

SAVE
up to 70%
on running
costs*

DAVEY
PowerMaster[®]
ECO-SERIES

**ENERGY
EFFICIENT**

APPLICATION

Ideal for swimming pool applications such as filtration, automatic pool cleaning, backwashing, water features, spa jet operation, solar pool heating and gas and heat pump pool heating.



DESIGNED TO FILTER AND CIRCULATE POOL WATER

- > **Variable speeds for different applications** – allows you to switch and program speeds between ECO Flow (lowest speed) for pool filtration, Mid Flow for pool cleaning and High Flow for all other pool applications
- > **Programmable intelligence** – allows for fully programmable speed options between Eco, Mid and High Flow speeds, maximising your pool efficiency, use and performance
- > **Low emissions** – 8 Star energy efficiency rating, with super low emissions and even lower energy usage
- > **Lower noise levels** – Quiet at only 60.5db (equivalent to a normal conversation), allowing you to run your pump at any time of day or night
- > **Extra large leaf basket** – easy to remove, with a see through lid
- > **Davey dependability built in** – using the latest brushless DC motor technology, the PowerMaster ECO series offers you the reliability you have come to expect from all Davey products
- > **3 year guarantee** – peace of mind from an Australian owned, designed and engineered pool pump

*Running your pump at low speed uses less energy to turnover the same amount of pool water.



Depend on Davey

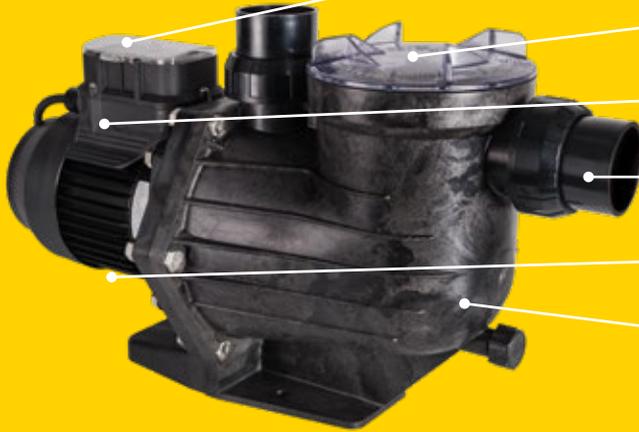
DAVEY

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PowerMaster®

ECO-SERIES

Swimming Pool Pump



3 speed variable control with fully programmable speed options for maximum performance and efficiency

Easy to remove, see through lid – with extra large leaf basket

Advanced technology brushless DC motor for longer pump life

50mm ABS quick coupling barrel unions for easy connection and installation

Auto reset thermal protection to prevent over heating of the motor

Strong corrosion resistant UV stabilised materials

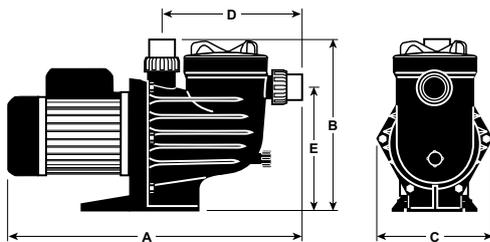
ELECTRICAL DATA

Model	PMECO
RPM	Eco Flow Speed – 1400
	Mid Flow Speed – 2400
	High Flow Speed – 2850
Enclosure Class (IP)	24
Insulation Class	Class B 130 Insulation
Voltage (VAC)	220-240
Supply Frequency (Hz)	50
Run current (A)	6.3
Motor Input Power (W / hp)	Eco Flow - 168W / 0.2 hp
	Mid Flow – 679W / 0.9 hp
	Hi Flow – 1,125W / 1.5 hp
Motor Output Power (W / hp)	Eco Flow - 127W / 0.2 hp
	Mid Flow – 521W / 0.7 hp
	Hi Flow – 853W / 1.1 hp

OPERATING LIMITS	Max. water temperature	Max. ambient temperature
	50°C	55°C

DIMENSIONS (mm)

Type	A	B	C	D	E	Mounting Holes Diameter	Inlet PVC	Outlet PVC	Net Weight (kg)
PMECO	645	330	250	305	246	10	*40/50	*40/50	15.9



*Suction and delivery accept 40mm PVC pipe on the I.D. and 50mm fitting on the O.D.

Low Energy Operation:

Your PowerMaster ECO Series pump has 3 speed settings which are also programmable:

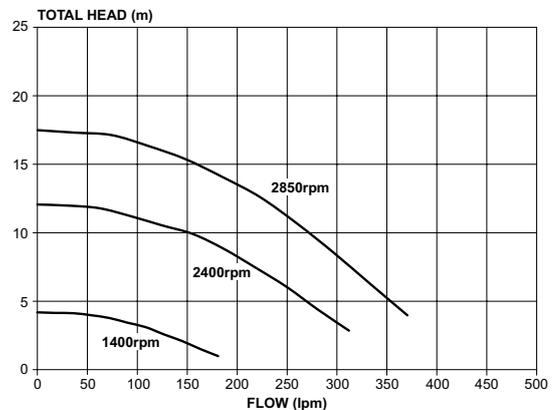
1. Eco Flow – Lowest Speed
2. Mid Flow – Medium Speed
3. High Flow – Highest Speed

- Eco Flow mode provides the lowest speed and therefore the greatest energy savings.
- For programmable speed options and settings, please contact Davey, your Davey dealer or Davey pool pump installation professional.



Operation	Recommended Speed Setting
Pool filtration	Eco Flow
Automatic pool cleaner operation	Mid Flow
Backwashing your media filter	High Flow
Manually cleaning your pool	
Water feature operation	
Spa jet operation	
Solar pool heating	

HYDRAULIC PERFORMANCE



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This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2017.



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