

More power.

EWP80
[80 litres/min]

GENERATION III
WITH CERAMIC SEAL

EWP ELECTRIC
WATER PUMP®

Universal fit

Increased engine power

Greater cooling capacity

Better fuel economy



More cool.

Introducing the world's first universal fit, automotive Electric Water Pump.

The world's most advanced water pump has just been upgraded for even better performance and reliability. This new, revolutionary EWP® is a performance accessory that improves cooling control and capacity while giving you more engine power and improved fuel economy.

The EWP® is universal and fits most cars by mounting in the bottom radiator hose.

The kit comes with everything you need for easy installation including, easy to understand, Do-It-Yourself instructions.

For those who really want the best performance, an optional EWP® Controller (sold separately) is available.

The controller electronically sensors engine temperature and adjusts the rate of coolant flow to the temperature you set, even after engine shut down.

Like the EWP® Electric Water Pump, the Controller comes with everything you need for Do-It-Yourself installation.

The EWP® is the most economical way to increase horsepower and save on fuel consumption while caring for you engine.



Suitable for up to 5.0 litre normally aspirated, unmodified engines.

For any assistance or advice contact Davies,Craig or visit our web site at www.daviescraig.com.au

SPECIFICATIONS



The EWP is designed to be installed in the bottom radiator hose. EWP, simple as Do-It-Yourself.

Options for pump control:

1. With EWP 'smart' Controller (Part No. 8010), Recommended method

Use the Davies, Craig EWP® Controller for optimum temperature control. The EWP® Controller has a microprocessor, which will supply the pump with the voltage that will run it at exactly the right flow rate to maintain the set engine temperature. You set the temperature you want on the 'smart' Controller for maximum power and fuel efficiency!

With the ignition on, the EWP® will run on after a hot engine shut down, eliminating heat soak.

This option requires the removal of the thermostat and either the mechanical pump impeller from the pump shaft, or bypass the water pump pulley from the belt set-up, using a shorter belt.

2. With Davies, Craig Thermal Switch (Part No. 0401), or Electronic Switch (Part No. 0402).

Combine the EWP® with an adjustable on/off thermal switch to add a cooling boost to an overheating mechanical pump cooling system. With the Thermal Switch connected to the battery, the EWP® will run-on after a hot engine shut-down, eliminating heat soak.

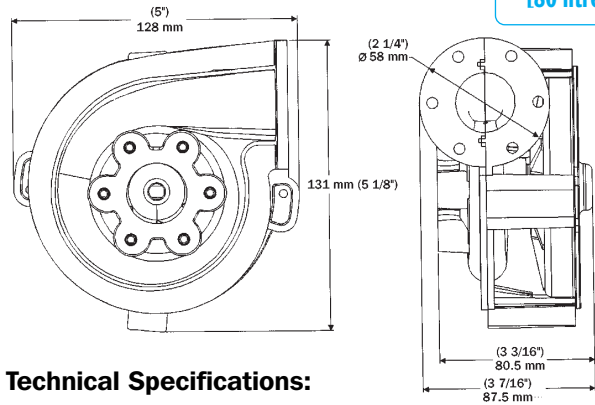
3. Continuous Running.

Wire the pump direct to the ignition for maximum cooling – suitable for race vehicles, very hot climates and chronically over-heating engines. This option requires the removal or modification of the engine thermostat and either the mechanical pump impeller or by-passing of the pump pulley from the belt set-up.

Warning: When using the EWP® on vehicles using LPG, it is recommended that an Electric Booster Pump (EBP® - Davies Craig Part #9001) be fitted in the heater line to eliminate the risk of freezing LPG in the converter.



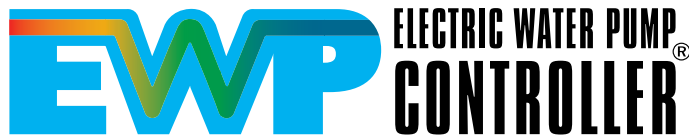
Part Number 8005



Technical Specifications:

Operating Voltage	4V DC to 14.5V DC
Maximum Current	7.5A
Flowrate	20 L to 80 L/min, (300 US gal to 1300 US gal/hr) at 13.5V DC
Operating Temperature	-20°C to 130°C (-5°F to 270°F)
Pump Design	Clockwise centrifugal with volute chamber
Motor Life	2000 hrs continuous at 80°C (180°F) and 12V DC
Pump weight	900 grams (2 lb)
Pump material	Nylon 66, 30% glass filled
Burst Pressure	350 kPa (50 psi) Minimum
Fits Hose sizes	32 mm to 50 mm (1-1/4" to 2")

DO NOT RUN PUMP DRY AS SEAL DAMAGE MAY OCCUR AND YOUR WARRANTY WILL BE VOID.



EWP® 'smart' Controller Installation procedure:

- combine with the Davies, Craig EWP® Electric Water Pump for optimum engine cooling system performance;
- mount controller box under dash;
- connect colour coded relay harness and EWP® wire loom to the mating connectors on controller and pump;
- place the temperature sensor in engine thermostat position.
- You set the temperature you want your engine to run at.

Part Number 8010

Technical Specifications:

Input Voltage	12V DC to 14.5V DC
Output Voltage	3V to 12V
Max. Current	7.5A
Set Temperature	65°C to 105°C (149°F to 221°F)
Controller Type	Circuit Board with Microprocessor and Programmable Chip
Sensor Type	Thermal Coolant Sensor in water-proof housing
Controller weight	300 g (10 oz.)
Dimensions	95 mm (H) x 65 mm (W) x 50 mm (D) 3-3/4" (H) x 2-9/16" (W) x 2" (D)
Operating Temperature	-20°C to 60°C (-5°F to 140°F)



For more information visit: www.daviescraig.com.au

Your local stockist is

Designed and Manufactured in Australia

US Patent No.: 6425353, Australian Patent No.: 756456, European Patent Pending. EWP is a Registered Trade Mark of Davies Craig Pty. Ltd., ACN. 004 918 825



Australian Head Office

77 Taras Avenue,
Altona North Victoria 3025 Australia

Correspondence:

PO Box 363, Altona North, VIC 3025 Australia

Telephone: +61 3 9369 1234 Facsimile: +61 3 9369 3456

Email: info@daviescraig.com.au Web: www.daviescraig.com.au

For overseas distributor details refer Davies, Craig website.



Quality Endorsed Company

Lic No. 4528

Manufactured under a Quality System certified as complying with ISO 9001 by an accredited certification body.

