

Marine Pumps

Key Features

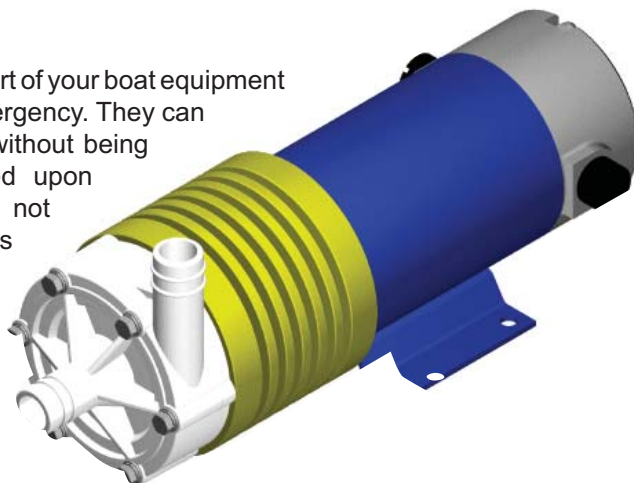
- Magnetically coupled drive – 100% efficiency with no shaft seals, leaks, deterioration or problems due to being left idle for months or due to continuous use.
- DC motors – high efficiency, compact designs running on the electrical system that marine engines use, not the AC power you are forced to use when you are using pumps that are intended for onshore life.
- Admiralty standard construction – stainless steel shaft and bearings, galvanised and powder coated motor body for exceptionally long life.
- Polypropylene pump housing and impeller – runs at 80°C (176 °F) and is impervious to sea water and most harsh chemicals.
- Wide voltage tolerance - your pump will run reliably whether your batteries are fully charged or under-voltage.

Equally, prolonged use can cause shaft seals to wear out resulting in dripping water that can lead to other failures if the pump is poorly sited.

The JEC Marine range of centrifugal pumps have no shaft seals to deteriorate. Drive from the DC motor is by magnetic coupling to the pump impeller through the housing of the pump giving 100% efficiency of energy transfer with no holes or seals to cause trouble. The motor has a stainless steel shaft and bearings for long life and the motor body is galvanised and powder coated. The polypropylene housing and impeller will run at 80°C and are impervious to fresh water, seawater, ammonia, detergents, kerosene and most brands of antifreeze.

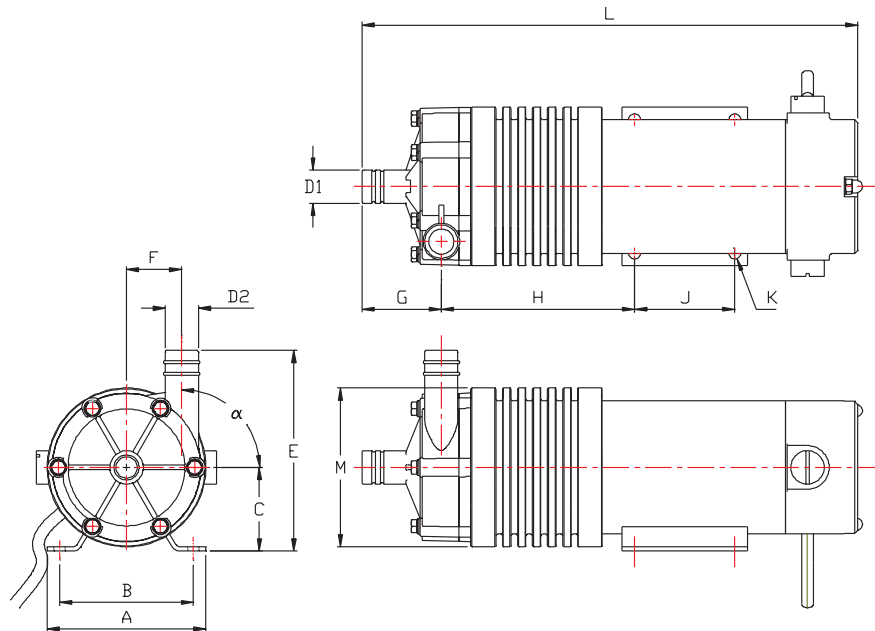
Description

Pumps are an essential part of your boat equipment and can be vital in an emergency. They can sit for weeks or months without being used before being called upon to do their duty. So it's not surprising that shaft seals on many pumps can deteriorate and leak when they are used.



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Overall Dimensions & Hose Connections



Model	Flow Rate	Head	Output	A	B	E	L	D1	D2
	l/min	Meters	Watts	mm	mm	mm	mm	mm	mm
MP-30R	44	6	50	95	80	120	296.6	20	20
MP-30RX	82	4.7	50	95	80	120	296.6	26	26
MP-30RZ	20	12.5	50	95	80	120	296.6	18	18
MP-40R	60	7.4	75	95	80	120	296.6	20	20
MP-40RX	97	5.4	75	95	80	120	296.6	26	26
MP-55R	80	9.3	105	104	96	149	-	26	26
MP-55R-5	90	10	120	104	96	149	-	26	26
MP-70	110	11	210	104	96	149	-	26	26

Pumps are available in 12V and 24V system models. Operation below system voltage will result in reduced capacity. System voltage of 12V will function at operating voltages of 6-15V and system voltage of 24V will function at operating voltages of 10-29V.

Variable flow may easily be achieved if required by varying the supply voltage with a standard electronic speed controller.

All MP models, as with all centrifuge pumps, need to be primed by being below the level of the fluid that they are pumping. Where the pump is to be installed above the boat's waterline, a non-return valve is required – please request the self-priming option.

Excellence in Engineering and Design