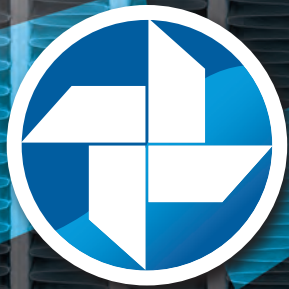


Electric Water Pumps



DAVIES, CRAIG

World's best auto cooling

2019 - 2020 EDITION



EWP ELECTRIC WATER PUMP
Replaces belt-driven water pumps










EBP ELECTRIC BOOSTER PUMP

2 YEAR WARRANTY



Australian Made

Pump Summary

Pump Model	Image	At a glance				Page No.
		Max Flow Rate	Operating Voltage	Max. Current	Operating Temp. Range	
EWP[®]150		150 L/min 39.63 US gal/min	12 Volt (3 V - 15 V DC)	10 Amps	-40° - 130° C -40° - 266° F	9
		150 L/min 39.63 US gal/min	24 Volt (20 V - 27 V DC)	5.5 Amps	-40° - 130° C -40° - 266° F	
EWP[®]130		141 L/min 37.24 US gal/min	12 Volt (3 V - 15 V DC)	10 Amps	-40° - 130° C -40° - 266° F	11
		141 L/min 37.24 US gal/min	24 Volt (20 V - 27 V DC)	5.5 Amps	-40° - 130° C -40° - 266° F	
EWP[®]115	 ALLOY	115 L/min 30.38 US gal/min	12 Volt (3 V - 15 V DC)	10 Amps	-40° - 130° C -40° - 266° F	13
		115 L/min 30.38 US gal/min	24 Volt (20 V - 27 V DC)	5.5 Amps	-40° - 130° C -40° - 266° F	
	 NYLON	115 L/min 30.38 US gal/min	12 Volt (3 V - 15 V DC)	10 Amps	-40° - 130° C -40° - 266° F	15
		115 L/min 30.38 US gal/min	24 Volt (20 V - 27 V DC)	5.5 Amps	-40° - 130° C -40° - 266° F	
EWP[®]80		80 L/min 21.13 US gal/min	12 Volt (3 V - 15 V DC)	7.5 Amps	-40° - 130° C -40° - 266° F	17
EBP[®]40		35 L/min 9.25 US gal/min	12 Volt (6 V - 18 V DC)	4.5 Amps	-40° - 120° C -40° - 248° F	18
		37 L/min 9.8 US gal/min	24 Volt (20 V - 27 V DC)	2.5 Amps	-40° - 120° C -40° - 248° F	
EBP[®]25		27 L/min @ 10 kpa 7.13 US gal/min	12 Volt (8 V - 20 V DC)	2.1 Amps	-40° - 120° C -40° - 248° F	19
EBP[®]23		23 L/min 6 US gal/min	12 Volt (6 V - 18 V DC)	1.3 Amps	-40° - 120° C -40° - 248° F	20
EBP[®]15		15 L/min @ 10 kpa 4 US gal/min	12 Volt (9 V - 15 V DC)	1.5 Amps	-40° - 120° C -40° - 248° F	21



**ELECTRIC
BOOSTER PUMP**

Product Selection Guide

If your vehicle has a modified engine, we recommend including the next size up from the unit listed below.

Application	Pump Model	Pump Only		Pump Kit		Pump Combo		Controller/Switch	
		Part # 12 V	Part # 24 V	Part # 12 V	Part # 24 V	Part# 12 V	Part # 24 V	Part # 12 V	Part # 24 V
Engines up to 2.0L (Standard)	EWP®80	8105		8005		8907		8002	8002
Engines up to 2.0L - 3.5L (Standard)	EWP®115	8125 or 8140	8126 or 8141	8025 or 8040	8026 or 8041	8930 or 8950	8931 or 8951	8002	8002
Engines up to 3.5L - 5.0L (Standard)	EWP®130	8180	8181	8080	8081	8990	8991	8002	8002
Engines 5.0L or greater (Standard)	EWP®150	8160	8161	8060	8061	8970	8971	8002	8002
Modified Engines Supercharged/Turbo	EWP®150	8160	8161	8060	8061	8970	8971	8002	8002
Drag Racing, Drifting & Speedway	EWP®150	8160	8160	8060	8061	8970	8971	8002	8002
Off Road / 4WDs	EWP®130	8180	8181	8080	8081	8990	8991	8002	8002
Motorbike up to 500cc (Standard)	EBP®15	9002	–	9001				0444 or 0500	
Motorbike 500cc - 1000cc (Std)	EBP®23	9051	–	9050				0444 or 0500	
Motorbike 1000cc - 2000cc (Std)	EBP®25	9025	–	9025				0444 or 0500	
Vehicle Heater System (Standard)	EBP®23	9051	–	9050				0444 or 0500	
LPG (Butane) System (Standard)	EBP®23	9051	–	9050				0444 or 0500	
Intercooler (depending on capacity)	EBP®23	9051	–	9050					
	EBP®25	9025	–	9025					
	EBP®40	9040	9041					0444 or 0500	0444 or 0500
	EWP®80	8105	–	8005					
Solar Hot Water Systems (depending on size)	EBP®15	9002	–	9001				0444 or 0500	
	EBP®23	9051	–	9050				0444 or 0500	
	EBP®25	9025	–	9025				0444 or 0500	
	EBP®40	9040	9041					0444 or 0500	0444 or 0500

EWP[®] ELECTRIC WATER PUMP

Replaces belt-driven water pumps

The revolutionary range of Davies, Craig's patented Electric Water Pumps are unique performance enhancement accessories suitable for most makes of 12V and 24V engines.

There are four models available:

EWP[®]80 – 80 litres [21.13 US gal] per minute: suitable for engines up to 2.0L (2000cc)

EWP[®]115 – 115 litres [30.38 US gal] per minute: for engines 2.0L to 3.5L (2000cc to 3500cc)

EWP[®]130 – 141 litres [37.24 US gal] per minute: recommended as a replacement for the EWP[®]80 and for engines 3.5L to 5.0L (3500cc to 5000cc) and 4WDs

EWP[®]150 – 150 litres [39.63 US gal] per minute: to satisfy those larger and higher horsepower, turbocharged, supercharged and 'worked' engines which develop excessive heat that must be tamed!

The EWP[®] is designed to replace a vehicle's existing mechanical belt-driven water pump. All models are simple, do-it-yourself (D.I.Y.) electric water pumps – lightweight, compact, more powerful design suitable for small, medium, large, plus high-performance cars and 4WD vehicles. The EWPs are vital performance enhancement products that improve engine cooling management while giving more power and torque and evenly dissipating heat soak.

All deliver 3% to 5% improved fuel economy while lowering environmental impact by reducing emissions.

The EWPs also are ideal as a 'booster' for your current mechanical pump within your existing cooling system.

Note: Davies Craig EWP[®] and EBP[®] are not self-priming.

Options for pump control

1. Use in conjunction with LCD EWP[®]/Fan Digital Controller

The Digital Controller has a micro-processor which will run the EWP[®] at exactly the right flow rate maintaining your set, targeted engine temperature.

2. Use in conjunction with a Thematic[®] Switch Combine the EWP[®] with an adjustable Thematic[®] Switch to add a cooling boost to an overheating mechanical pump cooling system.

3. Continuous Operation.

Wire the pump to the ignition for maximum cooling – suitable for race vehicles, very hot climates and chronically overheating engines.

Electric Water Pump Kits are supplied with most components for DIY installation, including easy-to-understand instructions.

4. The LCD EWP[®]/Fan Digital Controller is supplied in "Combo Kits" (see pages 8, 10, 12, 14 and 16) or can be purchased separately (see page 7).
5. Thematic[®] Switches are sold separately – see pages 22-24 for details.



EWP[®]150
EWP[®]130
EWP[®]115 (Alloy and Nylon)
and **EWP[®]80** (Nylon)

Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

The many benefits of the EWP[®] include:

- increased power and torque
- increased cooling capability
- eliminating heat soak
- better management of engine temperature
- flexible options for pump control.

There are four Electric Booster Pumps (EBP®) to choose to suit your specific requirements.

EBPs are robustly constructed brushless, high-flow, magnetically-driven booster pumps. The EBP® series of brushless motor-powered booster pumps have fewer moving parts and the impeller floats in the liquid being pumped! The booster pump's internal chamber is hermetically sealed for trouble-free operation and long life.

Our EBP® are lightweight, robust, fully-sealed units. Installation can be carried out with ease. Low-current draw, high-flow capacity and long life make these EBP® ideal for a range of automotive, motorcycle, intercooler, marine and solar applications to name a few.

The EBP® kits (part #9001 and #9050) includes the EBP®15, EBP®23 and all accessories needed to fit it to the engine's heater hose to boost coolant flow, including easy to understand, do-it-yourself fitting instructions.

EBP®40 is available in 12V (#9040) and 24V (#9041) which includes a Mounting Bracket.

EBP®25 is available as a Kit, (#9025) which includes an Adaptor Plug and Mounting Bracket.

EBP®23 is available as a Kit (#9050), "Pump only" (#9051) which includes a Mounting Bracket.

EBP®15 is available as a Kit (#9001), "Pump only" (#9002) which includes the Wiring Loom.

See pages 22-24 for full details.



The many EBP® applications include:

- booster for car heater and LPG systems
- solar and marine applications
- water-cooled motorcycle and go-kart engines
- turbo air/water intercoolers
- caravans and motor homes
- household irrigation.



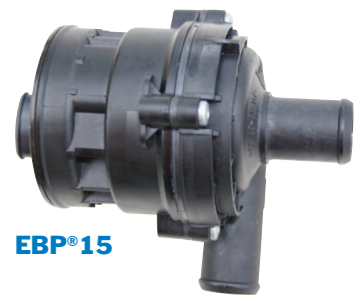
EBP®40



EBP®25



EBP®23



EBP®15

Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

EWP® Header Adaptor Kits

EWP® Header-Adaptors are simply designed to complement the fitment of your EWP® Combo Kit.

If you've purchased an EWP® Combo Kit, then you will have an LCD EWP®/Fan Digital Controller with a built-in switch that will thermatically control the new electric Thematic® Fan in unison with your new EWP®.

Simple, easy-to-follow installation instructions are supplied to ensure the Davies, Craig EWP® Electric Water Pump Combo and Header-

Adaptors are assembled, mounted and perform in accordance with the product's design.

A video outlining the installation is also available for viewing on the Davies Craig website, www.daviescraig.com.au.

LS Series
(Part #8650) shown



EWP ELECTRIC
WATER PUMP
Replaces belt-driven water pumps

See page 25 for EWP® Header Adaptor details.

LCD EWP® / Fan Digital Controller 12 Volt & 24 Volt

For optimum control of Davies, Craig 12 Volt and 24 Volt Electric Water Pumps.

Suits EWP®80, EWP®115, EWP®130, EWP®150 and Thermatic® Fans.

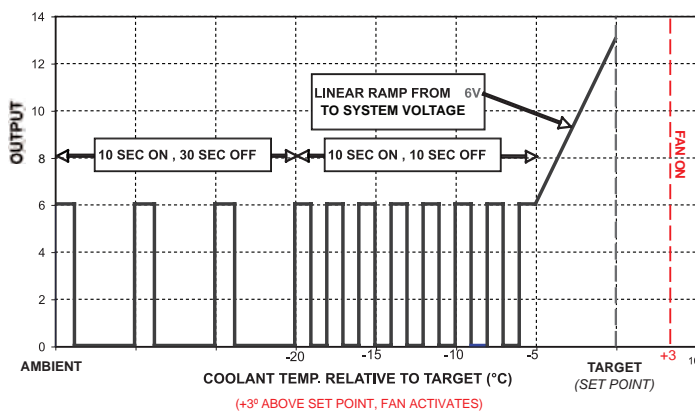
The LCD EWP®/Fan Digital Controller has a number of specific functions.

This unique Digital Controller will manage the operation of the EWP® by varying the speed of the pump in response to the coolant temperature and manage control of your electric engine fan.

The Controller has a push-button to lock in any temperature between 40 °C and 110 °C. It's highly recommended you set/target the Controller to closely match your engine's existing thermostat temperature.



EWP DIGITAL CONTROLLER OPERATION



Generally, higher engine temperature will offer improved fuel efficiency and lower engine temperature more power. The Digital Controller will operate the engine's electric fan automatically once the engine has reached 3 °C (5.4 °F) above the targeted (set) temperature. Another significant benefit is that the Controller allows the EWP® to run on after ignition shutdown to eliminate heat soak.

Technical Specifications

Voltage range	12V DC to 29V DC
Display LCD size	75mm (3") x 65mm (2.55")
Maximum current	12A
Warning alarm	High & low Temp., Above set temp., Sensor short circuit, Pump error, High & low voltage and Sensor open circuit
Targeted (set) temperatures	40 °C (104 °F) to 110 °C (230 °F) Override feature for bleeding operation
Memory Storage	Built in targeted temperature memory
Fan cut-in temp.	3 °C (5.4 °F) above the targeted (set) temperature Davies Craig fan symbol rotates
Controller type	PCB with Micro-processor
Sensor type	Thermal Sensor
Overrun/shutdown	10 °C (14 °F) below set/target temperature or 3 minutes whichever occurs first
Indicators	Temperature, power, EWP, test, fan, high & low temp, voltage, above set temperature (with alarm)
Weight	100 grams (3.5 oz)
Dimensions	98mm (l) x 95mm (w) x 25mm (d) (3.8") (3.7") (1")

Kit Contents (parts also sold separately)

Part #	Description	Qty
8102	LCD EWP® & Fan Digital Controller (module only)	1
18413	Wiring Harness	1
10420	Adaptor - Nylon, In-line 35mm (1 3/8") O.D., 2 x 1/4" NPT ports	1
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	2
18512	Hose Clamp	2
18415	Sensor, Thermal - Coolant temp. 1/4" NPT	1
10615	Velcro Mounting Patch	1
10617	Mounting Plate - suits #8002	1
10616	Mounting U Bracket - suits #8002	1
	Assorted Hardware	1
	Installation Instructions	1

EWP[®] 150 Alloy/Digital Controller Combo

150 Litres per minute

12 & 24 Volt

Muscle up your engine cooling system with the Davies Craig EWP[®] 150 alloy Electric Water Pump and the LCD EWP[®]/Fan Digital Controller.

Like all EWPs, this advanced unit is designed for remote mounting in the engine bay to satisfy those higher horsepower, turbocharged, supercharged and 'worked' engines which develop excessive heat.

The compact EWP[®]150 Alloy Electric Water Pump is manufactured with internal -16AN fittings, 38mm (1½") O.D. inlet and outlet for neat, custom and high performance applications.

This rugged alloy hi-flow electric water pump is designed to complement or replace the engine's existing mechanical water pump. This essential performance accessory increases power to your vehicle's drive wheels and improves coolant temperature control.



The EWP[®]150 is a universal, do-it-yourself, easy installation fitment to engines up to seven litres.

By removing the parasitic power losses of belt-driven water pumps, the EWP[®]150 releases up to 10kW (13hp) of extra power, increased torque and fuel savings.

Combine it with the LCD EWP[®]/Fan Digital Controller and the pump continues to run after you've switched off, eliminating "heat soak" and extending engine life.

The EWP[®]150 and LCD EWP[®]/Fan Digital Controller Combo Kit is the most economical way to increase horsepower and save on fuel consumption whilst caring for your engine.

A Davies, Craig EWP[®] header adaptor kit can replace the mechanical water pump completely. See page 25.

Muscle up cooling your engine

- ✓ universal fit
- ✓ more power
- ✓ more cooling
- ✓ increase fuel efficiency
- ✓ extend engine life
- ✓ world-leading technology
- ✓ lightweight alloy



World's best auto cooling



Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

EWP® 150 Electric Water Pump - Alloy

12V - Part #8060
24V - Part #8061

EWP® 150 Electric Water Pump 12 & 24 Volt



EWP 150



- #8160 - EWP® 150, 12 Volt Pump only
- #8161 - EWP® 150, 24 Volt Pump only
- #8060 - EWP® 150, 12 Volt Kit
- #8061 - EWP® 150, 24 Volt Kit
- #8970 - EWP® 150, 12 Volt Combo
- #8971 - EWP® 150, 24 Volt Combo

Technical Specifications

	12 Volt Pump	24 Volt Pump
Operating voltage	3V DC to 15V DC	20V DC to 27V DC
Maximum current	10A @ 13V	5.5A @ 24V
Flow rate (max)	150 L/min (39.63 US gal/min) @ 13V DC	150 L/min (39.63 US gal/min) @ 24V DC
Operating temp.	-40° to 130°C (-40° to 266°F)	-40° to 130°C (-40° to 266°F)
Pump design	Clockwise centrifugal with volute chamber	Clockwise centrifugal with volute chamber
Pump weight	1,170 grams (2.6 lb)	1,170 grams (2.6 lb)
Pump material	Aluminium (powder coated)	Aluminium (powder coated)
Burst pressure	500 kPa (72.5 psi)	500 kPa (72.5 psi)
Seal	Ceramic face seal	Ceramic face seal
Fits hose sizes	35mm to 51mm (1 3/8" to 2") Internal fitting inlet -16AN outlet -16AN	35mm to 51mm (1 3/8" to 2") Internal fitting inlet -16AN outlet -16AN

Kit Contents

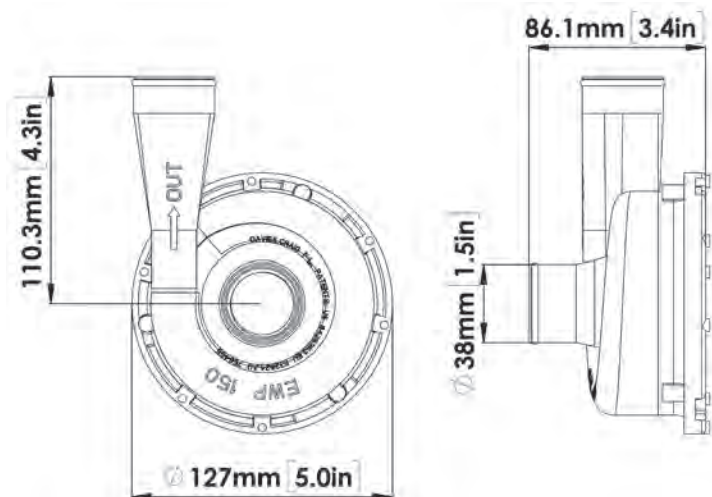
Description	12V	24V	Qty
EWP® 150 Alloy 24 Volt Pump		✓	1
EWP® 150 Alloy 12 Volt Pump	✓		1
Wiring Harness	✓	✓	1
Adaptor, Sleeve - 3mm (1/8") - Rubber	✓	✓	2
Hose Clamps	✓	✓	2
Assorted Hardware Bag includes 12 Volt Relay #10533	✓		1
Assorted Hardware Bag includes 24 Volt relay #10534		✓	1

Options Available

Part #	Description	Qty
8505	Rubber Hose - 90°, 38mm (1 1/2") I.D.	1*
1025	Adaptor, Flange - Alloy -16AN male	1*
1024	Adaptor, Swivel, 90° -16AN & 38mm (1 1/2") I.D.	1*
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	1*
18511	Adaptor, Sleeve - 6mm (1/4") - Rubber	1*

* 2 required if using at both ends

The EWP® is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not 'self-priming'.



EWP® 130 Alloy/Digital Controller Combo

12V - Part #8990
24V - Part #8991

EWP® 130 Alloy/Digital Controller Combo

130 Litres per minute

12 & 24 Volt

Turbocharge your engine cooling with the Davies, Craig EWP® 130 alloy Electric Water Pump and your choice of Thermatic® Fan and an LCD EWP®/Fan Digital Controller.

Like all the EWPs, this unit is designed for universal engine fitment, to satisfy those larger and higher horsepower, turbocharged, supercharged and 'worked' engines which develop excessive heat.

The EWP® 130 configuration mirrors the highly successful EWP® 80 which offers a numerous selection of attachment options, including elbow and straight adaptors which can be bolted on to both the inlet and outlet for simple remote engine mounting.

The EWP® 130 will be supplied with one each of the 35mm (1 3/8") straight and elbow alloy adaptors, O rings and mounting hardware along with two 3mm (1/8") rubber adaptor sleeves. The respective 38mm (1 1/2") alloy adaptors and 6mm (1/4") rubber adaptor sleeves are optional.

This rugged alloy hi-flow electric water pump is designed to complement or replace the engine's existing mechanical water pump. This essential performance accessory increases power to your vehicle's drive wheels and improves coolant temperature control.

The EWP® 130 is a universal, do-it-yourself, easy installation fitment to engines up to five litres.

By removing the parasitic power losses of belt-driven water pumps, the EWP® 130 releases up to 10kW (13hp) of extra power, increased torque and fuel savings.

Combine it with the LCD EWP®/Fan Digital Controller and the pump continues to run after you've switched off, eliminating "heat soak" and extending engine life.

The EWP® 130 and LCD EWP®/Fan Digital Controller Combo Kit is the most economical way to increase horsepower and save on fuel consumption whilst caring for your engine.

The Davies, Craig EWP® header adaptor kit can replace the mechanical water pump completely.

Turbocharge your engine cooling management

- ✓ universal fit
- ✓ more power
- ✓ more cooling
- ✓ increase fuel efficiency
- ✓ extend engine life
- ✓ world-leading technology
- ✓ lightweight alloy

EWP 130



Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

EWP® 130 Electric Water Pump - Alloy

12V - Part #8080
24V - Part #8081

EWP® 130 Electric Water Pump 12 & 24 Volt



EWP 130

Kit Contents

Description	12V	24V	Qty
EWP®130 Alloy 24 Volt Pump		✓	1
EWP®130 Alloy 12 Volt Pump	✓		1
Adaptor, Flange - Alloy 90° - 35mm (1 ³ / ₈ ")	✓	✓	1
Adaptor, Flange - Alloy Straight - 35mm (1 ³ / ₈ ")	✓	✓	1
Hose Clamps	✓	✓	2
Adaptor, Sleeve - 3mm (1/8") - Rubber	✓	✓	2
O-Ring	✓	✓	2
Wiring Harness	✓	✓	1
Assorted Hardware Bag - includes 12V Relay #10533	✓		1
Assorted hardware Bag - includes 24V relay #10534		✓	1

Options Available

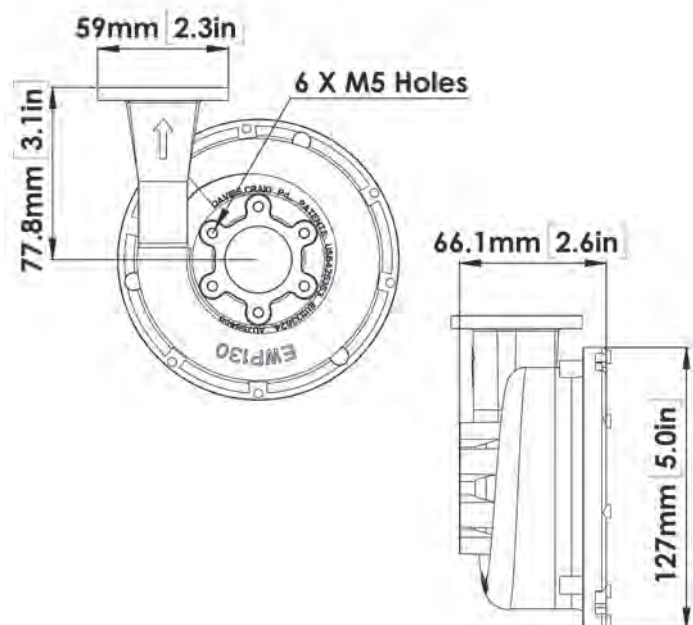
Part #	Description	Qty
8303	Adaptor, Flange - Alloy 90° - 38mm (1 ¹ / ₂ ") -16AN	1*
8304	Adaptor, Flange - Alloy Straight 38mm (1 ¹ / ₂ ") -16AN	1*
8505	Rubber Hose - 90°, 38mm (1 ¹ / ₂ ") I.D.	1*
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	1*
18511	Adaptor, Sleeve - 6mm (1/4") - Rubber	1*
1024	Adaptor, Swivel, 90° -16AN & 38mm (1 ¹ / ₂ ") I.D.	1*
1025	Adaptor, Flange - Alloy -16AN male	1*
1026	Adaptor, Flange - Alloy -20AN male	1*
1027	Adaptor, Flange - Alloy Straight - 25mm (1")	1*
1028	Adaptor, Flange - Alloy Straight - 19mm (3/4")	1*

* 2 required if using at both ends

- #8180 - EWP®130, 12 Volt Pump only
- #8181 - EWP®130, 24 Volt Pump only
- #8080 - EWP®130, 12 Volt Kit
- #8081 - EWP®130, 24 Volt Kit
- #8990 - EWP®130, 12 Volt Combo
- #8991 - EWP®130, 24 Volt Combo

Technical Specifications

	12 Volt Pump	24 Volt Pump
Operating voltage	3V DC to 15V DC	20V DC to 27V DC
Maximum current	10A @ 13V	5.5A @ 24V
Flow rate (max)	141 L/min (37.24 US gal/ min) @ 13V DC	141 L/min (37.24 US gal/ min) @ 24V DC
Operating temp.	-40° to 130°C (-40° to 266°F)	-40° to 130°C (-40° to 266°F)
Pump design	Clockwise centrifugal with volute chamber	Clockwise centrifugal with volute chamber
Pump weight	1,226 grams (2.7 lb)	1,226 grams (2.7 lb)
Pump material	Aluminium (powder coated)	Aluminium (powder coated)
Burst pressure	500 kPa (72.5 psi)	500 kPa (72.5 psi)
Seal	Ceramic face seal	Ceramic face seal
Fits hose sizes	35mm to 51mm (1 ³ / ₈ " to 2")	35mm to 51mm (1 ³ / ₈ " to 2")



EWP® 115 Alloy/Digital Controller Combo

12V - Part #8950
24V - Part #8951

EWP® 115 Alloy/Digital Controller Combo

115 Litres per minute

12 & 24 Volt

Take total control of your engine cooling with the Davies Craig EWP® 115 Alloy Electric Water Pump and LCD EWP®/Fan Digital Controller. The Controller will also manage the operation of your Thermatic® Fan.

The EWP®115 (115 litres per minute) pump is suitable for small, medium, large, high-performance and 4WD vehicles. It's a performance accessory that improves engine cooling control and capacity whilst giving you more power and torque and improved fuel economy.

Mechanical belt-driven water pumps run directly off the motor and sap engine power. The EWP®115 can be hardwired into your electrical system, by-passing the engine and releasing up to an additional 10kw (13hp).

Combined with the LCD EWP®/Fan Digital Controller, the pump continues to run after you've switched off, eliminating "heat soak" and extending engine life.

Davies, Craig's revolutionary, Australian-designed EWP® pumps are made from rugged Alloy and are universal fit, allowing for easy mounting into the bottom radiator hose.

Our kits come with easy-to-understand DIY instructions and everything you need for easy installation, including different adaptors to fit various hose sizes and all necessary electrical wiring.

The EWP®115 and LCD EWP®/Fan Digital Controller Combo Pack is the most economical way to increase horsepower and save on fuel consumption whilst caring for your engine.

The Davies, Craig EWP® header adaptor kit can replace the mechanical water pump completely. See page 25.

The world's most advanced total engine cooling management

- ✓ universal fit
- ✓ more power
- ✓ more cooling
- ✓ increase fuel efficiency
- ✓ extend engine life
- ✓ world-leading technology
- ✓ lightweight alloy

Please refer opposite for EWP® specifications and page 7 for LCD EWP®/Fan Digital Controller specifications.

EWP 115



Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

EWP® 115 Electric Water Pump - Alloy

12V - Part #8040
24V - Part #8041

EWP® 115 Electric Water Pump 12 & 24 Volt



EWP 115

Kit Contents

Description	12V	24V	Qty
EWP®115 Alloy 24 Volt Pump		✓	1
EWP®115 Alloy 12 Volt Pump	✓		1
Wiring Harness	✓	✓	1
Adaptor, Sleeve - 3mm (1/8") - Rubber	✓	✓	2
Hose Clamps	✓	✓	2
Assorted Hardware Bag - includes 12V Relay #10533	✓		1
Assorted Hardware Bag - includes 24V Relay #10534		✓	1

Options Available

Part #	Description	Qty
8505	Rubber Hose - 90°, 38mm (1½") I.D.	1*
1025	Adaptor, Flange - Alloy -16AN male	1*
1024	Adaptor, Swivel, 90° -16AN & 38mm (1½") I.D. - Alloy	1*
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	1*
18511	Adaptor, Sleeve - 6mm (1/4") - Rubber	1*

* 2 required if using at both ends

The EWP® is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not 'self-priming'.

#8140 - EWP®115, 12 Volt Pump only

#8141 - EWP®115, 24 Volt Pump only

#8040 - EWP®115, 12 Volt Kit

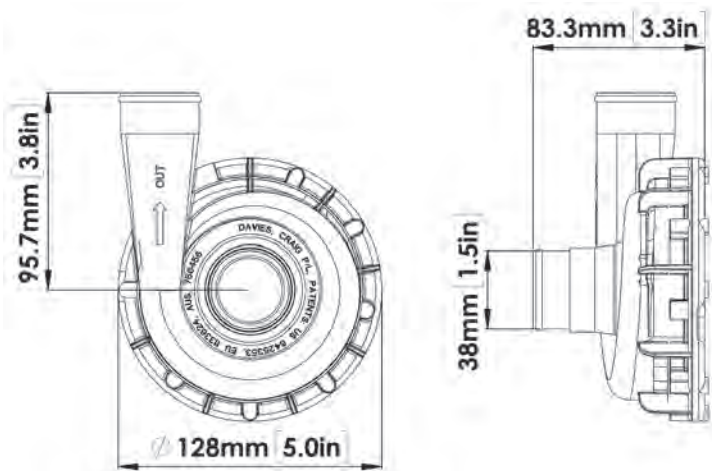
#8041 - EWP®115, 24 Volt Kit

#8950 - EWP®115, 12 Volt Combo

#8951 - EWP®115, 24 Volt Combo

Technical Specifications

	12 Volt Pump	24 Volt Pump
Operating voltage	3V DC to 15V DC	20V DC to 27V DC
Maximum current	10A @ 13V	5.5A @ 24V
Flow rate (max)	115 L/min (30.38 US gal/min) @ 13V DC	115 L/min (30.38 US gal/min) @ 24V DC
Operating temp.	-40° to 130°C (-40° to 266°F)	-40° to 130°C (-40° to 266°F)
Pump design	Clockwise centrifugal with volute chamber	Clockwise centrifugal with volute chamber
Pump weight	1,101 grams (2.43 lb)	1,101 grams (2.43 lb)
Pump material	Aluminium (powder coated)	Aluminium (powder coated)
Burst pressure	500 kPa (72.5 psi)	500 kPa (72.5 psi)
Seal	Ceramic face seal	Ceramic face seal
Fits hose & thread sizes	35mm to 51mm (1⅜" to 2") inlet -16AN outlet -16AN	35mm to 51mm (1⅜" to 2") inlet -16AN outlet -16AN



EWP® 115 Nylon/Digital Controller Combo

12V - Part #8930

24V - Part #8931

EWP® 115 Nylon/Digital Controller Combo

115 Litres per minute

12 & 24 Volt

Take total control of your engine cooling with the Davies Craig EWP® 115 Nylon Electric Water Pump and LCD EWP®/Fan Digital Controller. The Controller will also manage the operation of your Thermatic® Fan.

The EWP®115 (115 litres per minute) pump is suitable for small, medium, large, high-performance and 4WD vehicles. It's a performance accessory that improves engine cooling control and capacity whilst giving you more power and torque and improved fuel economy.

Mechanical belt-driven water pumps run directly off the motor and sap engine power. The EWP®115 can be hardwired into your electrical system, by-passing the engine and releasing up to an additional 10kw (13hp).

Combined with the LCD EWP®/Fan Digital Controller, the pump continues to run after you've switched off, eliminating "heat soak" and extending engine life.

Davies, Craig's revolutionary, Australian-designed EWP® pumps are made from anti-corrosive, lightweight nylon reinforced with fibreglass. Universal fit allows for easy mounting into the bottom radiator hose.

Our kits come with easy-to-understand DIY instructions and everything you need for easy installation, including different adaptors to fit various hose sizes and all necessary electrical wiring.

The EWP®115 and LCD EWP®/Fan Digital Controller Combo Pack is the most economical way to increase horsepower and save on fuel consumption whilst caring for your engine.

The Davies, Craig EWP® header adaptor kit can replace the mechanical water pump completely. See page 25.

The world's most advanced total engine cooling management

- ✓ universal fit
- ✓ more power
- ✓ more cooling
- ✓ increase fuel efficiency
- ✓ extend engine life
- ✓ world-leading technology
- ✓ lightweight Nylon

Please refer opposite for EWP® specifications and page 7 for LCD EWP®/Fan Digital Controller specifications.

EWP 115



Questions? Please see "frequently-asked questions" on our website: www.daviescraig.com.au

EWP® 115 Electric Water Pump - Nylon

12V - Part #8025
24V - Part #8026

EWP® 115 Electric Water Pump 12 & 24 Volt



EWP 115

Kit Contents

Description	12V	24V	Qty
EWP®115 Nylon 24 Volt Pump		✓	1
EWP®115 Nylon 12 Volt Pump	✓		1
Wiring Harness	✓	✓	1
Adaptors - Rubber Sleeve - 3mm (1/8")	✓	✓	2
Hose Clamps	✓	✓	2
Assorted Hardware Bag - includes 12V Relay #10533	✓		1
Assorted Hardware Bag - includes 24V Relay #10534		✓	1

Options Available

Part #	Description	Qty
8505	Rubber Hose - 90°, 38mm (1½") I.D.	1*
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	1*
18511	Adaptor, Sleeve - 6mm (1/4") - Rubber	1*

* 2 required if using at both ends

The EWP® is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not 'self-priming'.

Please see pages 25-26 for EWP® header adaptors and accessories.

Please see page 27 for pressure vs flow chart.

#8125 - EWP®115, 12 Volt Pump only

#8126 - EWP®115, 24 Volt Pump only

#8025 - EWP®115, 12 Volt Kit

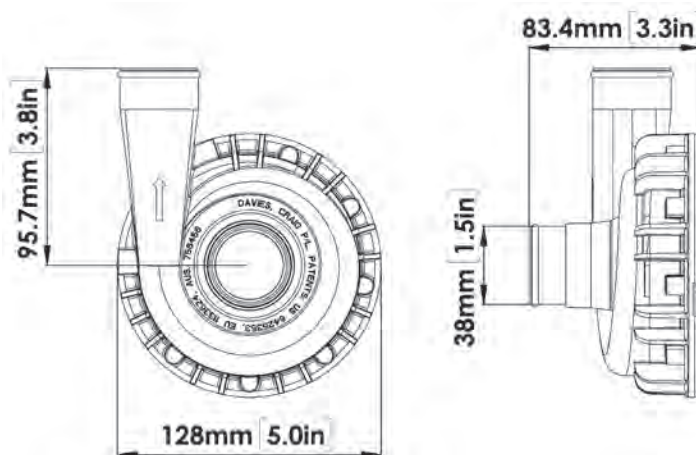
#8026 - EWP®115, 24 Volt Kit

#8930 - EWP®115, 12 Volt Combo

#8931 - EWP®115, 24 Volt Combo

Technical Specifications

	12 Volt Pump	24 Volt Pump
Operating voltage	3V DC to 15V DC	20V DC to 27V DC
Maximum current	10A @ 13V	5.5A @ 24V
Flow rate (max)	115 L/min (30.38 US gal/min) @ 13V DC	115 L/min (30.38 US gal/min) @ 24V DC
Operating temp.	-40° to 130°C (-40° to 266°F)	-40° to 130°C (-40° to 266°F)
Pump design	Clockwise centrifugal with volute chamber	Clockwise centrifugal with volute chamber
Pump weight	920 grams (2.03 lb)	920 grams (2.03 lb)
Pump material	Nylon 66 - 30% glass filled	Nylon 66 - 30% glass filled
Burst pressure	500 kPa (72.5 psi)	500 kPa (72.5 psi)
Seal	Ceramic face seal	Ceramic face seal
Fits hose sizes	35mm to 51mm (1½" to 2")	35mm to 51mm (1½" to 2")



EWP® 80/Digital Controller Combo

80 Litres per minute

12 Volt only

The EWP®80 Electric Water Pump and LCD EWP®/Fan Digital Controller Combo – simple, do-it-yourself, easy to install, designed to complement or replace your existing belt-driven, mechanical water pump and engine thermostat, and operate your Thermatic® Fan.

The EWP®80 will fit most vehicle makes and models fitted with naturally-aspirated or turbo engines up to two litres.

The revolutionary, Australian-designed EWP®80 is made from anti-corrosive, lightweight, heat-resistant, glass-filled nylon and incorporates a ceramic faced seal for long-life durability.

The EWP®80 greatly enhances engine cooling control while giving you added power and improved fuel economy.

By removing the parasitic power losses of a belt-driven, mechanical water pump the EWP® can provide up to 10kW (13hp) of extra power and increased torque.

The LCD EWP®/Fan Digital Controller will manage both the EWP® and Thermatic® fan operation. The Digital Controller will vary the speed of the EWP® in response to the engine's coolant temperature. Multiple temperature settings are provided on the Controller for either maximum power or fuel efficiency.

The Thermatic® Fan/s will be activated automatically once the engine coolant rises 3 °C (5.4 °F) above the targeted (set) temperature. The Digital Controller will automatically run on for three minutes (or to 10 °C / 14 °F below the set temperature) after engine shut down, eliminating 'heat soak' and extending engine life.

The EWP®80 Digital Controller Combo is supplied in a do-it-yourself kit with everything you need for fitment to your vehicle's engine, including an easy-to-follow DIY instruction booklet.

The world's most advanced total engine cooling management system

- ✓ universal fit
- ✓ more power
- ✓ more cooling
- ✓ increase fuel efficiency
- ✓ extend engine life
- ✓ world-leading technology
- ✓ lightweight Nylon

EWP 80



**DAVIES,
CRAIG**
World's best auto cooling

EWP® 80 Electric Water Pump - Nylon

Part #8005
(12 Volt only)

EWP® 80 Electric Water Pump - Nylon 12 Volt only



EWP 80

Technical Specifications

	12 Volt Pump
Operating voltage	3V DC to 15V DC
Maximum current	7.5A @ 13V
Flow rate (max)	80 L/min (21.13 US gal/min) @ 13V DC
Operating temp.	-40° to 130°C (-40° to 266°F)
Pump design	Clockwise centrifugal with volute chamber
Pump weight	900 grams (2.0 lb)
Pump material	Nylon 66, 30% glass-filled
Burst pressure	350 kPa (50 psi)
Seal	Ceramic face seal
Fits hose sizes	32mm to 51mm (1 3/8" to 2")

Please see pages 25-26 for EWP® header adaptors and accessories.

Please see page 27 for pressure vs flow chart.

#8105 - EWP®80, 12 Volt Pump only

#8005 - EWP®80, 12 Volt Kit

#8907 - EWP®80, 12 Volt Combo

Kit Contents

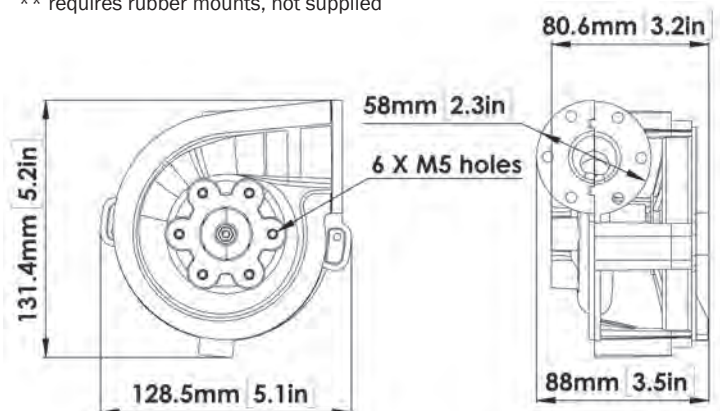
Description	Qty
EWP®80 Pump	1
Adaptor, Flange - Nylon Straight - 35mm (1 3/8") #8307	1
Adaptor, Flange - Nylon Elbow 90° - 35mm (1 3/8") #8309	1
O Ring	2
Wiring Harness	1
Adaptors, Sleeve - 3mm (1/8") - Rubber #18510	2
Hose Clamps	2
Assorted Hardware Bag - includes Relay #10533	1

Options Available

Part #	Description	Qty
1025	Adaptor, Flange - Alloy -16AN male	1*
1026	Adaptor, Flange - Alloy -20AN male	1*
1027	Adaptor, Flange - Alloy Straight -25mm (1")	1*
1028	Adaptor, Flange - Alloy Straight - 19mm (3/4")	1*
8301	Adaptor, Flange - Alloy 90° - 35mm (1 3/8")	1*
8302	Adaptor, Flange - Alloy Straight - 35mm (1 3/8")	1*
8303	Adaptor, Flange - Alloy 90° - 38mm (1 1/2") -16AN	1*
8304	Adaptor, Flange - Alloy Straight 38mm (1 1/2") -16AN	1*
18510	Adaptor, Sleeve - 3mm (1/8") - Rubber	1*
18511	Adaptor, Sleeve - 6mm (1/4") - Rubber	1*
0604	Mounting Feet (Pack of 4)**	1*
8505	Rubber Hose - 90°, 38mm (1 1/2") I.D.	1*

* 2 required if using at both ends

** requires rubber mounts, not supplied



EBP[®] 40 Electric Booster Pump

12V - Part #9040
24V - Part #9041

EBP[®] 40 Electric Booster Pump

37 Litres per minute

12 & 24 Volt

A high-performance brushless motor, magnetic-drive pump. Compact and versatile pump for a range of applications.

This high-performance 37 litre per minute, brushless, magnetically-driven EBP[®] has drawn high acclaim globally for its diversity of applications. These include booster for car heater and LPG systems, solar and marine applications, water-cooled motorcycle, go-kart engines, turbo air/water intercoolers, caravans, motor homes and domestic irrigation.

The EBP[®]40 is offered in both 12 and 24 Volt.

Technical Specifications

	12 Volt Pump	24 Volt Pump
Motor	12 Volt Brushless	24 Volt Brushless
Operating voltage	6V DC to 18V DC	12V DC to 28V DC
Maximum current	4.5A @ 12V	2.5A @ 24V
Flow rate (max)	35 L/min (9.2 US gal/min)	37 L/min (9.8 US gal/min)
Maximum Pump Pressure	0.85 Bar (12.33 psi)	0.85 Bar (12.33 psi)
Operating temp.	-40° to 120°C (-40° to 248°F)	-40° to 120°C (-40° to 248°F)
Pump design	Recirculating centrifugal	Recirculating centrifugal
Pump weight	570 grams (1.26 lb)	570 grams (1.26 lb)
Pump material	PPS / PA66	PPS / PA66
Burst pressure	250 kPa (36 psi)	250 kPa (36 psi)
Fits hose sizes	19mm (¾")	19mm (¾")
IP Rating	IP67	IP67

The EBP[®] is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not self priming'.

For optimum coolant flow control, use either of Davies, Craig Thematic Switches (#0400, #0444 or #0500). See pages 22-24.

Please see page 27 for Pressure vs Flow chart.

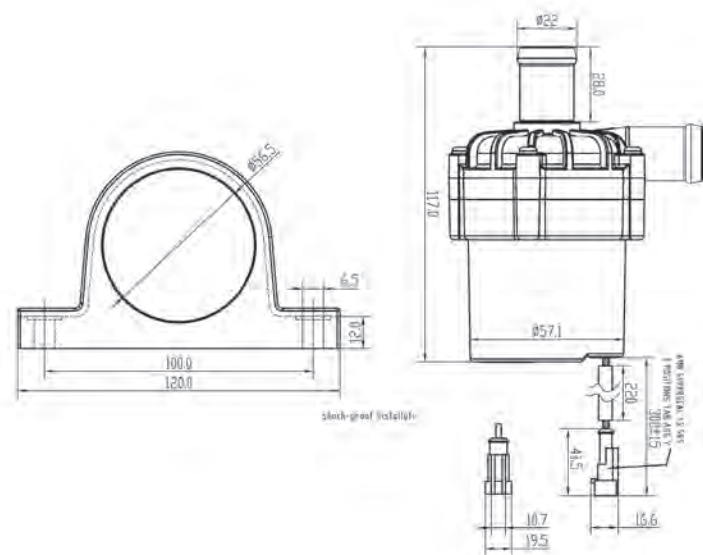


Kit Contents

Description	12V	24V	Qty
EBP [®] 40 24 Volt Electric Booster Pump		✓	1
EBP [®] 40 12 Volt Electric Booster Pump	✓		1
Mounting Bracket	✓	✓	1

Optional

Part #	Description	Qty
19517	Wiring Harness, Male AMP Plug (170cm/5'7")	1



EBP® 25 Electric Booster Pump

Part #9025
(12 Volt only)

EBP® 25 Electric Booster Pump

27 Litres per minute

12 Volt only

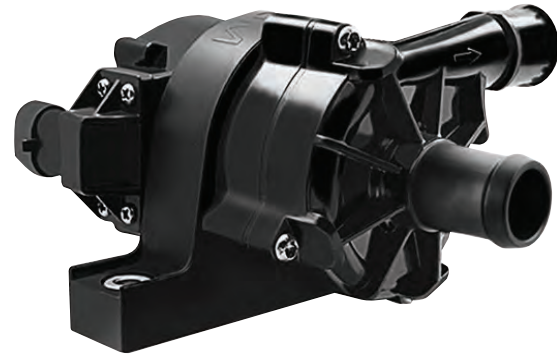
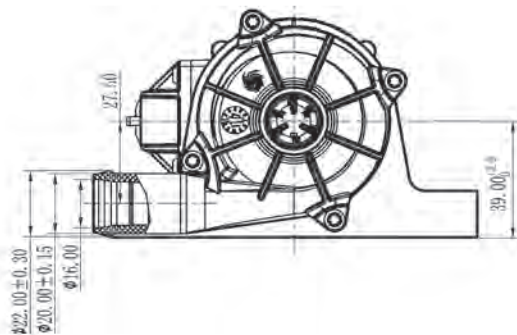
A high-performance brushless motor, magnetic-drive pump. Compact and versatile 12V pump for a range of applications.

This high-performance 27 litre per minute, 12 Volt, brushless, magnetically-driven EBP has drawn high acclaim globally for its diversity of applications.

The many EBP® applications include use as a booster for car heater and LPG systems, solar and marine applications, water-cooled motorcycle, go-kart engines, turbo air/water intercoolers, caravans, motor homes and domestic irrigation.

Technical Specifications

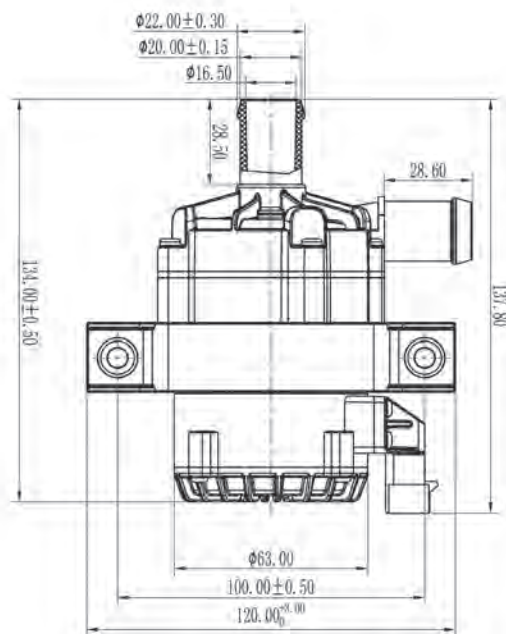
	Description
Motor	12 Volt Brushless
Operating voltage	8V DC to 20V DC
Maximum current	2.1A @ 12V
Rated flow	27 L/min (7.13 US gal/min) @ 10 kPa
Maximum pump pressure	0.45 Bar (6.53 psi)
Operating temp.	-40° to 120°C (-40° to 248°F)
Pump design	Recirculating centrifugal
Pump weight	650 grams (1.43 lb)
Pump material	PPS
Burst pressure	250 kPa (36 psi) minimum
Fits hose sizes	19mm (3/4")
IP Rating	IP67



Kit Contents

Description	Qty
EBP25 Electric Booster Pump, Brushless	1
Wiring Harness, Plug Adaptor, Bosch to AMP - #19520	1
Wiring Harness, with AMP Plug - #19518	1

The EBP® is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not self priming'.



For optimum coolant flow control, use either of the Davies, Craig Thematic Switches (#0400, #0444 or #0500). See pages 22-24.

Please see page 27 for Pressure vs Flow chart.

EBP® 23 Electric Booster Pump

Part #9050
(12 Volt only)

EBP® 23 Electric Booster Pump

23 Litres per minute

12 Volt only

A high-performance brushless motor, magnetic-drive pump. Compact and versatile 12V pump for a range of applications.

The EBP®23 is a 'brushless' 12 Volt, high-flow (23 litres/6.08 US gallons per minute), magnetically-driven water pump.

The EBP® motor has no brushes to wear out. The pump is magnetically driven by the motor, which means that no shaft sealing is required.

The many EBP® applications include use as a booster for car heater and LPG systems, solar and marine applications, water-cooled motorcycle, go-kart engines, turbo air/water intercoolers, caravans, motor homes and domestic irrigation.

Technical Specifications

	Description
Motor	12 Volt Brushless
Operating voltage	6VDC to 18VDC
Maximum current	1.3A
Flow rate (max)	23 L/min (6 US gal/min)
Maximum Pump Pressure	0.25 Bar (3.63 psi)
Operating temp.	-40° to 120°C (-40° to 248°F)
Pump design	Recirculating centrifugal
Pump weight	364 grams (0.8 lb)
Pump material	PP66/PPS
Burst pressure	250 kPa (36 psi) minimum
Fits hose sizes	12.5mm to 19mm (½" to ¾") using Stepped Adaptor
IP Rating	IP68



Kit Contents

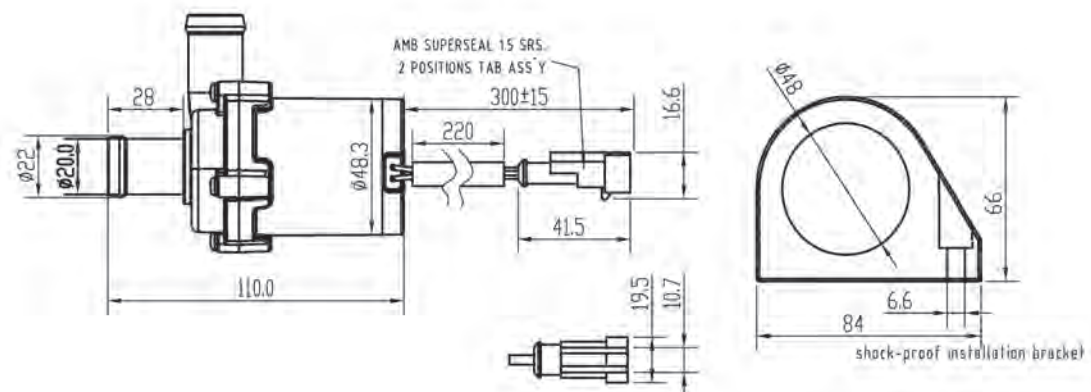
Description	Qty
EBP®23 Electric Booster Pump	1
Adaptor, Stepped Reducer - 19mm (¾"), 15mm, (9/16"), 12.5mm (½") #19020	2
Hose Clamps	4
Hose - Adaptor, 19mm (¾") I.D.	2
Mounting Bracket	1
Installation instructions	1

Options Available

Part #	Description	Qty
9051	EBP®23 Electric Booster Pump with Mounting Bracket	1
19517	Wiring Harness, Male AMP Plug (170cm/5'7")	1
19520	Wiring Harness, Plug Adaptor, Bosch to AMP	1

For optimum coolant flow control, use either of the Davies, Craig Thematic Switches (#0400, #0444 or #0500). See pages 22-24.

Please see page 27 for Pressure vs Flow chart.



EBP®15 Electric Booster Pump

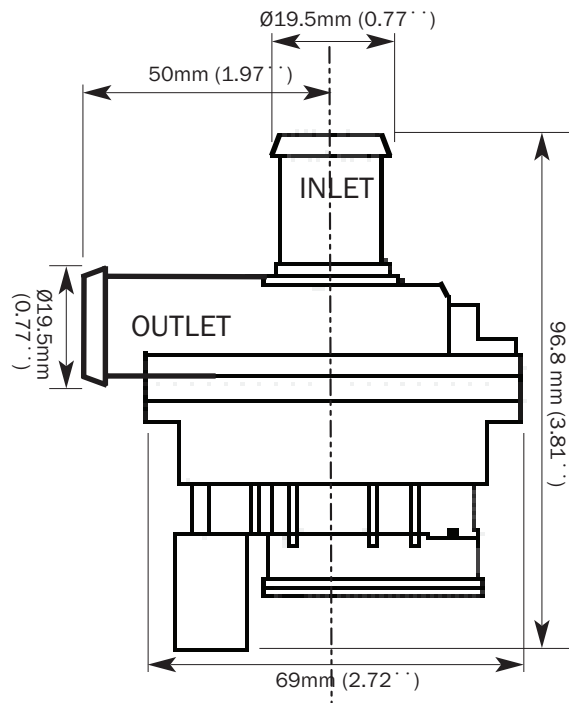
15 Litres per minute

12 Volt only

A high-performance brushless motor, magnetic-drive pump. Compact and versatile 12V pump for a range of applications.

Davies, Craig developed the Electric Booster Pump (EBP®15), designed for use with either an EWP® or a conventional mechanical water pump to enhance the heater and LPG systems.

This high-performance 15 litre per minute, 12 Volt, brushless, magnetically-driven EBP® has drawn high acclaim globally for its diversity of applications. These include booster for car heater and LPG systems, solar and marine applications, water-cooled motorcycle, go-kart engines, turbo air/water intercoolers, caravans, motor homes and domestic irrigation.



The EBP® is a recirculating pump which is ideal for a 'closed system' similar to an automotive cooling system; it is not self priming'.

For optimum coolant flow control, use either of the Davies, Craig Thematic Switches (#0400, #0444 or #0500). See pages 22-24.

Please see page 27 for Pressure vs Flow chart.



Technical Specifications

	Description
Motor	12 Volt Brushless
Operating voltage	9V DC to 15V DC
Maximum current	1.5A
Rated flow	15 L/min (4 US gal/min) @ 10 kPa
Maximum pump pressure	0.2 Bar (2.9 psi)
Operating temp.	-40° to 120°C (-40° to 248°F)
Pump design	Recirculating centrifugal
Pump weight	245 grams (0.54 lb)
Pump material	Nylon 66, 30% glass-filled
Burst pressure	250 kPa (36 psi) minimum
Fits hose sizes	12.5mm to 19mm (½" to ¾") using stepped adaptors
IP Rating	IP69K

Kit Contents

Description	Qty
EBP®15 Electric Booster Pump	1
Adaptor, Stepped Reducer - 19mm (¾"), 15mm, (9/16"), 12.5mm (½") #19020	2
Hose Clamps	4
Hose - Adaptor, 19mm (¾") I.D.s	2
Wiring Harness #19515	1
Installation Instructions	1

Option Available

Part #	Description	Qty
9002	EBP®15 Electric Booster Pump with Wiring Harness	1

Thermatic® Switches

We have a number of controllers & switches to manage either an Electric Water Pump (EWP), Electric Booster Pump (EBP), Electric / Thermatic Fan or both - please refer to the chart below.

Specifications	Part #0401	Part #0444	Part #0500	Part #8002
Operating Voltage	12 & 24 Volt	12 & 24 Volt	12 & 24 Volt	12 & 24 Volt
Maximum Current	20 Amps	40 Amps	40 Amps	12 Amps EWP only
Fan Application	Relay Switching Current MAX 15A	MAX 30A Each	All DCPL Fans, EWPs & EBPs	All DCPL Fans, EWPs & EBPs
Speed	Single Speed	Single Speed	Single Speed	Single speed Fan & Variable EWP
Single Fan Control	✓	✓	✓	✓
Duel Fan Control	Wiring Dependant	✓	✓	Wiring Dependant
EWP Control	ON / OFF ONLY (USE 8002)	ON / OFF ONLY (USE 8002)	ON / OFF ONLY (USE 8002)	✓
EBP Control	ON / OFF ONLY	ON / OFF ONLY	ON / OFF ONLY	✗
EWP/EBP & Fan Control	Wiring Dependant	✓	✓	EWP and Fans only
Duel Fan Start-Up Delay	✗	10 Seconds	Independent Set Temperature	✗
AC/ Manual Override - Turn On	Use #0404	✓	Selectable Fan Override	✗
Manual Override - Turn Off	✗	✗	✓	✗
°C & °F Change	No Temperature Units	✓	✓	✓
Temperature Setting Range	40°C To 100°C (104°F To 212°F)	40°C To 110°C (104°F To 230°F)	5°C To 110°C (41°F To 230°F)	40°C To 110°C (104°F To 230°F)
Temperature Setting Method	Turn Knob	Push Button	Push Button	Push Button
Coolant Temperature Detection	✓	Requires #0409 or #0465	Requires #0409 or #0465	✓
Air Temperature Detection	✗	✓	✓	✗
Transmission Temperature Detection	✗	Ambient Temperature Only	Fluid Measurement Requires #0465	✗
Temperature Display	✗	✓	✓	✓
Sensor Fault Display	✗	✓	✓	✓
Fan Operation Indicator	✗	✓	✓	EWP and Fan
Over Temperature Warning	✗	✗	✓	✓
Audible Alarm	✗	✗	✓	✓
Display Dimmer	✗	✗	✓	✗
Mounting Position	Engine Bay	Engine Bay	Vehicle Cabin	Vehicle Cabin
Mounting Options	Bracket Supplied	Built in Mounting Holes	Universal 52mm Gauge	Various Mounting Options supplied
Accessories	Part #1000 - #1003, Part #0400 (#0401 + #0409), Part #0422 (Duel Fan only)	Part #0578, Part #0409 Part #0422 (Duel Fan only), Part #0465	Part #0578, Part #0409 Part #0422 (Duel Fan only) Part #0465	Part #1000 - #1003 Thermatic Fan, EWP Header Adaptor Kit, EWP Digital Controller Combo

Thermatic® Switches

Part #0444

Digital Thermatic® Switch

12 & 24 Volt*

The Digital Thermatic® Switch can sense air or coolant temperature to automatically activate single or twin fans or a fan and/or EWP® at your set/targeted temperature when extra cooling is required.

With dual 40 Amp relays, the switch provides dual fan activation up to 50 Amps at an engine temperature range of 40°C to 110°C (104° to 230°F). Equipped with interchangeable Sensor Probe and 980mm lead for accurate temperature readings.

Push-button scrolling
40°C (104°F) to
110°C (230°F)
temperature
range

- Can operate an auxiliary Electric Water Pump in tandem with existing mechanical pump
- Simple DIY installation

Note: #0409 must be used for top radiator hose fitting or use #0418 or #0465 if you place sensor in ¼" NPT port.



*For 24-Volt electrical systems, 2 x 24 Volt relays will be required. (Sold separately - #10534)

Part #0500

Digital Gauge Thermatic® Fan/EWP Switch

12 & 24 Volt*

The Digital Gauge Thermatic® Fan/EWP Switch automatically activates single or twin fans or a fan and Electric Water Pump at your set / targeted temperature when extra cooling is required.

Can also detect transmission fluid temperature.

Attractive compact design, mountable in or on dashboard, clear LED display module.



- Push-button scrolling 5°C (41°F) to 110°C (230°F) temperature range
- Independent set temperatures for fan 1 & fan 2.
- Independent control of A/C override
- LED indicators for fan 1 and fan 2
- 52mm Gauge
- Simple DIY installation

Switch Accessories

#0409 Temperature Sensor Adaptor Kit

#0418 Compression Fitting Kit (¼"NPT)

#0465 ¼"NPT Thermal Sensor Adaptor Kit (includes #18415 Sensor, Thermal)

#10460 Sensor, Thermal - Probe Replacement

#10534 Relay 24 Volt 40 Amp



#0465 (shown above)

Part #1035

Low Coolant Level Alarm - 12 & 24 Volt

The Davies, Craig Low Coolant Level Alarm monitors coolant levels in engines to help prevent overheating and consequential failure.

It simply fits to your engine's top radiator hose and alerts you to the loss of engine coolant.

This kit's module, mounted in the driving compartment, will sound an audible alarm and flash a bright red LED when the engine coolant level drops.

This situation can occur when a radiator hose splits or frays and starts to lose the engine's coolant, or if the vehicle's radiator were to spring a leak in the core.



Optional In-line Adaptor available separately:

#11034 Sensor, Low Coolant, Replacement



Thermatic® Switches

Part #0401

Mechanical Thermatic® Switch

12 & 24 Volt

The Mechanical Thermatic® Switch is adjustable from 40° to 100° C (104° to 212° F). The Thermatic® Switch is mounted near the radiator and the stainless steel probe fitted inside the radiator hose. The Thermatic® Switch is then connected to the ignition circuit for operation.



Part #0400

Thermatic® Switch Combo

12 & 24 Volt

The thermal switch is adjustable from 40° to 100° C (104° to 212° F). No need to squeeze the probe of the Mechanical Thermal Switch between the radiator inlet and radiator hose. This simple kit allows easy fitting directly into the radiator hose.



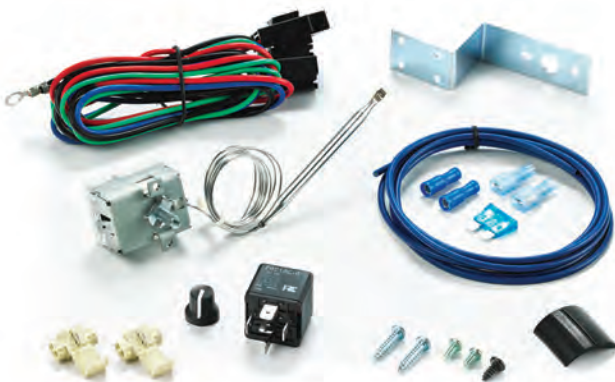
Part #0404

Mechanical Thermatic® Switch

12 & 24 Volt* plus Relay for Air Conditioning

The Mechanical Thermatic® Switch is adjustable from 40° to 100° C (104° to 212° F). The Thermatic® Switch is mounted near the radiator and the stainless steel probe fitted inside the radiator hose. The Thermatic® Switch is then connected to the ignition circuit for operation. The Thermatic® Switch and relay kit enables a fan to operate both thermally and also when the air conditioning is running.

*For 24-Volt electrical systems, 24 Volt relay/s (part #10534) will be required. (Sold separately).



Part #0409

Temperature Sensor Adaptor Kit

No need to squeeze the probe of the Mechanical Thermatic® Switch between the radiator inlet and radiator hose, or the radiator fins.

This simple, economical Adaptor Kit allows easy fitting directly into the top radiator hose. Just fit the probe into the compression fitting, remove about 17mm (2/3") of radiator hose, fit the adaptor between each hose and secure the hose clamps. The kit comes complete, as shown, for a watertight and effective probe installation. Extra rubber sleeves are supplied to enable fitment to radiator hose sizes from 32mm to 38mm (1¼" to 1½") diameter.

Suits all temperature sensors with either a 5mm or a 6mm outside diameter and temperature gauge senders with ¼" NPT thread.

Note: This is an accessory for use with #0401, #0404, #0444 and #0500 Thermatic® Switches.



Available Separately

Part #0418

Compression Fitting
¼" NPT
5mm Olive
6mm Olive

EWP® Header Adaptors

Davies, Craig's EWP® Header Adaptors are designed for use with an EWP® Electric Water Pump Combo Kits to replace your existing belt-driven mechanical water pump. Choose the Header Adaptor that suits your engine:

Part #8611 & #8621

Chevrolet V8 Engines

- #8611 EWP® Header Adaptor - Small Block Chev.
- #8621 EWP® Header Adaptor - Big Block Chev.
- #8320 Black Silicone Y Hose (available separately)



Part #8600

Holden 253, 304, 308 (5L) V8 Engines

- #8600 EWP® Header Adaptor - GM Holden 253, 304, 308 5 litre V8



Part #8650

GM LS Series Engines

- #8650 EWP® Header Adaptor - GM LS Series
- #18659 Screw Tensioner (inc. in kit) also available separately.



Part #8630

Ford Big Block Engine

- #8630 EWP® Header Adaptor - Ford Big Block
- #8317 Blue Silicone Y Hose only (available seperately)



Part #8660

Ford Coyote 5.0 Litre Engine

- #8660 EWP® Header Adaptor - Ford Coyote 5.0 litre



Part #8640

Ford Windsor V8 Engine – Early

- #8640 EWP® Header Adaptor - Ford Windsor Early



EWP® Accessories

EWP® Nylon Adaptors

#8307	Adaptor, Flange - Straight 35mm (1 $\frac{3}{8}$ ")
#8309	Adaptor, Flange - Elbow 90° - 35mm (1 $\frac{3}{8}$ ")
#18510	Adaptor, Sleeve - 3mm ($\frac{1}{8}$ ") - Rubber
#18511	Adaptor, Sleeve - 6mm ($\frac{1}{4}$ ") - Rubber
#18509	O-Ring
#10414	Adaptor, In-line - 35mm (1 $\frac{3}{8}$ ") O.D. no hole
#10420	Adaptor, In-line - 35mm (1 $\frac{3}{8}$ ") O.D. 2 x $\frac{1}{4}$ " NPT ports - Nylon
#19020	Adaptor, Stepped Reducer - 19mm ($\frac{3}{4}$ "), 15mm, ($\frac{9}{16}$ "), 12.5mm ($\frac{1}{2}$ ")



Part #0415

EWP® Air Bleed Adaptor Kit

#0415	EWP® Air Bleed Adaptor Kit
#10420	Adaptor, In-line - 35mm (1 $\frac{3}{8}$ ") O.D. 2 x $\frac{1}{4}$ " NPT ports
#10419	Fitting , Bung - $\frac{1}{4}$ " NPT - Nylon
#10412	Fitting, Air Bleed - $\frac{1}{4}$ " NPT - Brass



Part #8315

EWP® Heater Return Adaptor Kit

#8315	EWP® Heater Return Adaptor Kit - 38mm (1 $\frac{1}{2}$ ") O.D. -16AN - Alloy
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Part #8505

EWP® 90° Hose

#8505	Rubber Hose - 90°, 38mm (1 $\frac{1}{2}$ ") I.D.
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Fits all EWP® Water Pumps



EWP® Alloy Adaptors

#1024	Adaptor, Swivel, 90° -16AN & 38mm (1 $\frac{1}{2}$ ") I.D.
#1025	Adaptor, Flange - Alloy -16AN male
#1026	Adaptor, Flange - Alloy -20AN male
#1027	Adaptor, Flange - Alloy Straight - 25mm (1")
#1028	Adaptor, Flange - Alloy - 19mm ($\frac{3}{4}$ ")
#1129	Adaptor, Male Union - Alloy Straight - 1" NPT & -16AN
#8301	Adaptor, Flange - Alloy Elbow 90° - 35mm (1 $\frac{3}{8}$ ")
#8302	Adaptor, Flange - Alloy Straight - 35mm (1 $\frac{3}{8}$ ")
#8303	Adaptor, Flange - Alloy Elbow 90° - 38mm (1 $\frac{1}{2}$ ") -16AN
#8304	Adaptor, Flange - Alloy Straight 38mm (1 $\frac{1}{2}$ ") -16AN
#18509	O-Ring (supplied with each Adaptor)



Part #8700

EWP® Mounting Bracket

#8700	EWP® Mounting Bracket
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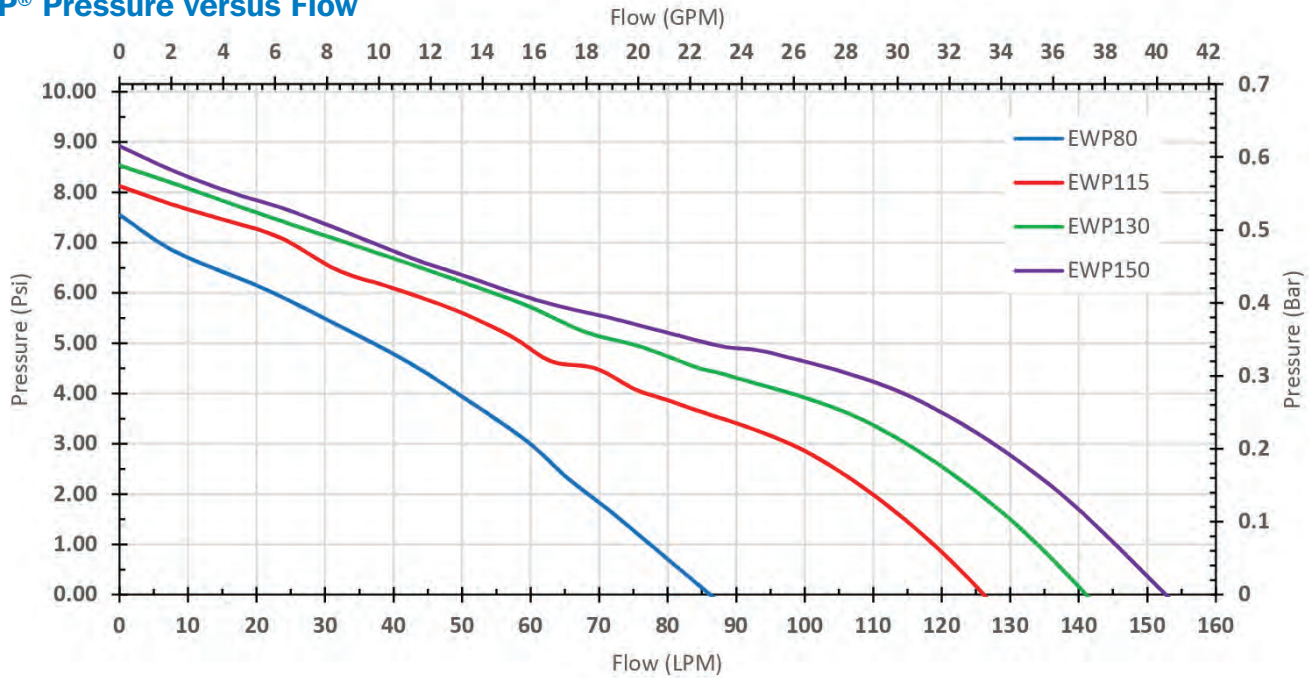
The Davies Craig EWP® Mounting Bracket can be used with the EWP®150, EWP®130 and EWP®115 (both nylon and alloy versions).

The Mounting Bracket offers greater flexibility and assists with the hard mounting of the EWP® to the engine bay by providing a rubber dampener to minimise vibration.

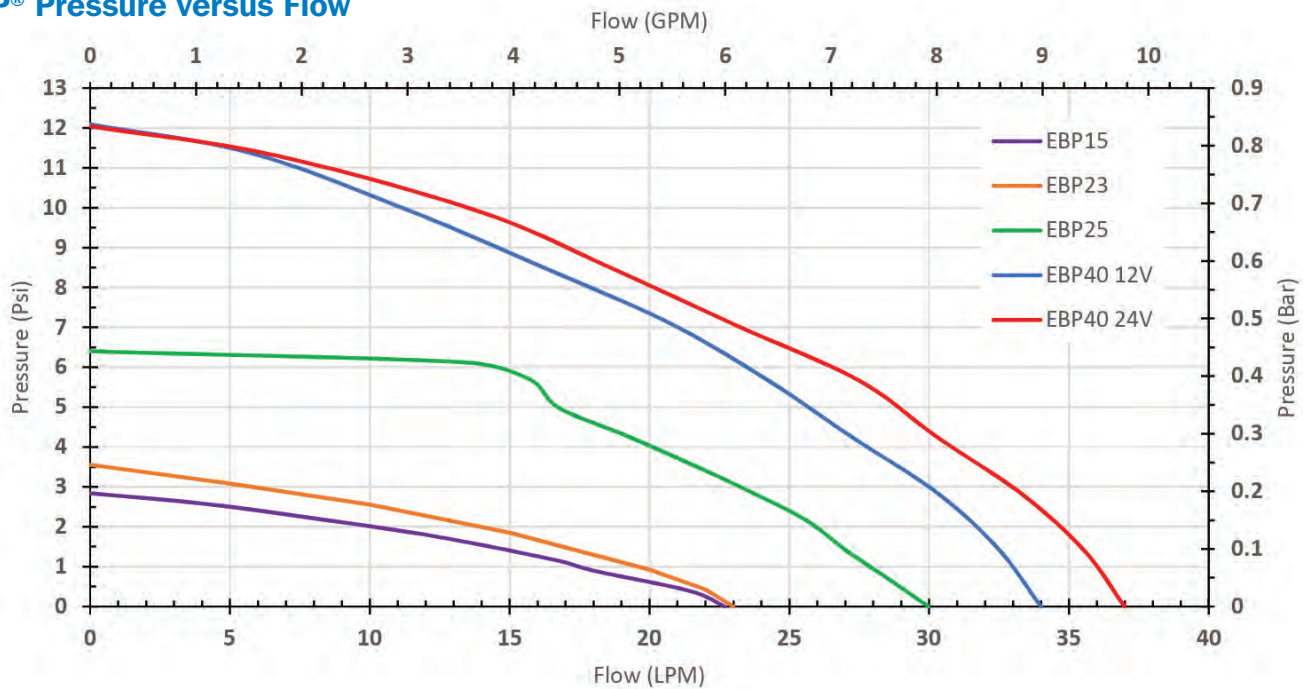


Pressure Vs Flow

EWP® Pressure versus Flow



EBP® Pressure versus Flow



Warranty



Davies, Craig Pty Ltd warrants for a period of two years or 2000 hours continuous running (whichever is the lesser) from the date of purchase. Davies, Craig shall carry out, free of cost, any repairs that are reasonably necessary to correct any fault in the operation of your Davies, Craig product provided that such a fault is directly attributable to a defect in the workmanship or materials used in the manufacture of the part(s). This warranty is void if the product is misused, altered, tampered with or is installed or used in a manner that is inconsistent with Davies, Craig's written recommendations and/or installation instructions. Labour and consequential costs are excluded.



WHY IS DAVIES CRAIG *The World's Best Auto Cooling?*

Davies Craig is at the forefront of automotive cooling technology. Having been in the industry for nearly 50 years, Davies, Craig products are trusted by some of the world's leading automotive distributors and are fitted to iconic performance vehicles around the globe.

The ability to innovate and a commitment to technology, quality and service have made Davies Craig the industry leader in automotive cooling. Whatever your automotive cooling needs, Davies, Craig has the product for the job.

AUTO COOLING EXPERTS *It's what we do!*

- At the forefront of automotive technology
- First to develop Electric Fan and Electric Water Pump
- Nearly 50 years in the automotive cooling industry
- Global leader in automotive cooling patented products
- Trusted by the world's leading automotive distributors
- Fitted to iconic performance vehicles around the globe
- Trusted in almost all forms of motorsport
- Hundreds of testimonies from leading motorsport teams owners and drivers