wide design patents have been registered, driven by a true culture of innovation within the business. Today Whale® remains at the leading edge of engineering technology with a 27 strong design team using state of the art CAD, data-logging and rapid prototyping equipment.

‘I lead a team of really skilled and creative design engineers. Each person has their own area of expertise, but as a team we have a strong set of core engineering competencies such as mechanical pump and electronic design.’

Richard Bovill, Whale Design Engineering Manager

NEW FOR 2012
Orca Auto 1300 page 14
Orca High Capacity Models page 20
New Compact Swim ‘n’ Rinse page 72
100 ltrs Grey Waste Tanks page 100
NEW Electric Bilge Switches page 40
Whale - Electric Bilge Pump Range

From the Experts in Bilge Pumps

experience in electronics

Leaders in bilge pumps for more than 60 years
• Award winning new automatic pumps
• Narrow low profile pumps ideal solutions ideal for confined bilges
• Latest intelligent control technology

Automatic Electric Bilge Pump Range
No separate electric bilge switch needed
• Whale Supersub Smart - Narrow low profile automatic submersible pumps - Page 12-13
• NEW Orca Auto - Compact, powerful and automatic high capacity submersible pump - Page 14-15
• NEW Bilge IC - Remote mount complete automatic system - Page 16-17

Standard Submersible Bilge Pump Range
For use with separate electric bilge switch
• Supersub Standard - Narrow low profile submersible pumps - Page 18-19
• NEW Orca compact and powerful submersible pumps widest range - Page 20-21
• NEW Orca high capacity models - Page 20-21
• Gulper® 320 - Remote mounted bilge pump - Page 22-23

Accessories
Complete the system with electric bilge switches, non-return valves, pipework fittings - Page 40-43
Supersub Smart Family

Low profile automatic bilge pumps sense bilge water level and switch on and off automatically

Fit deep down in confined bilge areas, under engines or cockpit floors

Built in non-return value (in 1100 models only)

Rotates to suit your installation

Integrated bleed ball - prevents airlocks

Easy Clean Unique strainer

Efficient performance strainer design

Straight forward installation Multi position pump head and body

Electric Field Sensor Technology

Product code: see table

- Sailing Today
  – Premium Product Award August 2009
  “This was our all round favourite pump with multiple installation options easily cleaned and removable filter, small bore hose and full automation.”
  James Turner
  Sailing Today Group test - August 2009

- “This pump is easily the best working pump I have ever owned. I will recommend your company as I often service many boats.”
  Mr Ekberg, Boat Servicing Customer, Sweden
  June 2011
ELECTRIC BILGE

Features and Benefits
WHY Supersub Smart?
- Fits deep in the bilge where other pumps can’t
- No separate bilge switch required
- Automatically controlled patented electric field sensor detects water level
- Waterproof electronics- protected against water ingress
- Quick and easy installation - extra long wires, strainer and outlet rotate to suit your bilge area
- Unaffected by wave motion
- Environmentally friendly - mercury free
- Includes manual override facility
- Solid State switching - no moving parts

1 Year Warranty

Tips
- Easy clean – unique clever strainer design
- Easy to remove and replace for cleaning

Awards and Accreditations
- Qualtec award - Menzione Speciale 2009
- NMMA Innovation Award - Honourable Mention 2009

Approvals and Standards
- Conforms to ISO 8849 and ISO 15083
- Ignition protected per ABYC and USCG standards
- NMMA type approved

COMPLETE YOUR SYSTEM
Whale high quality bilge accessories including non-return valves (LV1219 for use with 650 model only) elbows and y pieces. Page 40-43

YOU MAY ALSO LIKE
NEW Orca Auto 1300 – page 14
NEW Bilge IC – Pre-wired Remote Mounted Bilge System with automatic intelligent control built in - page 16
NEW Grey IC and Gulley IC
- Automatic Grey Waste systems
- pages 90 and 92

Model Specifications

<table>
<thead>
<tr>
<th>Model Code</th>
<th>SS5212</th>
<th>SS1212</th>
<th>SS1224</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>Supersub Smart - Low Profile Automatic Bilge Pump</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Flow Rate @ 13.6 V d.c.</td>
<td>650 GPH (40 ltrs/min)</td>
<td>1050 GPH (66 ltrs/min)</td>
<td>1050 GPH (66 ltrs/min)</td>
</tr>
<tr>
<td>Flow Rate @ 1m Head</td>
<td>550 US GPH (34 ltrs/min)</td>
<td>750 GPH (47 ltrs/min)</td>
<td>750 GPH (47 ltrs/min)</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>12 V d.c.</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
</tr>
<tr>
<td>Current Draw</td>
<td>3.4 Amps</td>
<td>4.3 Amps</td>
<td>2.2 Amps</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>5 Amp automotive</td>
<td>7 Amp automotive</td>
<td>5 Amp automotive</td>
</tr>
<tr>
<td>Wire Size (Caulked Wire)</td>
<td>1.5mm (16 AWG)</td>
<td>1.5mm (16 AWG)</td>
<td>1.5mm (16 AWG)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.326 kg (0.71 lbs)</td>
<td>0.45 kg (0.99 lbs)</td>
<td>0.45 kg (0.99 lbs)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3m (10ft)</td>
<td>3m (10ft)</td>
<td>3m (10ft)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>19mm (¾&quot;) 25 / 28mm (1&quot; - 1 ⅛&quot;)</td>
<td>25 / 28mm (1&quot; - 1 ⅛&quot;) Stepped port</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body; polypropylene, High temperature ABS, fully potted circuitry. Locking Ring; acetal, Impeller; glass-filled PBT Seals; Nitrile®, Fasteners; stainless steel.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall height</td>
<td>75mm (3&quot;)</td>
<td>75mm (3&quot;)</td>
<td></td>
</tr>
<tr>
<td>Overall Width</td>
<td>54mm (2 ¾&quot;)</td>
<td>54mm (2 ¾&quot;)</td>
<td></td>
</tr>
<tr>
<td>Overall Length</td>
<td>212mm (8 ¼&quot;)</td>
<td>240mm (9 ½&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

Note: For wiring advice on your installation, please contact Whale.
These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Flow rates quoted are based on Whale laboratory tests without a non-return valve included.
NEW Compact, powerful and automatic
Submersible bilge pump with large footprint to ensure maximum surface area exposure to bilge water - no separate bilge switch required!

Integrated Electronics
Fully potted IC built in intelligent control. Microprocessor electronics sealed for protection against water ingress

Efficiency
Large surface area ensures maximum area exposed to bilge water

Fully Protected
Robust housing made from fuel resistant ABS

Easy Install
25mm (1")
28mm (1 1/8") stepped connection ports to suit your installation

Product code: see table
Features and Benefits

- **WHY ORCA AUTO 1300?**
  Introducing Whale’s latest addition to our intelligent automatic electric bilge pump range
- **High performance** - 1300 US gals/hr flow rate
- **Simple to install** - built in automatic sensor
- **No separate bilge switch is required**
- **Long battery life** - low amp draw
- **Neat fit in compact bilge areas**
- **ABS fuel resistant housing**
- **Efficient** - large filter ensures maximum surface area exposed to bilge water

1 Year Warranty

Awards and Accreditations

- Conforms to ISO 8849
- CE certified
- Directive 89/336/EEC – EMC compliant

COMPLETE YOUR SYSTEM

Bilge system accessories including non-return valves, elbows and y pieces. Page 40-43

YOU MAY ALSO LIKE

Supersub Smart
- Narrow low profile automatic electric bilge pumps – page 12
Bilge IC
- The remote mounted pre-assembled bilge pump kit with intelligent control built in – page 16

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>NEW Whale Orca Auto 1300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BE1482</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td>Open Flow Rate @13.6 V d.c.</td>
<td>1300 US GPH (82 l/min)</td>
</tr>
<tr>
<td>Flow rate at 1m (3ft) head</td>
<td>1100 GPH (65 l/min)</td>
</tr>
<tr>
<td>Current Draw</td>
<td>5 Amps</td>
</tr>
<tr>
<td>Recommended Automotive Fuse Size</td>
<td>7 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>0.9 kg (2lbs)</td>
</tr>
<tr>
<td>Hose Connection</td>
<td>Stepped ports 1&quot; and 1 ¼&quot;</td>
</tr>
<tr>
<td>Wire Size</td>
<td>16 AWG x 1m (3ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>4.5m (14.8ft)</td>
</tr>
<tr>
<td>Overall Height</td>
<td>129mm (5.1&quot;)</td>
</tr>
<tr>
<td>Overall Width</td>
<td>168mm (6.6&quot;)</td>
</tr>
<tr>
<td>Overall depth</td>
<td>121mm (4.8&quot;)</td>
</tr>
</tbody>
</table>

Note: For wiring advice on your installation, please contact Whale. These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
**NEW** Pre-wired Easy Access Remote Mounted Bilge System (4 in 1) with automatic intelligent control built in

Save time and money by reducing four separate components to one pre-wired system. Remote mounting automatic Gulper IC receives signals from Strainer IC and switches on and off automatically.

**Secure Mounting Ezi-clamp**
Twist and single screw to secure

**Secure Mounting**
Securing strap - Ensures pump remains in place in marine conditions

**Simple Installation**
Integrated non return valve

**Strainer IC**
with IC electronics built in

**Sensor Switch**
Non return valve strainer pump

**Fully Protected Pump**
with integrated electronics - intelligent control

**Ease of Installation**
Head rotates 360° to suit your installation

**3 feet design**
- Only 3 screws to fit

**COMPLETE 4 in 1 PRE-WIRED SYSTEM**
Complete your system intelligent pump, strainer, non return valve and intelligent digital switch in one

**Product code: see table**
Features and Benefits

WHY Bilge IC?

- Pre-wired and assembled - just connect power
- Remote mounted pump for easy inspection
- Soft start - protects the pump for long life
- Small footprint strainer fits into very confined bilge spaces
- Low current controlled switching - no switch failure from high currents
- On/off delay - prevents cycling
- Environmentally friendly - no mercury
- Time delay to allow for optimum drainage
- Override wire included to allow for manual activation

Awards and Accreditations

- Conforms to ISO 8849 and ISO 15083
- Ignition protected per ABYC and USCG standards
- CE certified
- Directive 89/336/EEC
- EMC compliant
- NMMA type accepted

1 Year Warranty

Tips

It is important to ensure that a vented anti-syphon loop is incorporated in the system.

COMPLETE YOUR SYSTEM

For bilge system accessories - see page 40-43

YOU MAY ALSO LIKE

Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 90 and 92

Model Specifications

| Model       | Product Code | Voltage       | Voltage Range        | Recommended Automotive Fuse Size | Minimum wire size | Cable Length | Current Profile       | Weight       | Current draw on Standby | Maximum Suction Lift | Maximum Discharge Head | Lift/head Combined | Hose Connections | Port Orientation | Connectors          | Materials in contact with fluid | Service Kits | Performance Data |
|-------------|--------------|---------------|----------------------|----------------------------------|-------------------|--------------|------------------------|--------------|-------------------------|---------------------|---------------------|---------------------|-----------------|----------------|------------------|-------------------|--------------------|------------|-----------------|
| Bilge IC    | SI8284       | 12 V d.c.     | 10 V to 13.6 V d.c.  | 10 Amp                           | 1.5 mm² (16 AWG)  | 4m (12ft)    | Soft start / stop      | 2.6kg (5.5 lbs) | Low power 0.01 Amps supply | 3m (10ft)           | 3m (10ft)          | 4m (12ft)          | Gulper® IC         | Horizontal       | IP68, Waterproof Quick Connect 7 way (directly onto Gulper® IC) | AK2050 – Replacement Pump Head (available separately) | Suction Lift | Discharge Head | Hose Size | Flow Rate/minute | Current Draw (12 V d.c.) | Current Draw (24 V d.c.) |
|             | SI8484       | 24 V d.c.     | 21.6 V to 27.2 V d.c.| 5 Amp                            |                   |             |                        |              |                         |                     |                     |                    | or 1" (25mm) Strainer IC - ¾" (19mm) |                    |                    | 1m (3ft) | 1m (3ft) | 1m (3ft) | 1m (3ft) | 7.5 amps | 8 amps | 7.5 amps | 8 amps | 3.25 amps | 4 amps |

Note: Maximum vertical lift not more than 3m (10ft)

Note: For wiring advice on your installation, please contact Whale.

Typical Installation

Performance Data

- Maximum lift/head combined: 4m (12ft)
- Maximum suction lift: 3m (10ft)
- Maximum discharge head: 3m (10ft)
- Hose connections: Gulper® IC - Barbed connections, ¾" (19mm) / 1" (25mm), or 1" (25mm) Strainer IC - ¾" (19mm)
- Port orientation: Horizontal (Easily changed to vertical)

Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 90 and 92

Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 90 and 92
Narrow low profile standard submersible bilge pumps now with higher capacity models. Designed for use with separate bilge switch.

Low profile electric bilge pump designed for narrow bilge spaces. Supersubs fit deep down in small / awkward bilge spaces where other pumps won’t.

Integrated bleed ball - prevents airlocks

Efficient operation - low profile strainer

Easy maintenance - Unique easy to clean strainer

Versatile installation - Multi position pump head and body

Simple plumbing
- 500 model - 19 mm (¾”)
- 1100 models - 25mm (1”)
- 28mm (1¼”) stepped port
- ports can be rotated to suit your installation

Long term reliability - comes with extra long wires for integrity

Product code: see table
Features and Benefits

- Low narrow design for confined bilge spaces
- Easy installation - outlet and pump body rotate to suit your installation
- High performance
- Efficient operation - very low power consumption
- Easy to clean - snap fit assembly
- Low profile strainer - leaves the bilge almost dry

Awards and Accreditations
- PBO testers choice
- Approvals and Standards
  - Conforms to ISO 8849 and ISO 15083
  - Ignition protected per ABYC and USCG standards.
  - CE certified Directive 89/336/EEC
  - EMC compliant. NMMA type accepted

1 Year Warranty

Tips
It is important to ensure that a vented anti-syphon loop is incorporated in the system

COMPLETE YOUR SYSTEM
See Page 40-43 for bilge system accessories

YOU MAY ALSO LIKE

Supersub Smart Family - The automatic range with built in intelligent control - no need for a separate bilge switch - page 12
Orca Auto 1300 - Compact, powerful and automatic submersible bilge pump - page 14
NEW Bilge IC - Pre-wired Remote Mounted Bilge System with automatic intelligent control built in - page 16

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Supersub 500 (12 V d.c.)</th>
<th>Supersub 1100 (12 V d.c.)</th>
<th>Supersub 1100 (24 V d.c.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>SS5012</td>
<td>SS1012</td>
<td>SS1024</td>
</tr>
<tr>
<td>Open Flow Rate @ 13.6 V d.c.</td>
<td>500 US GPH (32 ltrs/ min)</td>
<td>1050 US GPH (60 ltrs/ min)</td>
<td></td>
</tr>
<tr>
<td>Flow Rate at 1M (3ft) head</td>
<td>400 US GPH (25 ltrs/ min)</td>
<td>750 US GPH (41 ltrs/ min)</td>
<td></td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>12 V d.c.</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
</tr>
<tr>
<td>Current Draw</td>
<td>2.4 Amp</td>
<td>4.3 Amp</td>
<td>2.2 Amp</td>
</tr>
<tr>
<td>Recommended Fuse Size (Automotive)</td>
<td>5 Amp</td>
<td>7 Amp</td>
<td>5 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>270g (0.6 lbs)</td>
<td>400g (0.9 lbs)</td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>19 mm (3/4&quot;)</td>
<td>25mm / 28mm (1&quot; / 1 1/8&quot;) stepped ports</td>
<td></td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>1.5 mm² (16 AWG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Polypropylene, ABS, Glass-filled PBT, Nitrile®</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>electric bilge switches BE9002 and BE9006 - for all bilge accessories see page 40-43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: For wiring advice on your installation, please contact Whale. These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Please note: flow rates quoted are based on Whale laboratory tests without a non-return valve included.
Orca Electric Bilge Range

Orca- Compact and Powerful Electric Bilge Pump Range designed for use with a separate electric bilge switch Whales widest range of electric submersible bilge pumps ever

NEW HIGH CAPACITY MODELS
Efficient design with large footprint to ensure maximum surface area exposure to bilge water, now available in higher capacity 2000 and 3000 models.

Robust housing - fuel resistant ABS

Easy maintenance - easy access to motor cartridge and filter

Easy release cover - simply press both buttons and pull to release

Efficiency - large surface area ensures maximum area exposed to bilge water

Versatile installation - choose from multiple wire location options

Simple plumbing
500 models - 19 mm (¾”) ports
950, 1300 models - 25mm (1”) or 28.5mm (1 ¼”) stepped port connections
2000 models - 28.5mm (1 ¼”)
3000 models - (32mm) (1 1/4”)

Product code: see table

NEW Widest Range Ever

500 950 1300 2000 3000

NEW Higher Capacity
NEW Higher Capacity

(for dimensions see table page 21)
Features and Benefits
• High performance
• Simple installation
  - Multiple wire locations
• Low amp draw means long battery life
• Easy maintenance
  - Access to motor cartridge and filter area
• Compact design
• Available in a range of 5 flow capacities
  - 500, 950, 1300, 2000 and 3000 US GPH
• 2000 and 3000 models self clearing
  - prevent cavitation

3 Year Warranty

Awards and Accreditations
• Meets ISO8849 marine standard
• CE certified

COMPLETE YOUR SYSTEM
Whale high quality bilge accessories including electric bilge switches, non-return valves, elbows and Y pieces. Page 40

YOU MAY ALSO LIKE
Orca Auto 1300 – Compact, powerful and automatic submersible bilge pump- page 14
Supersub Smart Automatic narrow low profile submersible bilge pumps – page 12
Supersub – narrow low profile submersible bilge pumps (designed for use with a separate electric bilge switch – page 18

Model Specifications

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Product Code</td>
<td>BE0500</td>
<td>BE0950</td>
<td>BE1450</td>
<td>BE1454</td>
<td>BE2002</td>
<td>BE2004</td>
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<tr>
<td>Open Flow Rate @13.6 V d.c.</td>
<td>500 GPH (32 l/min)</td>
<td>950 GPH (59 l/min)</td>
<td>1300 GPH (82 l/min)</td>
<td>2000 US GPH (126 l/min)</td>
<td>3000 US GPH (189 l/min)</td>
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<tr>
<td>Flow Rate @ 1m (3ft) head</td>
<td>450 GPH (28 l/min)</td>
<td>850 GPH (53 l/min)</td>
<td>1100 GPH (69 l/min)</td>
<td>1650 US GPH (104 l/min)</td>
<td>2700 US GPH (170 l/min)</td>
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<tr>
<td>Nominal Voltage</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
<td>24 V d.c.</td>
<td>24 V d.c.</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
</tr>
<tr>
<td>Current Draw</td>
<td>1.5 amps</td>
<td>3.5 amps</td>
<td>5.0 amps</td>
<td>2.5 amps</td>
<td>10 amps</td>
<td>10 amps</td>
</tr>
<tr>
<td>Recommended Automotive Fuse</td>
<td>2.0 Amp</td>
<td>5.0 Amp</td>
<td>7.0 Amp</td>
<td>5.0 Amp</td>
<td>15 Amp</td>
<td>15 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>0.28 kg. (0.6lbs)</td>
<td>0.45 kg. (1 lb)</td>
<td>0.82 kg. (1.8 lbs)</td>
<td>1.4 Amp</td>
<td>27 Amp</td>
<td>13 Amp</td>
</tr>
<tr>
<td>Hose Connection</td>
<td>¾” (19mm)</td>
<td>1” (25/28.5mm)</td>
<td>1” (25/28.5mm)</td>
<td>1” (28.5mm)</td>
<td>1 ½” (32mm)</td>
<td></td>
</tr>
<tr>
<td>Wire Size</td>
<td>1.5mm² (16 AWG)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body- ABS, Seals: Nitrile®, Impeller: Acetal</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum</td>
<td>3 m (9.8ft)</td>
<td>3.5m (11.5ft)</td>
<td>4.5m (14.8ft)</td>
<td>4 m (13 ft)</td>
<td>4.6 m (15ft)</td>
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</tr>
<tr>
<td>Overall Height</td>
<td>83mm (3.3”)</td>
<td>103mm (4.1”)</td>
<td>129mm (5.1”)</td>
<td>165mm (6.5”)</td>
<td>195mm (7.7”)</td>
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<tr>
<td>Overall Width</td>
<td>102mm (4”)</td>
<td>135mm (5.3”)</td>
<td>168mm (6.5”)</td>
<td>144mm (5.7”)</td>
<td>166mm (6.5”)</td>
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<tr>
<td>Overall Depth</td>
<td>78.5mm (3.1”)</td>
<td>103mm (4.1”)</td>
<td>121mm (4.8”)</td>
<td>120.5mm (4.74”)</td>
<td>132mm (5.1”)</td>
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</tr>
</tbody>
</table>

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

Gulper® 320

Easy Access Remote Mount Bilge Pump

High, Dry and protected - remote mounted for easy inspection

No clog, no filter waste pump built on more than a decade of market leading pump technology

- Ezi-clamp - Twist and single screw to secure
- Securing strap - Ensures pump remains in place in harsh marine conditions
- Easy maintenance - Non choke valves, no filter to block or clean
- Straight forward installation - Multi directional head rotates 360° for convenient installation
- Secure - Three feet design - only 3 screws required
- Reliability - Double outlet valves for continuous flow
- Simple plumbing - Barbed connections for either 19 mm (¾") or 25mm (1") hose size

Product code: see table
ELECTRIC BILGE

Features and Benefits

• Easy Access Remote Mount Bilge Pump – Remote mounting allows easy access
• Meets requirement for primary bilge pump for boats up to 12m (39.4ft) length
• Ideal where bilge space is limited
• Long life, high, dry and protected

3 Year Warranty

Awards and Accreditations

• ISO15083 Marine standard suitable as a primary bilge pump (for vessels up to 12m in length) or secondary bilge pump in accordance with ISO8849.
• Ignition protection ISO8846.
• CE marked.

COMPLETE YOUR SYSTEM

See page 40-43 for bilge accessories

YOU MAY ALSO LIKE

Bilge IC - Pre-wired Automatic Bilge System with Intelligent Control built in - page 16
Supersub Smart - Narrow low profile Automatic Electric Bilge Pumps with Intelligent Control built in - page 12

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gulper® 320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code (retail)</td>
<td>BP2052 (includes 3/4&quot; strainer)</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>3/4&quot; (19mm) + 1&quot; (25mm)</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>10 Amp Automotive</td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>1.5 mm² (16 AWG)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.6 kg (3.5 lbs)</td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Head: Glass-filled Nylon, Valves and Diaphragm: Santoprene®</td>
</tr>
<tr>
<td>Accessories</td>
<td>SB3422 (19mm) strainer (multi-directional port)</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK2050 - replacement pump head</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head and Suction Lift Combined</td>
<td>4m (13.5ft)</td>
</tr>
</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th>Model</th>
<th>BP2052 / BP2054</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>0m</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0m</td>
</tr>
<tr>
<td>Hose Size</td>
<td>3/4&quot; (19mm)</td>
</tr>
<tr>
<td>Flow Rate per Minute</td>
<td>19 ltrs (5 US Gals)</td>
</tr>
<tr>
<td>Current Draw</td>
<td>7.5 amps (12 V d.c.)</td>
</tr>
<tr>
<td></td>
<td>3.25 amps (24 V d.c.)</td>
</tr>
</tbody>
</table>

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

Putting safety and reliability first for more than 60 years
The experts in manual bilge pumps
Up to 5 year warranty

Since the 1940s Whale engineers have refined our manual bilge pump designs and completed extended life testing - the result? Whale’s iconic manual bilge pump range. Pumps manufactured by hand using high grade materials based on more than 60 years experience

Gusher® Range
Long Life Diecast Alloy Models
- Gusher 10 - Page 26-27
- Gusher 30 - Page 28-29

Gusher® Range
Tough and Lightweight Polypropylene Models
- Gusher Urchin - Page 30-31
- Gusher Titan - Page 32-33
- Mark V and Double Acting - Page 34-35

Low Profile
Compact Range
- Compac 50 - Page 36-37
- Smartbail - Page 38

Portable
- Easybailer - Page 39

Accessories
Complete the system with electric bilge switches, non-return valves, pipework fittings - Page 40-43

Note - Performance data quoted in this section is based on typical usage and Whale lab tests. For information on our ISO certifications please contact Whale.
The original bilge pump choice for sailors in extreme conditions
Durable Diecast Alloy Bilge Pump
Top performance - 65 ltrs (17 US gals) / minute, robust design stands up to the toughest marine conditions

- Durability
  long life LM6 diecast alloy
- Easy grasp handle
- Easy maintenance
  designed for instant access
- Simple plumbing
  38mm (1½") smooth hose connections
- High flow non choke valves
  no filter to block or clean
- Mounting options
  Models on-deck / Thru-deck options

Whale's long life diecast alloy range

Gusher® 10
Features and Benefits

- Robust design stands up to the toughest marine conditions
- Top performance - 65 ltrs (17 US gals) per minute
- Mounting options On Deck / Bulkhead, Thru deck
- Designed for simple installation and maintenance
- Efficiency - Large non-choke valves
- Ideal for workboats, cruisers, offshore racing
- Easy pump action - Self priming
- Typical uses - Bilge pump out/ holding tank pump out

5 Year Warranty

Awards and Accreditations

Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO15083

COMPLETE YOUR SYSTEM

Whale high quality bilge accessories including non-return valves, elbows and Y pieces see page 40-43

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>On Deck / Bulkhead</th>
<th>Thru Deck / Bulkhead (includes deck plate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP3708</td>
<td>BP3740</td>
</tr>
<tr>
<td>Weight</td>
<td>2.3 kg (5 lbs)</td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>38 mm (1 ½&quot;) Smooth Hose Connections</td>
<td></td>
</tr>
</tbody>
</table>
| Materials  | Pump Body: Marine Grade LM6 Aluminium Alloy (epoxy coated)  
Diaphragm: Neoprene (Nitrile® option available)  
Fasteners: Stainless Steel  
 Materials Contact With Fluid | Marine Grade LM6 Aluminium Alloy (Epoxy Coated)  
Neoprene, Nitrile®, Stainless Steel |
| Service Kits | AK3706 - Neoprene Parts  
AK3714 - Nitrile® Parts for Oil and Diesel  
Contains: Diaphragm, Valves, Seals |
| Accessories | DP3804 - Alloy Deck Plate  
DP8904 - Plastic Deck Plate Ltd  
AS4405 - Spare Handle |
| Maximum Suction Lift | 4 m (13.5 ft) |
| Maximum Discharge Head | 4 m (13.5 ft) |

Performance Data

<table>
<thead>
<tr>
<th>BP3708 / BP3740</th>
<th>BP3708 / BP3740</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
</tr>
</tbody>
</table>
| 45 Strokes per Minute | 41 ltrs (11 US gals)  
70 Strokes per Minute | 65 ltrs (17 US gals) |
| 45 ltrs (11 US gals)  |
| 65 ltrs (17 US gals)  |

Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
**Gusher® 30**

**GUSHER 30** is our largest capacity manual bilge pump. Manufactured by hand using high grade materials based on more than 60 years experience. The heavy duty Gusher 30 is ideal when long term durability and high performance is vital.

- Simple plumbing: 38mm (1½") hose connections
- Long term reliability: fully protected diaphragms
- Efficiency: high capacity double acting pump
- Ease of operation: extra long handle
- Robust design: corrosion resistant, powder-coated, die-cast aluminium alloy

Whale’s long life diecast alloy range

**Product code:** see table
Awards and Accreditations
- Pump accepted on some vessels for use as an emergency fire pump
- Suitable as a primary bilge pump on boats equal to or greater than 12 m (40ft) in accordance with ISO15083

Life Boats Approval
- Approved by Lloyds (MCA) and USCG

Features and Benefits
- Maximum output
  - Delivering over 117 ltrs (31 US gals) per minute
- Efficient operation
  - Double acting pumps on both to and fro strokes
- Reliability
  - Twin diaphragms ensure pump continues working if one is damaged
- Durability
  - Powder coated diecast aluminium alloy
- Pumps oily bilge water
- No tools required for inspection and cleaning
- 3 mounting options
  - Available for deck, bulkhead or underdeck mount (deckplate included with BP3020)

5 Year Warranty

Tips
It is important to ensure that a vented anti-syphon loop is incorporated in the system

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>On Deck</th>
<th>On Bulkhead</th>
<th>Thru Deck Only</th>
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<tbody>
<tr>
<td>Product Code</td>
<td>BP3000</td>
<td>BP3010</td>
<td>BP3020</td>
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<tr>
<td>Hose Connections</td>
<td>38 mm (1 1⁄2”) Hose Connections</td>
<td>38 mm (1 1⁄2”) Hose Connections</td>
<td>38 mm (1 1⁄2”) Hose Connections</td>
</tr>
<tr>
<td>Weight</td>
<td>5.05 kg (11.1 lbs)</td>
<td>5.9 kg (13 lbs)</td>
<td>5.9 kg (13 lbs)</td>
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<tr>
<td>Materials In Contact With Fluid</td>
<td>Neoprene, Stainless Steel</td>
<td>Marine Grade LM6 Aluminium Alloy (epoxy coated)</td>
<td>Neoprene, Stainless Steel</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK3051 - Service Kit for Gusher® 30</td>
<td></td>
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</tr>
<tr>
<td>Accessories</td>
<td>AS3095 - Spare Handle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
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Performance Data

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<tr>
<th>Suction Lift</th>
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<th>BP3020</th>
<th>BP3000 / BP3010</th>
<th>BP3020</th>
<th>BP3000 / BP3010</th>
<th>BP3020</th>
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<tbody>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>75 ltrs (20 US gals)</td>
<td>71 ltrs (19 US gals)</td>
<td>71 ltrs (19 US gals)</td>
<td>71 ltrs (19 US gals)</td>
<td>71 ltrs (19 US gals)</td>
<td>71 ltrs (19 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>117 ltrs (31 US gals)</td>
<td>111 ltrs (29 US gals)</td>
<td>111 ltrs (29 US gals)</td>
<td>111 ltrs (29 US gals)</td>
<td>111 ltrs (29 US gals)</td>
<td>111 ltrs (29 US gals)</td>
</tr>
</tbody>
</table>

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

**GUSHER URCHIN** the ideal pump for confined bilge spaces

Manufactured by hand using high grade materials based on more than 60 years experience

- Compact design ideal for confined spaces
- Reliable performance tricuspid outlet valve
- Secure fit robust moulded base
- Versatility of installation removable clamping ring for head rotation
- Simple plumbing 25mm (1") or 38mm (1½") smooth hose connection options
- Ease of operation moulded grip handle
- Easy maintenance easy remove clamp ring

**Product code:** BP9005
Features and Benefits

Gusher Urchin - The compact and reliable pump ideal were space is limited.

- Ease of operation - Smooth action
- Clamp ring easily removed for pump head rotation and quick maintenance
- Versatility of design
  - Dual size nozzles for 25 mm (1") or 38 mm (1½") hose to suit your plumbing
- Efficient performance
  - up to 55 ltrs (14.5 US gals) per minute
- Three different mounting options (deck, bulkhead and thru deck models)

Awards and Accreditations

- 25mm (1") Hose connection - Suitable as a primary bilge pump on boats up to 12m (40ft) in accordance with ISO15083
- 38mm (1½") Hose connection - Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) up to 24m (80ft) in accordance with ISO15083

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>On Deck Fixed Handle</th>
<th>Thru Deck / Bulkhead (Includes deckplate)</th>
<th>On Deck Removable Handle</th>
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<tbody>
<tr>
<td><strong>Product Code</strong></td>
<td>BP9005</td>
<td>BP9013</td>
<td>BP9021</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.6 kg (1.3 lbs)</td>
<td>0.96 kg (2 lbs)</td>
<td>0.7 kg (1.5 lbs)</td>
</tr>
<tr>
<td><strong>Hose Connections</strong></td>
<td>25 mm (1&quot;) or 38 mm (1½&quot;) Smooth Hose Connections</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td>Pump Body: Glass-filled Polypropylene, Clamp Ring: Acetal Diaphragm: Neoprene, Nitrile® option available Operating Lever (BP9021 and BP9013 only): Glass-filled Nylon Handle, Spring, Fasteners: Stainless Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Materials In Contact With Fluid</strong></td>
<td>Glass-filled Polypropylene, Nitrile®, Neoprene, Stainless Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Service Kits</strong></td>
<td>AK9003 - Neoprene Parts AK9011 - Nitrile® Parts for Oil and Diesel Contains: Diaphragms, Valves and Circlets</td>
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<td></td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td>AS8680 - Spare Handle (for BP9013 &amp; BP9021 only)</td>
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</tr>
<tr>
<td><strong>Maximum Suction Lift</strong></td>
<td>4 m (13.5 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Maximum Discharge Head</strong></td>
<td>3 m (10 ft)</td>
<td></td>
<td></td>
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</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th>25 mm (1&quot;) Hose</th>
<th>BP9005 / BP9013 / BP9021</th>
<th>BP9005 / BP9013 / BP9021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
<td>2 m (6 ft)</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>25 ltrs (7 US gals)</td>
<td>25 ltrs (7 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>43 ltrs (11.4 US gals)</td>
<td>40 ltrs (10.6 US gals)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>38 mm (1½&quot;) Hose</th>
<th>BP9005 / BP9013 / BP9021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>37.5 ltrs (9.9 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>55 ltrs (14.5 US gals)</td>
</tr>
</tbody>
</table>

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

**Gusher Titan**

**Tough and Lightweight Polypropylene Models**

**GUSHER TITAN** combines powerful performance and lightweight design

- **Proven design** - Tough yet lightweight
- **Easy to use** ball handle
- **Thru deck / Bulkhead**
- **On deck**
- **Multiple installation** - removable clamping ring for head rotation
- **Simple plumbing** - 38mm (1½") smooth hose connections

*Product code: see table*
Features and Benefits
Whale’s tough lightweight proven pump. A design that has been tried tested and trusted by sailors for decades.

- High flow rate: 105 ltrs (28 US gals) per minute
- Quick maintenance
- Clamp ring easily removed for pump head rotation
- Tough, lightweight proven design
- 2 mounting options - bulkhead and thru deck models (with deckplate included)
- Suitable for use on boats over 12 m (40 ft)

5 Year Warranty
It is important to ensure that a vented anti-syphon loop is incorporated in the system

Awards and Accreditations
- Suitable as a primary bilge pump on boats equal to or greater than 12 m (40 ft) in accordance with ISO15083

COMPLETE YOUR SYSTEM
Whale high quality bilge accessories including non-return valves, elbows and Y pieces see page 40-43

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>On Deck BP4402</th>
<th>Thru Deck / Bulkhead BP4410</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP4402</td>
<td>BP4410</td>
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<tr>
<td>Weight</td>
<td>1.5 kg (3.3 lbs)</td>
<td>1.85 kg (4.1 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>38 mm (1 1/2&quot;) Smooth Hose Connections</td>
<td></td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Glass-filled Polypropylene, Acetal, Neoprene, Nitrile®</td>
<td></td>
</tr>
<tr>
<td>Service Kits</td>
<td>AK4400 - Neoprene Parts AK4419 - Nitrile® Parts for Oil and Diesel Contains: Diaphragm, Valves, Seals</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>DP8904 - Deck Plate Kit for BP4410 only AS4405 - Spare Handle</td>
<td></td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>4 m (13.5 ft)</td>
<td>4 m (13.5 ft)</td>
</tr>
</tbody>
</table>

Spares Kits
- AK4400 Service Kit - Whale Gusher Titan Neoprene (for on deck installations) - diaphragm, valves and fixings
- AK4419 Service Kit - Whale Gusher Titan Nitrile (for below deck installations) - diaphragm, valves and fixings
- AS4406 Service kit - Whale Gusher Titan - Standard Lever Kit
- AS4407 Service kit - Whale Gusher Titan - Standard Clamping Ring Kit
- AS4408 Service Kit - Whale Gusher Titan - Operating Lever U/Deck
- AS4409 Service kit - Whale Gusher Titan - UnderDeck Clamping Ring Kit
- AS4412 Service kit - Whale Gusher Titan - Clamping Plate Kit
- AS3725 Service kit - Garter Kit For Deckplates (for underdeck models - Gusher 30 and 10, Titan, Urchin, MarkV) |

Performance Data

<table>
<thead>
<tr>
<th></th>
<th>BP4402 / BP4410</th>
<th>BP4402 / BP4410</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
<td>2 m (6 ft)</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>67 ltrs (18 US gals)</td>
<td>65 ltrs (17 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>105 ltrs (29 US gals)</td>
<td>98 ltrs (26 US gals)</td>
</tr>
</tbody>
</table>

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

Mk5 Range

Tough proven, reliable designs available with single or double acting capabilities

**MK5 UNIVERSAL** Manual Bilge Pump. Whale’s most versatile high performance pump design. 3 mounting orientations – 1 pump

- Fully protected diaphragm
- Odour – proof seals
- Easy maintenance inspection port
- Easy grip handle
- Non - choke valves
- Multi - mount design

Mk5 Double Acting Manual Bilge Pump

High output - 104 ltrs/23 US gals/minute
Twin diaphragms - empty 2 bilges compartments at the same time or one twice as quickly - 2 manifolds supplied

Product code: see table
Features and Benefits

Mk5 Universal High Capacity Manual Bilge Pumps

- Three mounting options. A design that has been tried tested and trusted by sailors for decades. This clever bilge pump design allows great versatility in installation so that you can fit the pump in the orientation to best suit your boat.
- Whale’s most versatile high performance pump design
- 3 mounting orientations
  1 pump (on-deck, thru-deck, on-bulkhead)
- High Performance – flow rate (66 ltrs / 17.5 US gals / min)

Mk5 Double Acting high performance

- Ease of maintenance inspection hatch - no tools required
- Will continue to pump even if one diaphragm fails

---

**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Mk5 Universal Pump (Multiple Mounting Options)</th>
<th>Mk 5 - Double Acting Pumps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP0510</td>
<td>MH5550 MH5560 MH5570 MH5570</td>
</tr>
<tr>
<td>Weight</td>
<td>1.36 kg (3.0 lbs)</td>
<td>2.8 kg (6 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>38 mm (1 1/2”) Hose Connections</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body: Glass-filled Polypropylene, Diaphragm</td>
<td>Valves and Seals: Nitrile®, Operating Lever: Acetal, Glass-filled Nylon</td>
</tr>
<tr>
<td></td>
<td>Spring and Fasteners: Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>Materials In Contact</td>
<td>Glass-filled Polypropylene, Acetal, Nitrile®, Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>With Fluid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Service Kit

- AK8050 - Service Kit for Mk5
  Contains: Diaphragms, Valves and Circlets
- AS0511 - Spare Handle
- AS0521 - rocker arm assembly
- AS0522 - Front cover / body assembly
- AS0531 - Under deck rocker arm assembly

- AK8060 - Service Kit for Mk 5 D Acting
  contains: Diaphragms, Valves and Circlets
- AS8551 - Rocker arm assembly
- AS8552 - Clamping plate and nut kit

Accessories

- AS3725 Gaiter Kit
- DP5000 - Deck Plate Kit (includes cover)

Performance Data

<table>
<thead>
<tr>
<th></th>
<th>Mk5 Universal Pump</th>
<th>Mk 5 - Double Acting Pumps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
<td></td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td></td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>42 ltrs (11 US gals)</td>
<td>64 ltrs (17 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>66 ltrs (17.5 US gals)</td>
<td>104 ltrs (27.5 US gals)</td>
</tr>
</tbody>
</table>

---

Tips

It is important to ensure that a vented anti-syphon loop is incorporated in the system

Awards and Accreditations

- Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO15083
- Approved by Lloyds (MCA) and USCG
  (Mk5 Universal MCA - Size 2)
  (Mk5 Double Acting - Size 3)
Whale’s Compact Range

Compac 50

Designed for confined spaces where you have limited space to fit your pump

**COMPAC 50** compact design easily installed in tight bilge spaces where other pumps simply cannot fit

- **Easy grip handle**
- **Easy maintenance** easy to remove clamp ring for maintenance / head rotation
- **Slimline design** only 120mm / 4 ¾” below the deck
- **Smooth 25mm / 1” hose connections**

Product code: see table
Features and Benefits

- Whale’s most slim line design
- Includes sleek Whale deck plate with cover
- Tough proven reliable
- High performance (up to 35 ltrs / 9.2 US gals per min)
- Suitable for pumping bilge water saltwater or diesel

5 Year Warranty

It is important to ensure that a vented anti-syphon loop is incorporated in the system

Awards and Accreditations

- Suitable as a primary bilge pump on boats equal to or greater than 12 m (40 ft) accordance with ISO15083

COMPLETE YOUR SYSTEM

Whale high quality bilge accessories including non-return valves, elbows and Y pieces see page 40-43

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Compac 50 Thru Deck / Bulkhead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP0350</td>
</tr>
<tr>
<td>Weight</td>
<td>0.9 kg (2 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>25 mm (*) Smooth Hose Connections</td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Glass-filled Polypropylene, Nitrile®, Stainless Steel</td>
</tr>
</tbody>
</table>

Service Kit

- AK8035 - Service Kit for Compac 50
  Contains: Diaphragm, Valves and Circlips

Accessories

- AS0353 - Clamping Ring Kit
- AS0355 Spare Handle / AS0356 - Deckplate Kit

Maximum Suction Lift

- 3 m (10 ft)

Maximum Discharge Head

- 4 m (13.5 ft)

Spares Kits

- AK8035 Service Kit - Whale Compac 50 - diaphragm, valves and fixings
- AS0352 Service Kit - Whale Compac 50 - Rocker Arm + Clamp Plate Kit
- AS0353 Service Kit - Whale Compac 50 - Clamping Ring Kit
- AS0355 Service Kit - Whale Compac 50 - Handle Assembly
- AS0356 Service Kit - Whale Compac 50 - Deckplate Kit

Performance Data

| Suction Lift | 1 m (3 ft) |
| Discharge Head | 0.5 m (1.5 ft) |
| 45 Strokes per Minute | 32 ltrs (9 US gals) |
| 70 Strokes per Minute | 35 ltrs (9.2 US gals) |

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

- Trust Whale to make a smart pump
- The lightweight fast installation option
- Quick easy to install by one person
- Compact size is ideal where space is limited
- Modern styling - sleek cover blends in with the deck fibreglass
- Easy pump action - Patented diaphragm
- Self-sealing design means no need for messy sealants

Whale’s low profile compact range designed for confined spaces where you have limited space to fit your pump

Sleek integrated handle makes the pump instantly ready for use

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Whale Smartbail (Thru Bulkhead)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP5012</td>
</tr>
<tr>
<td>Weight</td>
<td>0.6 kg (1.31 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>2 options included: 25 mm ports (1&quot;) qty 2, 38 mm ports (1 1/2&quot;) qty 2</td>
</tr>
<tr>
<td>Materials</td>
<td>Glass-filled Polypropylene, Stainless Steel, Nitrile®, Santoprene®</td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Pump body: Glass-filled Polypropylene, Hitt and outlet valves: Nitrile®, Diaphragm: Santoprene®</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK5010 - Diaphragm, valves and seals</td>
</tr>
</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th>Port Size</th>
<th>Maximum Head</th>
<th>Maximum Lift</th>
<th>Maximum Combined Head and Lift</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP5012 (with 25mm ports)</td>
<td>3m (9.8ft)</td>
<td>3m (9.8ft)</td>
<td>3m (9.8ft)</td>
</tr>
<tr>
<td>BP5012 (with 38mm ports)</td>
<td>3m (9.8ft)</td>
<td>3m (9.8ft)</td>
<td>3m (9.8ft)</td>
</tr>
<tr>
<td>0 m (0 ft)</td>
<td>38.5 ltrs/min (10.17 US gals/min)</td>
<td>60 ltrs/min (15.9 US gals/min)</td>
<td>43.5 ltrs/min (11.5 US gals/min)</td>
</tr>
<tr>
<td>1 m (3 ft)</td>
<td>32.75 ltrs/min (8.7 US gals/min)</td>
<td>51 ltrs/min (13.5 US gals/min)</td>
<td>43.5 ltrs/min (11.4 US gals/min)</td>
</tr>
</tbody>
</table>

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

Awards and Accreditations

- Suitable as a primary bilge pump on boats equal to or greater than 12m (40ft) in accordance with ISO15083

Tips

- It is important to ensure that a vented anti-siphon loop is incorporated in the system

Whale’s Compact Range

3 Year Warranty

Product code: see table

Smartbail

Low profile design only 140mm (5½") deep for confined spaces

Modern styling sleek cover blends with the deck fibreglass

Ease of installation ports swivelling connections for either 25mm (1") or 38mm (1 1/2") hose size

Comfortable to use easy grip, integrated handle

38
Features and Benefits

Whale's hand held pump for easy bail out on board small boats dinghies/kayaks
- Portable light weight design
- Suitable for bilge water or diesel transfer
- Flexible hose can be easily directed to hard to reach bilge areas
- Available in two barrel lengths 483 mm (19") or 685 mm (26 15/16")

Awards and Accreditations
- Suitable as a primary bilge pump on boats up to 12m (40ft) in accordance with ISO15083

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>Short Barrel Version</th>
<th>Long Barrel Version</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>BP1935</td>
<td>BP1955</td>
</tr>
<tr>
<td><strong>Product Code</strong></td>
<td>BP1935</td>
<td>BP1955</td>
</tr>
<tr>
<td><strong>Hose Connections</strong></td>
<td>25 mm (1&quot;) Hose Connections</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.32 kg (0.7 lbs)</td>
<td>0.4 kg (0.9 lbs)</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td>Pump Body: ABS, HDPE, Polypropylene, PVC, uPVC, Diaphragm - Neoprene, Fasteners: Stainless Steel</td>
<td>ABS, HDPE, Polypropylene, PVC, uPVC, Neoprene, Stainless Steel</td>
</tr>
<tr>
<td><strong>Materials In Contact With Fluid</strong></td>
<td>ABS, HDPE, Polypropylene, PVC, uPVC, Neoprene, Stainless Steel</td>
<td>ABS, HDPE, Polypropylene, PVC, uPVC, Neoprene, Stainless Steel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>0</td>
<td>1m (3 ft)</td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td>0.5 m (1.5 ft)</td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>19 ltrs (5 US gals)</td>
<td>19 ltrs (5 US gals)</td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>31.4 ltrs (8.3 US gals)</td>
<td>31.4 ltrs (8.3 US gals)</td>
</tr>
</tbody>
</table>
Bilge Accessories

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 with highest quality at heart. Combine these accessories with your Whale bilge pumps for reliability and durability.

Need specific advice on your system? Contact our technical team at Whale support
See below for a full list of accessories

Electric Bilge Switches

NEW Electric Field Sensor Range

- Electric field sensor automatically sense water levels and switch 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 or enables lower drain than 13mm (½")

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Electric Field Sensor Switch</th>
<th>Electric Field Sensor Switch with time delay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>BE9003</td>
<td>BE9006</td>
</tr>
<tr>
<td>Voltage D.C.</td>
<td>12V d.c. or 24V d.c.</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>Suitable for up to 20 Amps</td>
<td></td>
</tr>
<tr>
<td>Residual Current</td>
<td>0.008 Amp</td>
<td></td>
</tr>
</tbody>
</table>

Suitable for Orca and Supersub standard submersible ranges – page 20 and 18

Float Switch

Float Switch Ideal for use with Electric Bilge Pumps

- Environmentally friendly - no toxic mercury
- Easy to install mounted on either horizontal or vertical surface (e.g. bulkhead or hull)
- Suitable for installations where amp draw is up to 15 amps
- Compact design
- Can be used as a high water bilge alarm (when vertically mounted)

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Whale Float Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product No.</td>
<td>BE9002</td>
</tr>
<tr>
<td>Voltage D.C.</td>
<td>12V d.c. or 24V d.c.</td>
</tr>
<tr>
<td>Current</td>
<td>Suitable for up to 15 Amps</td>
</tr>
</tbody>
</table>

Suitable for Orca and Supersub Standard Submersible ranges see page 20 and 18

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

Whale supply a wide range of accessories designed specifically for use with Whale Pumps, creating a 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Y Piece Product Code</th>
<th>Pipe Diameter</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YP6130</td>
<td>12.5 mm (1/2&quot;)</td>
<td>Acetal</td>
</tr>
<tr>
<td></td>
<td>YP6114</td>
<td>38 mm (1 1/2&quot;)</td>
<td>Glass-filled Polypropylene</td>
</tr>
</tbody>
</table>

Elbows
- Ideal for use in installations in confined spaces

<table>
<thead>
<tr>
<th>Model</th>
<th>Elbow Product Code</th>
<th>Pipe Diameter</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EB3364</td>
<td>25 mm (1&quot;)</td>
<td>Glass-filled Polypropylene</td>
</tr>
<tr>
<td></td>
<td>EB3488</td>
<td>38 mm (1 1/2&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

Non-Return Valves
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit in-line
- Suitable for use with manual or electric pumps

<table>
<thead>
<tr>
<th>Model</th>
<th>Non-Return Valve Product Code</th>
<th>Pipe Diameter</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LV1215</td>
<td>25 mm (1&quot;)</td>
<td>Glass-filled Polypropylene, Valve: Nitrile®</td>
</tr>
<tr>
<td></td>
<td>LV1219</td>
<td>38 mm (1 1/2&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

Skin Fittings
- Manufactured in strong high quality moulded non-corrosive acetal

<table>
<thead>
<tr>
<th>Model</th>
<th>Skin Fitting Product Code</th>
<th>Diameter Size</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SF5018</td>
<td>16 mm (5/8&quot;)</td>
<td>Acetal</td>
</tr>
<tr>
<td></td>
<td>SF5131</td>
<td>19 mm (3/4&quot;)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SF5204</td>
<td>25 mm (1&quot;)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SF5425</td>
<td>38 mm (1 1/2&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

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

A Comprehensive Range Of Bilge Pump Covers

- Provides a neat cover over manual bilge pumps
- Aesthetic designs
- Manufactured from UV Stabilised plastic
- Will not fade or discolour
- Snap-shut lid remains closed when pump is not in use

<table>
<thead>
<tr>
<th>Deckplate Selector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>DP8904</td>
</tr>
<tr>
<td>DP3804</td>
</tr>
<tr>
<td>DP9905</td>
</tr>
<tr>
<td>DP9906</td>
</tr>
<tr>
<td>AS0356</td>
</tr>
<tr>
<td>AS3020</td>
</tr>
</tbody>
</table>

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

Allows one pump to draw from two locations

- Robust, reliable design
- Teflon® lubricated non-stick operation
- Precision machined for odour-proof seal
- Withstands sewage/black waste, saltwater and bilgewater
- Models available in either 25 mm (1") or 38 mm (1 1/2") 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 or deck pump out

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Diverter Valve</th>
<th>Diverter Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>DV5630</td>
<td>DV5606</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>25 mm (1&quot;)</td>
<td>38 mm (1 1/2&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Main Body: Acetal, Teflon®, Handle: PTFE Polyester</td>
<td></td>
</tr>
</tbody>
</table>

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

Diverter Valve

5 Year Warranty

Diverter Valve

Allows one pump to draw from two locations

- Robust, reliable design
- Teflon® lubricated non-stick operation
- Precision machined for odour-proof seal
- Withstands sewage/black waste, saltwater and bilgewater
- Models available in either 25 mm (1") or 38 mm (1 1/2") 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 or deck pump out

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Diverter Valve</th>
<th>Diverter Valve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>DV5630</td>
<td>DV5606</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>25 mm (1&quot;)</td>
<td>38 mm (1 1/2&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Main Body: Acetal, Teflon®, Handle: PTFE Polyester</td>
<td></td>
</tr>
</tbody>
</table>

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

Bilge Strainers/Strum Boxes

Strainer

3/4" (19mm) Strainer with Multi-Directional Port and Non-Return Valve

Strainer

1" (25mm) 1 1/2" (38mm) Strainers available with top or side entry

Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Top Entry Strainer</th>
<th>Side Entry Strainer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>SB5865</td>
<td>SB4222</td>
</tr>
<tr>
<td>Materials</td>
<td>Polypropylene</td>
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Strainer

1" (25mm) 1 1/2" (38mm) Strainers available with top or side entry

Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Top Entry Strainer</th>
<th>Side Entry Strainer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
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1" (25mm) 1 1/2" (38mm) Strainers available with top or side entry

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Strainer

1" (25mm) 1 1/2" (38mm) Strainers available with top or side entry

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<td>SB4222</td>
</tr>
<tr>
<td>Materials</td>
<td>Polypropylene</td>
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</table>
Whale - Fresh Water Range
For all your freshwater needs on board

Whale’s wide range of freshwater pumps, plumbing and accessories offer you all you need for a smooth and constant freshwater supply on board from water supply to outlet. Our latest innovation the Fresh IC pump monitors the whole system to deliver high performance flow, ideal for a power shower (see page 46-47) 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.

Electric Freshwater Galley Pumps
- **NEW** Fresh IC - Page 46-47
- Universal - Page 48-49
- Accumulator Kits - Page 50-51
- Submersible Impeller Pumps - Page 52-53
- Inline Booster Pumps - Page 54-55

Manual freshwater Galley Pumps
- Hand operated pumps - V pump - Page 56
- Hand operated pumps - Flipper - Page 57
- Foot operated pumps - Gusher Galley - Page 58
- Foot operated pumps - Babyfoot - Page 59
- Foot operated pumps - Tiptoe - Page 60

Faucets and Interior Showers
- ABS tough lightweight range - Elegance faucet range page 62-63 elegance shower range page 68
- Chromed brass - metal faucet range page 64-67, shower range page 69

Deck/ Transom Showers
- **NEW** Twist Deck shower - Page 70-71
- **NEW** Compact Swim ‘n’ Rinse range - Page 72-73
- Swim ‘n’ Rinse - Page 74-75

Accessories
Complete the system with filters, surge dampers, strainers, one way valves and pressure switches - Page 76-77
NEW Fresh IC freshwater power shower pump with intelligent control built in
Prevents rapid cycling without sacrificing flow or performance

Award Winning Design

Robust Industry Approved IP65 Pump

Fully Protected
Integrated electronics intelligent control monitors and responds to variations in the whole system

Easy Install
feet rotate to suit existing installations

Easy Maintenance
easily maintained clear lid for inspection Prevents debris from entering the pump

Please Note:
This is not VSD technology

Easy Install
Quick Connect inlet and outlet ports

This product is protected by the following granted patents: United States Patent No. US 6,840,745; Canadian Patent No. 2 380 466; United Kingdom Patent No. GB 1 222 392; French Patent No. FR 1 222 392; German Patent No. DE 60018089.1 (EP(DE) 1 222 392); and Italian Patent No. IT 1 222 392.
Features and Benefits

- Fresh IC provides a consistent stabilised water system by monitoring flow, energy consumption and back pressure.
- Fresh IC provides 30% more flow and 45% more pressure in a typical shower than VSD pumps*
- The Fresh IC is specifically designed to offer premium flow and pressure in the shower, where you most want it.
- Intelligent Control ensures the pump only turns off when outlets are closed.

* Performance data from Whale in house laboratory versus typical competitors (July 2011)

1 Year Warranty

Awards and Accreditations

- DAME AWARD - Special Mention 2010
- Industry Approved IP65 Pump
- EMC compliant
- CE marked

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76
Whale Quick Connect plumbing - Pipework and fittings – page 84
Bilge IC products - page 16
Grey IC products - page 90-93

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>Fresh IC - Freshwater Pressure Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>FW5082</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td>Open flow rate/minute</td>
<td>13ltrs (3.4 US gals)</td>
</tr>
<tr>
<td>Ingress Protection Rating</td>
<td>IP65</td>
</tr>
<tr>
<td>Recommended Automotive Fuse Size</td>
<td>12 Amp</td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>2.5 mm² (13 AWG)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.90kg (6.6lbs)</td>
</tr>
<tr>
<td>Static System Pressure</td>
<td>2.5 bar (36 psi)</td>
</tr>
<tr>
<td>Maximum Running Pressure</td>
<td>4.4 bar (62psi)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Whale Quick Connect 15mm female.</td>
</tr>
<tr>
<td></td>
<td>For 1/2&quot; (13mm) flexible hose use WX1584 (supplied with retail kit)</td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body: Glass-filled Polypropylene</td>
</tr>
<tr>
<td></td>
<td>Motor Casing: Powder-coated Steel</td>
</tr>
<tr>
<td></td>
<td>Feet, diaphragm &amp; valves: Monoprene®, Santoprene®</td>
</tr>
<tr>
<td></td>
<td>Seals: Nitrile®, Fasteners: Stainless Steel</td>
</tr>
<tr>
<td>Materials in Contact with fluid</td>
<td>Glass-filled polypropylene, Monoprene®, Nitrile®, Stainless Steel, Santoprene®</td>
</tr>
<tr>
<td>Service Kits</td>
<td>AK1319 - Replacement strainer (available separately)</td>
</tr>
</tbody>
</table>

Note: For wiring advice on your installation please contact Whale Support. These parts numbers are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Freshwater Pressure Pump Range
Delivers smooth constant water flow runs dry without damage

- **Reliable performance**
  - high spec motor

- **Extra protected electrics**
  - built in wiring and pressure switch

- **Easy inspection**
  - clear strainer

- **Straight forward installation**
  - connects directly to Whale Quick Connect 15mm Pipework. Fittings also included to easily connect to 3/8” or ½” hose

- **Easy maintenance**
  - strainer with clear lid for inspection prevents debris from entering the pump

- **Smooth constant flow**
  - 4 diaphragm design provides consistent flow

Product code: see table

This product is protected by the following granted patents: United States Patent No. US 6,840,745; Canadian Patent No. 2380 465; United Kingdom Patent No. GB 1 222 392; French Patent No. FR 1 222 392; German Patent No. DE 60018089.1 (EP(DE) 1 222 392); and Italian Patent No. IT 1 222 392.
Features and Benefits

WHY Universal?

- Runs dry without damage
- Self-priming up to 3 m (10 ft)
- Smooth constant flow
- Quiet operation
- Extra protection and safety with wires and pressure switch housed internally
- Adaptors included to install directly to 1/2" / 3/8" hose connections
- Universal mounting arrangement fits any existing installation
- Suitable for use with saltwater and freshwater
- Easy installation - suitable for 15 mm Quick Connect plumbing direct connection

Awards and Accreditations

- EMC compliant
- CE marked
- ISO8846

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, surge dampers and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in - page 46
Whale Quick Connect plumbing - Pipework and fittings – page 84-87

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Open Flow Rate per Minute</th>
<th>Voltage</th>
<th>Recommended Fuse Size</th>
<th>Weight</th>
<th>Hose Connections</th>
<th>Connection to Quick Connect 15 mm Plumbing</th>
<th>Additional Fittings</th>
<th>Minimum Wire Size</th>
<th>Cut Out Pressure</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ltrs (2.2 US gals)</td>
<td>8 ltrs (2.2 US gals)</td>
<td>12 V d.c.</td>
<td>5 amp</td>
<td>2.4 kg (5.3 lbs)</td>
<td>Whale Quick Connect 15 mm Female</td>
<td>For Other Systems - Contact Whale</td>
<td>1/4&quot; BSP Male Adaptors WX1597 x 2 (supplied with pump)</td>
<td>2.5 mm² (13 AWG)</td>
<td>1 bar (15 psi)</td>
<td>Pump Body: Glass-filled Polypropylene, Motor Casing: Aluminium, Power-coated Steel</td>
</tr>
<tr>
<td>12 ltrs (3.2 US gals)</td>
<td>12 ltrs (3.2 US gals)</td>
<td>24 V d.c.</td>
<td>8 amp</td>
<td>2.9 kg (6.4 lbs)</td>
<td>For 1/4&quot; Flexible Hose Use WX1584</td>
<td>NO ADAPTOR REQUIRED</td>
<td>1/4&quot; Flexible Hose Adaptors WX1584 x 2 (supplied with pump)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 ltrs (4.75 US gals)</td>
<td>18 ltrs (4.75 US gals)</td>
<td>12 V d.c.</td>
<td>4 amp</td>
<td>4.1 kg (9 lbs)</td>
<td>NO ADAPTOR REQUIRED</td>
<td>For Whale Quick Connect 15 mm Winch Adaptor</td>
<td>1/4&quot; Flexible Hose Adaptors x 2 (supplied with pump)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Smooth constant flow - prevents water hammering and cycling. One piece kit includes pump and 8 ltr compact accumulator tank.

This integrated kit is a drop into line pre-assembled kit designed to provide a constant reliable flow of water on board.

Save time and money fast installation

8 ltr Accumulator tank combines high capacity and compact size

Easy installation pre-mounted kit 4 screws and connect plumbing

Moulded base drop in and fit one piece kit

Connects directly to 15mm Quick Connect pipework. Suitable to connect to ½" flexible hose or ¾" flexible hose with Whale adaptors (see specifications)
Features and Benefits

- Combined pump and accumulator tank ensures 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 ⅜" pipework
- Connects directly to Whale Quick Connect 15 mm plumbing system
- Can be fitted to new or existing systems
- Includes long life Whale pressure pump

2 Year Warranty

Approvals and Standards

- EMC compliant
- CE marked

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Whale Quick Connect plumbing - Pipework and fittings – page 84-87

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>UF1214</th>
<th>UF1215</th>
<th>UF1825</th>
<th>UF1815</th>
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<tr>
<td>Product Code</td>
<td>UF2014</td>
<td>UF2015</td>
<td>UF8025</td>
<td>UF8015</td>
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<tr>
<td>Accumulator Tank Size</td>
<td>8 ltrs (2.2 US gals)</td>
<td>8 ltrs (2.2 US gals)</td>
<td>8 ltrs (2.2 US gals)</td>
<td>8 ltrs (2.2 US gals)</td>
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<tr>
<td>Open Flow Rate per Minute</td>
<td>12 ltrs (3.2 US gals)</td>
<td>12 ltrs (3.2 US gals)</td>
<td>18 ltrs (4.75 US gals)</td>
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</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
<td>12 V d.c.</td>
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<tr>
<td>Recommended Fuse Size</td>
<td>8 amp</td>
<td>8 amp</td>
<td>8 amp</td>
<td>12 amp</td>
</tr>
<tr>
<td>Weight</td>
<td>5.4 kg (11.9 lbs)</td>
<td>5.9 kg (13 lbs)</td>
<td>5.9 kg (13 lbs)</td>
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<tr>
<td>Hose Connection</td>
<td>Whale Quick Connect 15 mm Female</td>
<td>For ¾&quot; Flexible Hose, Use WX1584 (supplied with kit)</td>
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<td></td>
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<tr>
<td>Connections to Quick Connect 15 mm</td>
<td>NO ADAPTORS REQUIRED</td>
<td>WX1542 (not supplied with kit)</td>
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<tr>
<td>Additional Fittings</td>
<td>WX1587 x 2 - ½&quot; BSP Male Adaptors [supplied with kit]</td>
<td>2 x ½&quot; Flexible Hose Adaptors [supplied with kit]</td>
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<tr>
<td>Minimum Wire Size</td>
<td>2.5 mm (13 AWG)</td>
<td>3 bar (45 psig)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cut Out Pressure</td>
<td>2 bar (30 psig)</td>
<td>3 bar (45 psig)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials in Contact With Fluid</td>
<td>Glass-filled Polypropylene, Monoprene®, Nitrile®, Stainless Steel, Brass</td>
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<td></td>
<td></td>
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<tr>
<td>Factory Pre-charge Pressure</td>
<td>1.4 bar (20 psig)</td>
<td>1.4 bar (20 psig)</td>
<td>2.2 bar (32 psig)</td>
<td></td>
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<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10 ft)</td>
<td>3 m (10 ft)</td>
<td>3 m (10 ft)</td>
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<tr>
<td>Maximum Discharge Head</td>
<td>20 m (66 ft)</td>
<td>20 m (66 ft)</td>
<td>30 m (88 ft)</td>
<td></td>
</tr>
</tbody>
</table>

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

**Submersible Impeller Range**

Whale’s high flow long life submersible impeller galley pumps

- **Simple plumbing** suitable for 10mm (⅜”) or 13mm (½”) flexible hose
- **Watertight electrics**
  - Sonic welded cable connection
- **Simple and compact design**
- **Narrow design**
  - Ideal to drop into your water tank
- **Robust ABS pump housing**
- **Protected strainer** prevents debris entering pump

**Standard Pump 10 LPM**
- Simple, compact and an economical solution
- Ideal for basic, one outlet application

**Premium Pump 13 LPM**
- Reliable, general purpose and suitable for multiple outlets
- Long life, very quiet with low power consumption
- An inexpensive way to update a manual to an electric system

**High Flow Pump 14 LPM**
- Market leading submersible pump for flow performance suitable for showering

---

Product code: see table
Features and Benefits

• Simple, compact economical solution
• Long life, very quiet with low power consumption
• An inexpensive way to update a manual to an electric system
• Choose the pump to suit your freshwater needs on board from 3 flow options
• 12 V d.c. / 24 V d.c. models available
• Compact, quiet, lightweight design suitable for use with pressure switch and microswitch systems
• Also suitable for pumping diesel

1 Year Warranty

Awards and Accreditations

• EMC compliant
• CE marked

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Universal Pressure Pumps – page 48
Whale Quick Connect plumbing - Pipework and fittings – page 84-87

Model Specifications

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12V d.c.</td>
<td>24V d.c.</td>
<td>12V d.c.</td>
</tr>
<tr>
<td>Pump</td>
<td>Sub</td>
<td>Sub</td>
<td>Sub</td>
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<tr>
<td>Submersible Pump Old Code</td>
<td>GP1002</td>
<td>GP1002</td>
<td>GP1002</td>
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<tr>
<td>Submersible Pump New Code</td>
<td>GP1352</td>
<td>GP1352</td>
<td>GP1352</td>
</tr>
<tr>
<td>Fuse Size</td>
<td>5 amp automotive</td>
<td>3 amp automotive</td>
<td>5 amp automotive</td>
</tr>
<tr>
<td>Weight</td>
<td>0.15kg (0.3 lbs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Suitable for 10 mm (3⁄8”) or 13 mm (1⁄2”) Flexible Hose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connection to Quick</td>
<td>Use WX1511B (Stem Adaptor 11 mm-15 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connect Plumbing</td>
<td>Connect WA1004 (15 mm Equal Straight) see page 84-87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials in contact with liquid</td>
<td>Pump Body: ABS, Seals: Nitrile®, Strainer: Polypropylene, Impeller: PET, Cable: PVC</td>
<td></td>
<td></td>
</tr>
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Performance Data

<table>
<thead>
<tr>
<th>Model Head</th>
<th>Flow Rate Per Minute / Current Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 m (0 ft)</td>
<td>Standard 12V d.c.                      12 V d.c.</td>
</tr>
<tr>
<td></td>
<td>10.3 ltrs                             12.2 ltrs        12.2 ltrs        15.8 ltrs</td>
</tr>
<tr>
<td></td>
<td>2.4 amps                              3.6 amps          1.8 amps          3.8 amp</td>
</tr>
<tr>
<td>1 m (3 ft)</td>
<td>8.75 ltrs                             11.75 ltrs        11.75 ltrs        14.8 ltrs</td>
</tr>
<tr>
<td></td>
<td>2.2 amps                              3.3 amps          1.6 amps          3.7 amps</td>
</tr>
<tr>
<td>3 m (9 ft)</td>
<td>5.75 ltrs                             9.75 ltrs          9.75 ltrs          12.8 ltrs</td>
</tr>
<tr>
<td></td>
<td>2.0 amps                              2.9 amps           1.45 amps         3.5 amps</td>
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</table>

Dimensions Table

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<td>Standard</td>
<td>20 mm</td>
<td>88 mm</td>
<td>36 mm</td>
<td>108 mm</td>
</tr>
<tr>
<td>Premium/High Flow</td>
<td>20 mm</td>
<td>109 mm</td>
<td>36 mm</td>
<td>129 mm</td>
</tr>
</tbody>
</table>

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

Note: Each pump performance will depend on the plumbing system and restrictions on outlets in your boat.

Note: Not suitable for petrol, low flash point liquids and aggressive chemicals. This pump must not be used for pumping petrol or any highly inflammable or corrosive liquids.

Note: Not suitable for petrol, low flash point liquids and aggressive chemicals. This pump must not be used for pumping petrol or any highly inflammable or corrosive liquids.

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Universal Pressure Pumps – page 48
Whale Quick Connect plumbing - Pipework and fittings – page 84-87
Whale’s highest flow rate, longest life in line impeller galley pumps - fit in line to increase flow rate

- Simple and compact design
- Watertight electrics - sonic welded cable connection
- Narrow design ideal for tight space
- Robust ABS pump housing
- Easy to connect in line
- Simple plumbing - Suitable for 10mm (3/8”) or 13mm (½”) flexible hose

Product code: see table
Features and Benefits

Compact Electric In-Line Pump

- Simple, compact and an economical solution
- Long life, very quiet with low power consumption
- An inexpensive way to enhance your water system on board
- Choose the pump to suit your freshwater needs on board from 2 flow options
- Lightweight design
- Ideal for pumping freshwater and saltwater
- Straight forward installation - fits unsupported into pipework
- Available in 12 and 24 V d.c. models

1 Year Warranty

Approvals and Standards

- EMC compliant
- CE marked

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Fresh IC freshwater power shower pump with intelligent control built in – page 46
Universal Pressure Pumps – page 48
Whale Quick Connect plumbing - Pipework and fittings – page 84-87
Whale’s manual galley foot pump range – Gusher Galley – page 58, Tiptoe – page 60, Babyfoot- page 59

Model Specifications

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>In-Line Premium</th>
<th>In-Line Premium</th>
<th>In-Line High Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>GP1392</td>
<td>GP1394</td>
<td>GP1692</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>5 amp automotive</td>
<td>3 amp automotive</td>
<td>5 amp automotive</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td>0.15 kg (0.3 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Suitable for 10 mm (1⁄4&quot;) or 13 mm (1⁄2&quot;) Flexible Hose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connect Plumbing</td>
<td>Use WX1511B (Stem Adaptor 11 mm-15 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connect Plumbing</td>
<td>Connect WX1504 (15 mm Equal Straight) see page 84-87 and then 15 mm Plumbing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body: ABS, Seal: Nitrile®, PBT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th>Discharge Head</th>
<th>Flow Rate Per Minute</th>
<th>Current Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 m (0 ft)</td>
<td>13.2 ltrs</td>
<td>13.2 ltrs</td>
</tr>
<tr>
<td></td>
<td>3.6 amps</td>
<td>1.8 amps</td>
</tr>
<tr>
<td>1 m (3 ft)</td>
<td>11.75 ltrs</td>
<td>11.75 ltrs</td>
</tr>
<tr>
<td></td>
<td>3.3 amps</td>
<td>1.6 amps</td>
</tr>
<tr>
<td>3 m (9 ft)</td>
<td>9.75 ltrs</td>
<td>9.75 ltrs</td>
</tr>
<tr>
<td></td>
<td>2.9 amps</td>
<td>1.45 amps</td>
</tr>
</tbody>
</table>

Note: Each pump performance will depend on the plumbing system and restrictions on outlets in your boat.

Note: These specifications are retail items only.

For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.

Warning:

Not suitable for petrol, low flash point liquids and corrosive or aggressive chemicals.

This pump must not be used for pumping petrol or any highly inflammable or corrosive liquids.
Manual Freshwater Galley Pumps

V Pump Mk 6

Narrow mounting base allows installation for use between two sinks

Features and Benefits
Whale manual self priming galley pumps simple hand operated solution for pumping water in the galley
- Ideal where space is limited
- Angled spout and adjustable height provide various options for installation
- Extended spout makes for easy filling of containers
- Capacity 8 ltrs (2.2 US gals) per minute
- Delivers a smooth flow on each stroke
- Useful as a back-up pump or for a simple freshwater supply pump
- Suitable for fresh water and saltwater
- Ideal where space is limited

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>V Pump Mk 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>GP0650</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Suitable for Quick Connect 15 mm Plumbing and 13 mm (1/2&quot;) Flexible Hose</td>
</tr>
<tr>
<td>Weight</td>
<td>0.26 kg (0.6 lbs)</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK0618 - Service Kit for V Pump, Mk 5, Mk 6 Models</td>
</tr>
<tr>
<td></td>
<td>Contains: Diaphragm, Seals, Fasteners</td>
</tr>
<tr>
<td></td>
<td>AS0627 - Clamping Block Assembly</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>4 m (13 ft)</td>
</tr>
<tr>
<td>Maximum Output per Minute</td>
<td>8 ltrs (2.2 US gals)</td>
</tr>
</tbody>
</table>

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

Completing Your System

Freshwater System accessories such as water filters, and pipework connections – page 76-77

You May Also Like

Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Universal Pressure Pumps – page 48
Manual Freshwater Galley Pumps

Flipper Pump Mk 4

Whale manual self priming galley pumps
Simple hand operated solution for pumping water in the galley

Features and Benefits

- Ideal for installing between two sinks - swivelling outlet
- Fine flow control
- Easy operation - Light back & forth pump action
- 7 ltrs capacity (1.85 US gals) per minute
- Fine flow control
- Suitable for fresh or saltwater

5 Year Warranty

COMPLETE YOUR SYSTEM
Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE
Whale water filters – page 76
Fresh IC freshwater power shower pump with intelligent control built in – page 46
Universal Pressure Pumps – page 48

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Flipper Pump Mk 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>GP0418</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Suitable for 13 mm (1/2&quot;) Flexible Hose</td>
</tr>
<tr>
<td>Weight</td>
<td>0.30 kg (0.71 lbs)</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK0405 - Service Kit for Flipper Mk3 and Mk4 Models Contains: Diaphragm, Seals, Screws AS0406 - Flipper Overhaul Kit</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Output</td>
<td>7 ltrs (1.85 US gals) per Minute</td>
</tr>
</tbody>
</table>

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

Note: Not for use in pressurized systems
Manual Freshwater Galley Pumps

5 Year Warranty

Gusher® Galley

The simple solution for fresh water delivery in small galleys

Features and Benefits
Whale manual self priming galley pumps - simple foot operated solution for pumping water in the galley
- Smooth double action
- Self primes and operates dry without damage
- Easy, smooth hands free operation
- Ease of installation - Multi-directional inlet and outlet hose connections
- 3 mounting options (including thru bulkhead)
- Left and right oriented foot lever versions available
- Also ideally used to prime Whale In-Line Booster pumps
- Pumps fresh and salt water
- 15 ltrs (4 US gals) per minute

COMPLETE YOUR SYSTEM
Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE
Whale water filters – page 76
Whale inline booster pumps to fit with Gusher Galley – page 54
Fresh IC freshwater power shower pump with intelligent control built in– page 46
Universal Pressure Pumps – page 48

Note: Not for use in pressurized systems

Gusher® Galley

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gusher® Galley Mk 3</th>
<th>Gusher® Galley Mk 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>GP0550</td>
<td>GP0551</td>
</tr>
<tr>
<td>Lever Mounting</td>
<td>Right</td>
<td>Left</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7 kg (1.5 lbs)</td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>Suitable for Connection to Whale Quick Connect 15 mm Plumbing</td>
<td>13 mm (1/2&quot;) Flexible Hose</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK0553 - Service Kit for Gusher® Galley (suitable for Mk 3 only) Contains: Diaphragm, Valves and Seals</td>
<td>AS0556 - Piston and Operating Kit</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>2 m (7 ft)</td>
<td></td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10 ft)</td>
<td></td>
</tr>
<tr>
<td>Maximum Output per Minute</td>
<td>15 ltrs (4 US gals)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>Babyfoot®</td>
</tr>
<tr>
<td><strong>Product Code</strong></td>
<td>GP4618</td>
</tr>
<tr>
<td><strong>Hose Connections</strong></td>
<td>Suitable for 13 mm (1/2&quot;) Flexible Hose</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.3 kg (0.7 lbs)</td>
</tr>
<tr>
<td><strong>Service Kit</strong></td>
<td>AK4615 - Service Kit for Babyfoot® Pump</td>
</tr>
<tr>
<td>Contains</td>
<td>Diaphragm Valves, O Rings, Spring, Fasteners</td>
</tr>
<tr>
<td><strong>Maximum Suction Lift</strong></td>
<td>1.5 m (5 ft)</td>
</tr>
<tr>
<td><strong>Maximum Discharge Head</strong></td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td><strong>Maximum Output per Minute</strong></td>
<td>8 ltrs (2.2 US gals)</td>
</tr>
</tbody>
</table>

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

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**Features and Benefits**

**Why Babyfoot?**

Whale manual self priming galley pumps - simple foot operated solution for pumping water in the galley
- Smooth and easy operation
- Comfortable to use - angled top section
- Compact for installing in confined spaces
- Ideal as a priming pump for use with Whale in line impeller electric pumps
- The ideal foot pump for a simple freshwater system

---

**COMPLETE YOUR SYSTEM**

Freshwater system accessories such as water filters, and pipework connections – page 76-77

**YOU MAY ALSO LIKE**

Whale inline booster pumps to fit with Babyfoot – page 58
Fresh IC freshwater power shower pump with intelligent control built in - page 46
Universal Pressure Pumps – page 48

---

**Product Information**
Features and Benefits

Why Tiptoe?

Whale manual self priming galley pumps - simple foot operated solution for pumping water in the galley

- Easy, smooth action
- Designed for neat, through-floor mount
- Plunger locks down flush with the floor when not in use
- Comfortable for bare foot use
- 7 ltr (1.85 US gals) / minute capacity
- Suitable for fresh or salt water
- Ideal as a priming pump for use with Whale inline electric impeller pumps

Manual Freshwater Galley Pumps

Tiptoe Pump Mk 4

Self priming foot pump that safely and discreetly fits flush to floor when not in use

Foot pump with smooth operation

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Tiptoe GP1309</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Connections</td>
<td>Suitable for 13 mm (½&quot;) Flexible Hose</td>
</tr>
<tr>
<td>Weight</td>
<td>0.4 kg (0.9 lbs)</td>
</tr>
</tbody>
</table>
| Materials      | Pump Body: Acetal, Nylon, Polypropylene  
Seals: Neoprene, Nitrile®, Phosphor Bronze, Fasteners: Stainless Steel |
| Service Kit    | AK1304 - Service Kit for Tiptoe Mk 3 and Mk 4 Models  
Contains: Washers, Valve Plates, Circlips |

Maximum Suction Lift: 2 m (7 ft)
Maximum Discharge Head: 4 m (12 ft)
Maximum Output per Minute: 7 ltrs (1.85 US gals)

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

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale water filters – page 76  
Whale inline booster pumps to fit with Tiptoe – page 54  
Fresh IC freshwater power shower pump with intelligent control built in- page 46  
Universal Pressure Pumps – page 48

5 Year Warranty

Note: Not for use in pressurized systems
Whale - Faucets, Interior Showers and Deck or Transom Showers

For all your freshwater needs on board

Our extensive marine grade range of faucets and showers ensure that there is a model to suit your boat. The range includes lightweight ABS faucets, high polished chrome finish models, compact and telescopic ranges all in a wide range of outlets. From galley to vanity through to wetbar and deck / transom washdown whale high quality faucets and showers are all manufactured to the highest standards.

The award winning Whale Twist® is a radical innovation in deck shower design with a patented handset with integrated flow and temperature control and innovative housings designed to be quickly and easily fitted where space is limited.

**Faucets and Interior Showers**
- ABS tough lightweight Range - Elegance faucet range - Page 62-63
- Elegance shower range - Page 69
- Chromed brass - metal faucet range - Page 64-67, shower range - Page 68

**Deck/ Transom Showers**
- NEW Twist Deck shower - Page 70
- NEW Compact Swim ‘n’ Rinse range - Page 72
- Swim ‘n’ Rinse - Page 74

**Accessories**
- See Freshwater accessories to complete the system - Page 76-77
Lightweight and durable ABS faucets
Ideal for tight spaces

- Galley and vanity models available
- Bright white crisp clean finish
- Separate temperature controls for easy mixing to the right temperature
- Ergonomic easy grip controls
- Suitable for connecting to ⅜"/½" hose or easily to Whale Quick Connect 15mm (with adaptors available separately - see specifications table 63)
- 100% virgin robust ABS materials moulded and quality inspected in Whale’s in house injection moulding facility
Features and Benefits

• Robust ABS construction
• Designed for use with all types of galley pumps
• Easily connects to Whale Quick Connect 15 mm pipework to either ⅜" or ½" hose connections
• Standard and extended spout models available
• Choice of single or mixer faucets
• Over 30 years experience - designed, refined and made in our UK facility since the early 1980s

1 Year Warranty

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale Twist® - Deck Shower with integrated Temperature and Flow Controls – page 70
Swim ‘n’ Rinse– deck shower – The classic transom Shower – page 74
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Whale chromed brass Faucets and showers – page 64 and 69

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>RT1210</th>
<th>RT2210</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Single Faucet</td>
<td>Mixer Faucet</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Cold Only</td>
<td>Standard Outlet</td>
</tr>
<tr>
<td><strong>Hose Connections</strong></td>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td><strong>Materials in Contact</strong></td>
<td>ABS, Spout and Valves: Acetal, Seats: Neoprene</td>
<td></td>
</tr>
<tr>
<td><strong>Base Plate (mm)</strong></td>
<td>113 x 55 (4 ⅜&quot; x 2 ⅛&quot;)</td>
<td>171 x 62 (6 ⅜&quot; x 2 ⅛&quot;)</td>
</tr>
<tr>
<td><strong>Depth Beneath Surface</strong></td>
<td>60 mm (2¼&quot;)</td>
<td>60 mm (2¼&quot;)</td>
</tr>
<tr>
<td><strong>Connection to Quick Connect 15 mm</strong></td>
<td>WX1532</td>
<td>WX1532</td>
</tr>
<tr>
<td><strong>Connection to 13 mm ½&quot; Flexible Hose</strong></td>
<td>WX15948B</td>
<td>WX15948B</td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
High quality polished chromed brass faucet range - 3 ranges

- **Modern Scandinavian style faucets**
  - high quality chrome finish and modern styling - see page 65

- **Compact Range**
  Make the most of your space on board with these slim - see page 66
  - line faucets

- **Telescopic Range - Ideal for tight spaces** - see page 65

---

**Metal Faucet Range**

Modern design
- total flow control

Easy adjust
simple lever style

High polish chromed finish

Chromed brass
Marine grade materials

Range includes choice of outlets

Simple plumbing
- ½" BSP threaded hose connections
  - connect to ¾", ¾" or 15 mm
Quick Connect Plumbing

Product codes: See table
Features and Benefits

- High quality chromed brass polished finish - high shine finish
- Easy to use single lever swivel to adjust temperature and flow
- 100% marine grade materials
- Ease of Maintenance - high quality Ceramic valves in mixer units
- Easy connection into ½" pipework / Quick Connect 15 mm pipework

1 Year Warranty

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale Twist® - Deck Shower with integrated Temperature and Flow Controls – page 70
Swim ‘n’ Rinse – deck shower – The classic transom Shower – page 74
Fresh IC freshwater power shower pump with intelligent control built in - page 46
Elegance – lightweight ABS faucet and shower range 62
Whale showers – page 68

Product Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Galley Cold Only</th>
<th>Pull Out Galley</th>
<th>Galley Mixer</th>
<th>Vanity Mixer</th>
<th>Shower Mixer</th>
<th>Washdown bib/ spigot</th>
<th>Wet bar</th>
<th>Bait station</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT1111</td>
<td>Single Lever Galley mixer (chrome)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT1211</td>
<td>Single Lever mixer (chrome) - Swan Neck Galley</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT1311</td>
<td>Single lever mixer - Vanity (chrome)</td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>TT1411</td>
<td>Single Lever Shower mixer (chrome)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>TT4180B</td>
<td>Compact Range - Pull Out galley mixer (chrome)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TB4111</td>
<td>Shower Handset - riser rail and hose (chrome)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FT1276</td>
<td>Tuckaway Faucet angled with on/off control</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>FT1160</td>
<td>Telescopic Faucet with on / off control</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>FT1152</td>
<td>Telescopic control (outlet only)</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>TB4110</td>
<td>Compact Range - Single faucet cold only with valve (chrome)</td>
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<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>TB4112</td>
<td>Compact Range - Mixer Faucet</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT4180B</td>
<td>Compact Range - Pull Out galley mixer (chrome)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TB4172</td>
<td>Compact range - washdown bib/ spigot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TB4170</td>
<td>Compact Range - Washdown trigger handset</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes: TT models - come with swivelling mixer faucet, Supplied with ½" BSP faucet tails and Securing Kit: Rubber C washer, metal C clamp, threaded bar with nut and sealing O ring
Compact TB range - comes with ⅜" threaded connections (connection to 15mm Whale Quick Connect Plumbing = use WX1532 adaptor ½" BSP)
Tuckaway / Telescopic FT Models - ½" / 13mm connections - suitable only for non-pressurized systems
NOTE: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support
Compact Range

Make the most of your space on board with these slim-line faucets

High Quality Faucet and Shower Range

Metal Faucet Range

TB4112

Side View

Front View

TB4112

32mm (1 1/4”)

146mm (5 3/4”)

178mm (7”)

TB4110

Side View

Front View

TB4110

32mm (1 1/4”)

89mm (3 1/2”)

127mm (5”)

178mm (7”)

32mm (1 1/4”)

146mm (5 3/4”)

178mm (7”)

89mm (3 1/2”)

127mm (5”)

32mm (1 1/4”)

146mm (5 3/4”)

178mm (7”)

89mm (3 1/2”)

127mm (5”)
High Quality Polished Chromed Brass Faucet Range
Modern Scandinavian - modern styling

Telescopic Range Ideal for Tight Spaces
High Quality Faucet and Shower Range

Interior Showers - Chromed Brass

High quality polished chrome finish
Modern Scandinavian style chromed brass faucet interior shower
Pull out ideal for tight spaces

Features and Benefits

Why Whale Chromed Brass Showers?
• High quality chromed brass polished finish
• Easy to use single lever swivel to adjust temperature and flow
• Straightforward plumbing - Supplied complete with ½" faucet tail connections and securing kit
• Save space with our pull out mixer
• Scandinavian minimalist designs

Product Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT8011</td>
<td>Modern single lever style - chromed brass internal shower - mixer, hose, handset and riser rail Overall length: 600mm (23 ½&quot;) Distance between mounting holes: 538mm (21 ⅞&quot;)</td>
</tr>
<tr>
<td>TT4180</td>
<td>Modern single lever style - chromed brass mixer pull out galley mixer (chrome) ½&quot; BSP</td>
</tr>
</tbody>
</table>

Tips
To maintain polished chrome finish, simply wash down with clean soapy water only, as abrasive cleaning agents may cause damage.

COMPLETE YOUR SYSTEM
Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE
Whale Twist® - Deck Shower with integrated temperature and flow controls – page 70
Fresh IC freshwater power shower pump with intelligent control built in – page 46
Whale chromed brass faucets and showers – page 64-68
Features and Benefits

Why Elegance Pull Out shower?
Robust ABS construction
Design for use with all types of galley pumps
Connects to Whale Quick Connect 15 mm pipework/ \( \frac{3}{8}'' \) or \( \frac{1}{2}'' \) hose connections
Choice of single or mixer faucets
Over 30 years experience - designed, refined and made in our UK facility since the early 1980s

Lightweight and durable ABS showers
marine grade materials
Ideal for tight spaces

1 Year Warranty

MODEL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT2498</td>
<td>Mixer Combination Faucet / Shower</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Code</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shower Riser Bar (for use with RT2498)</td>
<td>RT1770</td>
<td></td>
</tr>
<tr>
<td>Shower Wall Bracket (for use with RT2498)</td>
<td>RT1270</td>
<td></td>
</tr>
<tr>
<td>Replacement Microswitch Kit</td>
<td>RT2000</td>
<td></td>
</tr>
<tr>
<td>Replacement Handset 1/2'' BSP Threaded (white)</td>
<td>AS5123</td>
<td></td>
</tr>
<tr>
<td>Replacement Hose Assembly 1.7 m (5 9/16 ft) Long (white)</td>
<td>AS5146</td>
<td></td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
12mm faucets are now replaced by \( \frac{1}{2}'' \) connections models see table. AS5123 - handset 12mm, AS5145 12mm connection shower hose available.
NEW Whale Twist® Deck Shower with integrated Temperature and Flow Controls

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.

A radical innovation in deck showers putting control in your hands

Unique Whale Twist® Handset

- Deck Protect® End Cap
  Prevents damage to gel coat
  Splash-proof seal

- Easy clean
  Clear nozzles

- Ease of use
  Twist control

- Maintenance-free
  Ceramic valve technology

- Simple plumbing
  Patented D hose

Ease of Installation
- Compact unobtrusive housing
- Only one circular hole to cut and simple plumbing connection

Long life
Marine-grade materials

How to use
- Pull gently from housing
- Twist to adjust temperature and flow

ACCESSORIES - For deck showers
AK0015 Twist stowage bag
  - for neat stowage of DS0005/ DS0006

Note - this product is only suitable for use with 2.5 metre (8.2 ft) hose Twist® models

Typical Installation

AWARD WINNING DESIGN
Institute of Designers in Ireland - Product Design Award

Product codes:
DS0005 Cold only
DS0006 Mixer
Features and Benefits

Unique Integrated Handset
- Incorporates shower temperature and flow controls
- Easy to use-streamlined ergonomic design
- High quality UV resistant ASA materials

No Lids or Covers
- Deck Protect® End Cap creates a splash-proof seal

Mounts in Convenient Locations
- Housing options offer a choice of horizontal or vertical mounting on a flat or curved surface

Ease of installation
- The new Whale Twist® Deck Shower is quick and easy to install. It is available with either a chrome straight housing, or a white angled housing

Plumbing
- All Whale Twist® Deck Shower models are easy to plumb. Mixer models include a temporary shut off valve as standard.

1 Year Warranty

Award Winning Design
- IDI Award - Institute of designers in Ireland
- Product design award winner
- DAME Innovation Awards 2007
- Special mention

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Fresh IC freshwater power shower pump with intelligent control built in - page 46
NEW Supersub Smart – Narrow low profile Automatic Bilge Pumps – page 12
Whale faucets and showers – pages 62-75

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Whale Twist® DS0005 cold only</th>
<th>Whale Twist® DS0006 mixer hot &amp; cold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>130 g (0.3 lbs) / 200g (0.45 lbs)</td>
<td></td>
</tr>
<tr>
<td>Hose Length</td>
<td>2.5 m (8.2 ft)</td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>½” threaded connections</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Handset - ASA, Internal parts - TPE, Nitrile®, POM, Hose - Reinforced Polyurethane, Hose connections - PBT, End Cap - Chromed ABS, Straight Housing - Chromed ABS, glass-filled Polypropylene, Angled Housing - ASA, Screws and Hose Clips - Stainless Steel</td>
<td>Whale Twist® Deck Shower Cold only (Pale grey / white) with 2.5 m (8.2ft) white hose. Includes straight housing (chrome) and angled housing (white) options</td>
</tr>
</tbody>
</table>

Whale Twist® Retail packed models (individual carton)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS0005</td>
<td>Whale Twist® Deck Shower Cold only (Pale grey / white) with 2.5 m (8.2ft) white hose. Includes straight housing (chrome) and angled housing (white) options</td>
</tr>
<tr>
<td>DS0006</td>
<td>Whale Twist® Deck Shower - Mixer (Pale grey / white) with 2.5 m (8.2ft) white hose. Includes straight housing (chrome) and angled housing (white) options</td>
</tr>
</tbody>
</table>

Note: Retail packed models include plumbing connections for 15 mm Whale Quick Connect or ½”, threaded connections

The Whale Twist® Deck Shower is protected by the following patent and design registration applications:

- Patents pending in Europe EP 2171164, EP 2179006, the USA (US 20100294986), and Australia (AU201002949861, AU20100091307)
- Registered Community Design Nos 000059567-0001,0002,0003
- United States Design Patents USD 588883 & USD 583012
- Canadian Registered Design Nos 124293 & 124294
- Australian Registered Design Nos 319453 & 319459

WHALE TWIST® and DECK PROTECT® are trade marks of Munster Simms Engineering Limited (also trading as Whale Water Systems).

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Swim ‘n’ Rinse Compact Deck/Transom Shower Range

Whale Swim ‘n’ Rinse Compact Shower Stainless steel covers (hot and cold mixer)

Ideal for installation where space is limited on deck and behind the bulkhead. Simply swim and rinse without wasting water.

- Sleek cover - for a neat finish on deck
- Long Life UV resistant ABS housing is designed and tested to withstand extreme marine conditions
- Easy use controls even with soapy hands

NEW Whale Swim ‘n’ Rinse Compact Shower with Rubber cover (cold only)

- Lightweight handset will not damage the gel coat if dropped on deck
- Save water on board – one touch trigger handset to conserve water during showering

Product code: see table

72
Features and Benefits

• Press trigger to only use the water you need
• Crisp and clean - chrome and white finish
• Extra long hose allows you to fit in most convenient location on deck
• Highest quality finish - marine grade stainless steel or UV stabilized PVC cover options
• Simple installation - standard size circular holes to drill
• Standard connections - suitable for ⅜" BSP threaded connections/ Whale Quick Connect 15mm plumbing

1 Year Warranty

COMPLETE YOUR SYSTEM

Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE

Whale Twist® - Deck Shower with integrated temperature and flow controls – page 70
Swim ‘n’ Rinse– deck shower – The classic transom Shower – page 74
Fresh IC freshwater power shower pump with intelligent control built in - page 46
Universal Pressure Pumps – page 48
Whale faucets and showers – page 62-75

Product Information

Whale Swim ‘n’ Rinse Compact Shower Stainless steel covers (hot and cold mixer)

Whale Swim ‘n’ Rinse Compact Shower Rubber cover (cold only)

Model Specifications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Whale Swim ‘n’ Rinse Compact Shower</th>
<th>Whale Swim ‘n’ Rinse Compact Shower</th>
</tr>
</thead>
<tbody>
<tr>
<td>RT2968</td>
<td>Shower Handset</td>
<td>Shower Handset</td>
</tr>
<tr>
<td>RT2978</td>
<td>Shower Handset</td>
<td>Shower Mixer</td>
</tr>
<tr>
<td>RT3000</td>
<td>Shower Handset</td>
<td></td>
</tr>
</tbody>
</table>

| Description | Horizontal mount holder with stainless steel cover | Vertical mount with stainless steel cover | White and Chrome with angled holder and one touch trigger handset |
| Diameter of mounting hole | 80mm (3 ⅛") | n/a | 2.6m (8.5ft) |
| Hose length | 2.1m (7ft) | n/a | 2.6m (8.5ft) |
| Hose Connections | ⅜" BSP Threaded Male Female ½" threaded connections ⅛" threaded adaptor | ½" adaptor x ⅛" female adaptor | ½" adaptor x ⅛" female adaptor |
| Depth Behind the Surface | 200mm (7. ⅝") | 60mm (2 ⅛") | 150mm (5 ⅜") |
| Weight | 0.8kg (1 ¾ lbs) | n/a | 0.535kg (1.1 lbs) |
| Materials | Mixer valve and handset: chrome plated brass housing UV stabilized Polypropylene, Cover and fixings Stainless steel | Internal components - Hostaform, stainless steel 304, housing UV stabilized Polypropylene, PVC Cover - UV stabilised PVC, fixings - stainless steel |
| Colour | chrome and white | | |

To connect to Whale Quick Connect 15mm Plumbing

WX1583B

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Maximum cold water pressure 2 bar (30 psi)
Swim ‘n’ Rinse Transom Shower

The classic design in deck showers for easy washdown on the transom after swimming. Simply swim and rinse without wasting water.

Save water on board - Simply use the hot and cold controls - mix perfect temperature then close the rose handset to conserve water supply during showering

Lightweight handset will not damage the gel coat if dropped on deck

Sleek cover - for a neat finish on deck - with brilliant dream white match

Easy use controls even with soapy hands - to set ideal temperature

Robust ABS housing is designed and tested to withstand extreme marine conditions - long life UV resistant

Standard connections - ½" connections/ suitable for Whale Quick Connect 15mm plumbing

Product code: see table
Features and Benefits
Lightweight and durable ABS exterior shower range - add a touch of luxury on board

- Designed for easy rinse down after swimming
- Fit in convenient locations on deck - extra long 2.1 m (7 ft) hose
- Save water on board - On/off control on shower handset allows you to set temperature and only use the water you need
- Neat hinged cover with latch to close
- Blends in on deck - White high shine finish matches the gel coat
- Available with/without cover
- Straight forward installation - simple connection to either Quick connect 15mm pipework/ ½” hose connection

1 Year Warranty

COMPLETE YOUR SYSTEM
Freshwater system accessories such as water filters, and pipework connections – page 76-77

YOU MAY ALSO LIKE
Whale Twist® - Deck Shower with integrated Temperature and Flow Controls – page 70
Swim ‘n’ Rinse Compact – deck shower – Ideal where space is limited on deck – page 72
Fresh IC freshwater power shower pump with intelligent control built in- page 46
Universal Pressure Pumps – page 48
Whale® water filters – page 76

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
<th>Cold Only (no cover)</th>
<th>Cold Only (cover included)</th>
<th>Hot and Cold Mixer (no cover)</th>
<th>Hot and Cold Mixer (cover included)</th>
<th>Hot and Cold Mixer (lockable cover included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>RT1648</td>
<td>RT1649</td>
<td>RT2648</td>
<td>RT2658</td>
<td>RT2662</td>
</tr>
<tr>
<td>Colour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base Plate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth Beneath Surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connection to Quick Connect 15 mm Plumbing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose Length</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Complete Your System
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 with highest quality at heart. Combine these accessories with your whale water pump for a home from home water supply on board.

Need specific advice on your freshwater system? Contact our technical team at Whale support
See below for a full list of accessories

Inline Water Filters

Aquasource Clear Water Filter
For refreshing tasting water on board
- silverised carbon filter - removes nasty tastes and smells
- connects directly to 15mm Quick Connect Plumbing/ ½” (13mm) flexible hose (using stainless steel hose clips)
- Note - this is not a bacterial filter

Inline Pressure Switch

For use with submersible or in line self venting pumps in a pressurized water system
- Controls the pump by sensing changes in system pressure.
- Current rating = 10amp: 12 V d.c. systems / 5 amp : 24 V d.c. systems
- 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

Inlet Strainer Replacement
Suitable for Fresh IC - page 46, and Universal freshwater pumps- page 48
**Expansion Vessels**

**Surge Damper**
For a smooth constant water supply
- Capacity = 150ml (1/4 pint)
- Max. pressure 4 bar (60 psi)
- connects directly to 15mm Quick Connect Plumbing/½” 13mm flexible hose (using stainless steel hose clips)
- note - connect as close to the outlet of the pump as possible or as close to the outlet side of the pressure switch (if fitted)

**Pipework Connections**

**One Way Check Valves**
for 13mm (½") flexible hose (white)
fit in line 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

**Hose Fitting Y-piece 13mm (½") - acetal**
Ideal to simplify pipework connections from 2 pumps

**Accessories for Taps and Showers**

**Microswitch Kit**
(for Elegance range and Swim ‘n’ Rinse page 62-63, 68 and 75)

**AK0015 Accessories - For deck showers**

**Twist stowage bag**
- for neat stowage of DS0005/ DS0006 - page 70
Note - this product is only suitable for use with 2.5 metre (8.2 ft) hose Whale Twist® models)
Our washdown pumps have been refined, tested and proven for decades. Easy to use products that deliver great performance to washdown your deck.

**Washdown**
- Saltwater Washdown Kit - High capacity washdown pumps and trigger handset kits - Page 80-81

**Portable Washdown and Boat Cleaning**
- Portable Pump Kit - The versatile solution for deck washdown or boat cleaning - Page 82

**Accessories**
- See Freshwater accessories to complete the system - Page 76-77
Note - for washdown faucets see page 64-67
**Saltwater Washdown Kit**

**Saltwater Washdown pump and trigger kit**
Pump and trigger handset in one easy fit kit delivers high pressure targeted flow

- **Easy to use trigger handset**
- **Straight forward installation connects directly to Quick Connect / 19mm (¾”) flexible hose**
- **Easy maintenance strainer with clear lid for inspection prevents debris from entering the pump**
- **Adaptable 4 feet rotate to suit existing installation**
- **High capacity pressure pump**

Product code: see table
**Features and Benefits**

**TRIGGER**
- Trigger handset with adjustable jet and lockable lever
- Lock/unlock lever to conserve water
- Comfortable trigger design
- Simple push in hose fitting with dry decoupling valve

**PUMP (also available separately)**
- High pressure pump - smooth constant flow
- Self-priming up to 3 m (10 ft)
- Internal pressure switch - Extra protection and safety with wires
- Pumps universal mounting arrangement fits any existing installation
- Suitable for use with saltwater and freshwater
- Reliability - Runs dry without damage

---

**Performance Data**

<table>
<thead>
<tr>
<th>Model</th>
<th>Washdown pump and trigger kit (12V d.c.)</th>
<th>Washdown pump and trigger kit (24V d.c.)</th>
<th>Washdown Pump 18 ltr (4.8 US gals) (12V d.c.)</th>
<th>Washdown Pump 18 ltr (4.8 US gals) (24V d.c.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>WD1815</td>
<td>WD1825</td>
<td>UF1815</td>
<td>UF1825</td>
</tr>
<tr>
<td>Flow Rate / min</td>
<td>18 ltrs (4.8 US gals)</td>
<td>18 ltrs (4.8 US gals)</td>
<td>18 ltrs (4.8 US gals)</td>
<td>18 ltrs (4.8 US gals)</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
</tr>
<tr>
<td>Recommended Fuse Size (automotive)</td>
<td>12 Amp</td>
<td>8 Amp</td>
<td>12 Amp</td>
<td>8 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>3.2kg (7 lbs)</td>
<td>2.9kg (6.4 lbs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inlet/Outlet size</td>
<td>¾”/19mm Male thread</td>
<td>¾”/19mm Male thread</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Handset connections</td>
<td>Click fit trigger snap in joint</td>
<td>Click fit trigger snap in joint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cut out pressure</td>
<td>3 bar (45 psi)</td>
<td>3 bar (45 psi)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semirigid pipework system connections</td>
<td>For Quick Connect 15mm Use WX1542 (available separately)</td>
<td>For Quick Connect 15mm Use WX1542 (available separately)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional fittings</td>
<td>¾” Flexible Hose adaptors qty 2 and ½” adaptors qty 2 (included)</td>
<td>¾” Flexible Hose adaptors qty 2 and ½” adaptors qty 2 (included)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body: Glass-filled Polypropylene, Motor Casing: Aluminium, Power-coated Steel</td>
<td>Pump Body: Glass-filled Polypropylene, Motor Casing: Aluminium, Power-coated Steel</td>
<td>Replacement head service kit AK1316 (available separately)</td>
<td>Replacement head service kit AK1316 (available separately)</td>
</tr>
<tr>
<td>Materials in contact with fluid</td>
<td>Glass filled polypropylene, Monprene®, Santoprene®, Nitrile®, stainless steel</td>
<td>Glass filled polypropylene, Monprene®, Santoprene®, Nitrile®, stainless steel</td>
<td>Strainer replacement AK1329 Microswitch AK1317</td>
<td>Strainer replacement AK1329 Microswitch AK1317</td>
</tr>
<tr>
<td>Maximum Wire Size</td>
<td>2.5mm² (13 AWG)</td>
<td>2.5mm² (13 AWG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Discharge head</td>
<td>30 m (98 ft)</td>
<td>30 m (98 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum HT</td>
<td>3m (10 ft)</td>
<td>3m (10 ft)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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**Awards and Accreditations**
- IP65 rated
- CE marked
- ISO 8846

**COMPLETE YOUR SYSTEM**
See page 76-77 for freshwater system accessories

**YOU MAY ALSO LIKE**
- Twist Deck Shower with integrated temperature and flow controls – page 70
- Swim in rinse deck shower with flow control at the handset to conserve water – page 74
- Washdown spigot – faucet page 64
- Portable pump kit – page 82

---

**2 Year Warranty**

---

**Typical Installation**

---

**Product Information**

---

**81**
Washdown

Portable Pump Kit

Self-Venting Portable Pump Kit
The Versatile Portable Pumping Solution!

Features and Benefits

• Wash down your boat
• Great performance and low voltage 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

The kit now includes

• Low voltage high flow submersible pump
• Nozzle with adjustable on/off, fine spray or a jet of water
• 3.75m (12.5 ft) food quality clear hose
• 3.75m (12.5 ft) cable with battery clips and cigar lighter connector

1 Year Warranty

Awards and Accreditations

• CE marked

COMPLETE YOUR SYSTEM

See page 76-77 for freshwater system accessories

YOU MAY ALSO LIKE

Twist Deck Shower with integrated temperature and flow controls – page 70
Swim ’n’ Rinse deck shower with flow control at the handset to conserve water– page 74
Washdown spigot –faucet page 64
Saltwater Washdown Pump and trigger kit – page 80

WARNING

Note: Not suitable for petrol, low flash point liquids and aggressive chemicals. This pump must not be used for pumping petrol or any highly inflammable or corrosive liquids.
Locker Doors / Deck Hatches

Watertight Locker Doors / Deck Hatches

Keep storage areas dry with our watertight robust designs – tried, tested and trusted for decades

Features and Benefits

Provide Easy Access To Storage Space
Aluminium Models - Suitable For Sandy Environments
TCL2
• Robust aluminium construction with locking lever ideal for harsh marine environments
TCL3
• Robust aluminium ring with durable plastic cover
• Ideal for narrow bulkheads
• Quick release camlock cover allows easy access to storage areas
Polycarbonate Models
TCL 4
• Reliable watertight seal
• TCL 4 Clear - allows easy inspection without having to open the locker

Watertight seals
Easy inspection
- Models with clear hatch available
Durable
- manufactured from robust materials

1 Year Warranty

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>TCL2</th>
<th>TCL3</th>
<th>TCL4</th>
<th>TCL4 Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>LD2000</td>
<td>LD3000</td>
<td>LD4000</td>
<td>LD4002</td>
</tr>
<tr>
<td>Diameter</td>
<td>236 mm (9 1⁄4&quot;)</td>
<td>Not Applicable</td>
<td>236 mm (9 1⁄4&quot;)</td>
<td>236 mm (9 1⁄4&quot;)</td>
</tr>
<tr>
<td>Aperture</td>
<td>179 mm (7&quot;)</td>
<td>143 mm x 82.5 mm (5 1⁄4&quot; x 1&quot;)</td>
<td>179 mm (7&quot;)</td>
<td>179 mm (7&quot;)</td>
</tr>
</tbody>
</table>

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

YOU MAY ALSO LIKE

Twist Deck Shower with integrated temperature and flow controls – Page 70
Fresh IC freshwater power shower pump with intelligent control built in - page 46
Supersub Smart – the automatic narrow low profile electric bilge range – page 12

Keep storage areas dry with our watertight robust designs – tried, tested and trusted for decades

What the customers say

“Your deck hatches did the job perfectly, our deck storage areas stayed perfectly dry...”

Cath Allaway – Extreme Rowing Expedition
Quick Connect Plumbing System

Whale Quick Connect fittings ensure a high integrity, reliable, plumbing system solution, specifically designed for use in mobile applications.

Save Time and Money by Using Whale Quick Connect

Fittings and pipework design ensures easy installation and re-usability of components. The simple two step installation procedure does not require special tools to make a watertight connection.

Features and Benefits

- Unique ‘Double Gripper’ design provides secure lifelong pipework retention even at excessive pressures
- The innovative ‘cage collet’ eliminates leaks where fittings are installed close to tight bends
- Collet has internal support ring ensuring o ring seal is held in position and does not distort or leak under pressure
- High integrity single piece moulding improves the strength of the fittings
- Outer sleeve incorporates collet cover, thus preventing accidental pipework release
- Collet clips are not necessary and therefore reduce installation time
- 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

Whale Quick Connect colour coded semi-rigid pipework is available in 12 mm, 15 mm, and 22 mm sizes in standard or high performance (Whalex) PE materials. The pipework’s flexibility enables tight bends to be formed, hence reducing both the number of fittings and time required at installation. Whale Quick Connect semi-rigid pipework offers the integrity of metal, but the usability of plastic, and is fully tested and recommended for use with the complete range of Whale fittings (see pages 86 and 87).

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 installations. This reduces the number of fittings required and the cost of the total water system.

<table>
<thead>
<tr>
<th>Whale Tubing</th>
<th>Minimum Bend Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>15mm</td>
<td>75mm</td>
</tr>
</tbody>
</table>

Installation Guide

Step 1  Cut pipework to length by making a straight clean cut using Whale cutters WX7950 (WX7951-USA only) (see fig.1)
Step 2  Simply push the pipework length into the fitting to the second internal stop (see fig. 2)
Step 3  To release pipework: Push back the grey collet into the fitting, then hold the collet in and pull out the pipework length (see fig. 3 and 4)
Minimum Storage Temperature
The minimum dry storage temperature is -40 ºC (-40 ºF)

Note: It is vital that the system is fully winterized to prevent frost damage.

WARNING: Temperature Settings – To prevent scalding, (regardless of the water heating method or the control devices used), the temperature for the hot water supplied to the faucets and showers should be controlled in the range of 43 ºC to 60 ºC (110 º F to 140 º F) with a fail safe set at 82 ºC (180 ºF).

CAUTION: Ideally, the temperature should be set at 46 ºC (115 ºF) for health and safety reasons, higher settings will increase the risk of scald injury. Those at greatest risk of scald injury include children, the elderly, disabled, and diabetics.

Fail Safe Controls

WARNING: In a typical marine installation, it is vital to incorporate primary and fail safe controls for water temperature and pressure. Please see list below:

PRIMARY CONTROLS:
Thermostatic Mixer Valve: WX1599
Pressure Switch: WU7207(B) - In-Line Pressure Switch or included in the Universal Pressure Pump (see page 76)
Pressure Regulator: WX1595B - Pressure Relief Valve - 6 bar ‘½” Female
Expansion Vessel: Accumulator Tank

FAIL SAFE CONTROLS:
WX1595B - Pressure / Temperature Relief Valve
(For typical installation of these necessary controls see page 49)
(For a full list of our part numbers see pages 86-87)
(For advice on specific installation requirements contact Whale - see contact details)

Note: The patented Whale Plumbing System is specifically designed to be use in "mobile" applications. Whale Quick Connect fittings and Whalex pipework (any) are covered for 10 years from date of purchase (except WX1599). For use with Whale plastic tubing and grooved stems only.
Quick Connect Pipework and Fittings

**15 mm**

- WX1502(B) 15 mm Equal Tee
- WX1503(B) 15 mm Equal Elbow
- WX1504(B) 15 mm Equal Straight
- WX1508B End Plug (Brass)
- WX1509B Stem Adaptor 12 mm – 15 mm
- WX1511B Stem Adaptor 11 mm – 15 mm
- WX1520B Adaptor 15 mm Female 15 mm Compression Fitting (Brass)
- WX1521(B) Stem Tee
- WX1522(B) Stem Elbow
- WX1546B End Stop
- WX1571(B) 3 Way Valve (Brass)
- WX1573B Shut-off Valve (Brass)
- WX1574(B) Shut-off Valve
- WX1575B Stem Shut-off Valve (Brass)
- WX1576B Stem Shut-off Valve
- WX1577B Stem Ice Maker Fitting (Brass)
- WX1578B Stem Ice Maker Fitting With 15 mm Equal Tee (Brass)
- WX1582(B) Check Valve - Non Return Valve (Brass)

**Threaded 3/4”**

- WX1516B Adaptor 3/4” BSP Male
- WX1542(B) Adaptor 3/4” BSP Female
- WX1552B Adaptor 3/4” Garden Hose Thread (Green) Female
- WX1568B Adaptor 3/4” Male - 1/2” Male (Brass)

**Threaded 1/2”**

- WX1587(B) Stem Adaptor 1/2” BSP Male - 15 mm
- WX1573B Stem Adaptor 1/2” Female (Brass)
- WX1563(B) Stem Adaptor 1/2” NPT Male (Brass)
- WX1583B Adaptor 1/2” BSP Male

**Threaded 1/4”**

- WX1080B Adaptor 1/4” BSP Male - 10 mm Compression Fitting (Brass)
- WX1513B Adaptor 1/4” NPT Male (Brass) - 15 mm
- WX1514B Adaptor 1/4” BSP Male - 15 mm
- WX1515(B) Faucet Tail Assembly Adaptor 1/4” BSP Male - 15 mm
- WX1519B Flexible Heater Connector 1/4” NPT Male 1/4” BSP Female Length - 350 mm (14”)
- WX1531(B) Elbow Adaptor 1/4” BSP Female - 15 mm
- WX1532(B) Adaptor 1/4” BSP Female - 15 mm
- WX1533B Adaptor 1/4” BSP Female (Brass) - 15 mm
- WX1536B Adaptor 1/4” BSP (Green) (Short Wings) Female
- WX1538(B) Adaptor 1/4” NPT Male (Brass)

**Threaded 3/8”**

- WX1578(B) Adaptor 3/8” BSP Male
- WX1567B 3/8” NPT Male - 1/2” BSP Male Shower Bulkhead Adaptor (Brass)
- WX1587(B) Stem Adaptor 1/2” BSP Male - 15 mm

Part Numbers Explanation:

- B Suffix: refers to items available only in bulk packed quantities for high volume production OEM use
- (B) Suffix: refers to items available in either retail packaging (e.g. WX1502) or in bulk packed quantities for high volume production OEM use (e.g. WX1502B).
### Flexible Hose Fittings 1/2"

<table>
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>WX1544(B)</td>
<td>1/2&quot; Hose Connector (Brass)</td>
</tr>
<tr>
<td>WX1584(B)</td>
<td>Stem Adaptor 1/2&quot; Flexible Hose Male</td>
</tr>
<tr>
<td>WX1585B</td>
<td>Tee 1/4&quot; barb X 1/4&quot; barb X 1/4&quot; barb</td>
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<tr>
<td>WX1586B</td>
<td>Tee 1/4&quot; barb X 15 mm WX X 1/4&quot; barb</td>
</tr>
<tr>
<td>WX1591(B)</td>
<td>Stem Elbow 1/2&quot; Flexible Hose</td>
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### Flexible Hose Fittings 3/4"

<table>
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<tr>
<td>WX1555B</td>
<td>Tee 1/2&quot; barb X 1/2&quot; barb X 1/2&quot; barb</td>
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<tr>
<td>WX1556B</td>
<td>Tee 1/2&quot; barb X 15 mm WX X 1/2&quot; BARB</td>
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<tr>
<td>WX1557B</td>
<td>Tee 1/2&quot; barb X 1/2&quot; barb X 1/2&quot; barb</td>
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<tr>
<td>WX1558B</td>
<td>Tee 1/2&quot; barb X 1/2&quot; barb X 1/2&quot; barb</td>
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<tr>
<td>WX1592(B)</td>
<td>Stem Elbow 3/4&quot; Flexible Hose</td>
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<tr>
<td>WX1593(B)</td>
<td>Stem Adaptor 3/4&quot; Flexible Hose</td>
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<tr>
<td>WX2259B</td>
<td>Adapter 22 Spigot X 1/2&quot; barb</td>
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### Other Connections

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<tr>
<td>WX1517B</td>
<td>3/8&quot; X 24 UNEF Male Faucet Tail Adaptor (Brass) suitable for Gröhe Faucets</td>
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<tr>
<td>WX1535B</td>
<td>Stem Adaptor 3/8&quot; Hose (Brass) for Windscreen Washer</td>
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<tr>
<td>WX1537B</td>
<td>Stem Adaptor 1/2&quot; NPT Female (Brass)</td>
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<tr>
<td>WX1566B</td>
<td>Tank Fitting Assembly</td>
</tr>
<tr>
<td>WX2260B</td>
<td>End Stop 22mm Spigot</td>
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### Plumbing Safety Fittings

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>WX1595B</td>
<td>Pressure Relief Valve – 6 bar 1/2&quot; Female</td>
</tr>
<tr>
<td>WX1599B</td>
<td>Thermostatic Mixer Valve 1/2&quot; Male (Brass) 15 mm and Check Valve / Non-Return Valve Note: This product is covered by 1 year warranty</td>
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### Colour Coded Tubing

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>WX7152</td>
<td>Standard Semi-Rigid Pipework 15 mm Blue 10 m (33 ft)</td>
</tr>
<tr>
<td>WX7152B</td>
<td>Standard Semi-Rigid Pipework 15 mm Blue 50 m (164 ft)</td>
</tr>
<tr>
<td>WX7154</td>
<td>Standard Semi-Rigid Pipework 15 mm Red 10 m (33 ft)</td>
</tr>
<tr>
<td>WX7154B</td>
<td>Standard Semi-Rigid Pipework 15 mm Red 50m (164 ft)</td>
</tr>
<tr>
<td>WX7156</td>
<td>Standard Semi-Rigid Pipework 15 mm Green 10 m (33 ft)</td>
</tr>
<tr>
<td>WX7156B</td>
<td>Standard Semi-Rigid Pipework 15 mm Green 50 m (164 ft)</td>
</tr>
<tr>
<td>WX7162B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance Blue 50 m (164 ft)</td>
</tr>
<tr>
<td>WX7562B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance Blue 152 m (500 ft)</td>
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<tr>
<td>WX7164B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance Red 50 m (164 ft)</td>
</tr>
<tr>
<td>WX7564B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance Red 152 m (500 ft)</td>
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<tr>
<td>WX7166B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance Green 50 m (164 ft)</td>
</tr>
<tr>
<td>WX7168B</td>
<td>WHALEX Semi-Rigid Pipework 15 mm High Performance White 50 m (164 ft)</td>
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### Tools

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>WX7950</td>
<td>Pipework Cutters - must be used to cut Whale Semi-Rigid Pipework</td>
</tr>
<tr>
<td>WX1565B</td>
<td>Pipework Mounting Clip (White)</td>
</tr>
<tr>
<td>WX1565(B)</td>
<td>Pipework Mounting Clip (Black)</td>
</tr>
</tbody>
</table>

WHALEX Pipework is NSF61 listed and has the benefits of a more scratch-resistant surface and greater durability.
Whale - Grey / Shower Waste

Electric Grey Waste Pumps and Tank Systems

Whale’s Gulper Pumps for shower/ grey waste have led the way for more than a decade in durability and non-clog valve technology - truly a fit and forget solution for shower waste. Our full range includes pumps and tanks and pre-assembled kits for managing shower waste on board.

Electric Grey Waste Pumps
Whale Gulper non clog electric grey waste pumps are proven to be reliable and able to handle typical shower waste such as hair and shower gel. No filters to clog - proven performance for the long haul.

Multi-port Polyethylene Tanks
These roto-moulded tanks are hard wearing, and durable, can handle grey waste from multiple drains, but are also compact enough to fit in confined spaces. They are designed for easy installation with our Gulper waste pumps to ensure a robust solution to managing sink, shower, dishwasher waste.

Grey Waste

Electric Grey Waste Pumps
- NEW Grey IC - Page 90-91
- NEW Gulley IC - Page 92-93
- Gulper 320 - Page 94-95
- Gulper 220 - Page 96-97

Grey Waste Tank Range
- Grey Waste tanks 8ltr and 16 ltr - Page 98-99

Grey Waste Systems
Pre-assembled tank and pump kits
- NEW Grey waste tank and pump systems -100 ltr with Gulper - Page 100
- Grey waste tank and pump systems 8ltr with Gulper - Page 101

Accessories
Complete the system with pipework elbows, y pieces, and or non return valves Page - 102-103
Electric Grey Waste Pumps

Grey IC

Automatic Grey Waste System - manages waste from multiple drains
Whale Grey IC shower waste systems have intelligent control electronics built in ensuring that the pump operates only when required. Includes Gulper® IC and 1” (25mm) Two Way Manifold IC with 4m (12ft) of cable.

Unique Intelligent Control means that Gulley IC Kit is all you need to manage waste from multiple drains through one pump
Electrical signals are sent from the Two Way Manifold IC only when grey waste water needs to be pumped out.

Two Way Manifold handles waste from multiple drains
Non choke valves - no filter to block or clean
Pre-wired with waterproof electronic connectors prevents damage from capillary action and electrolysis
IC built in intelligent control microprocessor electronics sealed for protection against water ingress
Secure fit new wrap around mounting feature
Head rotates 360° to suit your installation

Product code: see table
Features and Benefits

Why Grey IC?
• One pump automatically handles waste from your shower on board - no manual switches required
• Ideal for installation where you don’t have space for a grey waste tank
• Easy installation - pre wired plug and play kit
• Reliability - No moving parts to clog

Gulper IC - Automatic control
• One pump handles waste from multiple drains
• Fast drainage - high capacity up to 19 ltrs (5 US gals) /min
• Long life - Self primes and can run dry
• Soft start - protects the pump
• Easy to install - including uneven surfaces
• Optimal drainage - Built in time delay
• Low current controlled switching - no switch failure from high currents

Two Way Manifold IC
• Fully automatic waste from multiple drains as required.
• Senses waste level through wall - not in contact with water
• Removes the need to install a bulky grey waste tank
• Service free - No moving parts to clog or burn

1 Year Warranty

Tips
It is important to ensure that a vented anti-syphon loop is incorporated in the system

Tips
See Page 102-103 for Grey waste accessories

AWARDS AND ACCREDITATIONS

• IBEX Innovation Award 2010 – Special Mention.
• DAME Innovation Award 2010 – Special Mention.

Awards and Accreditations

Supersub Smart – Automatic Narrow Low Profile Bilge pump with intelligent control built in – page 12

YOU MAY ALSO LIKE

Gulley IC – Automatic Grey waste pump kits with Gulley IC - automatic intelligent control built in – page 92
Bilge IC – Pre-wired Easy Access Remote Mounted Bilge System (4 in 1) with automatic intelligent control built in - page 16

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Grey IC</th>
<th>WM8284</th>
<th>WM8484</th>
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<tbody>
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<td>Product Code</td>
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<td>WM8284</td>
<td>WM8484</td>
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<td>Voltage</td>
<td>12 V d.c.</td>
<td>24 V d.c.</td>
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<td>Voltage Range</td>
<td>10 to 13.6 V d.c.</td>
<td>21.6 V d.c. to 27.2 V d.c.</td>
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<tr>
<td>Recommended fuse Size (Automotive)</td>
<td>10 Amp</td>
<td>5 Amp</td>
<td></td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>1.5mm (16 AWG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>1.6 kg (3.5 lbs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3m (10ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Discharge head and Suction life combined</td>
<td>4m (12 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hose connections</td>
<td>barbed connections 3/4” (19mm) and 1” (25mm)</td>
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<tr>
<td>Materials in contact with fluid</td>
<td>Glass-filled Nylon, Santoprene®, Stainless Steel</td>
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<tr>
<td>Service Kit (available Separately)</td>
<td>AK2050-G Replacement Pump Head IC</td>
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<tr>
<td>Accessories</td>
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Performance Data

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<th>0m (0ft)</th>
<th>0m (0ft)</th>
<th>1m (3ft)</th>
<th>1m (3ft)</th>
<th>1m (3ft)</th>
<th>1m (3ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge Head</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
</tr>
<tr>
<td>Hose size</td>
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<td>1” (25mm)</td>
<td>3/4” (19mm)</td>
<td>1” (25mm)</td>
<td>3/4” (19mm)</td>
<td>1” (25mm)</td>
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<tr>
<td>Row Rate/ Minute</td>
<td>19 ltrs (5 US gals)</td>
<td>17.5 ltrs (4.6 US gals)</td>
<td>17.4 ltrs (4.5 US gals)</td>
<td>15.5 ltrs (4.1 US gals)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Draw (12 V d.c.)</td>
<td>7.5 amps</td>
<td>8 amps</td>
<td>7.5 amps</td>
<td>8 amps</td>
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<td></td>
</tr>
<tr>
<td>Current Draw (24 V d.c.)</td>
<td>3.25 amps</td>
<td>4 amp</td>
<td>3.25 amps</td>
<td>4 amps</td>
<td></td>
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</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
NEW Gulley IC high capacity automatic Grey Waste System - high capacity pump manages waste from a single drain

Whale Grey IC shower waste systems have intelligent control electronics built in ensuring that the pump operates only when required. Specifically designed for shower waste - Includes Gulper IC® electric waste pump and Compact Gulley IC with 4m (12ft) cable for easy installation.

Unique Intelligent Control means Gulley IC Kit is all you need for shower waste management

Electrical signals are sent from Gulley IC only when grey waste water needs to be pumped out. Fully automatic shower gulley drains waste away.

Electric Grey Waste Pumps

Gulley IC

Fully integrated switch sensor

Compact Gulley design senses waste level and controls pump

Ezi-clamp - Twist and single screw to secure

Barbed Connections - for either 19mm (3/4”) or 25mm (1”)

Head rotates 360° to suit your installation

Pre-wired with waterproof electronic connectors - prevents damage from capillary action and electrolysis

Secure strap - ensures pump remain in place in marine conditions

Product code: see table

Typical Installation
Features and Benefits

WHY Gulley IC?
- Automatic control - Gulley IC senses the grey waste level and sends signals to Gulper IC to turn off and on as required.
- One pump automatically handles waste from your shower on board - no manual switches required
- Ideal for installation where you don’t have space for a grey waste tank

Gulley IC - Electric Non clog Electric Grey Waste Pump with intelligent control built in
- Easy installation - pre wired plug and play kit
- Reliability - No moving parts to clog
- Long life - Self primes and can run dry
- Soft start - protects the pump
- Protected against water ingress – fully potted circuitry
- Low current controlled switching - no switch failure from high currents
- Fast drainage - high capacity up to 19 ltrs (5 US gals)/min
- Optimal drainage - Built in time delay

Gulley IC
- Compact single shower gulley with integrated intelligent control
- Easy clean cover and sleek design
- Protected against water ingress – fully potted circuitry
- Quiet drainage

1 Year Warranty

It is important to ensure that a vented anti-syphon loop is incorporated in the system

Awards and Accreditations
- IBEX Innovation Award 2010
- DAME Innovation Award 2010 – Special Mention

Awards and Accreditations
- Ignition protection ISO8846.
- CE marked.

COMPLETE YOUR SYSTEM
See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE

Grey IC - Automatic Grey waste pump kits with Manifold IC – for automatically managing waste from 2 waste outlets – page 90
Bilge IC – Pre-wired Easy Access Remote Mounted Bilge System (4 in 1) with automatic intelligent control built in – page 16
Supersub Smart – Automatic Narrow Low Profile Bilge pump with intelligent control built in – page 12

Product Information

Model Specifications

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<thead>
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<th>Model</th>
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<tbody>
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<td>Soft stop/ start</td>
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<td>Recommended fuse size (Automotive)</td>
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<td>Minimum Wire Size</td>
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<tr>
<td>Weight</td>
<td>1.6 kg (3.5 lbs)</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge head and Suction line combined</td>
<td>4m (12ft)</td>
</tr>
<tr>
<td>Hose connections</td>
<td>barbed connections ½” (19mm) and 1” (25mm)</td>
</tr>
<tr>
<td>Materials</td>
<td>Pump head- Glass-filled Nylon, Valves, and Diaphragm - Santoprene®, clamp ring Acetal, Feet - EPDM, Gear wheel- Delrin®, fasteners Stainless Steel</td>
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<tr>
<td>Materials in contact with fluid</td>
<td>Glass-filled Nylon, Santoprene®, Stainless Steel</td>
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<tr>
<td>Service Kit (available Separately)</td>
<td>AK2050 - Replacement Pump Head IC</td>
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<tr>
<td>Accessories</td>
<td>none required</td>
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Performance Data

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<thead>
<tr>
<th>19 ltrs (5 US gals)</th>
<th>0m (0ft)</th>
<th>0m (0ft)</th>
<th>1m (3ft)</th>
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<tbody>
<tr>
<td>Discharge Head</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
<td>1m (3ft)</td>
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<td>Hose size</td>
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<td>1” (25mm)</td>
<td>½” (19mm)</td>
<td>1” (25mm)</td>
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<tr>
<td>Flow Rate/ Minute</td>
<td>19 ltrs (5 US gals)</td>
<td>17.5 ltrs (4.5 US gals)</td>
<td>17.4 ltrs (4.5 US gals)</td>
<td>15.5 ltrs (4.1 US gals)</td>
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<tr>
<td>Current Draw (12 V d.c.)</td>
<td>7.5 amps</td>
<td>8 amps</td>
<td>7.5 amps</td>
<td>8 amps</td>
</tr>
<tr>
<td>Current Draw (24 V d.c.)</td>
<td>3.25 amps</td>
<td>4 amps</td>
<td>3.25 amps</td>
<td>4 amps</td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Gulper® 320

High Capacity Waste Pump
- Fast Drainage and space saving on board
No clog, no filter waste pump built on more than a decade of market leading pump technology

- Ezi-clamp twist and single screw to secure
- Securing strap ensures pump remains in place in harsh marine conditions
- Easy maintenance non choke valves, no filter to block or clean
- Secure only 3 screws required
- Simple plumbing barbed connections for either 19 mm (¾”) or 25mm (1”) hose size
- Reliability double outlet valve for continuous flow
- Straight forward installation multi directional head rotates 360° for convenient installation

Product code: see table
Features and Benefits

Gulper valve technology handles shower waste from multiple drains - no filters and no clogging

High Capacity Waste Pump - Fast Drainage
- Save space one pump multiple drains
- Use smaller grey waste tank
- Head rotates 360 degrees to suit your installation
- Long life - runs dry without damage
- Easy to install - including uneven surfaces
- Reliable operation - Self priming

3 Year Warranty

Awards and Accreditations
- Ignition protection ISO8846.
- CE marked.

COMPLETE YOUR SYSTEM
See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE
Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 90 and 92

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gulper® 320</th>
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<tbody>
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<td>Recommended Fuse Size</td>
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<td>Minimum Wire Size</td>
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<td>Weight</td>
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<tr>
<td>Materials</td>
<td>Pump Head: Glass-filled Nylon, Valves and Diaphragm: Santoprene®</td>
</tr>
<tr>
<td>Accessories</td>
<td>Service Kit: AK2050 - replacement pump head</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3m (10ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head and Suction Lift Combined</td>
<td>4m (13.1ft)</td>
</tr>
</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th>Model</th>
<th>BP2052 / BP2054</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>0m (0ft)</td>
</tr>
<tr>
<td>Discharge</td>
<td>1m (3ft)</td>
</tr>
<tr>
<td>Hose Size</td>
<td>3/4” (19mm)</td>
</tr>
<tr>
<td>Flow Rate per Minute</td>
<td>10 ltrs (5 US Gals)</td>
</tr>
<tr>
<td>Current Draw</td>
<td>7.5 amps (12 V d.c.)</td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Gulper® 220

Gulper valve technology handles shower waste such as hair and gel

No clog, no filter waste pump built on more than a decade of market leading pump technology

- Robust housing reliable, marine grade materials
- Absorbs vibration rubber feet
- Easy maintenance non choke valves, no filter to block or clean
- Double outlet valve for continuous flow
- Simple plumbing - barbed connections Suitable for ¾” (19mm) or 1” (25mm) flexible hose
- Straight forward installation multi directional head rotates 360° for convenient installation

Also available
Gulper 320 High Capacity Model for multiple drains
See page 94
Features and Benefits

• Gulper 220 - pumps shower waste including hair and gels
• Up to 14 ltrs (3.7 US gals) per minute*
• Will run dry without damage and pump a mixture of air and water
• Virtually non-choke valves - No filter to unblock
• Reliable operation - Self-priming up to 3 m (10 ft)
• Easy to install in confined spaces
• Double outlet valve ensuring continuous flow
• Multi directional head - for ease of installation
• Low power consumption

2 Year Warranty

Awards and Accreditations

• ISO10133 Electrical systems – extra low voltage dc installations
• Ignition protected ISO8846.
• CE marked
• IP45 rated

COMPLETE YOUR SYSTEM

See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE

Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 90 and 92.
Gulper 320 - High Capacity Electric Grey Waste pump – page 94
**Whale’s Largest Range of Multi-port Grey waste tanks ever!**

Simple system - Allows you to manage all grey waste on board through one thru hull fitting

Resilient polyethylene one piece moulded tanks designed to handle grey waste on board - ideal for use with Gulper® Grey Waste pumps for unbeaten debris handling

- Easy maintenance: clear lid on top of tank for easy inspection
- Simple Wiring: includes electric field sensor switches
- Save space: Built in screws - easy attach Gulper pumps for shorter pipe runs
- Integrity of construction: heavy duty robust single piece roto-moulded polyethylene tank
- Multiple installation ports: inlet connections of 19 mm (¾"), 25mm (1") or 38mm (1½")
- Straight forward installation: angled mounting feet
- Range of capacities available

*Product code: see table*
Features and Benefits

Now includes a built in Whale Switch for automatic operation and is easy to connect to any 12V/24V pump up to 20 amp

- Clear lid sits flush to top of the tank for easy inspection
- Neoprene seal prevents odour leakage
- Ideal for use with either Gulper® 320 or Gulper® 220 grey waste pumps
- Shorter pipe runs - to mount the Gulper pump of your choice
- Capacity range from 8 ltrs / 2.2 US gals, 16 ltr (4.4 US gals) and new 100 ltr boat builder system see page 98
- Easy installation with angled feet
- Models available with either prewired deutsch connections or standard tinned wire

1 Year Warranty

COMPLETE YOUR SYSTEM

See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE

Gulper 220 and 320 electric grey waste pumps - page 96 and 94
Whale Grey waste tank and pump systems – page 100

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>8 Litre/ 2.2 US Gals Capacity Tanks</th>
<th>16 Litre/ 4.4 US Gals Capacity Tanks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>GW0810</td>
<td>GW0831</td>
</tr>
<tr>
<td>Capacity</td>
<td>8 ltrs (2.2 US gals)</td>
<td>16 ltrs (4.4 US gals)</td>
</tr>
<tr>
<td>Electrical Connectors</td>
<td>tinned wire ends</td>
<td>Deutsch x 1 DT06-3S CE06</td>
</tr>
<tr>
<td></td>
<td></td>
<td>tinned wire ends</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Deutsch x 1 DT06-3S CE06</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c./ 24 V d.c.</td>
<td></td>
</tr>
<tr>
<td>Inlet Hose</td>
<td>19mm (3/4&quot;) x 2</td>
<td>25mm (1&quot;) x 4</td>
</tr>
<tr>
<td>Connections</td>
<td>25mm (1&quot;) x 3</td>
<td>25mm (1&quot;) x 2</td>
</tr>
<tr>
<td></td>
<td>38mm (1 1/2&quot;) x 3</td>
<td>26mm (1 1/2&quot;) x 4</td>
</tr>
<tr>
<td>Outlet Hose</td>
<td>19mm (3/4&quot;) x 1</td>
<td>25mm (1&quot;) x 2</td>
</tr>
<tr>
<td>Connections</td>
<td>25mm (1&quot;) x 1</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Main body: polyethylene, Seals: Neoprene, Lid: Polycarbonate</td>
<td></td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
New shower and sink waste systems
All the benefits of Whale Gulper®
Pumps and grey waste tanks – in a pre assembled kit

Features and Benefits

Why Grey waste tanks and pump complete systems?

SIMPLE INSTALLATION Only one thru hull fitting is required for all grey waste from multiple drains

SAVE SPACE – pumps mounted onto tanks saves valuable space on board, allowing more flexibility for layouts

Switch: Electronic switch for automatic operation

Configuration: Three independent switches. Lower switch controls Pump 1 and mid level switch controls Pump 2. This ensures that Pump 2 only runs when demand is high, or when back up is required. Third sensor is high level alarm.

See page 94 for dimensions for the high capacity non clog Gulper® 320

---

1 Year Warranty

Easy inspection secure lid

Pre-mounted pump for fast installation and space saving

Product code: GW1033

COMPLETE YOUR SYSTEM

See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE

Gulper 220 and 320 - page 96 and 94
Multi-port Polypropylene Grey Waste tanks - page 98

Product Information

Switch: Electronic switch, no movement, no exposed contacts, 20Amp rating

Configuration: Three independent switches. Lower switch controls Pump 1 and mid level switch controls Pump 2. This ensures that Pump 2 only runs when demand is high, or when back up is required. Third sensor is high level alarm

Material: MDPE
Typical Wall Thickness 8mm
Length: 830 mm
Width: 530 mm
Height 240 mm

Ports: 4 x 2" BSP ports
1 x 1" BSP ports
1 x ¼” barbed 360 deg rotatable (vent line)

Connections:
Deutsch Connectors x 2 – 24V supply to pump & switch 1, and 24V supply to pump & switch 2 (as per existing tanks)

Please note
this product is currently only available to boat builders
– minimum order quantities may apply
– contact Whale Support for details
Shower and Sink Waste System

Includes 8 litre (2.2 US gals) tank and Gulper 220 pump

Features and Benefits
Includes 8 litre (2.2 US gals) tank and Gulper 220 pump
- No filter required (proven debris handling)
- Can run dry without damage
- Automatic pump activation
- Robust polyethylene tank design (one piece roto-moulded)

1 Year Warranty

Easy maintenance - clear lid on top of tank for easy inspection
Side mount pump for fast installation and space saving

Multiple installation ports - inlet connections of 19 mm (¾”), 25mm (1”) or 38mm (1½”)
Please note kit includes tank and pump

Product code: see table

COMPLETE YOUR SYSTEM
See Page 102-103 for Grey waste accessories

YOU MAY ALSO LIKE
Gulper 220 and 320 - page 96 and 94
Multi-port Polypropylene Grey Waste tanks - page 98

Product Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Grey Waste System</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK1512</td>
<td>Kit includes 8 litre (2.2 US gals) capacity grey waste tank and BP1552 Gulper 220 grey waste pump (12 V d.c.)</td>
</tr>
<tr>
<td>CK1514</td>
<td>Kit includes 8 litre (2.2 US gals) capacity grey waste tank and BP1554 Gulper 220 grey waste pump (24 V d.c.)</td>
</tr>
</tbody>
</table>
Grey Waste Accessories

Grey / Shower Waste Accessories

Complete Your System

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

Need specific advice on your system? Contact our technical team at Whale support

See below for a full list of accessories

Switches - For replacements for Whale grey waste tanks (see page 40)

Grey Waste Tank Switches

NEW Electric Field Sensor Range

- Electric field sensor automatically sense water levels and switch 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 or enables lower drain than 13mm (½")

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Electric Field Sensor Switch</th>
<th>Electric Field Sensor Switch with time delay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>BE9003</td>
<td>BE9006</td>
</tr>
<tr>
<td>Voltage D.C.</td>
<td>12V or 24V</td>
<td>Suitable for up to 20 Amps</td>
</tr>
<tr>
<td>Current</td>
<td>0.008 Amp</td>
<td></td>
</tr>
<tr>
<td>Residual Current</td>
<td>Suitable for Orca and supersub standard submersible ranges – page 20 and 18</td>
<td></td>
</tr>
</tbody>
</table>

Diverter Valve

Accessories - For manual and / or electric bilge pumps

Diverter Valves

- allows one pump to draw from 2 locations

DV5630 Diverter Valve 1" (25mm) connections
DV5606 Diverter valve 1 ½" (38mm) connections

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

Whale supply a wide range of accessories designed specifically for use with Whale Pumps, creating a 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 Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Y Piece</th>
<th>Y Piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>YP6130</td>
<td>YP6114</td>
</tr>
<tr>
<td>Pipe Diameter</td>
<td>13 mm (1⁄2&quot;)</td>
<td>38 mm (1½&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Acetal</td>
<td>Polypropylene</td>
</tr>
</tbody>
</table>

Elbows
- Ideal for use in installations in confined spaces

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Elbow</th>
<th>Elbow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>EB3364</td>
<td>EB3488</td>
</tr>
<tr>
<td>Pipe Diameter</td>
<td>25 mm (1&quot;)</td>
<td>38 mm (1½&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Polypropylene</td>
<td></td>
</tr>
</tbody>
</table>

Non-Return Valves
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit in-line
- Suitable for use with manual or electric pumps

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Non-Return Valve</th>
<th>Non-Return Valve Barbed Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>LV1215</td>
<td>LV1219</td>
</tr>
<tr>
<td>Pipe Diameter</td>
<td>25 mm (1&quot;)</td>
<td>19 mm (3⁄4&quot;) or 25 mm (1&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Body: Polypropylene, Valve: Nitrile®</td>
<td></td>
</tr>
</tbody>
</table>

Skin Fittings
- Manufactured in strong high quality moulded non-corrosive acetal

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Skin Fitting</th>
<th>Skin Fitting</th>
<th>Skin Fitting</th>
<th>Skin Fitting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>SF5018</td>
<td>SF5131</td>
<td>SF5204</td>
<td>SF5425</td>
</tr>
<tr>
<td>Diameter Size</td>
<td>16 mm (5⁄8&quot;)</td>
<td>19 mm (3⁄4&quot;)</td>
<td>25 mm (1&quot;)</td>
<td>38 mm (1½&quot;)</td>
</tr>
<tr>
<td>Materials</td>
<td>Acetal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
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 a decade of market leading pump technology for proven reliable waste management.

**Gulper Grouper**
Fishbox Evacuation Pump
- (suitable for standard 1" (25mm) or 1 1/2" (38mm) hose connections) - Page 106-107

**Gulper 320**
Fishbox Evacuation Pump
- (suitable for 3/4" (19mm) or 1" (25mm) standard hose connections) - Page 108-109

**Accessories**
- Complete the system with pipework fittings such as elbows, y pieces and strum boxes/strainers - refer to bilge accessories - Page 40-43
Fishbox evacuation pump
1" (25mm) or 1 1/2" (38mm)
standard hose connections
Built on more than a decade of market leading pump technology. Unlike macerator pumps, Gulper valve technology means no filters, no clogging or motor burn out, just reliable waste management. Pumps out fishbox, livewell and baitwell waste without clogging.

- Non choke valves in pump head designed to handle fish waste - no motor to clog or burn out
- Reliability contains single heavy duty diaphragm for heavy duty use
- Diaphragm technology no impeller to clog or burn
- Straight forward installation multi directional head rotates 360° for convenient installation
- Product code: see table
- Simple plumbing designed for connection to heavy duty hose 1" (25mm) / 1 1/2" (38 mm) hose size
Features and Benefits

- You can depend on diaphragm pump technology: No impeller to clog or burn
- Non-choke valves—easily handle fishbox waste
- Save money—Single pump for multiple wells
- Easy to install—360 degree head rotation and choice of 1" (25mm) or 1½" (38mm) hose connections
- Easy to maintain and clean
- Ideal replacement for macerator pumps
- Fast pump out—up to 6.75 US gals/25.5 ltrs per minute
- Long term durability—runs dry without damage
- Save battery—Low power consumption

1 Year Warranty

Awards and Accreditations

- ISO10133 Electrical systems—extra low voltage dc installations
- Ignition protected ISO8846.
- CE marked
- IP45 rated

COMPLETE YOUR SYSTEM

See page 40-43 for accessories including pipework elbows and y pieces.

YOU MAY ALSO LIKE

Gulper 320 - page 108-109
Fishbox evacuation pump
(suitable for standard 1"/1 ½" hose connections)

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gulper® Grouper Fishbox Discharge Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BP4572</td>
</tr>
<tr>
<td></td>
<td>BP4574</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td></td>
<td>24 V d.c.</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>10 amp</td>
</tr>
<tr>
<td>Automotive</td>
<td>5 amp</td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>1.5 mm² (16 AWG)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.6 kg (3.5 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>25 mm (1&quot;) or 38 mm (1 ½&quot;)</td>
</tr>
<tr>
<td>Materials in Contact With Fluid</td>
<td>Glass-filled Nylon, Nitrile, Santoprene®, Stainless Steel</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head and Suction Lift (combined)</td>
<td>4 m (13.5 ft)</td>
</tr>
<tr>
<td>Flow Rate per Minute</td>
<td>25.5 ltrs or 21.9 ltrs (6.75 US gals) or (5.75 US gals)</td>
</tr>
<tr>
<td>Dry Running Current</td>
<td>5 amps</td>
</tr>
<tr>
<td></td>
<td>2.5 amps</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK1557 - service kit head</td>
</tr>
</tbody>
</table>

Performance Data

| Suction Lift                  | 0 m (0 ft)      | 1 m (3 ft)      |
| Discharge Head                | 1 m (3 ft)      | 1 m (3 ft)      |
| Flow Rate per Minute          | 22 ltrs (5.8 US gals) | 19 ltrs (5 US gals) |
| Current Draw                  | 6.2 amp (12 V d.c.) | 9.7 amp (12 V d.c.) |
|                              | 3.1 amp (24 V d.c.) | 4.85 amp (24 V d.c.) |

Note: These specifications are retail items only. For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
No clog, no filter waste pump built on more than a decade of market leading pump technology

Unlike macerator pumps, Gulper valve technology means no filters, no clogging or motor burn out, just reliable waste management.

- Ezi-clamp twist and single screw to secure
- Securing strap ensures pump remains in place in harsh marine conditions
- Easy maintenance non choke valves, no filter to block or clean
- Secure only 3 screws required
- Reliability double valve outlet for continuous flow
- Simple plumbing barbed connections for either 19 mm (¾”) or 25mm (1”) hose size
- Straight forward installation multi directional head rotates 360° for convenient installation

Product code: see table
Features and Benefits

• Fishbox Discharge Pump
  – Handles fishbox waste
  – Easy to install in convenient locations
• Long term durability - runs dry without damage
• Fit in convenient locations
  – Multi-directional head position
• Save battery - Low power consumption

3 Year Warranty

Awards and Accreditations

• Ignition protection ISO8846.
• CE marked.

COMPLETE YOUR SYSTEM

See Page 40-43 for fishbox baitwell accessories

YOU MAY ALSO LIKE

Gulper Grouper - page 106

Product Information

<table>
<thead>
<tr>
<th>Model Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td><strong>Product Code (Retail)</strong></td>
</tr>
<tr>
<td>Voltage</td>
</tr>
<tr>
<td>Hose Connections</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
</tr>
<tr>
<td>Minimum Wire Size</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>Materials</td>
</tr>
<tr>
<td>Accessories</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
</tr>
<tr>
<td>Maximum Discharge Head and Suction Lift Combined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Performance Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
</tr>
<tr>
<td>Suction Lift</td>
</tr>
<tr>
<td>Discharge Head</td>
</tr>
<tr>
<td>Hose Size</td>
</tr>
<tr>
<td>Flow Rate per Minute</td>
</tr>
<tr>
<td>Current Draw</td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
Whale - Black Waste Range
Electric / Manual Black Waste Pump Out
Practical solutions to waste management on board

Electric Black Waste Pumps
Our non-clog filter free Gulper electric waste pumps for black waste / toilet management handle un-macerated 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 a decade of market leading pump technology for proven reliable waste management.

Manual Pumps
The Mark 5 sanitation is built on more than 60 years of experience. At Whale we design and build manual pumps that are reliable and can be depended on for long term durability and are backed up with spares and excellent customer service.

Electric Black Waste Pump
• Gulper Toilet Pump - Page 112-113

Manual Black Waste Pump
• Mk V Sanitation Pump - Page 114-115

Accessories
Complete the system with pipework elbows, y pieces, and strum box or strainers - Page 116-117
Whale Gulper® Toilet Pump
For holding tank electric pump out/discharge
No clog, no filter waste pump built on more than a
decade of market leading pump technology
- Pumps un-macerated toilet waste

- Extra large ports 1 1/2” (38mm) for consistent flow
- High spec protected motor
- Rubber mounting feet - absorb vibration
- Reliability - non choke valves to pump unmacerated waste - no moving parts to clog
- Head rotates 360 degrees to best suit your installation
- Easy release clamp ring to rotate pump head

Product code: see table
Features and Benefits

- Pumps un-macerated toilet waste
- Runs dry without damage
- Up to 18 ltrs (4.75 US gal) per minute
- Virtually unblockable
- Rotatable inlet and outlet - allows you to install in awkward locations
- Self priming up to 3 m (9.8 ft) - mount the pump in the most convenient part of boat
- Pumps a mixture of air and waste
- Easy to maintain
- Ideal for holding tanks and vacuum systems

1 Year Warranty

Ideal for use in conjunction with Whale’s robust and durable Diverter Valve 1 ½” ports – DV5606 - page 116-117

Awards and Accreditations

- Ignition protection ISO8846
- CE marked

YOU MAY ALSO LIKE

Mark V – Manual Sanitation Pump – page 114
Bilge IC – Pre-wired Automatic bilge system with intelligent control built in – page 16
Grey IC and Gully IC – Automatic Grey waste pump kits with automatic intelligent control built in – pages 90 and 92

Product Information

Model Specifcations

<table>
<thead>
<tr>
<th>Model</th>
<th>Gulper® Toilet Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>BP2552B</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V d.c.</td>
</tr>
<tr>
<td>Recommended Fuse Size</td>
<td>10 amp Automotive</td>
</tr>
<tr>
<td>Weight</td>
<td>2.12 kg (4.75 lbs)</td>
</tr>
<tr>
<td>Hose Connections</td>
<td>38 mm (1 1⁄2”)</td>
</tr>
<tr>
<td>Minimum Wire Size</td>
<td>1.5 mm² (16 AWG)</td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK1557: Service Kit</td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Glass-filled Nylon, Santoprene®, Nitrile</td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Maximum Suction Lift and Discharge Head (combined)</td>
<td>3 m (10 ft)</td>
</tr>
<tr>
<td>Dry Running Current</td>
<td>5.5 amps</td>
</tr>
</tbody>
</table>

Performance Data

BP2552B / BP2554B

| Suction Lift | 0 m (0 ft) | 1 m (3 ft) |
| Discharge Head | 1 m (3 ft) |
| Flow Rate per Minute | 17.5 ltrs (4.6 US gal) | 16.5 ltrs (4.4 US gal) |
| Current Draw | 6.5 amp (12 V d.c.) | 7.1 amp (12 V d.c.) |
| | 3.25 amp (24 V d.c.) | 3.55 amp (24 V d.c.) |

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

Typical Installation

Note: Where discharge is below the water line, a siphon break must be fitted.

WARNING

It is important to ensure that a siphon break is fitted, where discharge is below the water line.
The manual black waste pump designed for toilet flush, or holding tank pump out

Designed to ensure total reliability in black waste pump out. Totally sealed unit ensures no nasty odours

- Simple Plumbing - 38mm (1½") hose connections
- Easy maintenance - easily removable inspection port - no tools required
- Robust design - reliable, marine grade materials including odour - proof seals
- Colour matching - white housing
- Protected Nitrile® gaskets inside

Product code: see table
Features and Benefits

• Tough plastic housing keeps in nasty smells
• Large virtually non-block valves
• Easy to clean (no tools required)
• Maximum performance - wide hose connections 38 mm (1 1/2”), 66 ltrs (17.5 US gals) per minute
• Lightweight design for easy operation

5 Year Warranty

Ideal for use in conjunction with Whale’s robust and durable Diverter Valve 1 1/2” ports – DV5606 - page 116-117

Tips

YOU MAY ALSO LIKE

Bilge IC – Pre-wired Automatic bilge system with intelligent control built in – page 16
Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – pages 90 and 92

Product Information

Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Mk5 Bulkhead BP0527</th>
<th>Mk5 Thru Deck BP0535</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.17 kg (2.6 lbs)</td>
<td></td>
</tr>
<tr>
<td>Hose Connections</td>
<td>38 mm (1 1/2”) Hose Connections</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Pump Body: Glass-filled Polypropylene, Acetal Diaphragm and Seals: Nitrile, Operating Lever: Glass-filled Nylon Handle, Spring and Fasteners: Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>Materials In Contact With Fluid</td>
<td>Glass-filled Polypropylene, Acetal, Nitrile, Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>Service Kit</td>
<td>AK8050 - Service Kit for Mk5 Sanitation Contains: Diaphragms, Valves and Circlips</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>DP9905 - Deck Ring - for BP0535 only</td>
<td></td>
</tr>
<tr>
<td>Maximum Suction Lift</td>
<td>4.5 m (15 ft)</td>
<td></td>
</tr>
<tr>
<td>Maximum Discharge Head</td>
<td>4.5 m (15 ft)</td>
<td></td>
</tr>
</tbody>
</table>

Performance Data

<table>
<thead>
<tr>
<th></th>
<th>Mk5 Bulkhead BP0527</th>
<th>Mk5 Thru Deck BP0535</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Lift</td>
<td>1 m (3 ft)</td>
<td></td>
</tr>
<tr>
<td>Discharge Head</td>
<td>0.5 m (1.5 ft)</td>
<td></td>
</tr>
<tr>
<td>45 Strokes per Minute</td>
<td>42 ltrs (11 US gals)</td>
<td></td>
</tr>
<tr>
<td>70 Strokes per Minute</td>
<td>66 ltrs (17.5 US gals)</td>
<td></td>
</tr>
</tbody>
</table>

Note: These specifications are retail items only.
For details of our bulk pack range for boat builders and wholesalers - contact Whale Support.
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 with highest quality at heart. Combine these accessories with your whale waste pumps for reliability and durability.

Need specific advice on your system? Contact our technical team at Whale® Support
See below for a full list of accessories

Diverter Valve

Diverter Valves
- Allow you to divert flow to overboard or deck pump out
DV5630 Diverter Valve 1” (25mm) connections
DV5606 Diverter valve 1 1/2” (38mm) connections
- materials - Main Body: Acetal, Teflon, Handle PTFE polyester
- complies with US Coast Guard rules for type III Waste systems
Accessories - Pipework Connections

Whale supply a wide range of accessories designed specifically for use with Whale Pumps, creating a 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

<table>
<thead>
<tr>
<th>Model Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>Product Code</td>
</tr>
<tr>
<td>Pipe Diameter</td>
</tr>
<tr>
<td>Materials</td>
</tr>
</tbody>
</table>

Elbows
- Ideal for use in installations in confined spaces

<table>
<thead>
<tr>
<th>Model Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>Product Code</td>
</tr>
<tr>
<td>Pipe Diameter</td>
</tr>
<tr>
<td>Materials</td>
</tr>
</tbody>
</table>

Non-Return Valves
- Provide an easy way to maintain prime in a suction or discharge line
- Designed to fit in-line
- Suitable for use with manual or electric pumps

<table>
<thead>
<tr>
<th>Model Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>Product Code</td>
</tr>
<tr>
<td>Pipe Diameter</td>
</tr>
<tr>
<td>Materials</td>
</tr>
</tbody>
</table>

Skin Fittings
- Manufactured in strong high quality moulded non-corrosive acetal

<table>
<thead>
<tr>
<th>Model Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>Product Code</td>
</tr>
<tr>
<td>Diameter Size</td>
</tr>
<tr>
<td>Materials</td>
</tr>
</tbody>
</table>

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

Whale Support

Whale Electric Bilge at a glance

**Supersub Smart Family** - the narrow low profile automatic bilge pumps - ideal for where bilge space is limited

- Supersub Smart 650 12 V d.c.
- Supersub 1100 Auto 12 V d.c.
- Supersub 1100 Auto 24 V d.c.

**Orca** - Auto 1300 - compact powerful and automatic - submersible bilge pump

- Orca Auto - 1300 US GPH - 12 V d.c.
- Orca Auto - 1300 US GPH - 24 V d.c.

**Bilge IC** - pre-wired bilge system includes remote mounted bilge pump, strainer, switch and non return valve in one pre-assembled kit

- Bilge IC Retail Kit 24 V d.c. (includes Gulper IC pump with strainer IC with intelligent control built in)
- Bilge IC Retail Kit 12 V d.c. (includes Gulper IC pump with strainer IC with intelligent control built in)

**Spares** - Bilge IC

- Spares Kit - Whale Gulper Replacement Head AK2050

Whale Standard Electric Bilge Pumps (designed for use with a separate bilge switch)

**Supersub** - the narrow low profile submersible bilge pump - ideal where space is limited

- Supersub 500 - Narrow Electric Bilge Pump 12 V d.c.
- Supersub 1100 - Narrow Electric Bilge Pump 12 V d.c.
- Supersub 1100 - Narrow Electric Bilge Pump 24 V d.c.

**Orca** - compact and Powerful standard submersible bilge pump

- Orca Submersible Electric Bilge Pump 5000GPH 12 V d.c.
- Orca Submersible Electric Bilge Pump 3000GPH 12 V d.c.
- Orca Submersible Electric Bilge Pump 3000GPH 24 V d.c.
- NEW Orca Submersible Electric Bilge Pump 3000GPH 12 V d.c.
- NEW Orca Submersible Electric Bilge Pump 3000GPH 24 V d.c.
- NEW Orca Submersible Electric Bilge Pump 2000GPH 24 V d.c.

**Gulper 320** - remote mount bilge pump with narrow footprint - strainer - ideal for very narrow bilge areas with limited access

- Gulper 320 12 V d.c., And strainer
- Gulper 320 24 V d.c., And strainer

**Spares** - Gulper 320

- Spares Kit - Whale Gulper 320 Replacement Head AK2050

Whale Electric Bilge Switches (designed for use with non automatic submersible bilge pumps - e.g. Supersub or Orca)

- Mechanical Foot Switch
- Electric Field Bilge Switch
- Electric Field Bilge Switch (50 sec time delay)

**Accessories - complete the system**

- Diather Valve 1.5” (38mm)
- Diather valve 1” (25mm)
- Non-return valve (1” (25mm) or 1.5” (38mm))
- Non-return valve (1” (25mm) or 1.5” (38mm))
- Strainer - top / side entry valve 1” (25mm)
- Strainer top entry valve, 1” (25mm)
- Hose Fitting Elbow 1” (25mm)
- Hose Fitting Elbow 1.5” (38mm)
- Hose Fitting Y-plate 1” (25mm)
- Hose Fitting Y-plate 1.5” (38mm)
- Skirting Plate 1” (25mm)
- Skirting Plate 1” (25mm)

Whale Manual Bilge At a glance

**Gusher® Range - Long Life Diecast Alloy Models**

- **Gusher 10** - The original bilge pump choice for sailors in extreme conditions
- **Spares - Gusher 10**
  - Service Kit - diaphragm and valves kit (Neoprene)
  - Service Kit - diaphragm and valves kit (Nitrile® - for oil and diesel)
  - Spare handle
- **Gusher 30 - Whale’s highest capacity heavy duty pump**
  - Ideal for when long term durability and high performance is vital
  - **Spares - Gusher 30**
    - Spare Kit - diaphragm and valves
  - Thru-deck conversion kit for BP3000
  - Spare handle
- **Gusher® Range - Tough and Lightweight Polypropylene Models**

  - **Gusher Urchin** - Whale's compact design ideal for high performance in confined spaces
    - **Spares - Gusher Urchin**
      - Whale Urchin - On deck fixed handle
      - Whale Urchin - Thru-deck bulkhead
      - Whale Urchin - On deck removable handle
  - **Spares - Gusher Titan**
    - Whale Titan - On deck
    - Whale Titan - Thru-deck / Bulkhead
    - **Spares - Gusher Titan**
    - Service Kit - includes diaphragm, valves and fixtures
  - **Mark V Universal - High Capacity Manual Bilge Pump**
    - **Spares - Mark V**
      - Whale Mark V Manual Bilge Pump
  - **Double Acting Mark V**
    - Double Acting Mark Pump Hand Kit (bulkhead)
    - Double Acting Mark Pump Hand Kit (underdeck)
    - **Spares - Mark V - Double Acting**
      - Whale Gusher 10 Diecast Alloy Manual bilge Pump - Thru-deck / Bulkhead
      - Whale Gusher 10 Diecast Alloy Manual bilge Pump - On deck
      - Whale Gusher 10 - High capacity, low profile, fast acting bilge pump - On deck
      - **Low Profile - Compact Range**
        - **Compact 50** - Whale’s most slim line design

**Accessories - complete the system**

- **Compac 50**
  - Spares Kit - Whale’s most slim line design
  - Service Kit - includes diaphragm, valves and fixtures
  - Clamping Ring Kit
  - **Spares - Compac 50**
    - Spares Kit - Compac 50: Conversion, Diaphragm, Accessories Valves and Circles
    - Clamping Ring Kit
    - **Spares - Compac 50**
      - Whale Gusher 10 Diecast Alloy Manual bilge Pump - On deck
      - Whale Gusher 10 Diecast Alloy Manual bilge Pump - Thru-deck / Bulkhead
      - **Spares - Compac 50**
        - Spares Kit - compact 50: Conversion, Diaphragm, Accessories Valves and Circles
  - **Clamping Ring Kit**
  - **Spare Handle**
  - **Spare Handle**
Smartbail

- Smartbail – Whale’s easy install, lightweight pump design with integrated handle
  BP5012 Page 38

Spares – Smartbail

- Service Kit for Smartbail
  AK5010 Page 38

Portable

Easybailer – Portable pumps - the handy hand pump for easy bail out!

- Easybailer – short barrel version
  BP1935 Page 39

- Easybailer – long barrel version
  BP1955 Page 39

Dinghy / Kayak (contact Whale)

- Chimp foot pump
  MH0146

Accessories - complete the system

Deckplates

- Replacement deckplate for Compact 50 - plastic 4 hole covered
  A05056 Page 40

- Deckplate - includes bridge and DP3804 deck plate - Cast and Aluminium LMI- for Gusher 15 degree
  A05020 Page 40

- Deck Plate Kit: metal 4 hole Whl Ltd (suitable for underdeck Gusher 10° - Cast and Aluminium LMI - for underdeck
  DP3804 Page 40

- Deck Plate Kit: Polyurethane (suitable for Gusher Titan, and Gusher 10 degree models) - PBT
  DP3904 Page 40

- Deck Plate: EPDM Covered Nylon Kit: Whales M/C Spares - (suitable for Mark V Universal - when fitted underdeck) - Acetal
  DP3905 Page 40

- Deck Plate: Plastic 4 hole covered
  - (Suitable for Mark V when fitted underdeck) - PBT
  DP3906 Page 40

Diverter Valves

- Valvair 1/8” (6mm)
  DV080 Page 40

- Valvair 1/4” (8mm)
  DV084 Page 40

- Valve Non-return Inline: 1/4” (6mm) or 1/2” (15mm)
  LV1215 Page 40

- Valve Valve Non-return Inline: 1/2” (15mm) or 1/4” (6mm)
  LV1219 Page 40

Strainers / Strum Boxes Strainers

- Strainer Side entry 1” (25mm) or 1 1/2” (38mm)
  SB4242 Page 40

- Strainer Top entry 1” (25mm) or 1 1/2” (38mm)
  SB5865 Page 40

Skin Fittings

- Skinstiffing Plate: 1/2” (16mm)
  SF018 Page 40

- Skinstiffing Plate: 1/4” (8mm)
  SF017 Page 40

- Skinstiffing Plate: 1/8” (6mm)
  SF020 Page 40

- Skinstiffing Plate: 1 1/2” (38mm)
  SF5425 Page 40

Whale Freshwater system at a glance

For all your freshwater needs on board

Electric Galley Pump range

Fresh IC

- Fresh IC intelligent freshwater pump - 12 V d.c.
  RW208 Page 46

- Fresh IC intelligent freshwater pump - 24 V d.c.
  RW208 Page 46

Universal

- Universal Freshwater pressure Pump - 6 ltr (2.2 US gal) (1 bar 15 psi) 12 V d.c.
  UF0812 Page 48

- Universal Freshwater pressure Pump - 9 ltr (3.2 US gal) (1 bar 15 psi) 12 V d.c.
  UF1212 Page 48

- Universal Freshwater pressure Pump - 10 ltr (3.2 US gal) (1 bar 15 psi) 24 V d.c.
  UF1214 Page 48

- Universal Freshwater pressure Pump - 11 ltr (3.9 US gal) (1 bar 15 psi) 24 V d.c.
  UF1215 Page 48

- Universal Freshwater pressure Pump - 15 ltr (5.1 US gal) (1 bar 15 psi) 24 V d.c.
  UF1225 Page 48

Spares - Electric Galley Pumps

- Service kit - Whale Universal Freshwater- Replacement Head
  AK1316 Page 48

- Service Kit - Whale Universal Freshwater (Coastguard Kit)
  AK1317 Page 48

- Service Kit - Whale Universal Freshwater (Stainless - for Universal / Fresh IC)
  AK1319 Page 48

- Washdown pump spares kit - replacement strainer for saltwater applications
  AK1320 Page 80

Accumulator Kit

- includes pump and expansion tank preassembled

  Integrated Pump Accumulator Kit - with 12ltr 2 bar pump
  UF2014 Page 50

  Integrated Pump Accumulator Kit - with 12ltr 3 bar pump
  UF2015 Page 50

  Integrated Pump Accumulator Kit - with 18ltr 3 bar pump
  UF8015 Page 50

  Integrated Pump Accumulator Kit - with 18ltr 4 bar pump
  UF8015 Page 50

Submersible Pumps

- Standard Submersible Electric Galley Pump 10 ltrs/min, 2.4 amps 0.6 Bar, 12 V d.c.
  OP1002 Page 52

- Premium Submersible Electric Galley Pump 13 ltrs/min, 3.6 amps / 0.1 Bar, 12 V d.c.
  OP1502 Page 52

- Premium Submersible Electric Galley Pump 15 ltrs/min, 3.6 amps / 0.1 Bar 24 V d.c.
  OP1504 Page 52

- High Flow Submersible Electric Galley pump 16 ltrs 3.8 amps, 1.4 Bar
  OP1602 Page 52

Inline Booster Pumps

- Premium in line pump 15 ltrs 12 V d.c.
  OP1392 Page 54

- Premium in line pump 15 ltrs 24 V d.c.
  OP1394 Page 54

- High Flow in line pump 15 ltrs 12 V d.c.
  OP1392 Page 54

Manual Galley Pumps

- Hand Operated Pumps
  V pump Ball priming Lever hand operated manual galley pump
  WP050 Page 56

- Whale Flipper - manual galley hand operated (pump)
  WP0410 Page 57

Foot Operated Pumps

- Gusher Galley - foot operated manual galley pump right hand lever
  WP050 Page 58

- Gusher Galley - foot operated manual galley pump left hand lever
  WP051 Page 58

- Whale Galley - compact manual galley foot operated pump
  WP061 Page 59

- Tiptoe - 10 ltr foot operated manual galley pump (Bush 10 foot)
  WP1309 Page 60

Spares - Manual Galley Pumps

- Service Kit - Whale Flipper Mk3/4
  AK0505 Page 57

- Service Kit - Whale Gusher Galley Mk3
  AK0502 Page 58

- Service Kit - Whale Gusher Galley Mk4
  AK0503 Page 59

- Service Kit - Whale Gusher Galley Mk5
  AK0618 Page 56

- Service Kit - Whale Tiptoe Mk3/4
  AK1304 Page 65

- Service Kit - Whale Gusher Galley Mk 3 - Piston/Spring Assembly
  AS0556 Page 58

Faucets

Elegance - ABS touch lightweight faucet range

- Elegance Single Faucet - cold only (1/2” threaded)
  RT1210 Page 69

- Elegance hot/ cold mixer faucet - Long outlet spout (1/2” hose connection)
  RT1207 Page 69

- Elegance hot/ cold mixer faucet 1/2” (150° hose connection)
  RT1220 Page 69

Metal Faucets

- Single Lever Galley mixer (chrome)
  TT1111 Page 64

- Single Lever mixer (chrome) - Swan Neck Galley
  TT1121 Page 64

- Single lever mixer - Vanity (chrome)
  TT1131 Page 64

- Single Lever Shower mixer (chrome)
  TT1141 Page 64

- Shower Handset- rear rail and hose (chrome)
  TT1011 Page 68

Tuckaway and Telescopic Faucet Range

- Tuckaway Faucet angled with on/off control
  FT1276 Page 64

- Telescopic Faucet with on/off control
  FT1160 Page 64

- Telescopic control (subet only)
  FT1152 Page 64

Compact Faucet Range

- Compact Range - Single faucet cold only with valve (chrome)
  TB4112 Page 64

- Compact Range - Metallic Faucet
  TB4112 Page 64

- Compact Range - Pull out galley mixer (chrome)
  TB4186 Page 64

- Compact Range - Washdown b/o spigot
  TB4172 Page 64

- Compact Range - Washdown trigger handset
  TB4170 Page 64

Internal Showers

ABS Showers

- Elegance Combination - pull out cold only unit (white) 1/2” threaded
  RT1470 Page 69

- Elegance Combination - pull out mixer unit (white) 1/2” threaded
  RT1498 Page 69

Metal Showers

- Modern single lever style: chromed brass internal shower: mixet hot, handset and rear rail
  TT8011 Page 68

- Modern single lever style: chromed brass mixer
  TT8010 Page 68
**Whale Support**

**Quick Guides**

---

**Whale Deck Showers**

- Whale Twist® Deck Shower Cold only
- Whale Twist® Deck Shower Mains - unique integrated temperature and flow control handset (includes both angled and vertical housing options)
- Compact Shower Mains - with stainless steel cover
- Compact Shower Mains - with stainless steel cover
- Compact Shower Mains - with stainless steel cover
- Whale Cylinder Shower Cold Only (sofa)
- Whale Cylinder Shower Cold Only (sofa)
- Whale Cylinder Shower Hot and Cold Mixer (no cover)
- Whale Cylinder Shower Hot and Cold Mixer (lockset cover)

**Spares - Faucets, Showers, Deck Showers**

- Service Kit - Whale Elegance Tap & Shower
- Service Kit - Whale Handrail Kit F16190
- Service Kit - Shower Hose Dripline 3/4” TH180
- Service Kit - Whale Elegance Tap/Shower control Kit Wire
- Service Kit - Whale Elegance Combo Handset Wire
- Service Kit - Whale Elegance Combo Handset Wire
- Service Kit - Whale Elegance Shower Hose Assembly White
- Service Kit - Whale Elegance Shower Hose 1/2” Black 1-1/4” with trigger handset
- Service Kit - Whale Elegance Hose Assembly White
- Service Kit - Whale Elegance Hose Assembly Black
- Service Kit - Whale Elegance - Shower Hose Connector Wire
- Service Kit - Whale Elegance - Tap/Shower Upgrage Kit Beige
- Service Kit - Whale Elegance - Shower Hose Assembly Bejige
- Whale Elegance faucet Installation Kit

**Accessories - Complete the System**

- Aquasource Clear Water Filter 15mm- For refreshing tasting water on board
- Surge Damper (15mm connections) For a smooth constant water supply
- In line Pressure Switch- for use with submersible or in line self venting pumps in a pressurized water system
- Note - for Quick connect Plumbing fittings see page 84

---

**Whale Washdown and Locker Hatches at a Glance**

**Washdown Pressure Pumps**

- Universal Washdown Pressure Pump 12 l/min 12 V d.c.
- Universal Washdown Pressure Pump 12 l/min 24 V d.c.
- Universal Washdown Pressure Pump 12 l/min 12 V d.c.
- Universal Washdown Pressure Pump 18 l/min 24 V d.c.

**Washdown Pump and Trigger Kits**

- Washdown Pump Kit (includes Universal Pressure Pump 18 l/min 12 V d.c.)
- Washdown Pump Kit (includes Universal Pressure Pump 18 l/min 24 V d.c.)

**Spares Washdown**

- Service Kit - Whale universal washdown replacement head
- Service Kit - Whale universal washdown Monoswitch Kit
- Washdown pump spares kit - Replacement onrailer for saltwater applications

**Portable Pump Kits**

- Portable Pump Kit - 12V d.c.

**Lockor Doors**

- Whale Locker Door TCL-2
- Whale Locker Door TCL-3
- Whale Locker Door TCL-4
- Whale Locker Door TCL-5 Clear

**Sparso Locker Doors**

- Service Kit Navigator TLC-4 + 2
- Service Kit Cover & Locking Lever Kit TLC5

**Accessories - Complete the System**

In the Pressure Switch - for use with submersible or in line self venting pumps in a pressurized water system
- Surge Damper (15mm connections) For a smooth constant water supply
- One Way check valves for 13mm (1/2”) flexible hose (white)
- Fit in line to maintain prima for short periods
- Hose Fitting Y-piece 13mm (1/2”) - acetal

**Whale Grey (shower/ sink/ dishwasher)**

**Waste - at a glance**

**Whale - Grey Waste Management Systems**

- **IC Intelligent control**

**Whale Grey IC Kit - for 2 drains - includes Gulper IC (12 v d.c.) - includes manifold IC**

**Whale Grey IC Kit - for 2 drains - includes Gulper IC and Intelligent Shower Gulley (12 v d.c.)**

**Whale Gulper® Electric Grey Waste Pumps**

- Gulper 320 - high capacity pump - 12 V d.c.
- Gulper 320 - high capacity pump - 24 V d.c.
- Gulper 220 - Grey Waste Pump 12 V d.c.
- Gulper 220 - Grey Waste Pump 24 V d.c.

**Spares Gulper Electric Grey Waste Pumps**

- Change Replacement pump head for Gulper 220
- Gulper 320
- Gulper IC

**Whale Multiport - Polyethylene Tanks**

- **Gulper 220 and 8 ltr tank kit - 24V d.c.** (note - available to boat builders only)
- **Gulper 220 and 8 ltr tank kit - 12V d.c.** (note - available to boat builders only)
- **Shower and Sink Waste System - preassembled**
- **Gulper 220 and 8 ltr tank kit - 24V d.c.** (note - available to boat builders only)
- **Shower and Sink Waste System - preassembled**
- **Gulper 220 and 8 ltr tank kit - 12V d.c.** (note - available to boat builders only)
- **Shower and Sink Waste System - preassembled**

**Accessories - Complete the System**

- Diolator Valve 1.25” (32mm) connections
- Diolator Valve 1” (25mm) connections
- Non-return Valve In-line 1-1/4” (32mm) or 1” (25mm) connections
- Non-return Valve In-line 1-1/4” (32mm) or 1” (25mm) connections
- Shaller - ½” (19mm) multidirectional port includes non-return valve
- Shaller - ½” (19mm) multidirectional port includes non-return valve
- Shaller - ½” (19mm) multidirectional port includes non-return valve
- Shaller top entry - 25mm or 1 1/2” (38mm) -
- Hose Fitting Elbow 1 1/2” (38mm)
- Hose Fitting Elbow 1 1/2” (38mm)
- Hose Fitting Y-piece 1 1/2” (38mm)
- Skintling 1” (25mm)
- Skintling 1 1/2” (38mm)
- Skintling 1” (25mm)
- Skintling 1 1/2” (38mm)
### Whale Gulper® Electric Fishbox/ Baitwell Waste - at a Glance

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACCESSORIES - complete the system</strong></td>
<td>- Diaphragm</td>
</tr>
<tr>
<td></td>
<td>- Valve 1&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Valve 1&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Non-return Valve inline 1&quot;) (38mm) or 38mm (1&quot;) connections</td>
</tr>
<tr>
<td></td>
<td>- Strainer - ¾&quot;) (19mm) or 1 ½&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Y-piece 1 ½&quot;) (38mm) or 38mm (1&quot;) connections</td>
</tr>
<tr>
<td></td>
<td>- Skinfitting 1 ½&quot;) (38mm) or 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skinfitting 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skirting 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skirting 1 ½&quot;) (38mm)</td>
</tr>
</tbody>
</table>

### A Full List of Spares Kits – at a Glance

<table>
<thead>
<tr>
<th>Spares Kit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bilge - Spares</strong></td>
<td>- Whale Gulper Electric Bilge</td>
</tr>
<tr>
<td></td>
<td>- Compac 50 Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Gusher 10 Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Gusher Titan Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Smartbail Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Gulper Electric Bilge - Manual Bilge Pumps - General</td>
</tr>
<tr>
<td></td>
<td>- Gusher 25/30 Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Gusher Urchin Manual Bilge Pump</td>
</tr>
<tr>
<td></td>
<td>- Chimp Manual Bilge Pumps</td>
</tr>
</tbody>
</table>

### Whale Black (toilet) Waste - at a Glance

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACCESSORIES</strong></td>
<td>- Complete the system</td>
</tr>
<tr>
<td></td>
<td>- Diaphragm</td>
</tr>
<tr>
<td></td>
<td>- Valve 1&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Valve 1&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Non-return Valve inline 1&quot;) (38mm) or 38mm (1&quot;) connections</td>
</tr>
<tr>
<td></td>
<td>- Strainer - ¾&quot;) (19mm) or 1 ½&quot;) (38mm) connections</td>
</tr>
<tr>
<td></td>
<td>- Y-piece 1 ½&quot;) (38mm) or 38mm (1&quot;) connections</td>
</tr>
<tr>
<td></td>
<td>- Skinfitting 1 ½&quot;) (38mm) or 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skinfitting 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skirting 1&quot;) (25mm)</td>
</tr>
<tr>
<td></td>
<td>- Skirting 1 ½&quot;) (38mm)</td>
</tr>
</tbody>
</table>

### Quick Guides

- **A Full List of Spares Kits – at a Glance**
- **Whale Gulper® Electric Fishbox/ Baitwell Pumps**
- **Gusher 25/30 Manual Bilge Pump**
- **Gusher 10 Manual Bilge Pump**
- **Gusher Titan Manual Bilge Pump**

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**Note:** The text appears to be a combination of product specifications and instructions, possibly for marine and industrial equipment, detailing various components and spare parts. It's challenging to extract coherent information or questions directly from the text due to its dense and technical nature. It seems to be a mix of product listings and possibly user manuals, with sections on accessories, spares, and general maintenance.
STATEMENT OF LIMITED WARRANTY

The products manufactured and supplied by the Company ("Products"), are warranted to be free from material defects in design, workmanship and material under normal use ("Defects") for (unless otherwise extended in advance in writing by the Company) a period of 12 months from date of purchase, save that the warranty shall not apply where the Defect is attributable to defective materials supplied by third parties. In such event, the only remedy of the buyer of the Products ("Buyer") will be against that third party. This warranty applies only to Products that are properly installed and used in accordance with all oral and written maintenance and operation instructions provided by the Company. The Company shall not be liable for a breach of any of the warranties in this Statement of Limited Warranty if the Buyer makes any further use of the Products after giving the Company notice of any Defect or the Buyer alters or repairs such Products without the written consent of the Company. Products that have been disassembled or modified (without prior written approval of the Company), are not covered by this warranty.

All Products are covered by a 1 year limited warranty (detailed below) from (unless otherwise extended in advance in writing by the Company) date of purchase ("Standard Warranty"). In addition to the Standard Warranty, some individual Products are covered by a further warranty, as detailed in Table 1 below ("Additional Warranty").

In the event that any of the warranties offered by the Company are breached, the Company shall (at its discretion) repair, replace or issue a spares kit for the defective Product subject to prior examination at Company premises. If the Company complies with this paragraph, it shall have no further liability for a breach of the warranties in respect of such Products. Adjustment or replacement of defective parts made under this warranty will not extend the warranty period applicable either under the Standard Warranty and/or the Additional Warranty. The Company shall not bear any costs of removal, installation, transportation, or other charges that may arise in connection with a warranty claim by the Buyer. Such costs shall be the Buyer’s sole responsibility.

No claim in respect of defective Products will be valid unless the alleged defective Products are returned to the Company for inspection, together with proof of purchase. Non-stock/special order items are non-returnable by the Buyer in any circumstances, and this warranty does not apply to prototype models.

EXCLUSIONS:

The Company shall not be liable for any indirect loss or for any special, incidental, punitive or consequential damages suffered by the Buyer and/or any third party, whether this loss arises from breach of a duty in contract or tort or breach of a statutory duty or in any other way, including, without limitation, loss arising from the negligence, default, breach of duty, non-delivery, delay in delivery or defects or errors in the work undertaken by the Company pursuant to the terms of this Statement of Limited Warranty or in connection with any other claim arising in connection with manufacture and/or supply of the Products. In particular, the Company shall not be liable (without limitation) for:

- Loss of profits, increased production costs or other economic injury or loss;
- Loss of contracts or opportunity; and/or
- (in some as is permitted by applicable law) damage to property of the Buyer or any third party.

The Company shall under no circumstances be liable for any breach of its obligations hereunder and/or under any contract governing sale and purchase of the Products ("Contract") resulting from causes beyond its control including but not limited to strikes, lockouts, insurrection or riots, terrorism or civil disorder, embargoes, wrecks or delays in transportation, requirements or regulations of any governmental authority, tempest, earthquake or other natural disaster, flood, bursting or overflowing of water tanks, failure or shortage of power, fuel or other utilities, or loss of data and/or communications due to causes as such referred to in this paragraph.

EXCLUSIONS:

The Company shall not be liable for any indirect loss or for any special, incidental, punitive or consequential damages suffered by the Buyer and/or any third party, whether this loss arises from breach of a duty in contract or tort or breach of a statutory duty or in any other way, including, without limitation, loss arising from the negligence, default, breach of duty, non-delivery, delay in delivery or defects or errors in the work undertaken by the Company pursuant to the terms of this Statement of Limited Warranty or in connection with any other claim arising in connection with manufacture and/or supply of the Products. In particular, the Company shall not be liable (without limitation) for:

- Loss of profits, increased production costs or other economic injury or loss;
- Loss of contracts or opportunity; and/or
- (in some as is permitted by applicable law) damage to property of the Buyer or any third party.

The Company shall under no circumstances be liable for any breach of its obligations hereunder and/or under any contract governing sale and purchase of the Products ("Contract") resulting from causes beyond its control including but not limited to strikes, lockouts, insurrection or riots, terrorism or civil disorder, embargoes, wrecks or delays in transportation, requirements or regulations of any governmental authority, tempest, earthquake or other natural disaster, flood, bursting or overflowing of water tanks, failure or shortage of power, fuel or other utilities, or loss of data and/or communications due to causes as such referred to in this paragraph.

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Please note that by contacting Whale Support you will be indicating your consent to receiving product updates, recall information, help guides and appropriate marketing messages from us via post, email or telephone unless you indicated an objection to receiving such messages.

Santoprene® is a registered trademark of Advanced Elastomer Systems, LP, an ExxonMobil Chemical Alphagel Dutch®. Edur® and Neoprene are registered trade names of Dupont Neoprene and Co.Molper® is a registered trade name of Technimont Apex.

Copyright photograph courtesy of Fairline Boats PLC and Riviera Yachts.

Table 1:

<table>
<thead>
<tr>
<th>Product type</th>
<th>2 years</th>
<th>3 years</th>
<th>5 years</th>
<th>10 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Series Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chromed metal taps (TT)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smartbat Bilge Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orca Bilge Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supersub Bilge Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Heater</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual Bilge Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual Freshwater Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual Toilet Pump</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick Connect Plumbing fittings</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WhaleX tubing</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The period of such Additional Warranty shall commence automatically the date the Standard Warranty expires. Note that these periods may be further enhanced through special offers, or revisions. Please see your product documentation for details.

* Applies to BE: 0500, 0950, 1450 & 1454 only. All other Orca variants have a 1 year warranty. The period of such Additional Warranty shall commence automatically the date the Standard Warranty expires. Note that these periods may be further enhanced through special offers, or revisions. Please see your product documentation for details.

DISCLAIMER

All Products are rated and appropriate for use with water unless otherwise specified by the Company. Compatibility and suitability for other liquids should be verified in writing by the Company prior to such use. All specification information on Products included in Product literature is based on tests using clean cold water unless otherwise specified. Any performance / specification figures shown have been calculated using standard testing procedures. Where maximum output is stated, such maximum output refers to pumps acting at zero lift and zero head. Actual performance may vary depending on the application, installation and environmental factors. Neither the accuracy nor completeness of the information contained in any Product brochure is guaranteed by the Company and may be subject to change at its sole discretion. The Company may, at its sole discretion, change the technical performance, dimensions or appearance of any of its Products without prior notification to purchasers. The Company shall not be liable to a purchaser for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use of a Product. Where dimensions are stated, such dimensions are for guidance only. Inch measurements are conversions from millimetre dimensions and are shown for guidance purposes only. Metric measurements are conversions from inches and are also shown for guidance purposes only to the nearest 1/16. US gallons volumes are conversions from litres and are also shown for guidance purposes only to the nearest 1/16. Please contact the Company directly if precise measurements are required.
<table>
<thead>
<tr>
<th>Country</th>
<th>Distributors</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| **UK**     | Marathon Leisure Ltd.                             | **Tel:** +44 40 6716700  
**Fax:** +44 40 220555  
**Email:** info@watski.com  
**Website:** www.watski.com |
|            | Unipart Marine                                    | **Tel:** +44 40 6716700  
**Fax:** +44 40 220555  
**Email:** info@watski.com  
**Website:** www.watski.com |
| **EUROPE** |                                                      |                                                          |
|            | AUSTRIA                                           | Robert Lindemann KG  
**Tel:** +43 40 2111970  
**Fax:** +43 40 2111970  
**Email:** info@lindemann-kg.de  
**Website:** www.lindemann-kg.de |
|            | BELGIUM                                           | Belship  
**Tel:** +32 304 08040  
**Fax:** +32 304 08041  
**Email:** team@belship.nl  
**Website:** www.belship.be |
|            | CROATIA                                           | Unimar  
**Tel:** +38 54 99 69 691  
**Fax:** +38 54 99 69 691  
**Email:** a.jessen@watski.com  
**Website:** www.watski.com |
|            | DENMARK                                           | Watki  
**Tel:** +45 45 764011  
**Fax:** +45 45 764012  
**Email:** a.jessen@watski.com  
**Website:** www.watki.com |
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**Fax:** +298 313835  
**Email:** bt@bt.fo  
**Website:** www.bt.fo/ |
|            | FINLAND                                           | OY Marttim AB  
**Tel:** +358 8 681631  
**Fax:** +358 9 6216415  
**Email:** maritimm@maritim.fi  
**Website:** www.maritim.fi |
|            | FRANCE                                            | InterDist  
**Tel:** +33 02 99 19 94 55  
**Fax:** +33 02 99 19 94 55  
**Email:** info@interdist.fr  
**Website:** www.interdist.fr |
|            | GERMANY                                           | Robert Lindemann KG  
**Tel:** +49 40 2111970  
**Fax:** +49 40 2111970  
**Email:** info@lindemann-kg.de  
**Website:** www.lindemann-kg.de |
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**Tel:** +35 07 71 183  
**Fax:** +35 07 42535  
**Email:** info@hsheppard.gr  
**Website:** www.hsheppard.gr |
|            | GREECE                                            | Zois Efstatiou S.A.  
**Tel:** +30 1 9409828  
**Fax:** +30 1 9409112  
**Email:** zois@zois.gr  
**Website:** www.zois.gr |
|            | HOLLAND                                           | Belship  
**Tel:** +32 304 08040  
**Fax:** +32 304 08041  
**Email:** team@belship.nl  
**Website:** www.belship.nl |
|            | HUNGARY                                           | Marina Yacht Sport  
**Tel:** +39 48 91461399  
**Fax:** +39 48 91461374  
**Email:** aura@max.pl  
**Website:** www.aura.szczecin.pl |
|            | POLAND                                            | Aura  
**Tel:** +44 85 354000  
**Fax:** +44 85 354004  
**Email:** baldra@baldra.com  
**Website:** www.baldra.com |
|            | SPAIN                                             | Aura  
**Tel:** +44 85 354000  
**Fax:** +44 85 354004  
**Email:** baldra@baldra.com  
**Website:** www.baldra.com |
|            | N.AMERICA AND CANADA                              |                                                      |
|            | USA                                               | Whale Water Systems Inc.  
**Tel:** +1 802 367 1091  
**Fax:** +1 802 367 1095  
**Email:** usasales@whalepumps.com  
**Website:** www.whalepumps.com |
|            | CANADA (WEST)                                     | Payne’s Marine Supply Inc.  
**Tel:** +1 802 367 1091  
**Fax:** +1 802 367 1095  
**Email:** usasales@whalepumps.com  
**Website:** www.whalepumps.com |
|            | CANADA (EAST)                                     | Payne Distributors Inc.  
**Tel:** +1 802 367 1091  
**Fax:** +1 802 367 1095  
**Email:** usasales@whalepumps.com  
**Website:** www.whalepumps.com |
Meet the team

We are here to help with technical info and product or installation advice. We always strive to offer the best customer service for boat builders and boaters alike. Our products and service is backed up by an extensive range of Whale spares and accessories ranges, available through our worldwide distributor network see pages 124-125.

The team is led by Keith Nixon, a technical and commercial sales manager with more than 18 years experience designing Whale product and building strong collaborative relationships with boat builders. Here are a few key contacts

**Meet the team**

**Team Leader**

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Whale - Support (The Americas)
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fax:  +1 802 367 1095

usasales@whalepumps.com
whalepumps.com

Call us directly for product and installation advice

visit us at - www.whalepumps.com