



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

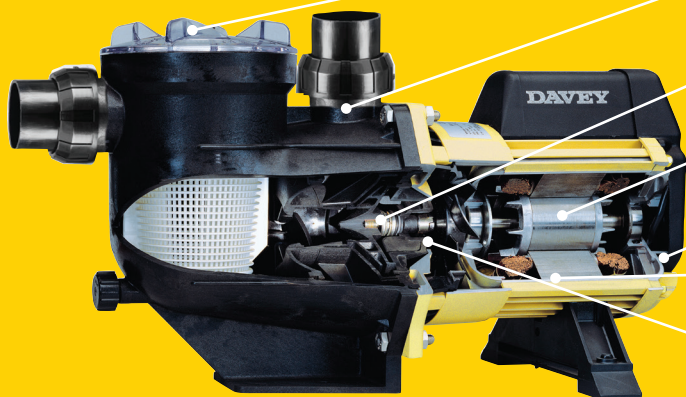


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Swimming Pool Pump

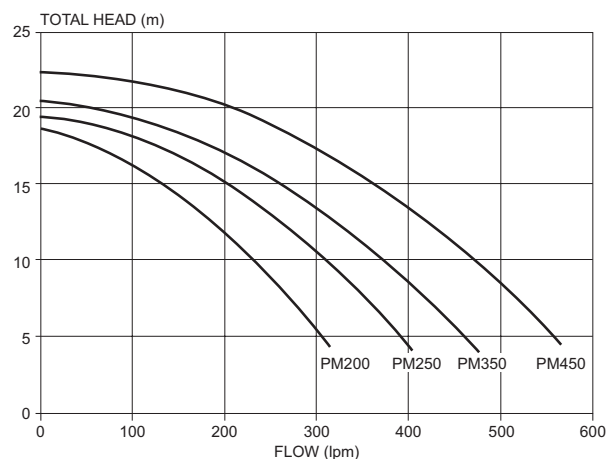


- Easy to remove**, see through strainer lid.
- Latest hydraulic design** ensures the pump is highly energy efficient and whisper quiet
- Silicon carbide seals** for long life in salt and fresh water pools
- Stainless steel motor shaft** won't corrode or rust
- Double insulated to water circuit** with 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

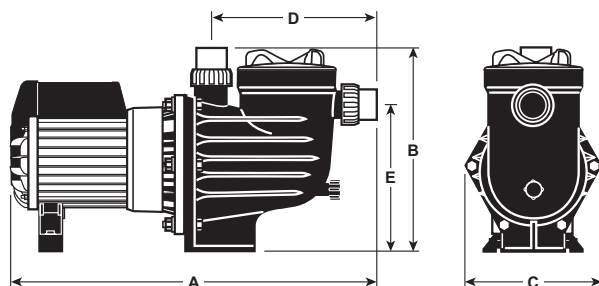


OPERATING LIMITS

| 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.

davey.com.au | daveynz.co.nz | daveyeurope.eu | daveyusa.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 2017.

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