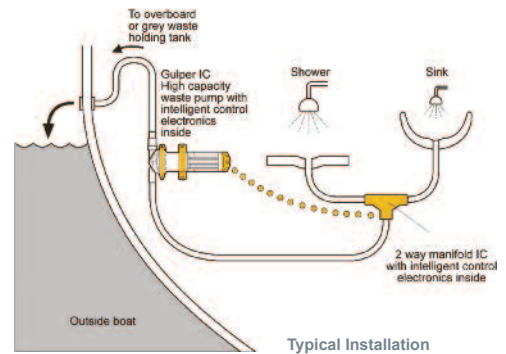


# Grey IC



## 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 Grey 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 waste water needs to be pumped out.



Two Way Manifold handles waste from multiple drains

9 seconds run on clears waste from shower tray\*

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

# One pump automatically handles waste from your shower on board - no manual switches 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
- 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 handles 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



## Product Information

### Model Specifications

Model	Grey IC	
Product Code	WM8284	WM8484
Voltage	12 V d.c.	24 V d.c.
Voltage Range	10 to 13.6 V d.c.	21.6 V d.c. to 27.2 V d.c.
Current profile	Soft stop/ start	
Recommended fuse Size (Automotive)	10 Amp	5 Amp
Minimum Wire Size	1.5mm (16 AWG)	
Weight	1.6 kg (3.5 lbs)	
Maximum Suction Lift	3m (10ft)	
Maximum Discharge Head	3 m (10 ft)	
Maximum Discharge head and Suction life combined	4m (12 ft)	
Hose connections	barbed connections 3/4" (19mm) and 1" (25mm)	
Materials	Pump head- Glass-filled Nylon, Valves, and Diaphragm - Santoprene®, clamp ring Acetal, Feet - EPDM, Gear wheel- Delrin®, fasteners Stainless Steel	
Materials in contact with fluid	Glass-filled Nylon, Santoprene®, Stainless Steel	
Service Kit (available Separately)	AK2050- Replacement Pump Head IC	
Accessories	none required	
Run on time	9 seconds	

### Performance Data

	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)
Suction Lift	0m (0ft)	0m (0ft)	1m (3ft)	1m (3ft)
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	19 ltrs (5 US gals)	17.5 ltrs (4.6 US gals)	17.4 ltrs (4.5 US gals)	15.5 ltrs (4.1 US gals)
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: These specifications are retail items only.

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

## 3 Year Warranty

### Tips

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

## Awards and Accreditations

- DAME Innovation Award 2010 – Special Mention.
- Ignition protection ISO8846
- CE marked
- IP45 rated



## COMPLETE YOUR SYSTEM

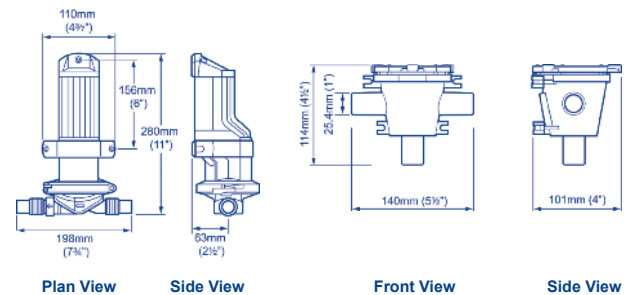
See Page 110-111 for Grey waste accessories

## YOU MAY ALSO LIKE

Gulley IC – Automatic Grey waste pump kits with Gulley IC - automatic intelligent control built in – page 98

Bilge IC – Pre-wired Easy Access Remote Mounted Bilge System (4 in 1) with automatic intelligent control built in - page 24

Supersub Smart – Automatic Narrow Low Profile Bilge pump with intelligent control built in – page 20



### Model Specifications

Manifold IC	
Cable Length	4m (12ft)
Hose Connections	1" (25mm)
Control Voltage	5V d.c. via Gulper® IC
Current Draw	Low power 0.01 amps supply
Connectors	IP68 Waterproof Quick Connect 7 way (directly onto Gulper® IC)