



ENERGY EFFICIENT POOL PUMPS

DAVEY®



DAVEY
PowerMaster®
ECO-SERIES

8 Star Energy Efficient Swimming Pool Pump

The premium Davey PowerMaster® ECO-Series range is specifically designed to circulate swimming pool water for filtration and in-floor cleaning applications. Variable three speed motor allows very high efficiency.



APPLICATIONS

Ideal for most swimming pool applications such as:

- Filtration
- Auto pool cleaning
- Backwashing
- Water features
- Spa jet operation
- Solar pool heating

WHY CHOOSE THE PowerMaster® ECO Series pump?

Intelligent - Three speed control for efficient use all year round.

The variable speed motor allows you to choose from ECO Flow for pool filtration, Mid Flow for automatic pool cleaning and High Flow for all other tasks.

Low Emissions - Comes with 8 Star energy efficiency rating, with super low emissions and even lower power usage.

Lower Noise Levels - Quiet noise level of only 60.5db, allowing you to run your pump at any time of day or night.

Davey Dependability Built In - Using the latest brushless DC motor technology, the PowerMaster® ECO offers dependability you have come to expect from all Davey products.

3 Year Guarantee - Peace of mind from an Australian designed and engineered pool pump.

SAVE
up to 70%
on running
costs

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WATER PRODUCTS

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- 3 speed variable control for maximum efficiency.
- Easy to remove, see through lid – extra large leaf basket.
- Advanced technology brushless DC motor for longer pump life.
- 50mm ABS quick coupling barrel unions for easy installation.
- Auto reset thermal protection to prevent over heating of motor.
- Strong corrosion resistant UV stabilised materials.

ELECTRICAL DATA

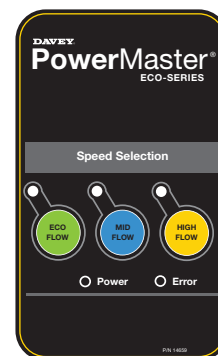
Model	PMECO
RPM	Eco Flow Speed – 1400
	Mid Flow Speed – 2400
	High Flow Speed – 2850
Enclosure Class (IP)	24
Insulation Class	Class B130 Insulation
Voltage (V)	240 AC
Supply Frequency (Hz)	50
Run Current (A)	6.3
Motor Input Power (W / hp)	Eco Flow - 165w / 0.22 hp
	Mid Flow – 677w / 0.91 hp
	Hi Flow – 1109w / 1.49 hp
Motor Output Power (W / hp)	Eco Flow - 132w / 0.18 hp
	Mid Flow – 542w / 0.72 hp
	Hi Flow – 887w / 1.19 hp

Low Energy Operation:

Your PowerMaster® ECO Series pump has 3 speed settings:

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.

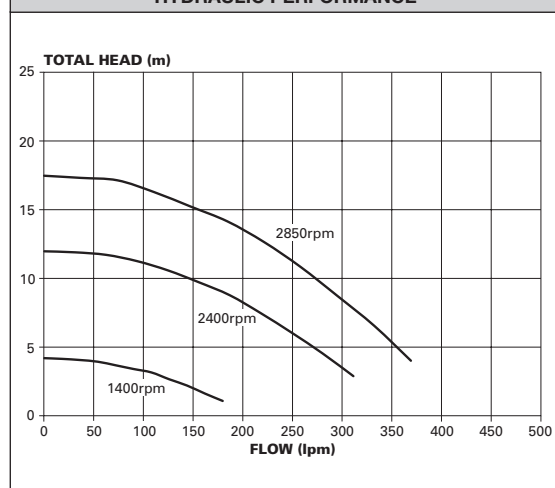


Operation	Recommended Speed Setting
Pool filtration	Eco Flow
Automatic pool cleaner operation	Mid Flow
Backwashing your media filter	High Flow
Manually cleaning your pool	
Water feature operation	
Spa jet operation	
Solar pool heating	

OPERATING LIMITS

Maximum water temperature	50°C
Maximum ambient temperature	55°C

HYDRAULIC PERFORMANCE



DIMENSIONS (mm)

A	B	C	D	E	Mounting Holes Dia.	Inlet PVC	Outlet PVC	Net Weight (kg)
577	330	250	305	246	10	*40/50	*40/50	8.7

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

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WATER PRODUCTS

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