

Ambic EasiFoamer™

AEF/001



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

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: 7.5 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 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; available as a twin pump unit enabling use of chemicals that require mixing before use.
- Priming facility for easy start-up and easy replenishment of chemicals.
- Keypad operation with display screen in English, French, German or Spanish for easy set-up and adjustment.
- Data recording facility to monitor run time and chemical consumption.
- Also available as a twin pump unit enabling use of chemicals that require mixing before use.
- Includes a low level alarm feature to warn when chemical levels are low: appropriate Float Switch Assemblies can be purchased separately.
- 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).
- Available with a range of plugs to suit local markets.
- 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 as a safety feature.
- Variable speed settings to suit the chemical being used.



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Spare Parts

The following parts can be ordered separately as product codes:

- AEF/003 – EasiFoamer™ Power Unit.
- AEF/001-100 – EasiFoamer™ Replacement PCB.
- ALP/100-12 – EasiFoamer™ 12V DC Motor.
- ALP/101 – 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/028 & 029-N – EasiFoamer™ Air and Chemical Distribution Lines.
- AAF/027 & 031 – EasiFoamer™ Non Return Valves.
- AAF/030-10 – EasiFoamer™ Twin Tube Support Guides (pack of 10).

Optional Extras

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

Country of Origin: GB

HS commodity code: 84349000

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