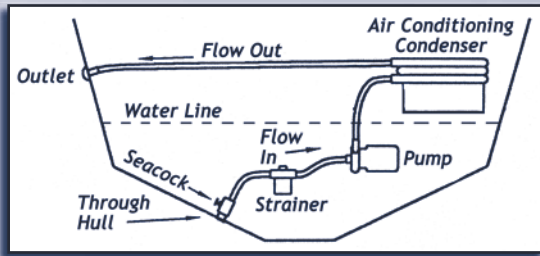


# AIR CONDITIONING AND REFRIGERATION

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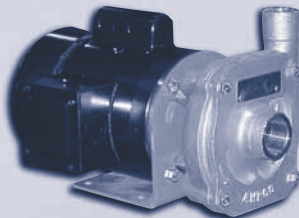
## TYPICAL A/C INSTALLATION



The typical raw water cooling system for a marine air conditioner consists of a pump, strainer, inlet and outlet through-hull fitting, seacock, hose/piping and a water manifold if multiple air conditioning units are being served by one pump. It is very important that all plumbing be installed so the entire system will drain out if the boat is lifted from the water. This will help prevent air locks that will disrupt coolant water flow on non-self priming pumps. Self priming pumps are recommended for installations on shallow-draft boats where it is impossible to mount the pump below the waterline or on vessels where pump air lock has been a habitual problem.

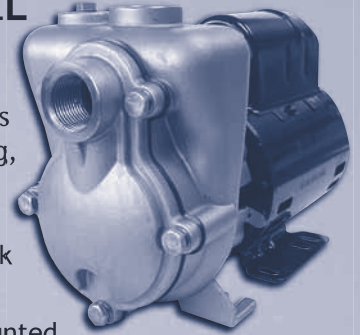
## NICKEL ALUMINUM BRONZE

These nickel aluminum bronze pumps by AMPCO resist erosion, electrolysis and cavitation damage. They are the "Cadillac" of marine air conditioning pumps and are available in a large array of sizes to fit your specific requirements (see page 7).



## NEW "PRIMETIME" MINI-SELF PRIMER THAT WILL NOT AIR-LOCK!

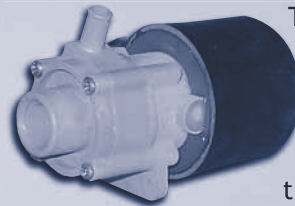
This quiet, compact pump is ideal for any air conditioning, refrigeration, livewell or hydraulic cooling installations that are prone to air-lock or requires a suction lift.



Even when a pump is mounted below the waterline they can often airlock due to hull motion when a vessel is underway. A self-priming pump will purge air from your system and eliminate "Air-Lock" from becoming an irritating issue.

This rugged cast 316 stainless steel pump comes equipped with a carbon/ceramic mechanical seal and is available in 12vdc, 24vdc, 32vdc, 115vac and 230vac. See page 8.

## BRUSHLESS DC REFRIGERATION



The brushes commonly used in small DC pumps severely limit their life. The March 893-09 (12vdc) and 893-10 (24vdc) utilize a brushless motor that delivers up to 50,000 hours of trouble free operation.

Higher flow DC refrigeration pumps are available with replaceable brushes (March 809 series). See page 10 for details on the 893 and 809 series refrigeration pumps.

## MANUFACTURER / PUMP BRAND AND MODEL CROSS-REFERENCE

(Call for assistance in identifying any models not shown)

Manufacturer	Part#	Brand	Pump Model	Page	Manufacturer	Part#	Brand	Pump Model	Page
Adler-Barbour	D8150	March	LC-2CP-MD	6	Grunert	P900	March	809BRC-HS-12	10
Adler-Barbour	D8152	March	LC-3CP-MD	6	Lunair	WPC250	March	LC-2CP-MD	6
Adler-Barbour	E1390	March	893-04	10	Lunair	WPC500	March	LC-3CP-MD	6
Aqua-Air	AQPM-02	March	LC-2CP-MD	6	Lunair	WPC1000	March	AC-5C-MD	6
Aqua-Air	AQPM-05	March	LC-3CP-MD	6	Marine Air	P400/PML250	March	LC-2CP-MD	6
Aqua-Air	AQPM-10	March	AC-5C-MD	6	Marine Air	P500/PML500	March	LC-3CP-MD	6
Aqua-Air	AQPM-15	Oberdorfer	104M-F13	7	Marine Air	P300/PMA1000	March	AC-5C-MD	6
Aqua-Air	AQPM-30	Oberdorfer	109MB-J19	7	Marine Air	P800	March	893-04-1/2	10
Cruisair	PM250	March	LC-2CP-MD	6	Marine Air	P900	March	809BRC-HS-12	10
Cruisair	PM500	March	LC-3CP-MD	6	Marine Air	P510/PMA500	Little Giant	3MD-SC	9
Cruisair	PM1000	March	AC-5C-MD	6	Marine Air	P310	Little Giant	5MD-SC	9
Cruisair	P950B	Oberdorfer	172B-B26	7	Marine Air	PC400/PDA250	Cal.	MS 320B	9
Cruisair	PM1500BX	Oberdorfer	104M-F13	7	Marine Air	PC500/PDA500	Cal.	MS 580B	9
Cruisair	P1500BXT	Oberdorfer	104M-10F36BJ-50/60	7	Marine Air	P100	Scot	67-2.5	9
Cruisair	PM3000BX	Oberdorfer	109MB-J19	7	Marine Air	P120	Scot	67-3.00	9
Cruisair	P3000BXT	Oberdorfer	109MB-10J36BJ-50/60	7	Marine Air	P700	Scot	67	9
Cruisair	PDS250	Cal.	MS 320	9	Marine Air	P710	Scot	78-3/4.41	9
Cruisair	PDS400	Cal.	MS 430B	9	Marine Air	P711	Scot	78-10/4.75	9
Cruisair	PDS500	Cal.	MS 580B	9	Technicold	TE-250	March	LC-2CP-MD	6
Cruisair	PDS900	Cal.	MS 900B	9	Technicold	TE-500	March	LC-3CP-MD	6
Grunert	P800	March	893-04-1/2	10	Technicold	TE-1000	March	AC-5C-MD	6
					Technicold	TE-27	March	893-04	10