



The Power Master range is specifically designed to circulate swimming pool water for filtration and solar heating applications. They are ideal for in-floor & automatic cleaners. Also suitable for heating systems and aquaculture applications.

FEATURES & BENEFITS

Constructed of strong corrosion and U.V. resistant materials for long and reliable working life

Powerful high performance pumping delivers optimum flow rates for rapid pool water turnover

Computer-designed impeller and diffuser allow a free flow of water offering whisper quiet, efficient performance

Built-in check valve reduces reverse flow of water through pump protecting pump internals

Easy to remove, see through stainer lid for easy removal of leaves

Drain plug enables pump casing to be drained for easy maintenance

Three phase model available for commercial pools and aquaculture applications

Extra large strainer basket allows long intervals between cleaning & rapid priming

Extra heavy duty totally enclosed fan cooled motor protects against water, dust and dirt for long operating life

Exceeds electrical standards for safe installation in the pool zone

Built-in thermal overload protects the motor against damage from over-heating

A.B.S. quick connect couplings makes installation simple

Every unit is pressure and performance tested in factory ensuring quality and reliability

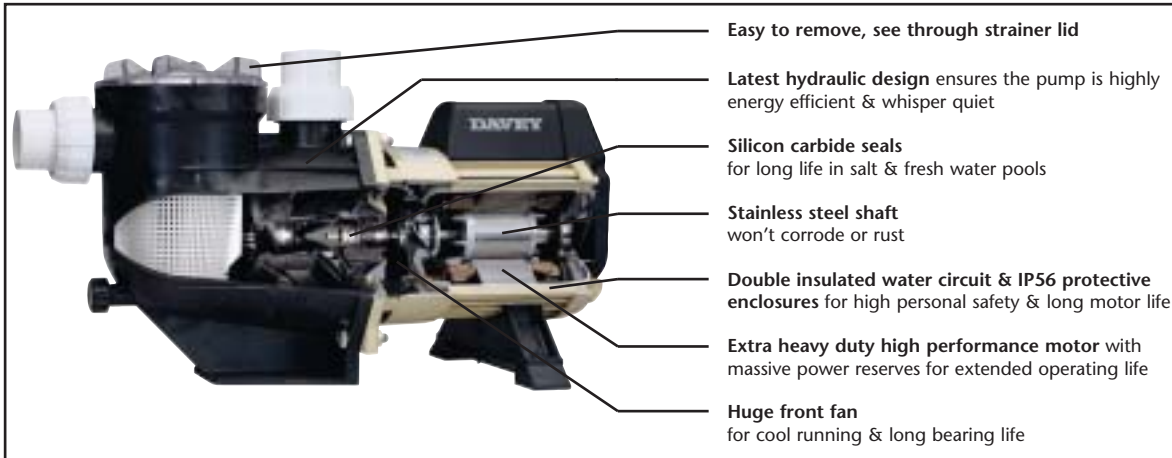
High performance Silicon Carbide mechanical seal, fitted as standard for long life in salt & fresh water

2m power lead with 10amp Australian three pin plug fitted to all single phase models

Power Master® POOL PUMPS

DEPEND ON
DAVEY

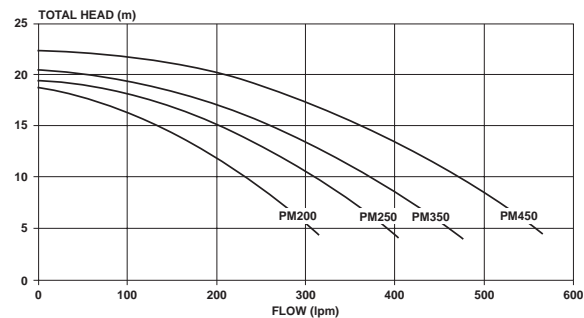
POOL & SPA EQUIPMENT



ELECTRICAL DATA

	PM200	PM250	PM350	PM450	PM4503
Voltage (V)	220-250	220-250	220-250	220-250	380-415
Phase	1	1	1	1	3
Supply frequency	50Hz	50Hz	50Hz	50Hz	50Hz
Run current (A)	5.8	6.5	7.7	10.0	3.6
Start current (A)	27.0	27.0	27.0	40.0	24.0
Motor input power (W)	1200	1360	1675	2300	2040
Motor output power (W)	900	1000	1200	1775	1750
RPM	2850	2850	2850	2850	2850
Enclosure class (IP)	56	56	56	56	56
Insulation class	F	F	F	F	F
Approval No.	Q97235	Q97235	Q97235	Q97235	Q97235

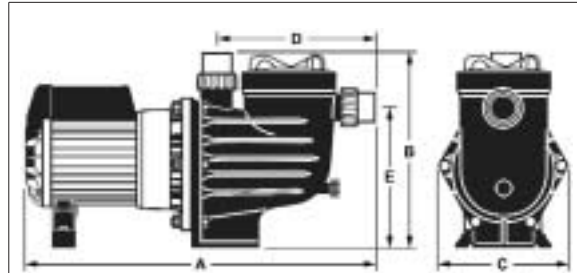
HYDRAULIC PERFORMANCE



OPERATING LIMITS

	PM200	PM250	PM350	PM450	PM4503
Water temperature	Max 50°C	Max 50°C	Max 50°C	Max 50°C	Max 50°C
Ambient Temperature	Max 55°C	Max 55°C	Max 55°C	Max 55°C	Max 55°C
dBa @ 1 metre	64	64	64	65	65

DIMENSIONS



MODEL	A	B	C	D	E	Mounting Holes Dia. (mm)	Inlet P.V.C. (mm)	Outlet P.V.C. (kg)	Net Weight
PM200	615	330	250	305	246	10	40/50	40/50	15.9
PM250	615	330	250	305	246	10	40/50	40/50	15.9
PM350	615	330	250	305	246	10	40 & 50	40 & 50	16.0
PM450/3	635	330	250	305	246	10	50	50	18.6

All dimensions in mm unless otherwise stated.

This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.

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