



**KOOLAIR PUMPS**

**TITAN**  
**MARINE AIR**

*“RUN DRY PROTECTION TO KEEP YOU COOL”*

*MARINE COOLANT PUMPS*

**DESCRIPTION:**

The PM500 is magnetically driven pump, with no shaft seal. The pump is epoxy encapsulated, which allows the PM pump to run fully submerged in many liquids or in open air for complete moisture protection. When re-assembling the pump for service, make sure all “O” Rings are properly seated. See the repair parts list for a breakdown of replacement parts.

**OPERATION:**

The pump is not self-priming and requires a suction. The pump has run dry and thermal overload protection. In a run dry situation the pump will shut down. Simply let it cool down or hose it down to assist in the cooling.

For application assistance contact Koolair Pump at: [info@koolairpump.com](mailto:info@koolairpump.com)

**ELECTRICAL:**

PM500 is 115 & 230 Volt. 1 Phase. All cords are 6 feet in length and are U.L. LISTED 18/3 wire. The motors are rated as continuous duty.

**LIMITED WARRANTY:**

Koolair Pumps are guaranteed only against defects in workmanship or materials for a period of one year from date of manufacture while pumping water.

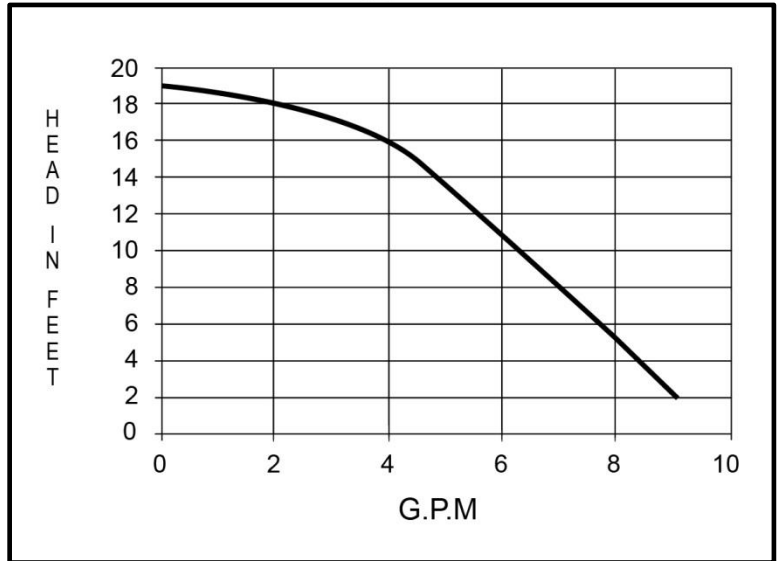
**NOTES:**

All Specifications and flow curves are based on pumping water.



**PM500-1**

**PM500-2**



**MECHANICAL SPECIFICATIONS**

MODULE TYPE		60Hz	50Hz
Max Flow	GPM	8.5	N/A
	LPM	N/A	31
Max Head	FT (PSI)	19 (8.2)	N/A
	M	N/A	4.3
Max Internal Pressure	PSI	25	25
	BAR	1.7	1.7
Max Liquid Temperature	°F	130	130
	°C	54	54
Packed Weight	LB	8.5	8.5
	KG	3.85	3.85
Inlet		¾" FPT	¾" FPT
Outlet		½" MPT	½" MPT

**ELECTRICAL SPECIFICATIONS**

MODULE TYPE	60Hz		50Hz	
Voltage	115	230	115	230
Phase	1	1	1	1
Watts	120	120	137	100
Amps	2.0	1.0	2.3	1.0
HP/kW	1/20	1/20	0.037	0.037
RPM	3450	3450	2850	2850

PUMP DIMENSIONS	INCHES	CENTIMETERS
Height	4.87	12.3
Width	4.80	12.2
Length	7.50	19.0