

# Bilge IC



## 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



### 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

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

\* Please note:- drain down level is installation dependent  
- figures stated are based on typical installation Whale laboratory tests

## 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

## 3 Year Warranty

### Tips

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



## Awards and Accreditations

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



## COMPLETE YOUR SYSTEM

For bilge system accessories- see page 48 - 51

## YOU MAY ALSO LIKE

Grey IC and Gulley IC – Automatic Grey waste pump kits with automatic intelligent control built in – see pages 96 and 98



## Product Information



### Model Specifications

| Model                            | Bilge IC  |                     |
|----------------------------------|---|---------------------|
|                                  | SI8284  | SI8484              |
| Product Code                     | SI8284  | SI8484              |
| Voltage                          | 12 V d.c.   | 24 V d.c.           |
| Voltage Range                    | 10 to 13.6 V d.c.   | 21.6 to 27.2 V d.c. |
| Recommended Automotive Fuse Size | 10 Amp  | 5 Amp               |
| Minimum Wire Size                | 1.5 mm <sup>2</sup> (16 AWG)  |                     |
| Cable Length                     | 4m (12ft)   |                     |
| Current Profile                  | Soft start / stop   |                     |
| Weight                           | 2.6kg (6.5 lbs)   |                     |
| Current Draw on Standby          | Low power 0.01 Amps supply  |                     |
| Maximum Suction Lift             | 3m (10ft)   |                     |
| Maximum Discharge Head           | 3m (10ft)   |                     |
| Lift/head Combined               | 4m (12ft)   |                     |
| Hose Connections                 | Gulper® IC - Barbed connections, 3/4" (19mm) or 1" (25mm) Strainer IC - 3/4" (19mm) |                     |
| Port Orientation                 | Horizontal (Easily changed to vertical)   |                     |
| Connectors                       | IP68, Waterproof Quick Connect 7 way (directly onto Gulper® IC)                     |                     |
| Materials                        | Pump Head: Glass-filled Nylon, Valves - Nitrile®, Diaphragm: Santoprene®            |                     |
| Materials in Contact with Fluid  | Glass-filled Nylon, Nitrile®, Santoprene®   |                     |
| Service Kits                     | AK2050 – Replacement Pump Head (available separately)                               |                     |
| Run on Time                      | 45 seconds  |                     |

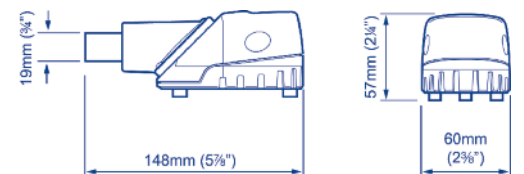
### Performance Data

|                          | 0m                       | 0m                         | 1m (3ft)                   | 1m (3ft)                   |
|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|
| Suction Lift             |                          |                            |                            |                            |
| Discharge Head           | 1m (3ft)                 | 1m (3ft)                   | 1m (3ft)                   | 1m (3ft)                   |
| Hose Size                | 3/4" (19mm)              | 1" (25mm)                  | 3/4" (19mm)                | 1" (25mm)                  |
| Flow Rate/Minute         | 300 US GPH (19 ltrs/min) | 276 US GPH (17.5 ltrs/min) | 270 US GPH (17.4 ltrs/min) | 246 US GPH (15.5 ltrs/min) |
| Current Draw (12 V d.c.) | 7.5 amps                 | 8 amps                     | 7.5 amps                   | 8 amps                     |
| Current Draw (24 V d.c.) | 3.25 amps                | 4 amps                     | 3.25 amps                  | 4 amps                     |

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

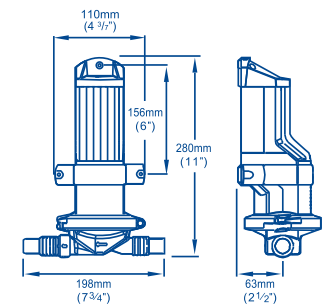
Note: For wiring advice on your installation, please contact Whale.

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



Side View

Front View



Plan View

Side View

Typical Installation

