



# BILGE IC

Low profile automatic bilge pump designed for narrow bilge spaces.

## Supersub Smart Family - 650, 1100 and 1500 flow capacity

### Why Supersub Smart?

- No separate bilge switch required
- Low, narrow design for confined spaces
- Quick and easy to install
- Unaffected by wave motion
- Integrated non-return valve

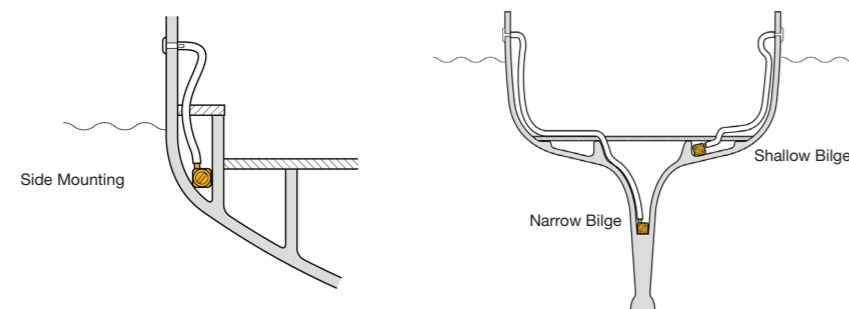


SuperSub Smart 1100



SuperSub Smart 1500

### Typical Installation



SuperSub Smart Family - Low Profile Automatic Bilge Pump					
Product Code	SS5212	SS1212	SS1224	SS9212	SS9224
Open Flow Rate at 13.6 V. d.c.	2400 ltrs (650 US GPH)	4062 ltrs (1100 US GPH)	4062 ltrs (1100 US GPH)	5678 ltrs (1500 US GPH)	5678 ltrs (1500 US GPH)
Flow Rate at 1m (3ft) head	2040 L/hour (550 US GPH)	2678 ltrs (710 US GPH)	3157 ltrs (834 US GPH)	4542 ltrs (1200 US GPH)	4542 ltrs (1200 US GPH)
Nominal Voltage	12V d.c.	12V d.c.	24V d.c.	12V d.c.	24V d.c.
Current Draw	3.4 amps	4.3 amps	2.2 amps	8 amps	4 amps
Recommended Automotive Fuse	5 Amp	7 Amp	5 Amp	7Amp	5 Amp
Weight	0.326 kg (0.71 lbs)	0.446 kg (0.98lbs)			
Hose Connection	19mm (3/4")	25mm (1") / 28mm (1 1/8")			
Caulked Wire Size	1.5m	1m			
Materials	<b>Pump Body</b> - Polypropylene, High Temperature ABS, Fully potted circuitry. <b>Locking ring</b> - Acetal. <b>Impeller</b> - Glass filled PBT. <b>Seals</b> - Nitrile <b>Fasteners</b> - Stainless Steel				
Maximum Head Discharge	3m (9.8ft)				
Max. Overall Height	75mm (3")	76mm (3")			
Max. Overall Width	54mm (2 1/8")	55mm (2 1/8")			
Overall Length	212mm (8 3/8")	240mm (9 1/2")			



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Illustrations are for guidance purposes only. Boat imagery courtesy of Fairline

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## Intelligent Water Systems for Intelligent Boats



BILGE



GREY



FRESH

Full range of easy to install pre-wired kits with intelligent control built in.



# FRESH IC

New Freshwater pump revolutionises pump and system control.

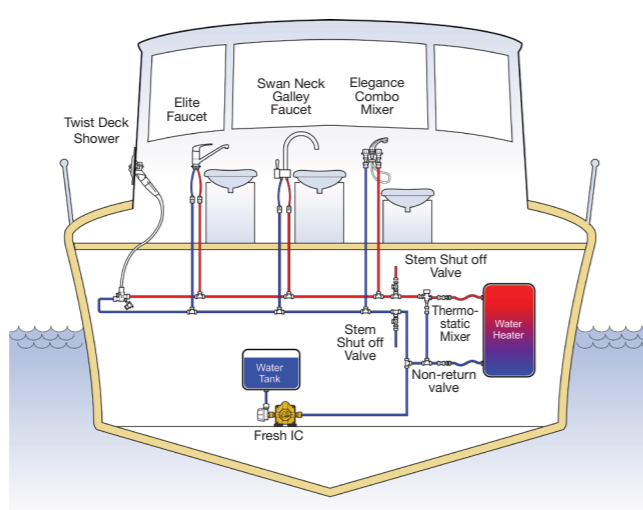


### Why Fresh IC?

- Fresh IC provides a consistent stabilised water system by monitoring flow, energy consumption and back pressure
- High capacity to support multiple outlets at once without sacrificing flow
- Soft start means the pump is protected for a longer life

FRESH IC - Freshwater Pressure Pump		
Product Code	FW5082	FW5084
Voltage	12 V d.c.	24 V d.c.
Open Flow Rate (per minute)	14ltrs (3.8 US Gallons)	14ltrs (3.8 US Gallons)
Ingress Protection Rating	IP65	IP65
Recommended Fuse Size	10 Amp	5 Amp
Minimum Wire Size	2.5mm <sup>2</sup> (13AWG)	
Weight	2.5kg (5.5lbs)	
Maximum Suction Lift	3m (10ft)	
Maximum Discharge Head	3m (10ft)	
Maximum Discharge Head & Maximum Suction Lift combined	4m (12ft)	
Static System Pressure	3 bar (45psi)	
Maximum Running Pressure	4 bar (60psi)	
Hose connections	Whale Quick Connect 15mm female for ½" (12.5mm) flexible hose use WX1584 (supplied with pump), for ¾" (19mm) flexible hose use WU1584 & WU1280 (separate)	
Materials	Pump body: Glass filled polypropylene. Motor Casting: Powder coated steel. Feet, diaphragm and valves: Monphrene®. Seals: Nitrile. Fasteners: Stainless Steel	
Materials in Contact with Fluid	Glass-filled polypropylene, Monphrene®, Nitrile, Stainless Steel.	
Service Kits	AK1317 - Replacement micro-switch AK1319 - Replacement strainer	

### Typical Installation



# BILGE IC

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



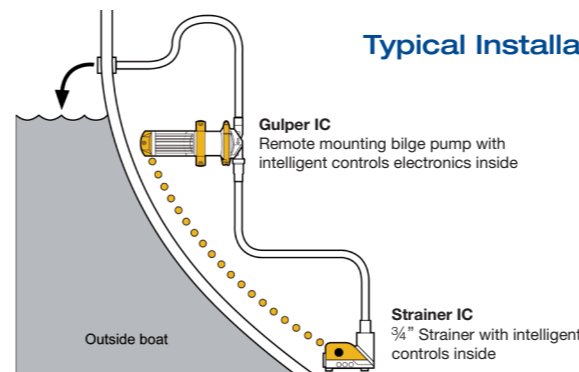
### Why Bilge IC?

- Small footprint strainer fits into very confined bilge spaces and is easy to install
- Self primes and runs dry
- Non-choke valves - no filter to block/clean
- Secure fit - strap ensures pump remains in place in harsh marine conditions
- Fit and forget - maintenance free

Bilge IC - Easy Access Remote Mounted Bilge Pump		
Model	SI8224	SI8424
Voltage	12 V d.c.	24 V d.c.
Voltage Range	10 V d.c. to 13.6 V d.c.	21.6 V d.c. to 27.2 V d.c.
Current Profile	Soft Start/ Soft Stop	Soft Start/ Soft Stop
Recommended Fuse Size	10 Amp Automotive	5 Amp Automotive
Current Draw On Standby	Low power 0.01 Amps supply	
Minimum Wire Size	1.5mm <sup>2</sup> (16 AWG)	
Cable Length	4m (12ft)	
Weight	1.6kg (3.5lbs)	
Maximum Suction Lift	3m (10ft)	
Maximum Discharge Head	3m (10ft)	
Maximum Discharge Head & Maximum Suction Lift combined	4m (12ft)	
Hose connections	Gulper® IC- ¾" (19mm) and 1" (25mm) Strainer IC - ¾" (19mm)	
Port Orientation for Strainer IC	Horizontal (easily changed to vertical)	
Materials	Pump head: Glass-filled Nylon Diaphragm and valves: Santoprene	
Service Kits	AK2050 - Replacement Pump Head IC	

Performance Data				
Suction Lift	0m	0m	1m (3ft)	1m (3ft)
Discharge Head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)
Hose Size	¾" (19mm)	1" (25mm)	¾" (19mm)	1" (25mm)
Flow Rate/minute	19ltrs (5 US Gals)	17.5ltrs (4.6 US Gals)	17.4ltrs (4.5 US Gals)	15.5ltrs (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

### Typical Installation



# GREY IC

Complete prewired grey waste system that handles waste from multiple drains using the high capacity Gulper IC pump.

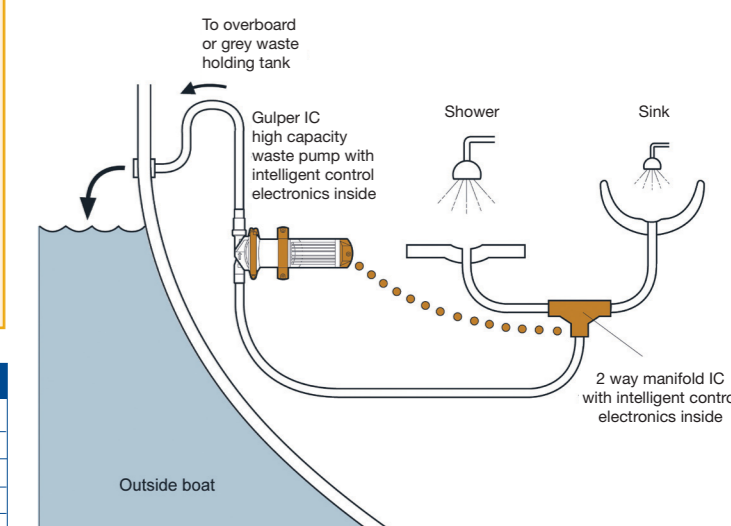


### Why Grey IC?

- Fast drainage up to 19ltrs/min
- Soft start / stop protects the pump for long life
- Automatically manages waste from multiple drains
- Fit and forget - maintenance free

Grey IC - Handles waste from multiple drains		
Model	WM8284	WM8484
Voltage	12 V d.c.	24 V d.c.
Voltage Range	10 V d.c. to 13.6 V d.c.	21.6 V d.c. to 27.2 V d.c.
Current Profile	Soft Start/ Soft Stop	Soft Start/ Soft Stop
Recommended Fuse Size	10 Amp Automotive	5 Amp Automotive
Current Draw On Standby	Low power 0.01 Amps supply	
Minimum Wire Size	1.5mm <sup>2</sup> (16 AWG)	
Cable Length	4m (12ft)	
Weight	1.6kg (3.5lbs)	
Maximum Suction Lift	3m (10ft)	
Maximum Discharge Head	3m (10ft)	
Maximum Discharge Head & Maximum Suction Lift combined	4m (12ft)	
Hose connections	Gulper® IC- ¾" (19mm) and 1" (25mm) Two Way Manifold IC - 1" (25mm)	
Materials	Pump head: Glass-filled Nylon Diaphragm and valves: Santoprene	
Service Kits	AK2050 - Replacement Pump Head IC	

### Typical Installation



Performance Data				
Suction Lift	0m	0m	1m (3ft)	1m (3ft)
Discharge Head	1m (3ft)	1m (3ft)	1m (3ft)	1m (3ft)
Hose Size	¾" (19mm)	1" (25mm)	¾" (19mm)	1" (25mm)
Flow Rate/minute	19ltrs (5 US Gals)	17.5ltrs (4.6 US Gals)	17.4ltrs (4.5 US Gals)	15.5ltrs (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