

MARINE AIR, MERMAID AND KING AIR REPLACEMENTS

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MERMAID REPLACEMENT PUMP BY PROVEN

You will encounter Teel, Proven, March and Cal pumps on Mermaid air conditioning units. The most common pump is the Proven/Teel model shown in the adjacent picture box. It is an oil filled centrifugal that is uniquely shaped with a bright red motor and white plastic pump housing and 6' cord.

Model Number	Volts	Watts	Amps	GPH at Feet of Head			Max. Head	Ports	
				1'	3'	6'		Inlet	Outlet
PR B500	115 vac	75	1.50	500	360	300	11'	3/4" GHT	3/8" MPT

PROVEN



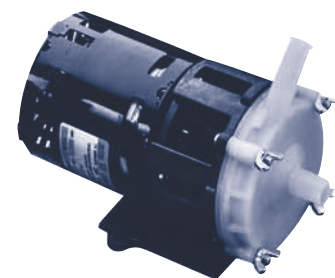
B500

KING AIR REPLACEMENT PUMP BY MARCH

The March model MDX-3 5/8", displayed in the adjacent picture box, is found on over 90% of the "King Air" air conditioner units. This pump is sealless, utilizes a magnetic drive impeller and has an open motor. An upgraded "seal motor" option would be the March model LC-3CP-MD. See page 144 for service parts.

Model Number	Volts	Watts	Amps	GPH at Feet of Head			Max. Head	Ports	
				1'	3'	6'		Inlet	Outlet
MA MDX-3 5/8	115 vac	108	1.35	510	480	420	19'	5/8" OD	5/8" OD

MARCH



MDX-3 5/8

MARINE AIR AND CRUISAIR REPLACEMENT PUMPS BY CAL

Cal Marine manufactures a series of pumps used on Marine Air and Cruisair units. Cal pumps have a stainless encapsulated oil filled motor, black plastic pump housing and an optional strap-on plastic mounting base.

Model Number	Marine Air Part #	*Cruisair Part #	Voltages Available	HP	GPH at Feet of Head			Max. Head	Ports	
					1'	3'	9'		Inlet	Outlet
CA MS-1200(B)	-	-	115 or 230 vac	1/9	1200	980	660	20'	3/4" MPT	1/2" MPT
CA MS-900(B)	-	PDS900	115 or 230 vac	1/12	900	720	425	17'	3/4" MPT	1/2" MPT
CA MS-580(B) PC500	PDA500	PDS500	115 or 230 vac	1/15	580	425	320	15'	3/4" MPT	1/2" MPT
CA MS-320(B) PC400	PDA250	PDS250	115 vac	1/40	320	260	140	12'	1/2" MPT	1/4" MPT

* Suffix "C" after Cruisair numbers denotes 230 vac.

CAL



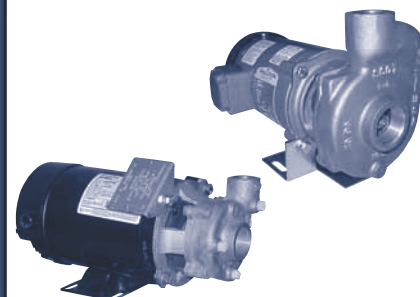
MS Series

MARINE AIR REPLACEMENT PUMPS BY SCOT

Scot bronze centrifugal pumps are standard equipment on many of the larger "Marine Air" brand systems. They utilize a carbon ceramic mechanical seal and 50/60 Hz, 115/230 vac motor. See page 148 for service parts.

Model Number	Marine Air Part Number	Volts	Hz.	HP	GPH at Feet of Head			Max. Head	Ports	
					10'	20'	30'		Inlet	Outlet
SC 67	P700	115/230 vac	50/60	1/3	2400	2160	1800	51'	1 1/4" FPT	1" FPT
SC 67 - 3.00	P120	115/230 vac	50/60	1/3	1620	1200	570	36'	1 1/4" FPT	1" FPT
SC 67 - 2.5	P100	115/230 vac	50/60	1/3	1140	450	-	25'	1 1/4" FPT	1" FPT
SC 78 - 3/4.41	P710	115/230 vac	50/60	1/2	3000	2820	2160	61'	1 1/2" FPT	1 1/2" FPT
SC 78 - 10/4.75	P711	115/230 vac	50/60	1	4700	4620	4020	84'	1 1/2" FPT	1 1/2" FPT

SCOT



67 and 78 Series