



APPLICATIONS

Ideal for most swimming pool applications such as:

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



DAVEY
PowerMaster®
ECO-2 SPEED

6 Star Energy Efficient Swimming Pool Pump

- 6 star efficiency
- One speed for energy saving
- One speed for the power you need for all applications

WHY CHOOSE THE PowerMaster® ECO 2 Speed pool pump?

The PMECO 2 Speed allows you to choose from ECO Flow for pool filtration and flow for automatic pool cleaning, backwash or high bather load. Small physical footprint to fit those tight and confined spaces.

Low Power Usage Low Cost - Comes with 6 Star energy efficiency rating, with super low emissions and even lower power usage.

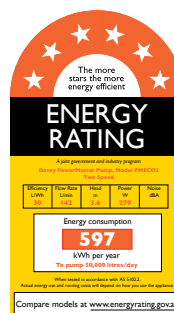
Intelligent - Two speed control for efficient use all year round.

Energy and Costs Savings - Great energy savings at less cost.

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

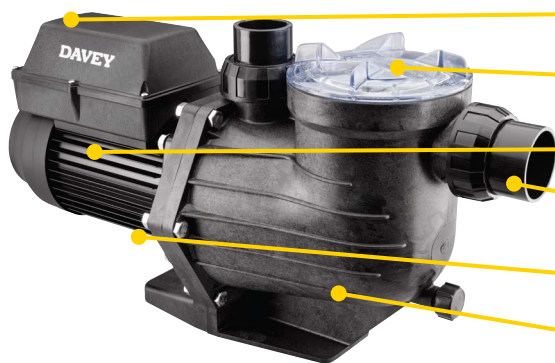
Davey Dependability Built In - Using proven AC motor technology, the PowerMaster® ECO 2 Speed offers dependability you have come to expect from all Davey products.

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



Independently certified.





- 2 speed variable control for maximum efficiency.
- Easy to remove, see through lid – extra large leaf basket.
- Robust and reliable AC motor for longevity.
- 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 – 1450 High Flow Speed – 2850
Enclosure Class (IP)	25
Insulation Class	Class F155 Insulation
Voltage (V)	240 AC
Supply Frequency (Hz)	50
Run Current (A)	7.1
Motor Input Power (W / hp)	Eco Flow - 279W / 0.37 hp Hi Flow - 1510W / 2.02 hp
Motor Output Power (W / hp)	Eco Flow - 223W / 0.30 hp Hi Flow - 1208W / 1.62 hp

OPERATING LIMITS

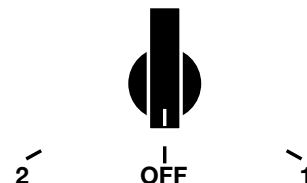
Maximum water temperature	50°C
Maximum ambient temperature	55°C

Low Energy Operation:

Your PowerMaster® ECO Series pump has 2 speed settings:

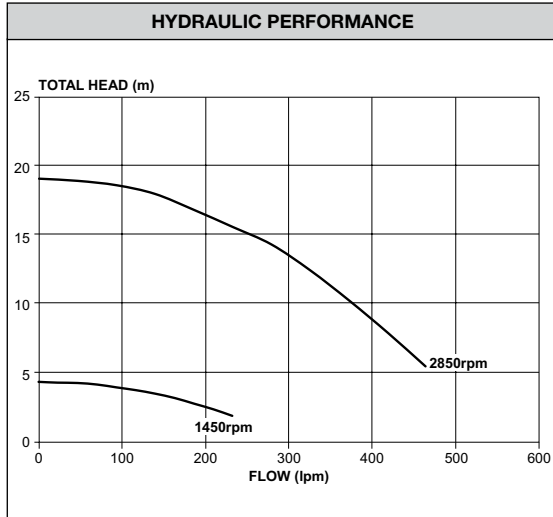
1. Eco Flow – Lowest Speed
2. High Flow – Highest Speed

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	High Flow
Backwashing your media filter	
Manually cleaning your pool	
Water feature operation	
Spa jet operation	
Solar pool heating	

HYDRAULIC PERFORMANCE



DIMENSIONS (mm)

A	B	C	D	E	Mounting Holes Dia.	Inlet PVC	Outlet PVC	Net Weight (kg)
645	330	250	305	246	10	*40/50	*40/50	16.8

* Suction & delivery accept both 40mm and 50mm PVC pipe.