

DAVEY



SAVE
up to **70%**
on running
costs*



DAVEY PowerMaster® ECO

Model Numbers:
PMECO

GUARANTEE
3 YEARS

APPLICATIONS

Ideal for in-ground and above ground pools up to 70,000 litres. Suitable for filtration, water features, spa jet operation, automatic pool cleaning, solar heating, heat pumps and gas heating.

POWERMATER ECO ENERGY EFFICIENT POOL PUMP

FEATURES & BENEFITS

- **Variable speeds for different applications** – allows you to switch and program speeds between ECO Flow (lowest speed for best energy efficiency*) 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
- **Whisper quite operation**, equivalent to a normal conversation, allowing for day or night operation
- **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 lower speeds uses less energy to turn over the same amount of water over longer time periods.

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PowerMaster® ECO



- 3 speed variable control with fully programmable speed options for maximum performance and efficiency
- Easy to remove, see through lid – with 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

RPM	Eco Flow – 1500rpm
	Mid Flow – 2400rpm
	High Flow – 2850rpm
Enclosure Class (IP)	IP24
Insulation Class	Class F
Voltage (VAC)	220-240
Supply Frequency (Hz)	50
Run current (A)	6.5 amps @ High Flow
Motor Input Power (W / hp)	Eco Flow - 181W / 0.24 hp
	Mid Flow – 600W / 0.80 hp
	Hi Flow – 970W / 1.30 hp
Pump Output Power (W / hp)	Eco Flow - 145W / 0.19 hp
	Mid Flow – 480W / 0.64 hp
	Hi Flow – 776W / 1.04 hp

OPERATING LIMITS

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

DIMENSIONS (mm)

Model	A	B	C	D	E	Mounting Holes Diameter	Inlet PVC	Outlet PVC	Net Weight (kg)
PMECO	705	330	250	305	246	10	*40/50	*40/50	16.75

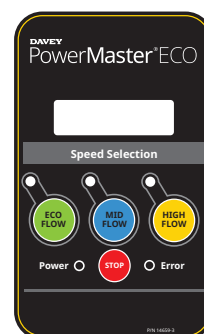
* Pump supplied with barrel union sets for 40mm and 50mm PVC pipe.

Low Energy Operation:

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

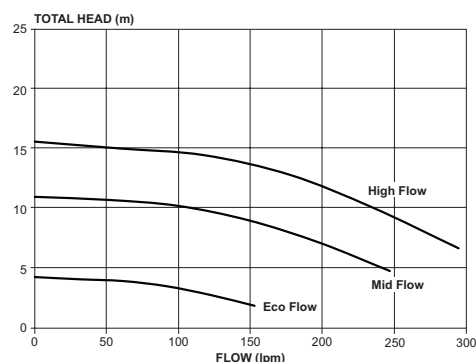
1. Eco Flow – Lowest Speed
2. Mid Flow – Medium Speed
3. High Flow – Highest Speed

- 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



daveywater.com

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 2024.

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