Whale®

Watermaster®
Pump Controller

IC Intelligent Control™

One small step for caravanners, Two giant leaps in innovation:

Never adjust your pressure switch again!

enjoy a smooth, constant water flow

Never let your pump run dry!

protect and prolong your submersible pump

Easily retro-fitted to any Whale Watermaster® pressure switch socket*

Kit includes high-flow submersible pump

Available now from your local retailer

Proud to manufacture in the UK

Whale®
Travel Lighter

Tel: 028 9127 0531
info@whalepumps.com
www.whalepumps.com

* Whale Watermaster IC (EP1632) is compatible with a Whale® socket with built-in pressure switch (ES1001 or ES5001) and high-flow Watermaster submersible pump. It is NOT compatible with in-line pressure switch system.

Intelligent Control	Taps & Showers	Plumbing	Water Heaters	Water Pumps	Space Heaters

Watermaster®
Pump Controller

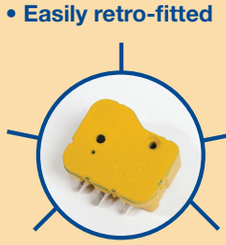
IC Intelligent Control™

Easily retrofitted to a Whale® Watermaster pressure switch socket (only)

Kit includes:
- Watermaster IC unit
- Watermaster high-flow submersible pump

For trouble free operation and peace of mind

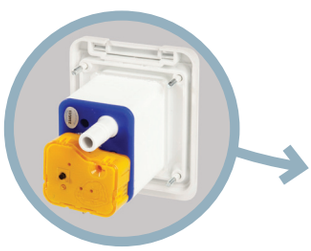
- Easily retro-fitted
- Protects and prolongs the submersible pump
- Built-in fault diagnostics system
- Service free, one-step calibration process
- No more pressure switch adjustments



Model:	Watermaster Pump Controller (with Intelligent Control)
Part No:	EP1632
Voltage: (normal operation)	Voltage range 9.5V d.c. to 14.5V d.c. Voltage range 8.5V d.c. to 9.5V d.c. (limited operation)
Nominal Current:	Operating 3.7 Amps, Standby 0.007 Amps
Recommended fuse size:	5 Amp automotive
Weight:	0.65kg
Materials: Plug: PBT	Pump body: ABS, Seals: Nitrile®, Strainer: Polypropylene, Impeller: PBT, Cable: PVC, Seal: Nitrile®, Wire: PVC insulated copper, Hose: PVC, Watermaster IC: Polycarbonate
Accessories: (available separately)	WF1230 – 12mm in-line water filter
Service Kits: serviceable part	Watermaster Pump Controller is not a EP1612 replacement high-flow submersible pump
Performance Data @ 13.6V Discharge head: 0m (0ft) 1m (3ft) 3m (9ft)	 Flow rate per minute / current draw: 15.8 ltrs / 3.8 amps 14.8 ltrs / 3.7 amps 12.8 ltrs / 3.5 amps
Compatible	**For use with Whale® High-Flow pumps: Watermaster® (EP1612) ONLY**
Operating temperature range:	3˚C to 40˚C
Storage temperature range:	-30˚C to 60˚C

Ref: jm_ps_watermaster IC_v1_Sept12'

Never adjust your pressure switch again



Intelligently controls the submersible pump

- Stops pump pulsating at high voltages
- Stops pump running continuously at low voltages
- Detects when water container has run out and turns pump off

How does Watermaster IC work?
In a pressure based water system a surge in battery voltage can cause the internal pressure switch in the socket to fluctuate. This leads to pulsations in water flow. Similarly, if the battery voltage drops, the pump may be unable to produce enough pressure to activate the pressure switch and the pump may run on continuously. Also, if the external water container runs out, the pump will continue to run on. This drains the battery and may reduce the life of the pump. Until now the only solution has been to manually adjust the pressure switch.

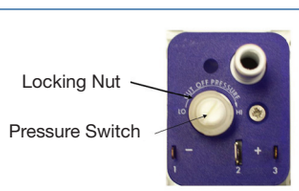
Watermaster IC eliminates these problems and the need for pressure switch adjustment.
Innovative electronic control circuitry monitors the level of battery voltage and compensates for any surges/reductions in battery voltage that can occur. It also cleverly senses when the water container runs dry and switches the pump off.

The result?

Never adjust your pressure switch again
enjoy a smooth, constant water flow.

Never let your pump run dry
protect and prolong your submersible pump.

✓ **Only for use with Whale Watermaster sockets with built-in pressure switches (dark blue back - as pictured right) (Part numbers: ES1001 / ES5001)**



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Call us directly for product and installation advice

✗ **Not compatible with inline pressure switch systems**

Pressure Switch

QUALITY | INNOVATION | SERVICE