

Ambic EasiFoamer™

AEF/002



Properties

Enclosure & Pump Housing: ABS

Motor/Gearbox: Metal, Copper & Acetyl

PCB: Electronic Parts

Spigots & Tubing: PVC & Santoprene

Other Parts: Stainless Steel bracket & pins

Flow rate: 400ml/minute

Supply Voltage: 230V AC

Running Current: 500mA

Fuse: 1AT (5 x 20mm)

Shield, Lance and Hook: 402-CB12 Polypropylene

Gun Body & Lever and Connectors: HP500N Polypropylene

Rollers and Retractable Coil: Nylon blend

'O' rings: EPDM

Dimensions: 45 x 36 x 37 cm

Net weight: 7.9 Kg

Fixing: 1.5m from floor level. Maximum lift for pump should not exceed 5m.



Product Technical Data Sheet

Background

Pre- and post-milking dairy hygiene is recommended for the pro-active control of Mastitis-associated pathogens. Whilst post-milking treatments have been effective at reducing the level of contagious mastitis, pre-milking treatment of cows' teats has been found to reduce the risk of contamination and new infections, particularly those caused by environmental pathogens. Foam is particularly effective at loosening and lifting dirt and faecal matter from the teat as it is better at penetrating to the skin surface than liquid. The use of foaming chemicals also reduces chemical consumption when compared to using liquid dips or sprays.

The Ambic EasiFoamer™, an upgraded and enhanced version of the Ambic AutoFoamer™, uses a micro controller PCB with digital display and a keypad alongside low voltage DC peristaltic pumps to pump chemical at a constant low pressure. When correctly combined with low pressure compressed air, the EasiFoamer™ is able to generate foam of an optimum structure and quality for effective pre-milking treatment. Chemical is drawn up directly from the appropriate drum using one or two synchronised peristaltic pumps depending on the chemical used.

The EasiFoamer™ applicators supplied with the unit use special patented foaming mesh inserts to generate optimum foam structure ensuring that the appropriate amount of chemical is applied to the teat each time. They also facilitate the correct bubble structure that is essential for agitation of the teat surface in order to lift dirt and debris.

Features

- Safe low-pressure system requiring minimal compressed air to operate.
- Minimises labour compared to manual filling of foaming dip cups.
- Applicators specially designed for fast foam application. They are also easy to dismantle for rapid cleaning.
- Supplied as a single or twin applicator units; extension kits are available for larger installations.
- Easy to adjust the chemical and airflow to achieve optimum foam quality; includes twin pump calibration facility for two part chemicals.
- Priming facility for easy start-up and easy replenishment of chemicals.
- Keypad operation with display screen for easy set-up and adjustment.
- Data recording facility to monitor run time and chemical consumption.
- Also available as a single pump unit enabling use of pre-mixed chemicals.
- Includes a low level alarm feature to warn when chemical levels are low: appropriate Float Switch Assemblies can be purchased separately. Two lances can be fitted at the same time.
- Provides both audible and visual indications when the peristaltic pump and pressure switches require changing.
- Patented system of foaming meshes to generate foam of an optimum quality (Patent EP2124524).
- Applies just the right amount of chemical to the teat requiring a single towel wipe to remove foaming chemicals.
- Available with UK or European plugs.
- Variable sleep time: can be set so that the unit will automatically turn off if left idle for the set period of time.
- Variable run time: if the unit runs continuously then it will automatically switch off after the set run time.



Product Technical Data Sheet

Spare Parts

The following parts can be ordered separately:

- AEF/003-2 – EasiFoamer™ Power Unit.
- AEF/002-100 – EasiFoamer™ Replacement PCB.
- ALP/100-12 – EasiFoamer™ 12V DC Motor.
- ALP/101-2 – EasiFoamer™ Peristaltic Pump Tube Set (Santoprene).
- ALP/102 – EasiFoamer™ Peristaltic Pump Spinner Assembly.
- ALP/103 – EasiFoamer™ Peristaltic Pump Block Assembly.
- ALP/115 – EasiFoamer™ Silicone Grease.
- AAF/004 – EasiFoamer™ Applicator Assembly.
- AAF/005 – EasiFoamer™ Compressed Air Regulator.
- AAF/006 – EasiFoamer™ Retractable Coil with Manifold.
- AAF/007 – EasiFoamer™ Filter Disk Pack.
- AAF/008 – EasiFoamer™ 'O'-Ring Pack (pack of 3 large and 3 small).
- AAF/011 – EasiFoamer™ Pressure Bottle.
- AAF/013 – EasiFoamer™ Pressure Switch.
- AAF/014 – EasiFoamer™ Extension Kit.
- AAF/015 – EasiFoamer™ Trigger Valve Kit.
- AAF/016 – EasiFoamer™ Manifold Repair Kit.
- AAF/018 – EasiFoamer™ Dropper Support Bracket.
- AAF/019, 020, 021 & 024 – EasiFoamer™ T-pieces, Connectors and End Plugs.
- AAF/027 & 031 – EasiFoamer™ Non Return Valves.
- AAF/028 & 029-N – EasiFoamer™ Air and Chemical Distribution Lines.
- AAF/030-10 – EasiFoamer™ Twin Tube Support Guides (pack of 10).
-

Optional Extras

- AAF/200 – Float Switch Assembly (range of sizes available).

Country of Origin: GB

HS commodity code: 84349000

Ambic Equipment Ltd does not provide a warranty on the usage of pumps. Therefore, it is recommended that customers carry out life tests for their application prior to use. The information provided is given in good faith and believed to be current and correct at the time of publication. Ambic Equipment Ltd cannot accept responsibility for errors or omissions contained in this document.