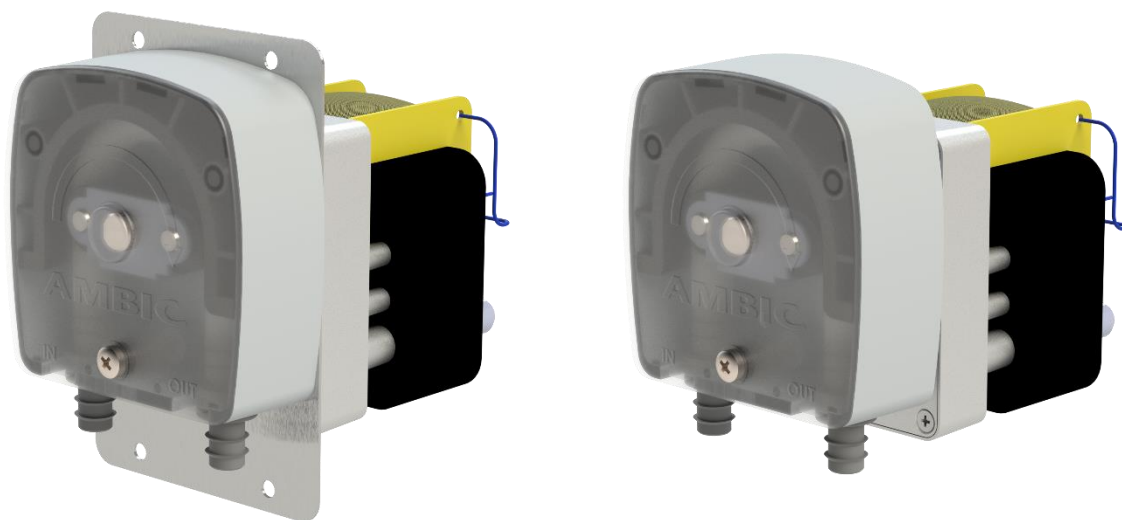


Product Technical Datasheet



Product name	Fixed-speed Low and Medium-volume AC Peristaltic Pump LM/AC-230-**		
Pump Housing	ABS Grey with clear or translucent cover		
Motor/Gearbox	Metal, Copper, Acetyl & Grease		
Other Parts	Polypropylene Spigots, Nylon Rollers, Stainless Steel Bracket & Pins		
Peristaltic Tube	Santoprene or Silicone		
Supply Voltage	230V AC		
Running Current	Depends on speed and voltage of the motor – available on request.		
Capacity	Flow rate tested using water at room temperature – see table below.		
Dimensions	119.8 x 81 x 120mm with mounting plate 119.8 x 81 x 97.6mm without mounting plate		
Net Weight	1.7Kg with mounting plate 1.64Kg without mounting plate		
Fixing	Wall-mounted at a maximum height of 3m from the drum.		

Fixed Output Model Number	RPM	Tube Size					
		3.2 Bore		4.6 Bore		6.3 Bore	
		Code	ml/min	Code	ml/min	Code	ml/min
LM/AC-230-SA LM/AC-230-SI	100	01	100	02	225	03	350

Background

- Low and Medium Capacity models from common tooling.
- Interchangeable journal wall inserts.
- Concave journal wall design to improve performance and reduce wear.
- Range of peristaltic tube sizes – 3.2mm, 4.6mm, 6.3mm.
- Range of spigot sizes incl. Ambic fluted connector.
- Optional drain line feature.
- Cover easy to remove.
- More ergonomic design.
- Branding and customisation.

The Low and Medium-volume Peristaltic Pump (LM/AC-**) has been designed to operate on a standalone principle, although it can be fitted to operate as part of an existing system. It forms part of a range of rugged, reliable and easy to install low-volume peristaltic pumps that have been produced as a reliable and accurate means of dosing a wide range of liquids. Pumped product only makes contact with the tube enabling accuracy and reproducibility; the unit has excellent suction performance enabling priming from dry. LM/AC-** is quiet, corrosion-resistant, easy to clean and inexpensive to maintain: spring loaded rollers extend the life of the tubes, reducing the need for replacements.

Features

- Pump tubes are not exposed and pumped product only makes contact with the tube.
- Positive displacement.
- Self-priming to a height of 3 metres.
- Easy to install and operate, with no backflow or siphoning.

Optional:

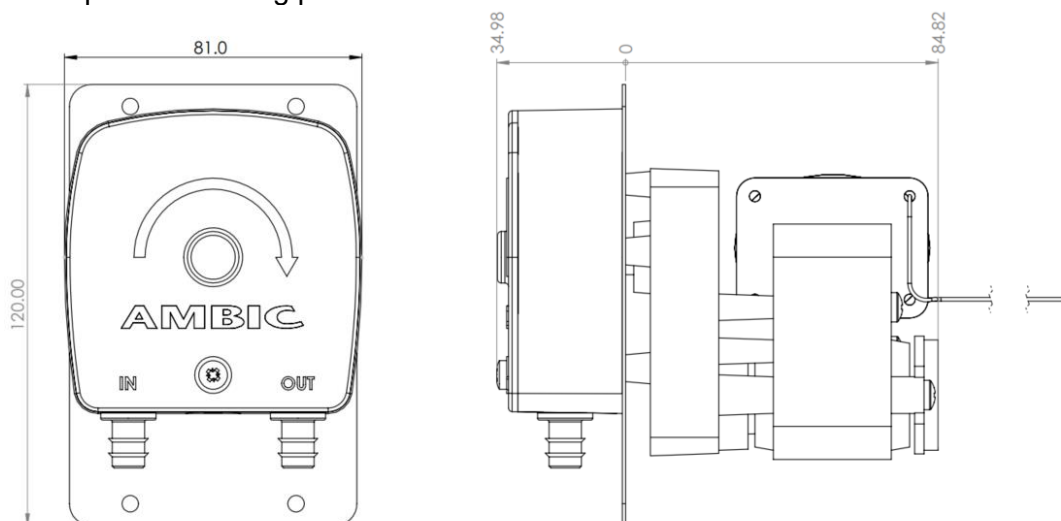
- Tank connectors, reinforced PVC tube or tube stiffeners.
- Also available fitted in a plastic enclosure as 2 or 3 pumps.

Maintenance

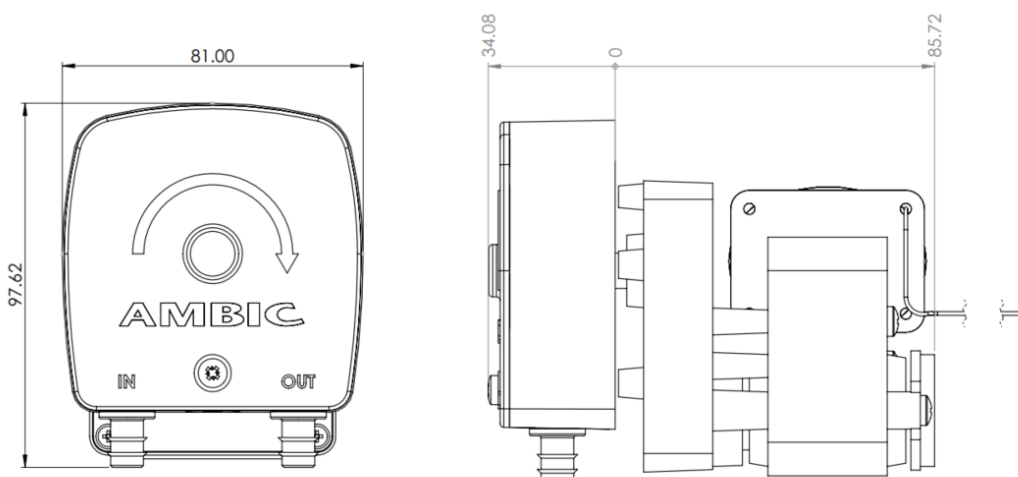
All peristaltic pump tubes should be greased regularly with silicone grease and periodically replaced with a new tube to maintain the pump delivery.

Product Technical Datasheet

AC Pump with mounting plate:



AC Pump without mounting plate:



Disposal:

Where financially viable return to Ambic Equipment Ltd, otherwise dispose of under current local policies.

Manufactured in the UK

HS Commodity Code: 84136080



UK CA | CE

RoHS

Product Technical Datasheet

The information in this leaflet is for general information and guidance only. Ambic Equipment Ltd warrants that the products are free from defects in material and workmanship for a period of 1 year from the date of delivery. The tubing is considered a consumable and not covered under warranty.

The warranty does not extend to free of charge samples or to products which have been subjected to misuse, abuse, neglect, improper storage, lack of maintenance, or modification without authorisation.

PLEASE NOTE – Ambic Equipment Ltd cannot recommend a pump for any particular application. Ambic Equipment Ltd can offer a pump that matches your specification, but it is up to the customer to make the decision on suitability for the final application.

Ambic Equipment Ltd cannot be held responsible for pump failures or consequential losses for the final application.