

# Marine Service Catalogue







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

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

Call us directly for product and installation advice

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# **Section 1**

# New Products



At the heart of every Whale IC (Intelligent Control) product lies innovative electronic control circuitry built in. This enables IC sensor accessories to communicate directly with IC pumps to control their performance. These accessories send signals to built-in intelligent software which then control the pumps that react as required.



# Service kits available for the Whale IC range



### Grey IC - WM8284, WM8484

Complete prewired grey waste system - Handles waste from multiple drains using the high capacity Gulper<sup>®</sup> IC pump.

Service Kits:

AK2050 Replacement Pump Head

#### Accessories:

AK2086(B) Deutsch<sup>®</sup> Connector Extension Cable 6m (18ft) AK2081(B) Traditional Deutsch<sup>®</sup> to 2 Spade Connector WM1982(B) (2m/6ft) & WM1984(B) (4m/12ft) Two Way Manifold – <sup>3</sup>/4" (19mm) WM2582(B) (2m/6ft) & WM2584(B) (4m/12ft) Two Way Manifold – 1" (25mm) WM3882(B) (2m/6ft) & WM3884(B) (4m/12ft) Two Way Manifold – 1<sup>1</sup>/2" (38mm)



### Gulley IC - SG8284, SG8484

Complete prewired grey waste management system - Includes a single outlet shower drain gulley linked to the high capacity Gulper<sup>®</sup> IC.

Service Kits:

AK2050 Replacement Pump Head

Accessories:

AK2086(B) Deutsch<sup>®</sup> Connector Extension Cable 6m (18ft)
AK2081(B) Traditional Deutsch<sup>®</sup> to 2 Spade Connector
SG1982(B) (2m/6ft) & SG1984(B) (4m/12ft) Large Gulley IC - <sup>3</sup>/4" (19mm)
SG3482(B) (2m/6ft) & SG3484(B) (4m/12ft) Small Gulley IC - <sup>3</sup>/4" (19mm)



## Bilge IC - SI8284, SI8484

Complete pre-wired bilge system including high capacity Gulper<sup>®</sup> IC pump and Strainer IC to fit in low confined bilge spaces.

5

Service Kits: **AK2050** Replacement Pump Head Accessories: **AK2086(B)** Deutsch<sup>®</sup> Connector Extension Cable 6m (18ft)



### Fresh IC - FW5082, FW5084

Freshwater power shower pump revolutionises pump and system control.

Service Kits:

AK1319 Replacement Strainer

Please note - Fresh IC is not a serviceable product due to sealed electronics.



# Section 2

# Electric and Manual Bilge Pumps



# Electric Bilge Pumps

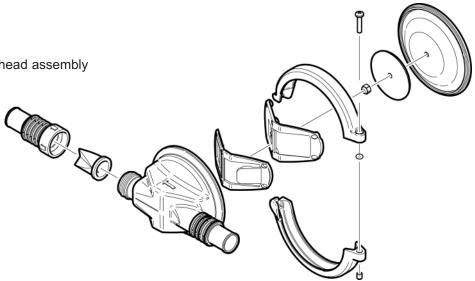


# Gulper® 320 Remote Mount Bilge Pump

### BP2052(B) (12V d.c. version), BP2054(B) (24V d.c. version)



AK2050 Pump head assembly



#### Accessories

SB3422 19mm Strainer/Strumbox (Top/Side entry - retail packed)

EB3364 1" Elbow

LV1215 1" / 1<sup>1</sup>/2" Non Return Valve

SF5131 <sup>3</sup>/4" Skin Fitting

SF5204 1" Skin Fitting

### Service Kits

# AK2050 Replacement Pump Head for Gulper^ 320, $\rm Gulper^{\$}$ 220 and $\rm Gulper^{\$}$ IC

| Qty | Containing              |
|-----|-------------------------|
| 1   | Diaphragm               |
| 1   | Nyloc Nut M5            |
| 1   | Screw Hex M5 x 16mm     |
| 1   | Outlet Valve Tricuspid  |
| 1   | Marine Head 3/4" and 1" |
| 1   | Valve Inlet and Outlet  |
| 1   | Valve Plate             |
| 1   | Outlet Valve Housing    |



AK2050



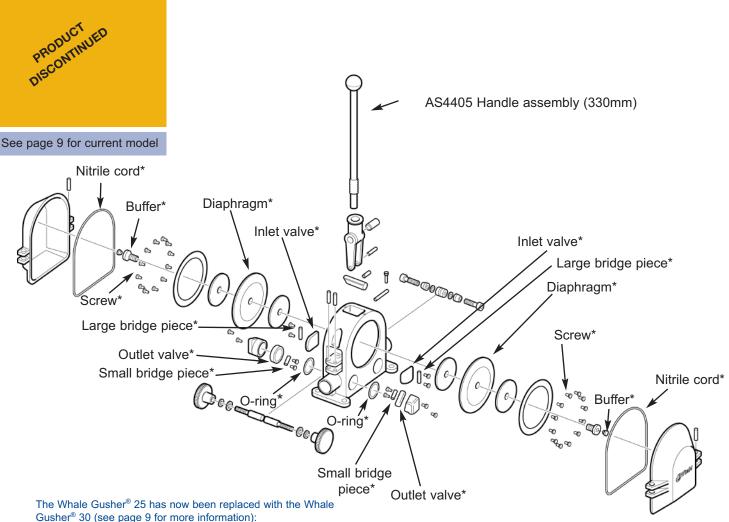
SB3422



# Gusher<sup>®</sup> 25 Pump

### Whale Gusher 25 Pump (discontinued in 1989)





On Deck: BP3000, On Bulkhead: BP3010, Thru Deck: BP3020

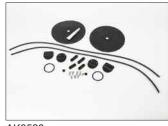
### Service Kits

#### AK3528 Service Kit with Complete Set of Serviceable Parts for Whale Gusher<sup>®</sup> 25 (Nitrile<sup>®</sup>)

| Qty | Containing    |
|-----|---------------|
| 1   | Tube of adhes |

- Tube of adhesive Buffer
- Outlet valve
- O-ring
- Nitrile cord
- 2 2 2 2 2 Inlet valve
- 4 Screw 2BA
- 2 Small bridge piece
- 2 Diaphragm (Nitrile)
- 2 Large bridge piece

AS4405 Handle Assembly s/s with Lanyard (330mm)





AK3528

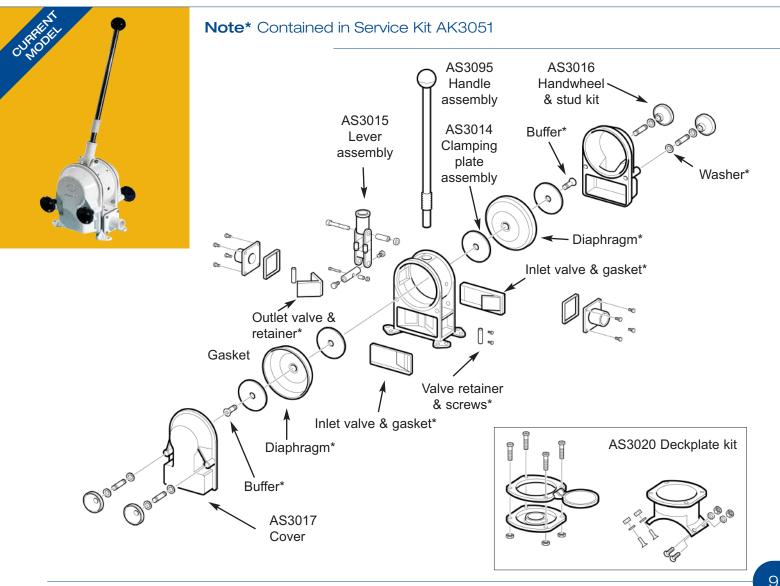
AS4405

# **Whale**

## Gusher<sup>®</sup> 30 Pump

### On Deck: BP3000, On Bulkhead: BP3010, Thru Deck: BP3020

### Largest Capacity Manual Bilge Pump in the Whale Range



#### Accessories

Service Kits

AK3051 Thru Deck Conversion Kit for BP3000

- AS3020 Deckplate Kit Assembly
- AS3095 Spare Handle
- DP3804 Deckplate

#### AK3051 Service Kit of Serviceable Parts for Whale Gusher<sup>®</sup> 30

Qty Containing 2 Screw No 6x11/4" 2 Diaphragm 2 Inlet valve & gasket 1 Outlet valve 2 Valve retainer 2 Valve chamber gasket 4 Washer nylon M10 2 **Buffer** 

#### AS3015 Lever Assembly

| Qty | Containing          |
|-----|---------------------|
| 1   | Fork insert         |
| 1   | Lever               |
| 1   | Lever bush          |
| 2   | Buffer              |
| 1   | Nylon nut M6        |
| 1   | Nylon nut M8        |
| 2   | Clamping screw      |
| 1   | Connecting rod      |
| 1   | Connecting rod bush |
| 1   | Lever bush          |
| 1   | Lever fulcrum bolt  |
| 1   | Body fulcrum bolt   |
|     |                     |

#### AS3016 Handwheel & Stud Kit

| Qty               | Containing                      |
|-------------------|---------------------------------|
| 2                 | Nylon nut M8                    |
| 2                 | Stud                            |
| 2                 | Washer nylon M10                |
| 2                 | Hand wheel nut                  |
| AS30 <sup>-</sup> | 17 Cover Gusher <sup>®</sup> 30 |
| Qty               | Containing                      |
| 1                 | Cover                           |
|                   |                                 |



# Gusher<sup>®</sup> 30 Pump

### On Deck: BP3000, On Bulkhead: BP3010, Thru Deck: BP3020

Largest Capacity Manual Bilge Pump in the Whale Range



AK3051



AS3017



AS3014



AS3020



AS3015



AS3095



AS3016



AS3725



DP3804

### Service Kits (Continued)

#### AS3725 Gaiter Kit for Deckplates

- Qty Containing
- Gaiter (for metal or plastic deckplate) 1
- O-ring (for metal deckplate) 1

#### AS3020 Deckplate Kit Assembly

- Qty Containing
- 4 Nut M6
- Lid 1
- 1 Deckplate 1
- O-ring (deckplate lid) Nyloc nut M6 1
- Gaiter 1
- Underdeck bracket 1 4
- Screw HEX HD M6x20 4
- Screw M6x50

#### AS3014 Clamping Plate Kit Qty Containing

- 4 **Clamping plates**
- 2 Clamping screws
- 2 **Buffers**

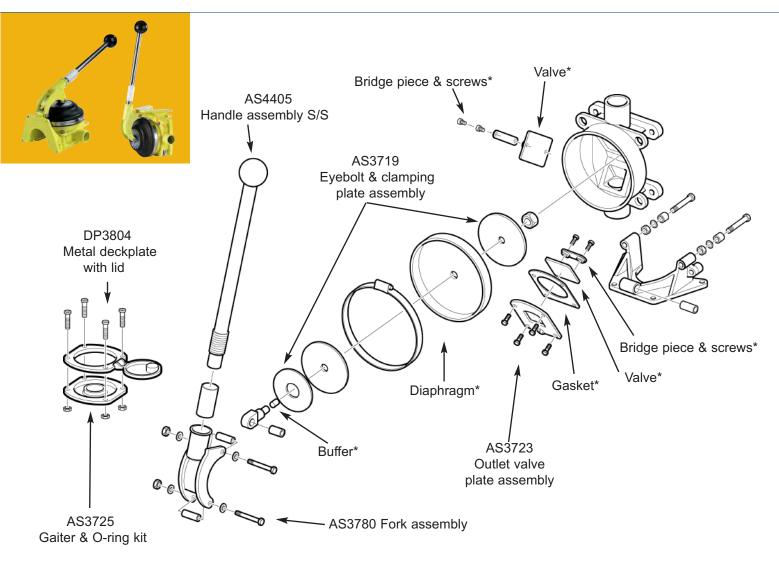
AS3095 Handle Assembly (Standard) s/s 450mm

# Gusher® 10 Mk 3

#### On Deck/Bulkhead: BP3708, Thru Deck/Bulkhead: BP3740 - Diecast Alloy Bilge Pump

Note\* Contained in Service Kit AK3076 (Neoprene™) or AK3714 (Nitrile®)

**Whale**<sup>®</sup>



| Accessories                               | Ser  | vice Kits                            |              |                     |                |                      |  |
|---|--|--------------------------------------|--------------|---------------------|----------------|----------------------|--|
| DP3804 Alloy Deckplate                    |  | of Serviceable Parts for Whale C     |              | -                   |                | AS3780 Fork Assembly |  |
| DP8904 Plastic Deckplate with Lid         |  |                                      |              | ping Plate Assembly | Qty            | Containing           |  |
|   | Gusher <sup>®</sup> 10 Mk 2 & Mk 3 Pumps                               |                                      | Qty          | Containing          | 1              | Fork                 |  |
| AS4405 Spare Handle                       | (Neol  | (Neoprene™) (See list below)         |              | Clamping plate      | 1              | Insert fork          |  |
|   | AK3714 Service Kit with Complete Set<br>of Serviceable Parts for Whale | 14 Comvies Kit with Complete Cot     | 1            | Nut                 | 2              | Bolt                 |  |
| SB4222 Side Entry Strainer                |  | 1                                    | Fulcrum bush | 2                   | Fulcrum sleeve |                      |  |
|   |  | 1                                    | Eyebolt      | 2                   | Nut            |                      |  |
| SB5865 Top Entry Strainer                 |  | er <sup>®</sup> 10 Mk 2 & Mk 3 Pumps | 1            | Buffer              | 4              | Washer               |  |
| SF5425 1 <sup>1</sup> /2" Skin Fitting    | (Nitri   | le°)                                 | 1            | Label               | 2              | Fulcrum bush         |  |
| SF3425 11/2 Skin Fitting                  | Qty  | Containing                           |              |                     |                |                      |  |
| LV1215 1" / 1 <sup>1</sup> /2" Non Return | 2  | Valve (Mk 2 pump only)               |              |                     |                |                      |  |
| Valve                                     | 4  | Screw <sup>3</sup> /8"               |              |                     |                |                      |  |
| EB3488 1 <sup>1</sup> /2" Elbow           | 4  | Screw 1/2"                           |              |                     |                |                      |  |
|   | 2  | Bridge piece                         |              |                     |                |                      |  |
|   | 1  | Diaphragm                            |              |                     |                |                      |  |
|   | 1  | Buffer                               |              |                     |                |                      |  |

Valve (Mk 3 pump only) Gasket (Mk 3 pump only)

2 1

Service kits and images continue on the next page See page 60 for further contact information 11



## Gusher<sup>®</sup> 10 Mk 3

### On Deck/Bulkhead: BP3708, Thru Deck/Bulkhead: BP3740 -

**Diecast Alloy Bilge Pump** 



AK3706



AS3725



DP8904



AK3714



AS3780



SB4222



AS3719



AS4405



SB5865



AS3723



DP3804



SF5425

Note: Cast body and mounting bracket are not available as service parts.

### Service Kits

#### AS3723 Outlet Valve Plate Assembly (Mk 3 only)

- Qty Containing
- 2 Screw 4 Screw
- 4 Screw
- 1 Bridge piece
- Valve (Mk 3 Pump)
   Valve plate
- 1 Gasket
- Guonor

#### AS3725 Gaiter Kit for Deckplates

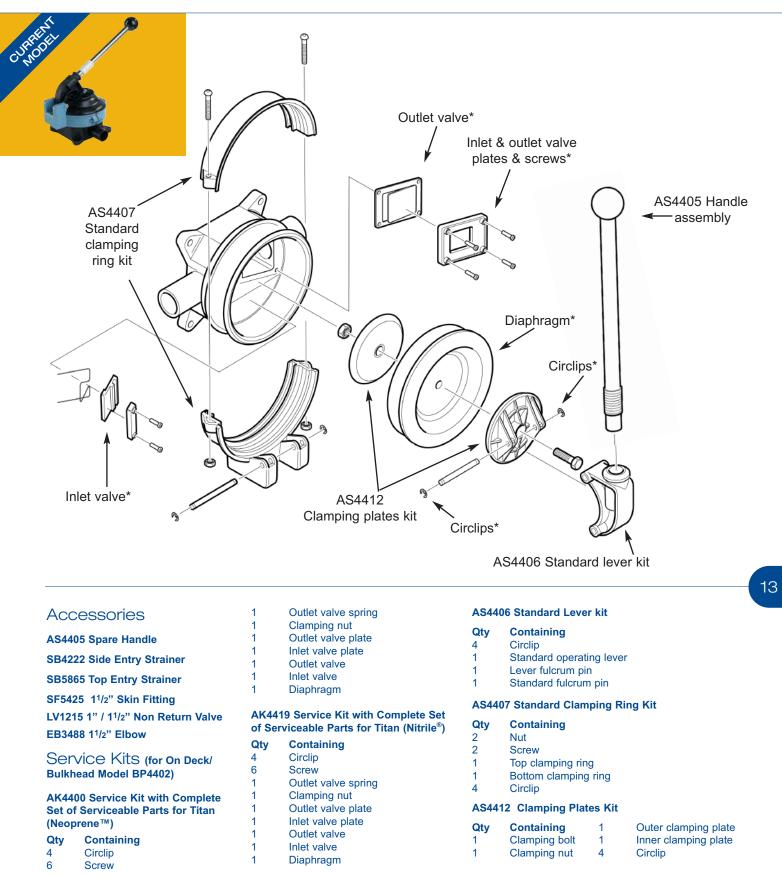
- Qty Containing
- 1 Gaiter (for metal or plastic deckplate)
- 1 O-ring (for metal deckplate)

### **Gusher® Titan Standard**

### On Deck/Bulkhead: BP4402 - Powerful Lightweight Bilge and Waste Pump

#### Note\* Contained in Service Kit AK4400 (Neoprene™) or AK4419 (Nitrile®)

Whale®

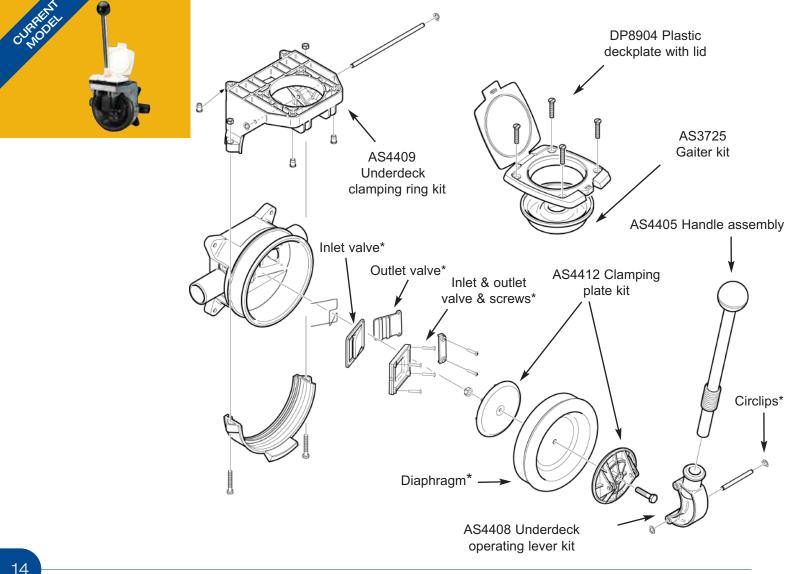


See page 60 for further contact information Service kits and images continue on page 15

# **Gusher® Titan Underdeck**

### Underdeck: BP4410 - Powerful Lightweight Bilge and Waste Pump

Note\* Contained in Service Kit AK4400 (Neoprene™) or AK4419 (Nitrile®)



### Accessories

**DP8904 Plastic Deckplate Kit** 

**Vhale**<sup>®</sup>

AS4405 Spare Handle

SB4222 Side Entry Strainer

- SB5865 Top Entry Strainer
- SF5425 11/2" Skin Fitting

LV1215 1" / 11/2" Non Return Valve

#### EB3488 11/2" Elbow

Service Kits (for Underdeck Model BP4410)

AK4400 Service Kit with Complete Set of Parts for Titan (Neoprene<sup>™</sup>) (See list below)

AK4419 Service Kit with Complete Set of Parts for Titan (Nitrile®)

#### Qty Containing

- Circlip 4
- 6 Screw Outlet valve spring 1
- Clamping nut
- 1 Outlet valve plate
- 1 1
- Inlet valve plate
- Outlet valve
- Inlet valve
- Diaphragm 1

#### AS4408 Underdeck Operating Lever Kit

Qty Containing

1

1

1

- Circlip 4
  - U/D operating lever
  - U/D fulcrum pin
  - Lever fulcrum pin

#### AS3725 Gaiter Kit for Deckplates

#### Qty Containing

- Gaiter (for plastic or metal deckplate)
- O-ring (for metal deckplate Whale 1 Gusher 10 & Whale Gusher 30 only)



# **Gusher® Titan**

### **On Deck/Bulkhead: BP4402**

### **Underdeck: BP4410**



AK4400



AS4406 for BP4402



AS4412



AK4419



AS4407 for BP4402



DP8904



AS3725



AS4408 for BP4410



SB4222 / SB5865



AS4405



AS4409 for BP4410



SF5425

Service Kits (Continued)

#### **DP8904 Plastic Deckplate with Lid**

| Qty | Containing      |
|-----|-----------------|
| 1   | Deckplate & lid |
| 1   | Gaiter          |
| 6   | Screws M6x40    |
| 6   | Nuts M6         |
| 6   | Washers M6      |
|     |                 |

#### AS4412 Clamping Plate Kit

| Qty | Containing           |
|-----|----------------------|
| 1   | Clamping bolt        |
| 1   | Clamping nut         |
| 1   | Outer clamping plate |
| 1   | Inner clamping plate |
| 4   | Circlip              |

AS4409 Underdeck Clamping Ring Kit

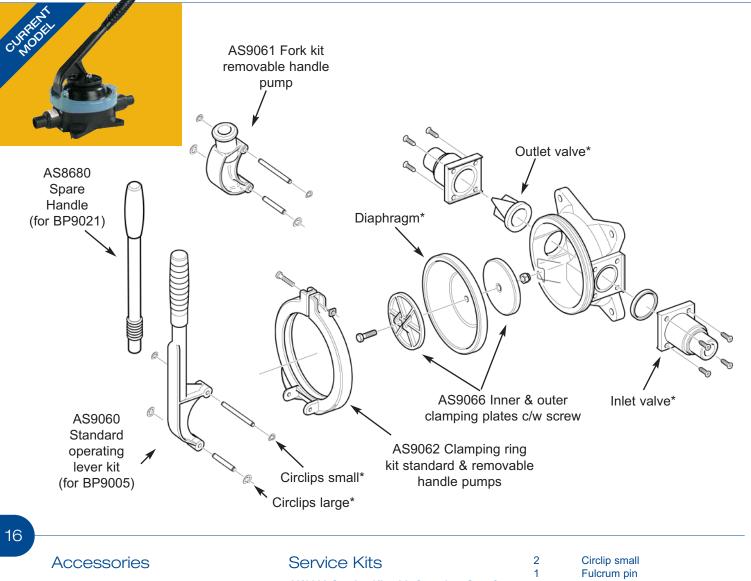
| Qty | Containing                    |
|-----|-------------------------------|
| 2   | Nut                           |
| 4   | Circlip                       |
| 4   | Inserts for U/D clamping ring |
| 2   | Screw                         |
| 1   | U/D clamping ring             |
| 1   | Top clamping ring             |

### **Vhale**® **Gusher® Urchin Compact Bilge and Waste** Pump

### On Deck/Bulkhead: BP9005 - Fixed Handle Compact Bilge & Waste Pump

### On Deck/Bulkhead: BP9021 - Removable Handle Compact Bilge & Waste Pump

#### Note\* Contained in Service Kit AK9003 (Neoprene™) or AK9011 (Nitrile®)



AK9003 Service Kit with Complete Set of Serviceable Parts for Urchin (Neoprene™) AK9011 Service Kit with Complete Set of Serviceable Parts for Urchin (Nitrile®)

| Qty | Containing    |
|-----|---------------|
| 1   | Diaphragm     |
| 1   | Inlet valve   |
| 1   | Outlet valve  |
| 2   | Circlip small |
| 2   | Circlip large |
|     |               |

#### AS9060 Standard Operating Lever Kit

| Qty | Containing           |
|-----|----------------------|
| 1   | Lever sleeve (black) |
| 1   | Lever                |
| 1   | Short fulcrum pin    |

2

Circlip large

See page 60 for further contact information

#### AS9061 Fork Assembly for Underdeck & **Removable Handle Pumps**

| Qty | Containing                     |
|-----|--------------------------------|
| 1   | Short fulcrum pin              |
| 1   | Fork                           |
| 2   | Circlip small                  |
| 2   | Circlip large                  |
| 1   | Long fulcrum pin (underdeck)   |
| 1   | Fulcrum pin (removable handle) |

#### AS9062 Clamping Ring Kit for Standard & **Removable Handle Pumps**

| Qty | Containing     |  |  |
|-----|----------------|--|--|
| 1   | Clamping ring  |  |  |
| 1   | Pinching screw |  |  |
| 1   | Nut            |  |  |
| 2   | Circlip small  |  |  |
| 2   | Circlip large  |  |  |

AS8680 Spare Handle (for BP9021 only) SB4222 Side Entry Strainer SB5865 Top Entry Strainer

SF5204 1" Skin Fitting

SF5425 11/2" Skin Fitting

YP6114 11/2" Y Piece

YP6130 <sup>1</sup>/2" Y Piece

LV1215 1" / 11/2" Non Return Valve

LV1219 3/4" / 1" Non Return Valve

EB3364 1" Elbow

EB3488 11/2" Elbow

# Gusher<sup>®</sup> Urchin Compact Bilge and Waste Pump

On Deck/Bulkhead: BP9005 - Fixed Handle Compact Bilge & Waste Pump

On Deck/Bulkhead: BP9021 - Removable Handle Compact Bilge & Waste Pump



**Vhale**°

AK9003



AS9062



SF5204/SF5425



AK9011



AS8680 for BP9021 only



EB3363/EB3488



AS9060 - BP9005



AS9066



YP6114



AS9061 - BP9021



SB4222 / SB5865



LV1215

### Service Kits

#### AS9066 Inner & Outer Clamping Plate Kit

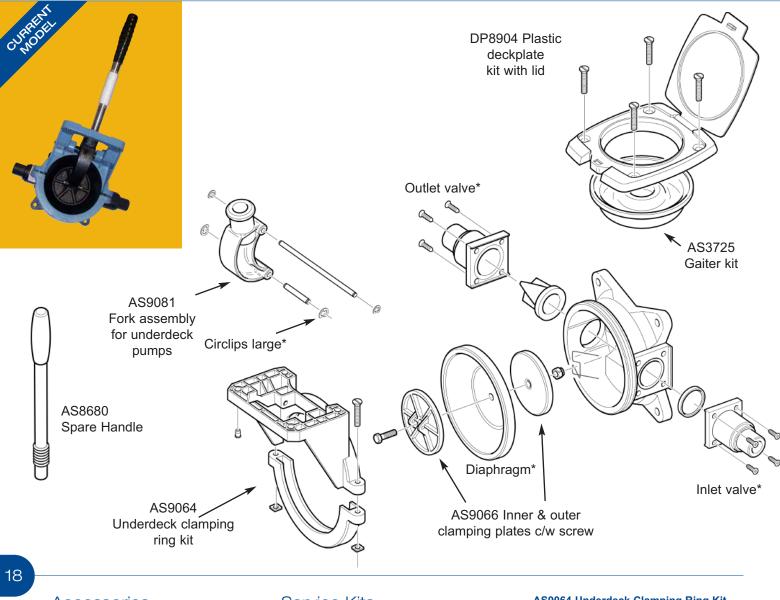
| Qty | Containing |
|-----|------------|
|-----|------------|

- 1 Clamping nut nylon
- 1 Inner clamping plate 1 Outer clamping plate
- Outer clamping plate
   Clamping screw
- 2 Circlip small
- 2 Circlip large

# **Gusher® Urchin Underdeck**

### Underdeck: BP9013 - Compact Bilge & Waste Water Transfer Pump

#### Note\* Contained in Service Kit AK9003 (Neoprene™) or AK9011 (Nitrile®)



Accessories

AS8680 Spare Handle

SB4222 Side Entry Strainer

**Whale**°

SB5865 Top Entry Strainer

SF5204 1" Skin Fitting

SF5425 11/2" Skin Fitting

YP6114 11/2" Y Piece

LV1215 1" / 11/2" Non Return Valve

EB3364 1" Elbow

EB3488 11/2" Elbow

### Service Kits

AK9003 Service Kit with Complete Set of Parts for Urchin (Neoprene™) (See list below)

AK9011 Service Kit with Complete Set of Parts for Urchin (Nitrile<sup>®</sup>)

QtyContaining1Diaphragm1Inlet valve1Outlet valve2Circlip small2Circlip large

#### AS9064 Underdeck Clamping Ring Kit

#### Qty Containing

- U/D clamping ring
   Pinching screw
- 4 Insert
  - Nut

1

4 Circlip

#### AS3725 Gaiter Kit for Deckplates

#### Qty Containing 1 Gaiter (for p

- Gaiter (for plastic or metal deckplate)
- 1 O-ring (for metal deckplate Whale Gusher 10 & Whale Gusher 30 only)



### Underdeck: BP9013 - Compact Bilge & Waste Water Transfer Pump



### Service Kits (Continued)

Whale

#### AS9066 Inner & Outer Clamping Plate Kit

| Qty | Containing           |
|-----|----------------------|
| 1   | Clamping nut nyloc   |
| 1   | Inner claping plate  |
| 1   | Outer clamping plate |
| 1   | Clamping screw       |
| 2   | Circlip (small)      |
| 2   | Circlip (large)      |

#### DP8904 Plastic Deckplate with Lid

| Qty | Containing |
|-----|------------|
| QUY | Containing |

- 1 Deckplate & lid
- 1 Gaiter
- 6 Screws M6x40
- 6 Nuts M6
- 6 Washers M6

#### AS9061 Fork Assembly

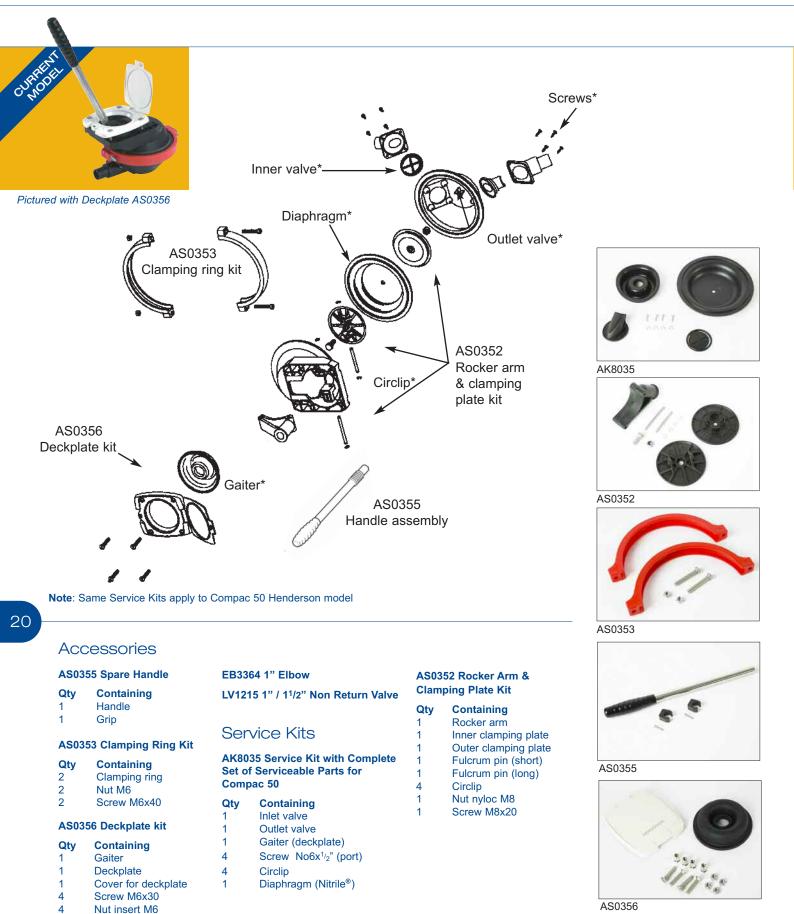
| Qty | Containing                     |
|-----|--------------------------------|
| 1   | Short fulcrum pin              |
| 1   | Fork                           |
| 2   | Circlip large                  |
| 2   | Circlip small                  |
| 1   | Long fulcrum pin (underdeck)   |
| 1   | Fulcrum pin (removable handle) |

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# Whale Compac 50

### Thru Deck Bulkhead Pump: BP0350 - Low Profile Underdeck Bilge Pump

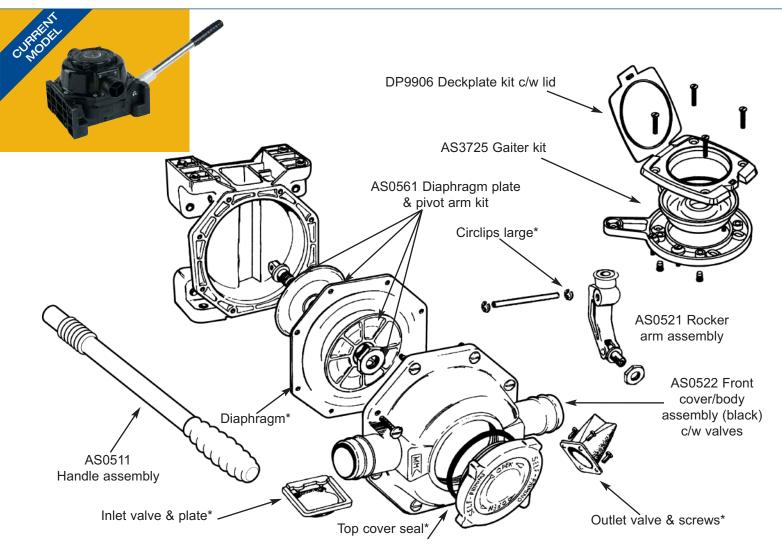


See page 60 for further contact information

# **Mk 5 Universal Pump**

### BP0510/MH0510 - Bilge and Waste Water Transfer Pump

#### Note\* Contained in Service Kit AK8050



Note: Same Service Kits apply to Mk 5 Universal Henderson model

#### Accessories

### Service Kits

Qty

1

2

1

1

1 2

2

2

8

8

DP9906 Deckplate Kit (includes cover)

#### AS0511 Spare Handle

AS3725 Gaiter Kit for Deckplates

| Qty                              | Containing                   |  |
|----------------------------------|------------------------------|--|
| 1                                | Gaiter (for plastic or metal |  |
|                                  | deckplates)                  |  |
| 1                                | O-ring (for metal deckplate  |  |
|                                  | G10 & G30 only)              |  |
| YP6114 11/2" Y Piece             |                              |  |
| EB33488 1 <sup>1</sup> /2" Elbow |                              |  |
| 11/404E 47 / 41/07 Non Deturn    |                              |  |

LV1215 1" / 1<sup>1</sup>/2" Non Return Valve SF5425 1<sup>1</sup>/2" Skin Fitting

#### AK8050 Service Kit with Complete Set of Serviceable Parts for Mk 5 Universal Pump

**Containing** Inlet valve plate Inlet valve Valve screw long Top cover seal Diaphragm Outlet valve Valve screw long Circlip large Circlip small Screw M5x25 Nut M5



DP9906

AS0511





AK8050



See page 60 for further contact information Service kits

Service kits and images continue on the next page

21



# **Mk 5 Universal Pump**

BP0510/MH0510 - Bilge and Waste Water Transfer Pump



AS0522



SF5425



AS3725



YP6114



EB3488

LV1215

#### Service Kits (Continued)

#### AS0521 Rocker Arm Assembly

| Qty | Containing     |
|-----|----------------|
| 1   | Rocker arm     |
| 1   | Pivot arm      |
| 1   | Rocker arm nut |
| 1   | Pivot pin      |
| 1   | Hinge pin      |
| 2   | Circlip large  |
| 2   | Circlip small  |

#### AS0561 Diaphragm Plate & Pivot Arm Kit

Qty Containing 1

2

1

2

- Pivot arm
- Diaphragm plate Rocker arm nut
- Circlip small

#### AS0522 Front Cover/ Body Assembly (black) c/w Valves

| Qty | Containing               |
|-----|--------------------------|
| 1   | Top cover                |
| 1   | Front cover/body (black) |
| 1   | Inlet valve plate        |
| 1   | Inlet valve              |
| 2   | Valve screw short        |
| 1   | Top cover seal           |
|     |                          |

- 8 Assembly screw
- Outlet valve 1
- 2 Valve screw long

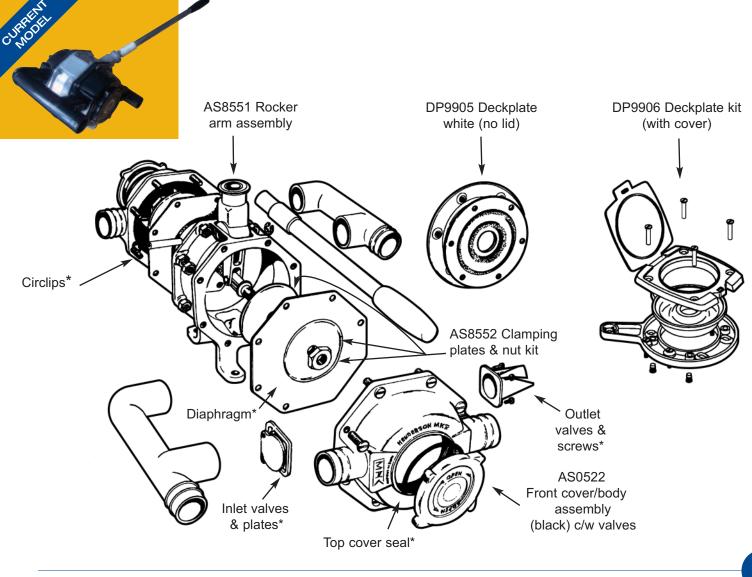
See page 60 for further contact information



# **Mk 5 Double Action Pump**

### Bulkhead: MH5550, Underdeck: MH5560, On Deck: MH5570

#### Note\* Contained in Service Kit AK8060



### Accessories

### Service Kits

2 2

4

2

2 2

4

2

4

#### DP9905 Deckplate White (no lid)

| Qty | Containing              |
|-----|-------------------------|
| 1   | Deckring white          |
| 1   | Deckseal (with 6 holes) |
| 4   | Screws                  |
| 4   | Nuts                    |
| 4   | Screws M6x40            |
| 2   | Screws M6x40 CH         |

**DP9906 Deckplate Kit (includes** cover)

YP6114 1<sup>1</sup>/2" Y Piece

EB3488 1<sup>1</sup>/2" Elbow

LV1215 1" / 11/2" Non Return Valve SF5425 1<sup>1</sup>/2" Skin Fitting

AK8060 Service Kit with **Complete Set of Serviceable** Parts for Mk V Double Acting

Containing Qty Inlet valve plate Inlet valve Valve screw short Top cover seal . Diaphragm Outlet valve Valve screw long Circlip large Circlip small



AK8060



AS0522

23



# **Mk 5 Double Action Pump**

### Bulkhead: MH5550, Underdeck: MH5560, On Deck: MH5570



AS8552



EB3488



AS8551



LV1215



DP9905



SF5425



DP9906



YP6114

### Service Kits (Continued)

| 22 Front Cover/ Body     | AS855   | 1 Rocket Arm Assembly  |
|--------------------------|---|--|
| mbly (black) c/w valves  | Qty Containing  |  |
| Containing               | 2   | Pivot bush   |
| Top cover                | 1   | Pivot arm  |
| Front cover/body (black) | 1   | Rocker arm   |
| Inlet valve plate        | 1   | Fulcrum sleeve   |
| Inlet valve              | 1   | Fulcrum bush   |
| Valve screw short        | 2   | Nut diapragm   |
| Top cover seal           | 1   | Hinge pin  |
| Assembly screw           | 1   | Bolt M6x50   |
| Outlet valve             | 1   | Nut nyloc M6   |
| Valve screw long         | 1   | Fork insert  |
|                          | 2   | Circlip (large)  |
|                          | 2   | Circlip (small)  |
|                          | mbly (black) c/w Valves<br>Containing<br>Top cover<br>Front cover/body (black)<br>Inlet valve plate<br>Inlet valve<br>Valve screw short<br>Top cover seal<br>Assembly screw<br>Outlet valve | mbly (black) c/w ValvesQtyContaining2Top cover1Front cover/body (black)1Inlet valve plate1Inlet valve1Valve screw short2Top cover seal1Assembly screw1Outlet valve1Valve screw long1 |

| AS8552  | Clamping | Plates | & |
|---------|----------|--------|---|
| Nut Kit |          |        |   |

| Qty | Containing              |
|-----|-------------------------|
| 4   | Clamping plates (alloy) |

2

Rocker arm nuts

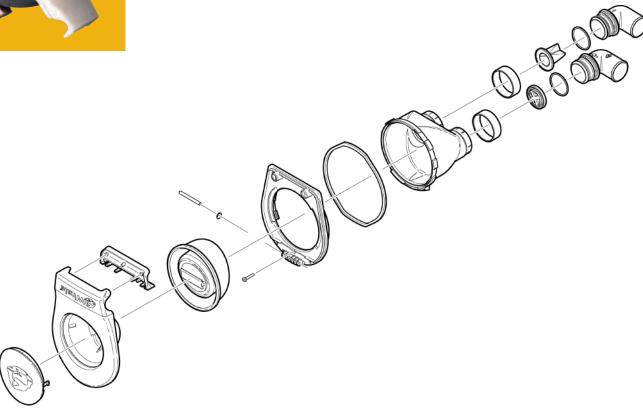


### **Smartbail**

BP5012, BP5010B, BP5021B - Compact Manual Bilge Pump Fast Installation

#### Note\* Contained in Service Kit AK5010





### Service Kits

#### AK5010 Serviceable Parts Kit for Smartbail

| Qty | Containing  | 3       |
|-----|-------------|---------|
| 1   | Inlet valve | (Nitril |

- Inlet valve (Nitrile<sup>®</sup>)
   Outlet valve (Nitrile<sup>®</sup>)
- 1 Overmould diaphragm (Santoprene®)
- 1 Pivot pin
- 1 Flat seal
- 1 Screw 4 mm x 20 mm
- 1 Washer starlock M5 S/Steel
- 2 O-ring



AK5010



# **Section 3**

Electric and Manual Freshwater Pumps



# **Electric Galley Pump Range**

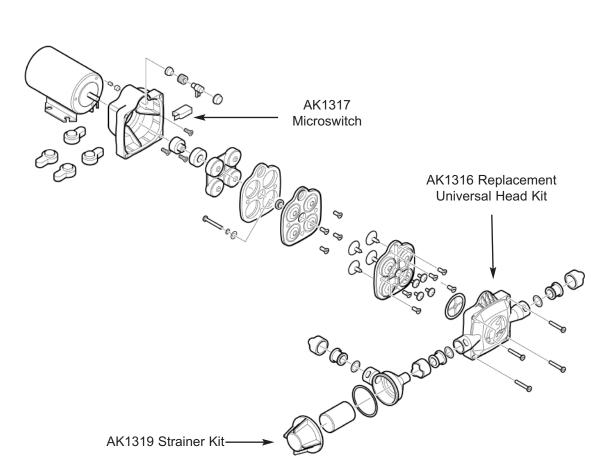


# Universal

#### Universal - Automatic Freshwater/Washdown Pressure Pump Range

UF0812, UF0815, UF1212, UF1214, UF1215, UF1225, UF1815, UF1825, UF2014, UF2015, UF8015, UF8025 - Introduced 2005.





Note: UF models replaced UP codes. UF models come with Quick Connect 15mm heads. This head can be retrofitted to UP models using Service Kit AK1316

### Service Kits

#### AK1316 Service Kit for Universal Pump Head

- Qty Containing
- 1 Replacement head (includes front cover).
- Also retrofits to obsolete UP style Universals, or WD Washdown kits

#### AK1317 Universal Microswitch Kit

QtyContaining1Microswitch

#### AK1319 Replacement Strainer

- Qty Containing
- 1 Strainer
- AK1329 Replacement Strainer (for saltwater use)
- Qty Containing
- 1 Strainer







AK1317



See page 60 for further contact information

AK1319/AK1329 (for saltwater use)

27

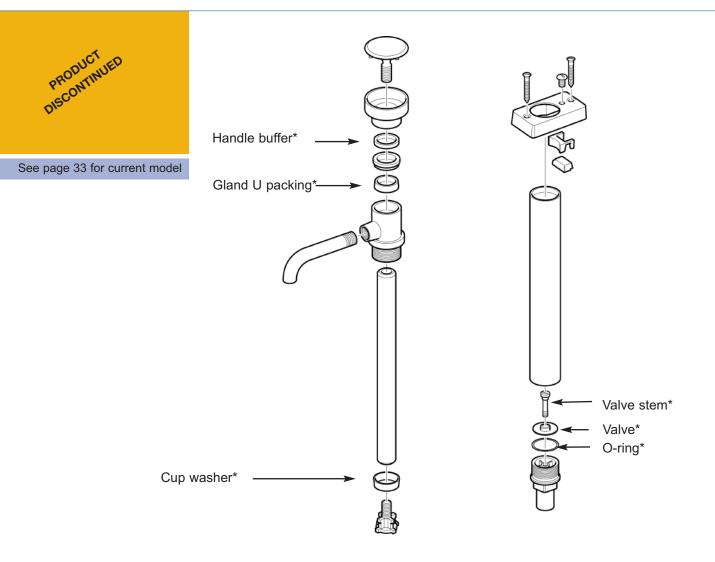
Manual Galley Pump - Hand Operated



# V-Pump Mk 5

### V Pump Mk 5 - Vertical Self-Priming Hand Pump (discontinued in 1993)

#### Note\* Contained in Service Kit AK0618



#### Mk 1-4 service kits are no longer available. Replace hand pump with Model GP0650

## Service Kits

AK0618 Service Kit with Complete Set of Serviceable Parts for V-Pump Mk 5 & Mk 6

| Qty | Containing         |
|-----|--------------------|
| 1   | Handle buffer      |
| 1   | Cup packing        |
| 1   | Buffer (Mk 6 only) |
| 1   | Valve              |
| 1   | Valve stem         |

- 1
- O-ring Gland U packing 1
- 1 O-ring
- O-ring (Mk 6 only) 1



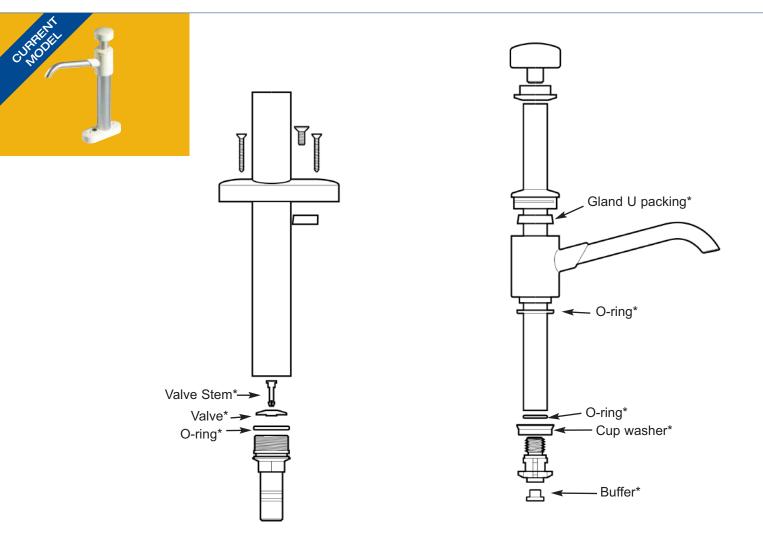
Manual Galley Pump - Hand Operated



V-Pump Mk 6

### V-Pump Mk 6 GP0650 - Vertical Self-Priming Hand Pump

#### Note\* Contained in Service Kit AK0618



### Service Kits

AK0618 Serviceable Parts Kit for V-Pump Mk 5 & Mk 6

- Qty Containing
- 1 Handle buffer (Mk 5)
- 1 Cup packing
- 1 Buffer 1 Valve
- 1 Valve stem
- 1 O-ring (plunger cup seat)
- 1 Grand U packing
- 1 O-ring (base)
- 1 O-ring (head)



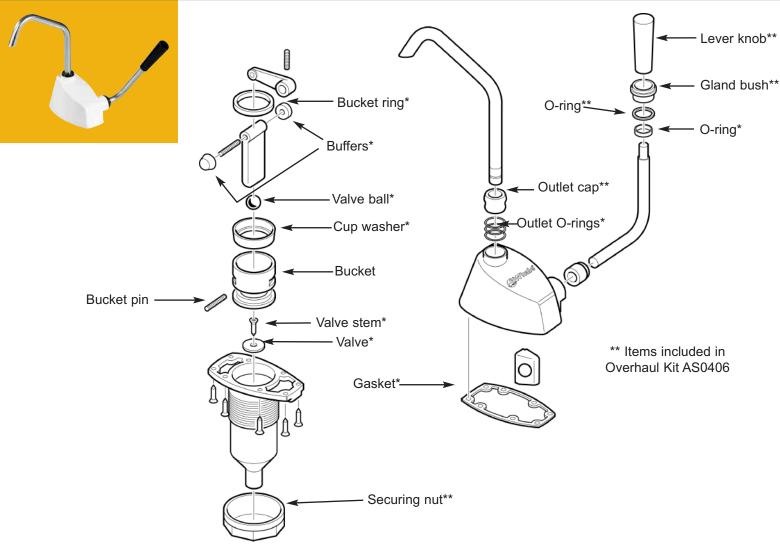
29



# Flipper Mk 3 & 4

### Flipper Pump GP0418 - Self-Priming Lever Operated Hand Pump

#### Note\* Contained in Service Kit AK0405



Flipper Mk 3 discontinued and replaced by Mk 4. Mk 1 and 2 service kits are not available

#### Service Kits

#### AK0405 With Complete Set of Serviceable Parts for Flipper Mk 3 & Mk 4

| Qty | Containing            |
|-----|-----------------------|
| 3   | O-ring (3 per outlet) |
| 1   | Gasket                |
| 1   | Bucket ring           |
| 1   | Cup washer            |
| 1   | Valve ball            |
| 2   | Buffer                |
| 1   | O-ring                |
| 1   | O-ring (gland bush)   |
| 1   | Valve stem            |
| 1   | Valve                 |
|     |                       |

| AS0406 Flipper Overhaul Kit |              |
|-----------------------------|--------------|
| Qty                         | Containing   |
| 1                           | Outlet cap   |
| 1                           | Gland bush   |
| 1                           | Securing nut |
| 1                           | Cover knob   |
| 1                           | O-ring       |



AK0405



AS0406

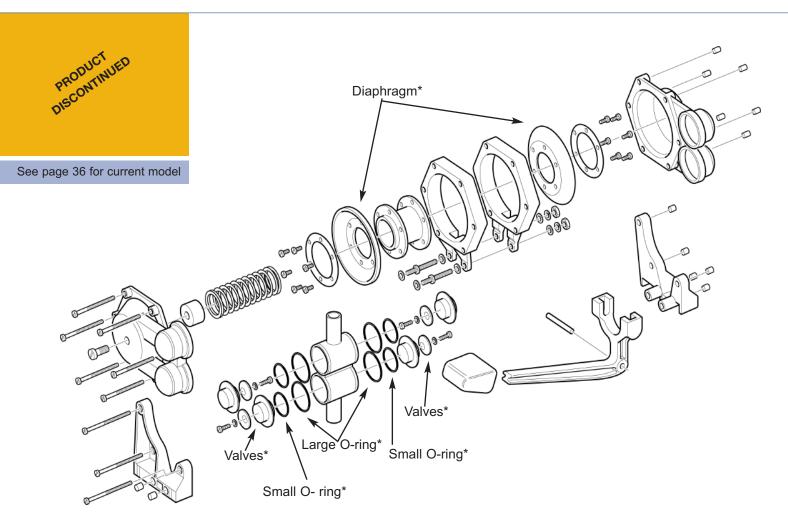
# Manual Galley Pump - Foot Operated

# **Gusher® Galley Mk 2 Pump**

### Gusher® Galley Mk 2 - discontinued in 1984

#### Note\* Contained in Service Kit AK0502

**Whale**°



#### Pump replaced in 1984 by Gusher Galley Mk 3 (see page 36). Mk 1 stock is not available

#### Service Kits

AK0502 Service Kit with Complete Set of Serviceable Parts for Whale Gusher Galley Mk 2

#### Qty Containing

- 4 Small O-ring
- 4 Valve
- 4 Large O-ring
- 2 Diaphragm

**Note:** This product is now out of production and has been replaced by Whale Gusher Galley Mk 3 Pump. (See Page 36). No other service kits are available for this pump.

For further details of our current product range, please visit our web site **www.whalepumps.com** 



31

AK0502

# Manual Galley Pump - Foot Operated

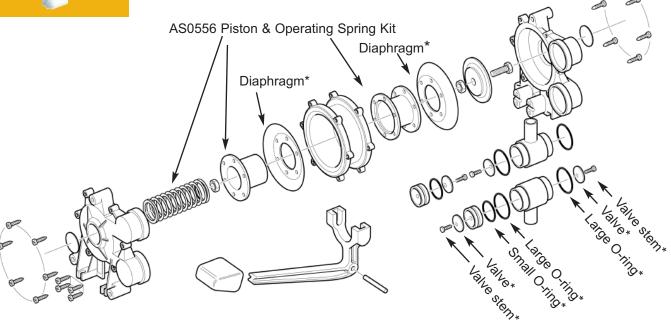
# Whale

# Gusher<sup>®</sup> Galley Mk 3 Pump (Introduced 1984)

Gusher<sup>®</sup> Galley Mk 3 Pump GP0550 (Right Hand Version) GP0551 (Left Hand Version) - Foot Operated Fresh Water Pump.

Note\* Contained in Service Kit AK0553 - Introduced 1984





#### Accessories

WF1530 Silverised Carbon Water Filter (inline)

### Service Kits

AK0553 Service Kit with Complete Set of Serviceable Parts for Whale Gusher<sup>®</sup> Galley Mk 3

| Qty | Containing         |
|-----|--------------------|
| 2   | Small O-ring       |
| 4   | Valve              |
| 4   | Valve stem         |
| 4   | Large O-ring       |
| 4   | Self tapping screw |
|     | 0                  |

- 1 Sealing washer
- 2 Diaphragm

#### AS0556 Piston & Operating Spring Kit

### Qty Containing

1

1

1

1

1

1

1

- Nut M6 Operating spring Clamping cup Piston
- Clamping plate
- Sealing washer
- Screw M6



WF1530



AK0553



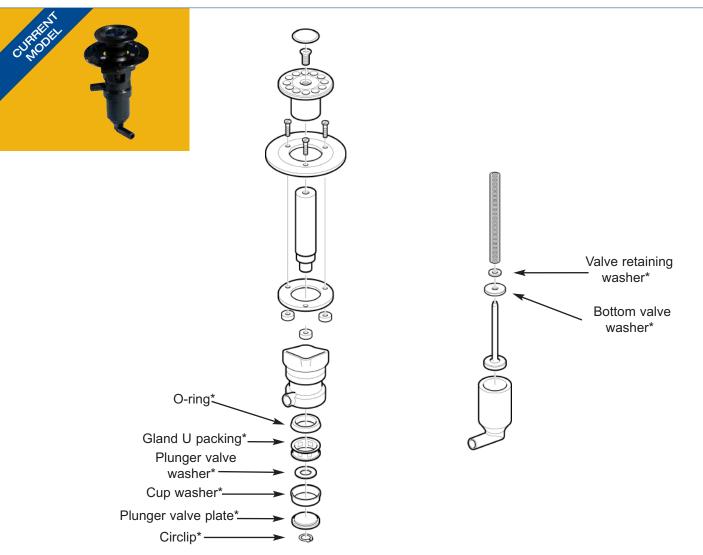
AS0556



# **Tiptoe Pump Mk 4**

### Tiptoe Pump Mk 4 GP1309 - Self-Priming Fresh Water Pump. Introduced 1999.

#### Note\* Contained in Service Kit AK1304



### Accessories

WF1530 Silverised Carbon Water Filter (inline)

### Service Kits

#### AK1304 Service Kit with Complete Set of Serviceable Parts for Tiptoe Mk 3 or Mk 4

- Qty Containing
- 1 Cup washer 1 Gland U packing
- Bottom valve washer
- I Plunger valve washer
- Plunger valve plate
- Circlip
- 1 Valve retaining washer
- 1 O-ring

1

1



AK1304



WF1530

# Manual Galley Pump - Foot Operated

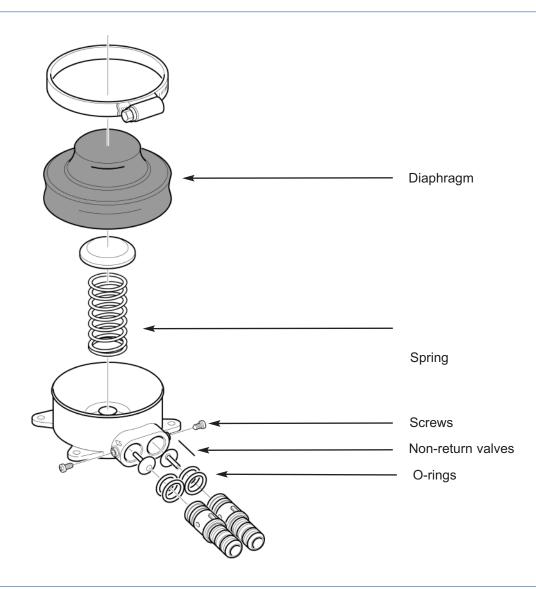


### Babyfoot Pump GP4618 - Self-Priming Compact Foot Pump

### Note\* For product manufactured after July 2003



**Whale**<sup>®</sup>



#### Accessories

WF1530 Silverised Carbon Water Filter (inline)

#### Service Kits

#### AK4615 Serviceable Parts Kit

- Qty Containing
- 1 Diaphragm neoprene
- 1 Spring
- 2 Screw
- 4 O-ring
- 2 Non return valve



AK4615



WF1530

# Faucets - Tough, Lightweight ABS Range

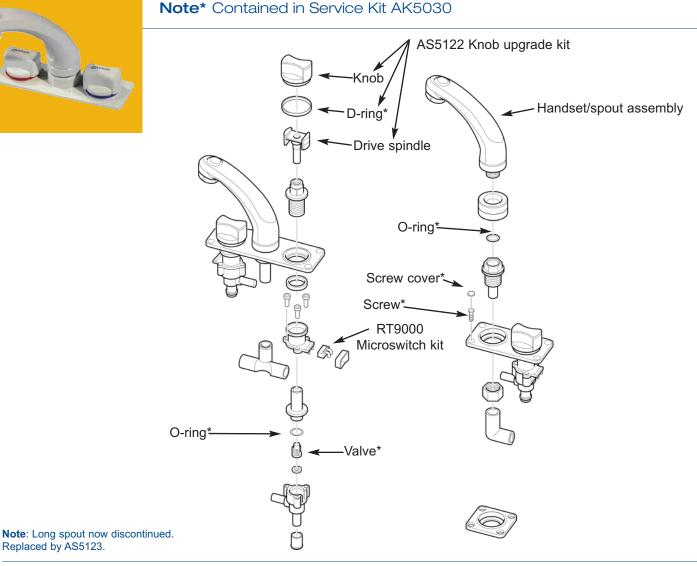
# Elegance Single & Mixer Faucets (11mm & 12mm Smooth Connections)

### Cold Only: RT1010, RT6010; Mixer: RT2010, RT2007, RT2035, RT7010, RT7007

### **Swivel Faucet Models**

**Vhale**<sup>®</sup>





### Accessories

#### Also available separately

#### WF1230 Silverised Carbon Water Filter (inline)

#### **RT9000 Microswitch Kit (2 switches)**

| Qty | Containing    |
|-----|---------------|
| 2   | Microswitches |

- 2 Switch clips
- 4 Terminal connectors

### Service Kits

#### AK5030 Service Kit with Complete Set of Serviceable parts for Elegance Faucets, Showers & Swim 'N' Rinse

- Qty Containing O-ring (Combo showerhead & Tee pieces) 5 4 Screw No.6 csk 4 Screw No.6 pan head 2
  - O-ring (control unit)
- 2 Valve washer
- 1 O-ring (tap outlet)
- 4 Screw cover white 6
  - Large screw covers (Swim 'N' Rinse only)
- 4 Screw cover beige



AK5030



Service kits continue on the next page. See page 60 for further contact information

RT9000

Faucets - Tough, Lightweight ABS Range

# Elegance Single & Mixer Faucets (11mm & 12mm Smooth Connections)

Single: RT1010, RT6010 - Swivel Faucet Models

Mixer: RT2010, RT2007, RT2035, RT7010, RT7007



/hale<sup>®</sup>

AS5123



AS5122



AS5626



WF1230

#### Service Kits (Continued)

AS5123 Replacement Handset/Spout 12mm

AS5122 Control Knob Upgrade Kit White (Mk 2)

| Qty | Containing |
|-----|------------|
| -   |            |

- 2 Knobs1 D-ring (blue)
- 1 D-ring (red)
- 2 Drive spindles

AS5626 Control Knob Upgrade Kit Beige

Qty Containing

2

1

1

2

- Knobs
- D-ring (blue)
- D-ring (red)
- Drive spindles

For information on 1/2" threaded models see pages 37-41

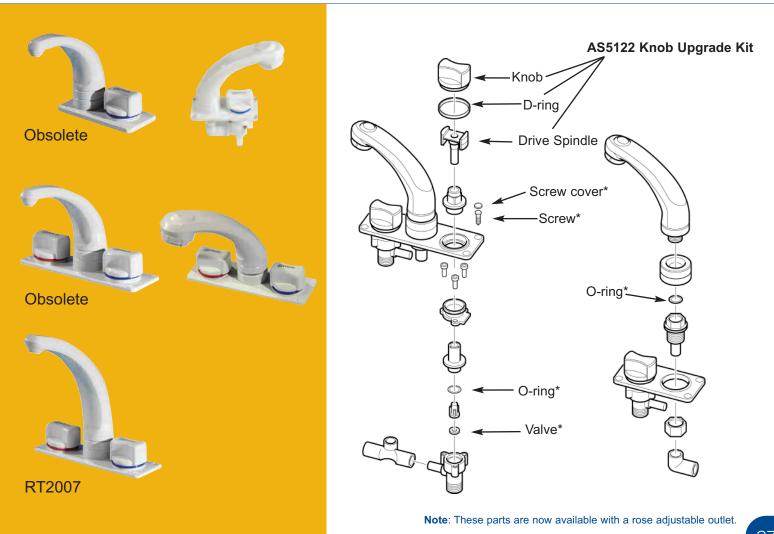
### Elegance Single & Mixer Faucets Mk 2 (1/2" Threaded Connections)

### Single: RT1210; Mixer: RT2210

### **Swivel Faucet Models**

**/hale**°

### Note\* Contained in Service Kit AK5030



Accessories

Also available separately

WF1530 Silverised Carbon Water Filter (inline)

### Service Kits

#### AK5030 Service Kit with Complete Set of Serviceable parts for Elegance Faucets, Showers & Swim 'N' Rinse

#### Qty Containing

- 5 O-ring (Combo showerhead & Tee-piece)
- 4 Screw No.6 csk
- 2 O-rings (control unit)
- 2 Valve washers
- 1 O-ring (tap outlet)
- 4 Screw covers white
- 4 Screw covers beige
- 6 Large screw covers white (Swim 'N' Rinse only)

#### **RT9000 Microswitch Kit (2 switches)**

- **Qty Containing** 2 Microswitche
- Microswitches
   Switch clips
- 4 Terminal connectors

AS5122 Knob Upgrade Kit White

#### AS5125 Long spout Assembly White

Service kits and images continue on the next two pages See page 60 for further contact information

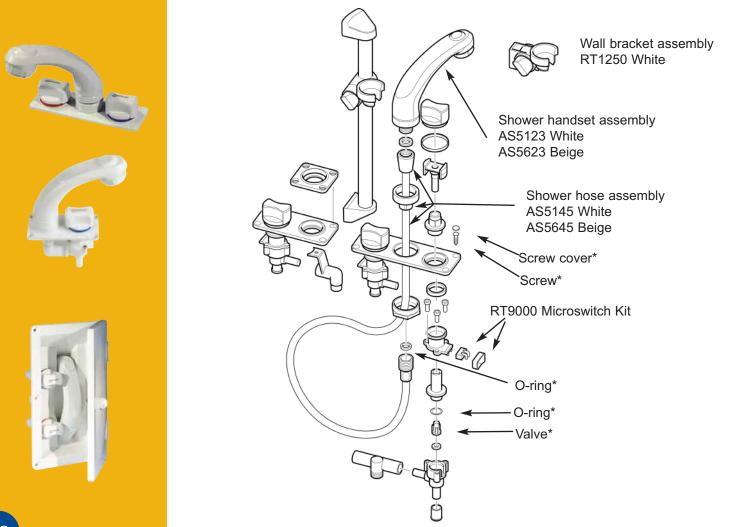
### **Elegance Combo Faucet/Shower Mk 3** and Swim 'N' Rinse Models

### Cold Only: RT1500; Mixer: RT2498, RT2500

#### **Combined Model with Faucet and Shower Functions**

### Note\* Contained in Service Kit AK5030.

**Vhale**<sup>®</sup>



### Accessories

**RT1250 Shower Wall Bracket** (for use with RT2500)

**RT9000 Replacement Microswitch Kit** 

WF1530 Silverised Carbon Water Filter (inline)

#### Service Kits

#### AK5030 Service Kit with Complete Set of Serviceable Parts for Elegance Faucets, Showers & Swim 'N' Rinse

#### Qty Containing

- O-ring (Combo showerhead\* Tee-piece) 5
- 4 Screw No.6 csk 2
- O-rings (control unit)
- 2 Valve washers O-ring (tap outlet) 1
- Screw covers white 4
- 6 Screw covers beige
- Large screw covers white 6 (Swim 'N' Rinse only)

#### **RT9000 Microswitch Kit (2 switches)**

#### Qty Containing

- 2 **Microswitches** 2 Switch clips
- 4 **Terminal connectors**

**RT1250 Wall Bracket Assembly White** 

- AS5123 Shower Handset/Spout Assembly White
- AS5623 Shower Handset/Spout Assembly Beige
- AS5145 Shower Hose Assembly White (1.5 m)
- AS5645 Shower Hose Assembly Beige (1.5 m)

AS5133 Replacement Handset/Spout <sup>1</sup>/2" Threaded (White)

AS5146 Replacement Hose Assembly 1.7m (59/16 ft) Long (White)

**Elegance Combo Faucet/Shower Mk 3** and Swim 'N' Rinse Models

### Cold Only: RT1500; Mixer: RT2498, RT2500

**Combined Model with Faucet and Shower Functions** 

**Vhale**°



RT1250

#### Service Kits (Continued)

Swim 'N' Rinse Transom Showers

AS5147 Hose Assembly for Swim 'N' Rinse (7 ft/2.1 m) - includes hose and hose connectors for 12mm shower models

**AS5149 Hose Connectors White** 

AS5122 Control Knob Upgrade Kit White (Mk 2)

AS5133 Shower Handset/Spout (1/2" BSP)

- Qty Containing 2 Knobs
- 1 O-ring (blue)
- O-ring (red) 1
- 2 **Drive spindles**

White

AS5146 Shower Hose (1/2" BSP) White 1.7 m

Swim 'N' Rinse Showers AS5148 Hose for Swim 'N' Rinse (7 ft/2.1 m) for 1/2" shower models

AS5626 Control Knob Upgrade Kit Beige (Mk 2)

| Qty | Containing |
|-----|------------|
|     |            |

- 2 Knobs 1 O-ring (blue)
- O-ring (red) 1
- 2 **Drive spindles**
- RT1750 Riser Bar

#### **Bulkpack Service Kits: (Ideal for Dealers**)

39

**AK3037 Shower Hose Connectors Assembly White** 

| Qty | Containing    |
|-----|---------------|
| 50  | Outer collars |
| 50  | Hose ferrules |

### Elegance Combo Faucet/Shower Mk 3 (1/2" Threaded Connections)

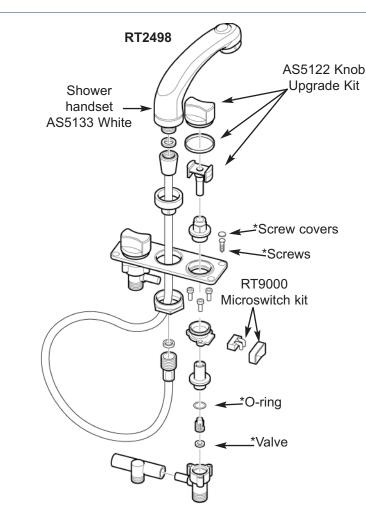
### Cold Only: RT1470; Mixer: RT2498

### **Combined Model with Faucet and Shower Functions**

### Note\* Contained in Service Kit AK5030

**Vhale**°





#### Service Kits

#### AK5030 Service Kit with Complete Set of Serviceable Parts for Elegance Faucets & Showers

- Containing Qty
- 5 O-ring (combo showerhead \* Tee-piece)
- 4 Screw no.6 csk
- 4 Screw no.6 pan head
- 2 2 O-rings (control unit)
- Valve washers
- 1 O-ring (tap outlet)
- 4 Screw covers white
- 4 Screw covers beige
- 6 Large screw covers white (Swim 'N' Rinse only)

#### **RT9000 Microswitch Kit (2 switches)**

- Qty Containing 2
  - **Microswitches** Switch clips
- 2 4
  - Terminal connectors

**Whale**<sup>®</sup> Elegance Combo Faucet/Shower Mk 3 (<sup>1</sup>/<sub>2</sub>" Threaded Connections)

### Cold Only: RT1470; Mixer: RT2498

**Combined Model with Faucet and Shower Functions** 



AK5030



AS5122



AS5133



RT1750



AS5146



RT9000



AS5148



WF1530

#### Service Kits

RT1750 Riser Bar

AS5122 Knob Upgrade Kit White AS5133 Shower Handset ( $1_{1_2}$ " BSP) White AS5146 Shower Hose ( $1_{2}$ " BSP) White 1.7 m

Swim 'N' Rinse Showers AS5148 Hose for Swim 'N' Rinse (7 ft/2.1 m)

#### Accessories

Available separately WF1530 Silverised Carbon Water Filter (inline)

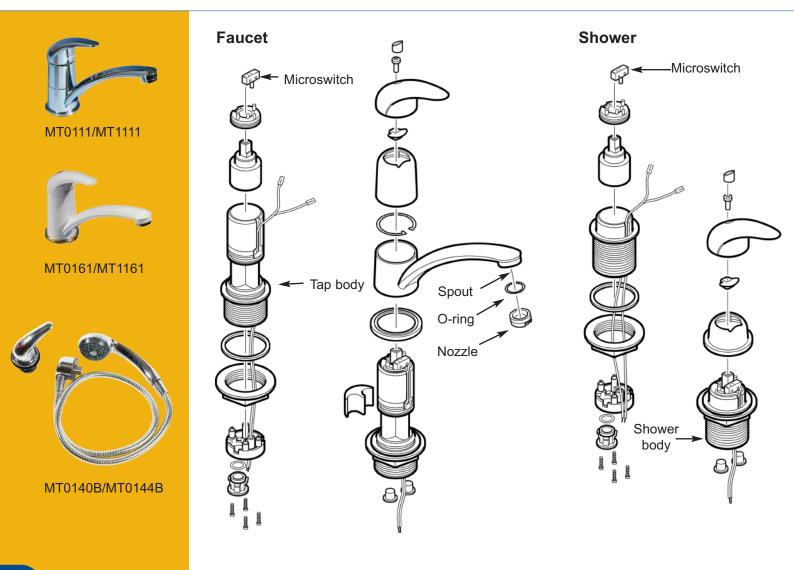
### Faucets - Single Lever Lightweight Range



### **Elite Faucet Range**

### MT0111, MT1051, MT0161

### **Single Lever Faucets**



### Service Kits for Faucets

| General |                              |
|---------|------------------------------|
| MT8000  | Microswitch Kit (2 switches) |
|         |                              |
| Spouts  |                              |
| AK6310  | Chrome                       |
| AK6350  | White                        |
|         |                              |
|         |                              |

### Service Kits for Showers

| RT1780B | Riser Bar Chrome   |
|---------|--------------------|
| RT1250  | Wall Bracket White |

#### Adaptors

| Connection to Whale Quick<br>Connect 15 mm          | WS1286B (Red) or<br>WS1288B (Blue) and WU1222<br>(for angled arrangement) |
|---|---|
| Connection to <sup>1</sup> / <sub>2</sub> " ID hose | WU1282B Stem adaptor 1/2" Hose -<br>12 mm Quick Connect                   |
| Connection to 3/8" ID hose                          | WS1280B Stem hose connector 3/8" Hose<br>12 mm Quick Connect              |



### Faucets - Single Lever Lightweight Range

### **Elite Faucet Range**

### MT0111, MT1051, MT0161

### Single Lever Faucets









MT8000



RT1250



RT1780B

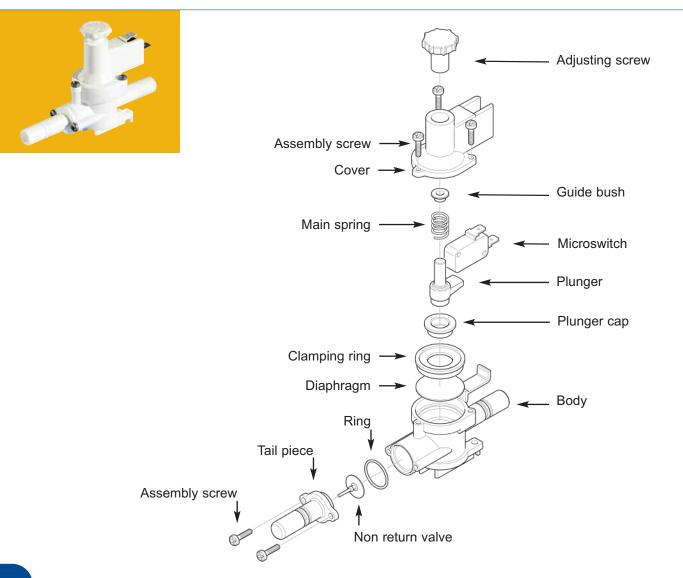
AK6310

### **Freshwater Accessories**



### **In-Line Pressure Switch**

### Pressure Switch WU7207 - In-Line Pressure Switch



### Service Kits

#### AK7208 Service Kit with Complete Set of Serviceable Parts

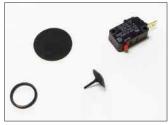
| Qty | Containing   |
|-----|--------------|
| 1   | Micro switch |

- 1 Diaphragm
- 1 O-ring (valve)
- 1 Valve

AK7209 Service Kit with Complete Set of Serviceable Parts (for grooved stem version - suitable for 12mm Quick Connect)

| Qty | Containing     |
|-----|----------------|
| 1   | Micro switch   |
| 1   | Diaphragm      |
| 1   | O-ring (valve) |
| 1   | Valve          |





AK7208

AK7209



## Electric Grey Shower / Waste Pumps and Tanks





### **Electric Waste Pumps**

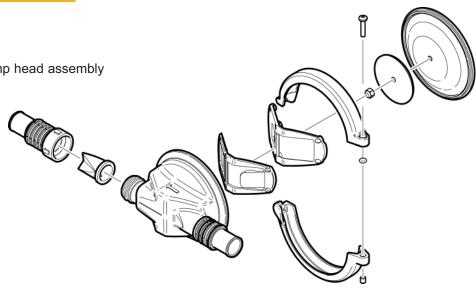
### Gulper<sup>®</sup> 220 Shower Drain/Grey Waste Pump

### BP1552 (12V d.c.), BP1554 (24V d.c.)

### **Shower Drain Waste Pump**



AK2050 Pump head assembly



Note: Pump head ONLY available as spare

#### Accessories

GW0810 8 Ltr (2.2 US Gals) Grey Waste Tank GW1610 16 Ltr (4.4 US Gals) Grey Waste Tank

#### Service Kits

AK2050 Replacement Pump Head for Gulper 320 and Gulper 220

| Qty | Containing              |
|-----|-------------------------|
| 1   | Diaphragm               |
| 1   | Nyloc Nut M5            |
| 1   | Screw Hex M5 x 16mm     |
| 1   | Outlet Valve Tricuspid  |
| 1   | Marine Head 3/4" and 1" |
| 1   | Valve Inlet and Outlet  |
| 1   | Valve Plate             |
| 1   | Outlet Valve Housing    |
|     | _                       |

AS1562 Clamping Ring Kit



AK2050



GW0810

AS1562



GW1610

See page 60 for further contact information

### **Electric Waste Pumps**



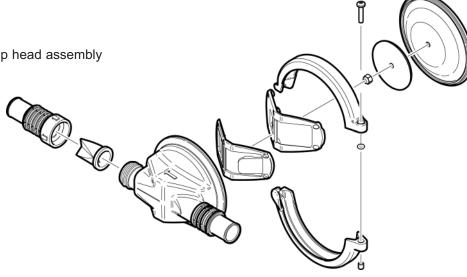
### Gulper<sup>®</sup> 320 Shower Drain/Grey Waste Pump

### BP2052 (12V d.c.), BP2054 (24V d.c.)

#### Note\* Contained in Service Kit AK2050



AK2050 Pump head assembly



Note: Pump head ONLY available as spare

#### Accessories

GW0810 8 Ltr (2.2 US Gals) **Grey Waste Tank** 

GW1610 16 Ltr (4.4 US Gals) Grey Waste Tank

### Service Kits

AK2050 Replacement Pump Head for Gulper 320 and Gulper 220

| Qty | Containing |
|-----|------------|
|     |            |

| 1 | Diaphragm              |
|---|------------------------|
| 1 | Nyloc Nut M5           |
| 1 | Screw Hex M5 x 16mm    |
| 1 | Outlet Valve Tricuspid |



AK2050





GW1610

47

Marine Head 3/4" and 1"

Valve Inlet and Outlet

**Outlet Valve Housing** 

Valve Plate

1

1 1

### **Electric Waste Pumps**

### **Grey Waste Tank**

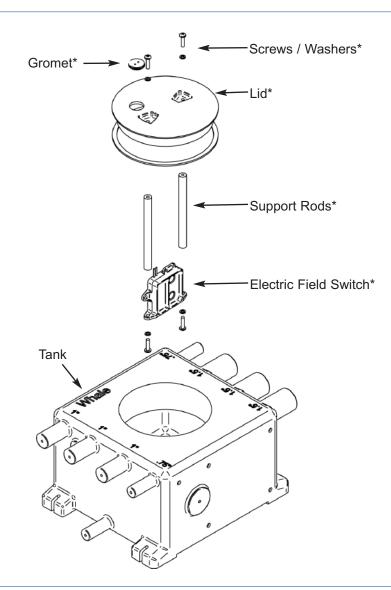
### Grey Waste Tank GW0810, GW0831, GW1610, GW1631

### 8 Ltr and 16 Ltr Grey Waste Tank

Whale®







\* Contained in Service Kit AK1001(B)

### Service Kits

48

#### **BE9003 Electric Field Sensor Switch**

QtyContaining1Electric field sensor switch

#### AK1001(B) Tank Lid with Switch built in

| Qty | Containing                   |
|-----|------------------------------|
| 1   | Lid                          |
| 1   | Electric field sensor switch |
| 1   | Gromet                       |
| 2   | Support rods                 |
| 4   | Screws                       |
| 4   | Washers                      |







AK1001B



## Electric and Manual Black / Toilet Waste Pumps



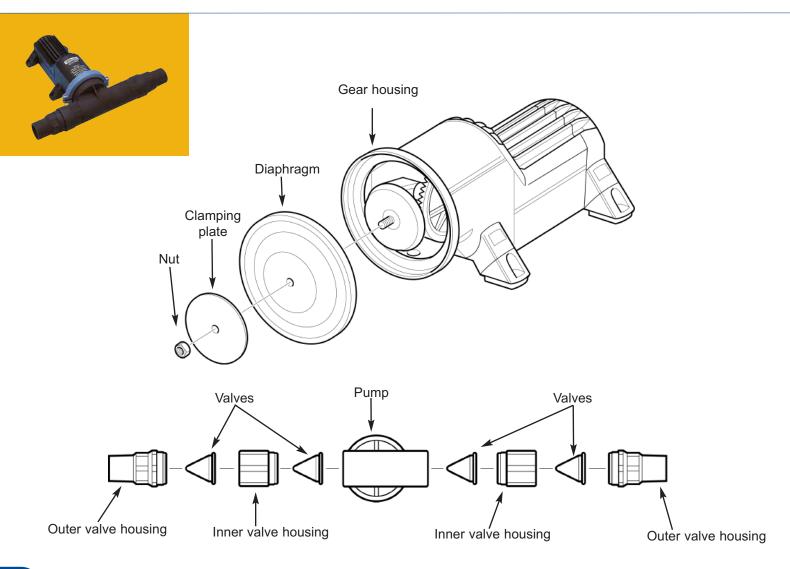
### **Electric Toilet Waste Pumps**



### **Gulper® Toilet Waste Pump**

BP2552B (12V d.c.), BP2554B (24V d.c.) - Pump Designed to Manage Unmacerated Toilet Waste

### Note\* Contained in Service Kit AK1557



50

#### Accessories

DV5606 1<sup>1</sup>/2" Diverter Valve EB3488 1<sup>1</sup>/2" Elbow YP6114 1<sup>1</sup>/2" Y Piece

### Service Kits

AK1557 with Set of Serviceable Parts for Gulper<sup>®</sup> Toilet Pump

QtyContaining1Diaphragm4Inlet/outlet valves

AS1562 Clamping Ring Kit



AK1557



AK1562





DV5606



See page 60 for further contact information

EB3488

YP6114

### Manual Toilet Waste Pumps



1

12

Diaphragm

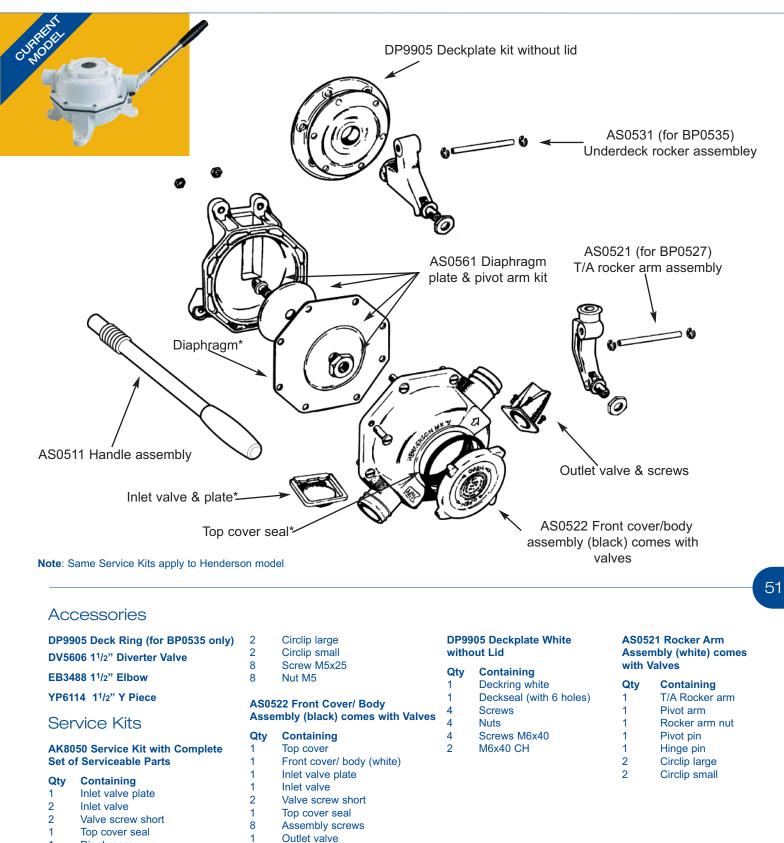
Outlet valve

Valve screw long

### Mk 5 Sanitation

### Bulkhead: BP0527, Thru Deck: BP0535

#### Note\* Contained in Service Kit AK8050



See page 60 for further contact information

2

Valve screw long

### Manual Toilet Waste Pumps



### **Mk 5 Sanitation**

### Bulkhead: BP0527, Thru Deck: BP0535





AS0511



AS0561



YP6114



AS0521



DP9905



AS0522



DV5606

AS0531

EB3488

### Service Kits (Continued)

#### AS0531 U/D Rocker Arm Assembly

| Qty | Containing     |
|-----|----------------|
| 1   | Pivot bush     |
| 1   | U/D Rocker arm |
| 1   | Fork insert    |
| 1   | Pivot arm      |
| 1   | Rocker arm nut |
| 1   | Hinge pin      |
| 2   | Circlip large  |
| 2   | Circlip small  |
| 1   | Pivot pin      |

| AS0511 Handle Assembly |
|------------------------|
| s/s c/w Lanyard        |

AS0561 Diaphragm Plate & Pivot Arm

| Qty | Containing |
|-----|------------|
| 2   | Pivot arm  |

- 1 Diaphragm plate
- 1 Diaphragm nut
- 2 Circlip small



## Fishbox / Baitwell



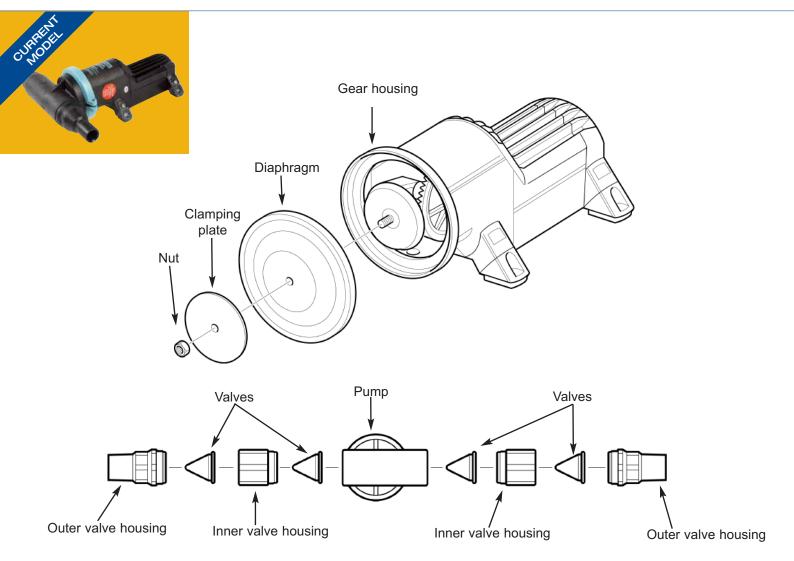
### Fishbox / Baitwell Pumps

### **Gulper® Grouper Fishbox Discharge Pump**

### BP4572 (12V d.c.), BP4574 (24V d.c.)

### **Fishbox Evacuation Pump**

**Vhale**°



#### Service Kits

AK1557 with Set of Serviceable Parts for  $\operatorname{Gulper}^{\circledast}$  Toilet Pump

- QtyContaining1Diaphragm (Santoprene®)
- 4 Inlet/outlet valves



AK1557



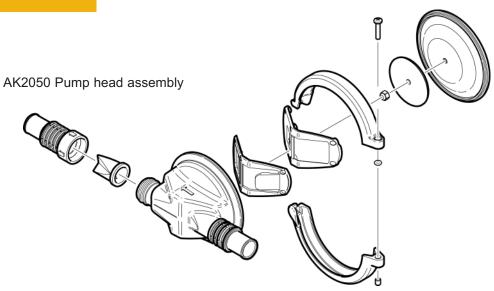
# **Whale**

### **Gulper® 320 Fishbox Discharge Pump**

### BP2052 (12V d.c.), BP2054 (24V d.c.)

### Note\* Contained in Service Kit AK2050





### Service Kits

### AK2050 Replacement Pump Head for Gulper 320 and Gulper 220

| Qty | Containing                           |
|-----|--------------------------------------|
| 1   | Diaphragm (Santoprene <sup>®</sup> ) |
| 1   | Nyloc Nut M5                         |
| 1   | Screw Hex M5 x 16mm                  |

- 1 Outlet Valve Tricuspid
- 1 Marine Head <sup>3</sup>/4" and 1"
- 1 Valve Inlet and Outlet
- 1 Valve Plate
- 1 Outlet Valve Housing



AK2050



Washdown



Washdown

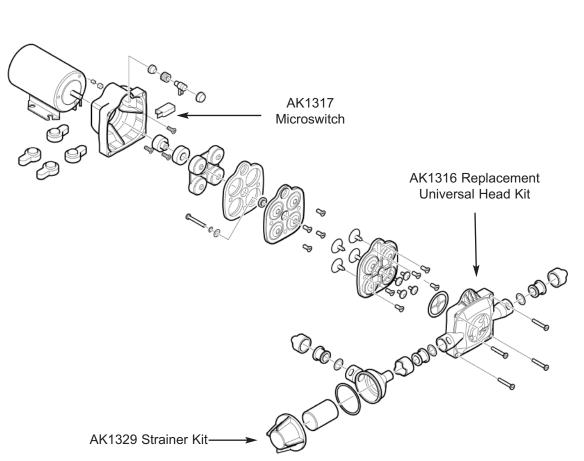


### **Electric Washdown Pump**

### WD 1815 (12V d.c.), WD1825 (24V d.c.)

### Washdown Kit with Pump and Trigger





### Service Kits

#### AK1316 Service Kit for Universal Pump Head

| Qty | Containing                                |
|-----|---|
| 1   | Replacement head (includes front cover    |
|     | retrofit to obsolete UP style universals) |

#### AK1317 Universal Microswitch Kit

| Qty | Containing  |
|-----|-------------|
| 1   | Microswitch |

#### AK1329 Replacement Strainer (for saltwater use)

- Qty Containing
- 1 Strainer



AK1316



57

AK1317



AK1329



Accessories



### Accessories - Locker Doors



### Watertight Locker Doors

### Locker Door LD2000, LD3000, LD4000, Clear Lid Version LD4002

#### Note\* Contained in Service Kit AK4010

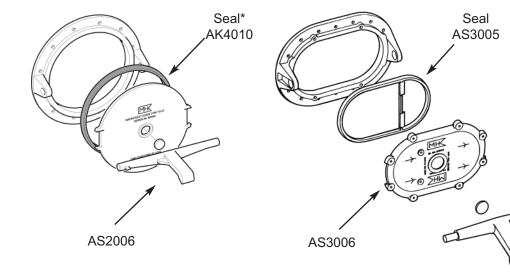


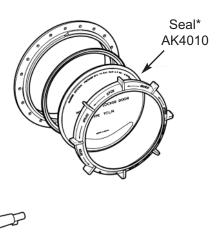
TCL 3



TCL 4







### Service Kits

#### **AK3005 Service Kit of Serviceable** Parts for TCL 3

Containing Qty Seal 1 Buffer pad 1

#### AK4010 Service Kit of Serviceable Parts for TCL 2 & TCL 4

| ary containing | Qty | Containing |
|----------------|-----|------------|
|----------------|-----|------------|

- Seal (moulded white) TCL 2 or 4 1 O-ring seal (black) TCL 4 only 1
- AS2006 Cover & Locking Lever Kit Part for TCL 2

| Qty | Containing           |
|-----|----------------------|
| 1   | Cover                |
| 1   | Locking lever        |
| 1   | Seal (moulded white) |

Buffer pad

1





AK3005



#### AS3006 Cover & Locking Lever Kit Part for TCL 3

| ty | Containing           |
|----|----------------------|
|    | Cover                |
|    | Locking lever        |
|    | Seal (moulded white) |
|    | Buffer pad           |
|    |                      |

Q

1

1 1

1

See page 60 for further contact information

AS3006

## **Customer Support Services**

Whale employees are committed to providing excellent customer service and product installation and maintenance advice.

# Contact our customer service team for technical advice:



Call us directly for product and installation advice

## *"It is refreshing to find a manufacturer that not only supplies first rate products but also gives excellent back up service..."*

Ken Bell, letter to Inland Waterways News

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