

DAVEY

PowerMaster®

## ROBUST AND BULLET PROOF

### APPLICATION

Ideal for in-ground and above ground pools, lap pools, concrete and tile pools, fibreglass pools, swim jet installation and in-floor cleaning systems.  
Models to suit pools up to 170,000 litres.



### DESIGNED TO FILTER AND CIRCULATE POOL WATER

- > **Double insulated to water circuit** – provided with an Equipotential Bonding Point for AS/NZ 3000 wiring standards
- > **Reliable - Constructed of strong corrosion resistant and U.V. materials for long and reliable working life:**
  - Built-in check valve protects pump internals from reverse flows
  - Extra heavy duty, totally enclosed motor protects against the elements for long operating life
  - Built-in thermal overload protects the motor against damage from over-heating
- > **Long Lasting** – High performance silicon carbide mechanical seal for long life in salt and fresh water
- > **Performance** – Powerful pumping delivers optimum flow rates for rapid pool water turnover, with quiet and efficient performance
- > **Convenient** – Easy to remove, see through strainer lid for easy removal and cleaning
- > Extra large strainer basket allows long intervals between cleaning and rapid priming
- > Drain plug enables simple water drainage for easy maintenance
- > Three phase model available for commercial pools and aquaculture applications
- > 3m power lead with 10amp Australian three pin plug fitted to all single phase models

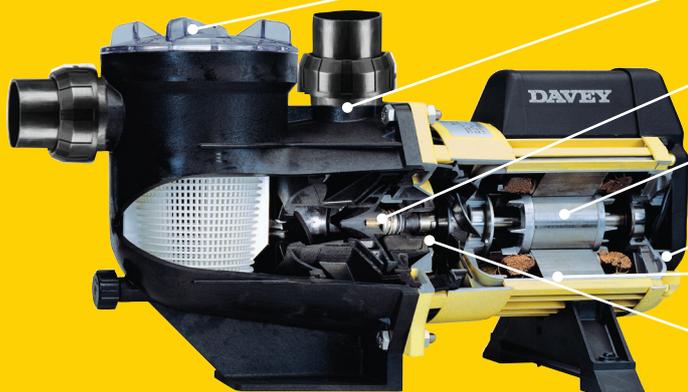


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## Swimming Pool Pump

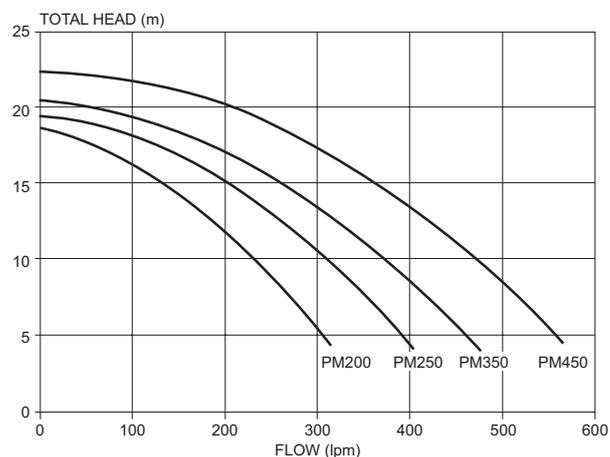


- Easy to remove, see through strainer lid.
- Latest hydraulic design ensures the pump is highly energy efficient and whisper quiet
- Silicon carbide seals for long life in salt and fresh water pools
- Stainless steel motor shaft won't corrode or rust
- Double insulated to water circuit with Equipotential Bonding Point
- Extra heavy duty high performance motor with massive power reserves for extended operating life
- Huge front fan for cool running and long bearing life

### ELECTRICAL DATA

Model	PM 200	PM 250	PM 350	PM 450	PM 4503
Voltage (V)	220-240				380-415
Phase	1				3
Supply frequency (Hz)	50				
Start current (A)	27	27	27	40	24
Run current (A)	5.8	6.5	7.7	10.0	3.6
Motor input power (W)	1200	1360	1675	2300	2040
Motor output power (W)	900	1000	1200	1775	1750
RPM	2850				
Enclosure class (IP)	56				
Insulation class	F				
Approval No.	A/10EA				

### HYDRAULIC PERFORMANCE

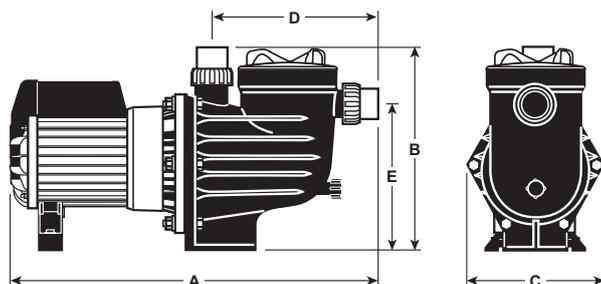


### OPERATING LIMITS

Max. water temperature	Max. ambient temperature	dBa @ 1 metre
50°C	55°C	64 - (PM 200/250/350) 65 - (PM 450/4503)

### DIMENSIONS (mm)

Type	A	B	C	D	E	Mounting Holes Diameter	Inlet PVC	Outlet PVC	Net Weight (kg)
PM 200	615	330	250	305	246	10	*40/50	*40/50	15.9
PM 250	615	330	250	305	246	10	*40/50	*40/50	15.9
PM 350	615	330	250	305	246	10	*40/50	50	16.0
PM 450/3	665	330	250	305	246	10	50	50	18.0



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

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