

KOOLAIR PUMPS MANUFACTURER'S EDGE 5044 INDUSTRIAL RD, SUITE C FARMINGDALE, NJ 07727 P: 800-810-1053 E: INFO@KOOLAIR.COM

"RUN DRY PROTECTION TO KEEP YOU COOL"

MARINE COOLANT PUMPS

DESCRIPTION:

The TPM1000 is a magnetically driven pump with a Totally Enclosed Fan Cooled (TEFC) Motor that contains no shaft seal. The hardened carbon bushing allows for extended run dry time without any damage to the pump head. See the parts diagram for assembly instructions. Impeller may be trimmed to modify flows or compensate for liquids of higher viscosity. For application assistance, please contact Koolair Pumps at 800-810-1053.

OPERATION:

The pump is not self-priming and requires flooded suction. The pump has run dry and thermal overload protection.

For application assistance contact Koolair Pump at: info@koolairpump.com

ELECTRICAL:

TPM1000 is 115/230 Volt. (Dual Voltage Motor) 1 Phase. All cords are 56" in length and are U.L. LISTED 18/3 wire. The motors are rated as continuous duty.

ISO 8846 MARINE IGNITION PROTECTED

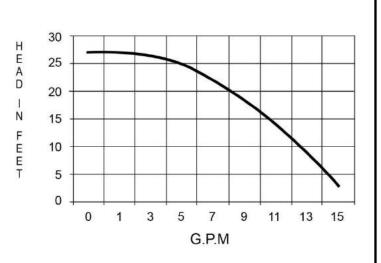
LIMITED WARRANTY:

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.





MECHANICAL SPECIFICATIONS

MODULE TYPE		60Hz	50Hz	
Max Flow	GPM LPM	17.2 N/A	N/A 54.8	
Max Head	FT (PSI)	27 (11.7)	N/A	
Max Head	М	N/A	6	
Max Internal Pressure	PSI BAR	50 3.4	50 3.4	
	°F	•••		
Max Liquid Temperature	۲ °C	180 82	180 82	
Decked Weight	LB	12	12	
Packed Weight	KG	5.4	5.4	
Inlet		1" FPT	1" FPT	
Outlet		1∕₂" MPT	1⁄2" MPT	

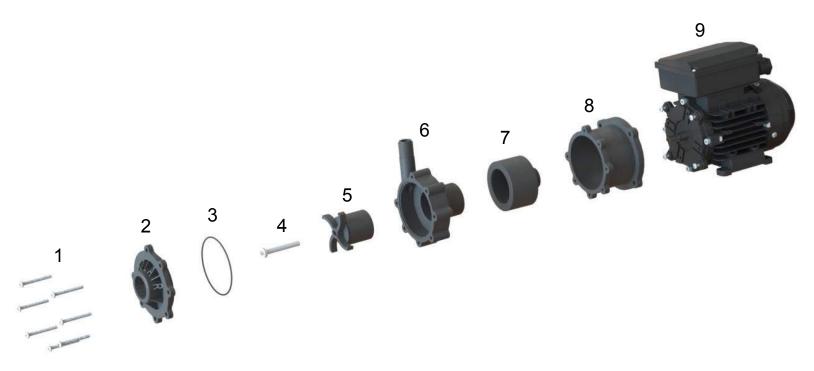
ELECTRICAL SPECIFICATIONS

MODULE TYPE	60Hz		50Hz	
Voltage	115	230	115	230
Phase	1	1	1	1
Watts	216	207		147
Amps	1.6	0.9		1.2
HP/kW	1/8	1/8		0.093
RPM	3450	3450		2850

PUMP DIMENSIONS	INCHES	CENTIMETERS
Height	6.625	16.83
Width	4.5	11.43
Length	11.75	29.85

TPM1000

PARTS LIST



	PART			LENGTH		WIDTH	
ITEM	NUMBER	DESCRIPTION	MATERIAL	СМ	MM	СМ	MM
1	KAT1000-21	Screw	Stainless Steel	0.4	4	4.5	45
2	KAT1000-22	Front Cover	Reinforced PP	10.2	102	8	80
3	KAT1000-23	O-Ring	Rubber	7.7	77	0.18	1.8
4	KAT1000-24	Washer & Shaft	Ceramic	6.37	63.7	0.633	6.33
5	KAT1000-25	Impeller	Interior-Carbon Bush Exterior-Reinforced PP	7.5	75	4.8	48
6	KAT1000-26	Rear Housing	Reinforced PP	10.23	102.3	6.15	61.5
7	KAT1000-27	Driver Magnet	Magnet, Reinforced PP				
8	KAT1000-28	Bracket	Reinforced PP				
9	KAT1000-29	Motor					

PUMP DRAWING

