







# **Swimming Pool Pump**

Davey's premium Power Master® range is specifically designed to circulate swimming pool water for filtration and in-floor cleaning applications.

**Reliable** - Constructed of strong corrosion and U.V. resistant 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 & 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 stainer lid for easy removal of leaves.

Drain plug enables simple pump drainage for easy maintenance.

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

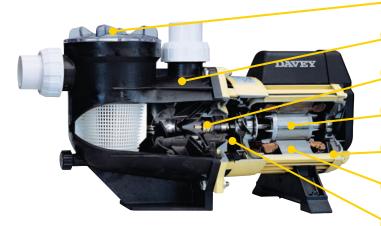
Three phase model available for commercial pools and aquaculture applications.

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





# **Swimming Pool Pump**



Easy to remove, see through strainer lid

Latest hydraulic design ensures the pump is highly energy efficient & whisper quiet

Silicon carbide seals for long life in salt & fresh water pools

Stainless steel shaft won't corrode or rust

Double insulated water circuit & IP56 protective enclosures for high personal safety & long motor life

Extra heavy duty high performance motor with massive power reserves for extended operating life

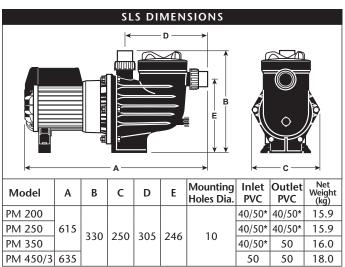
**Huge front fan** for cool running & long bearing life

ELECTRICAL DATA						
	PM 200	PM 300	PM 350	PM 450	PM 4503	
Voltage (V)	220-250			380-415		
Phase	1		3			
Supply Frequency (Hz)			50Hz			
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)/hp	1200	1360	1675	2300	2040	
Motor Output Power (W)/hp	900	1000	1200	1775	1750	
RPM	2850					
Enclosure Class (IP)	56					
Insulation Class	F					
Approval No.	V06258					

OPERATING LIMITS				
Water Temperature	Max 50°C			
Ambient Temperature	Max 55°C			
dBa @ 1 metre	64 - (PM 200/250/300) 65 - (PM 450/3)			

MODEL NUMBER IDENTIFICATION				
PM	250			
PM = Power Master®	250 = 250lpm @ 12m per head			

	HYDRAULIC PERFORMANCE
25 TOTAL	HEAD (m)
20	
15	
10	
5	PM200 PM250 PM350 PM450
0 0	100 200 300 400 500 600 FLOW (lpm)



Suction & delivery accept 40mm PVC pipe on the I.D. and 50mm fitting on the O.D. All dimensions in mm unless otherwise stated.



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