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## AEROFLOW PERFORMANCE

### ELECTRIC WATER PUMP

#### WARNING!

THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE SYSTEMS. WE RECOMMEND THAT THIS INSTALLATION BE CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

#### INTRODUCTION

Congratulations on your purchase of Aeroflow Performance universal electric water pump. Aeroflow Performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions? Please call technical support at +61 2 8825 1900 and have the product part number on hand when calling.

This small and powerful electric water pump is designed with brushless internals which offer low-current voltage draw, high flow capacity and long life.

The Aeroflow Performance electric water pump is available in two different barb sizes to accommodate most applications. The 3/4" (19.05mm) barb which flows 40.1 Litres Per Minute and the 1" (25.40mm) barb which flows 46.6 Litres Per Minute.

When plumbing this unit be sure identify the circulation direction for your application the pump is designed with two separate barbs one being inlet and the other being an outlet. Ensure to plumb the pump correctly to ensure correct operation of the water pump.

This water pump is not a self-priming pump and hence the water level must always be higher than the water pump unit so that water may flow to the pump. NOTE: do not run water pump without any water as this will cause damage to the pump due to no lubrication, take note when pump is in operation it does not run out of water.

This water pump is not a submersible unit. It cannot be mounted inside a tank with fluid and must be mounted externally. The water pump unit has a IP65 waterproof rating.

When mounting this water pump, it is recommended to utilize both mounting tabs that are attached to the pump to secure the pump during operation. When running lines and fittings and wiring ensure to keep it away from all extreme heat sources and moving components. If possible, heat sleeve or a heat shield should be installed to protect the unit, wiring and lines.

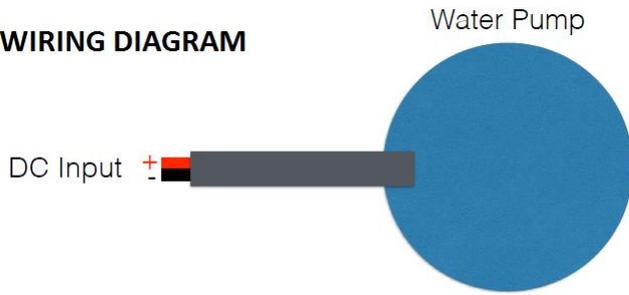
When wiring in this electric water pump ensure to appropriate wiring and terminals and always use relays and fuses were required during installation. This pump also features a current protection installed inside the unit. This means if the flow of current is too much for the pump instead of damage being caused to the pump it shuts itself down. Once this happens the pump must be restarted before it will begin working again.

*For more information or technical enquires*

*Contact: Aeroflow Performance on*

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## WIRING DIAGRAM



## Water Pump Dimensions

Overall Height: 96mm

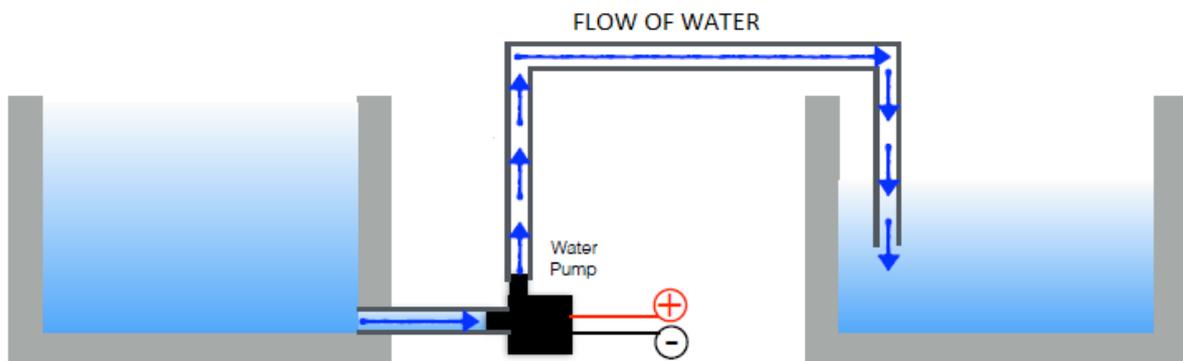
Pump Diameter: 60mm

Overall Length: 123mm

Mounting Bolt Centre: 77mm



## EXTERNALLY MOUNTED WATER PUMP DIAGRAM



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