

## PeraSpray™ Diaphragm Pump

**APA/004**



### Properties

Pump Head: HP501H Polypropylene

Non-Return Valves: HP501H Polypropylene and glass balls

Pump Body: N110 Polyphenol Ether (PPE)

Diaphragm Mushroom and Spigot Set: Nylon 66

Pump Head Diaphragms: EPDM and bonded mild steel stud

Central Diaphragm: EPDM and welded Zinc-passivated mild steel

Blanking Plugs: HP500N Polypropylene

O' rings: EPDM

Nuts: Nylon

Dimensions: 22 x 15 x 18 cm

Net weight: 1.2 Kg



# Product Technical Data Sheet

## Background

Milking clusters are a well-known source of cow to cow transmission of mastitis pathogens. For each infected cow milked, the risk of contamination is present for the next 6 to 8 cows, with the first two being at highest risk. An effective method of reducing the risk of mastitis transmission is by killing any pathogens present on the cluster before it is attached to the next cow.

Cluster spraying sanitises each cluster between each cow being milked, reducing cow to cow transmission of mastitis pathogens. This is a faster and more effective method than cluster dipping and enables fresh, clean solution to be delivered to the cluster every time.

Peroxyacetic Acid (Peracetic Acid or PAA) is a particularly effective agent as well as being environmentally friendly and the only cleanser of choice for Organic milk producers. PAA breaks down into harmless components – carbon dioxide, water and oxygen, so there are no problems relating to milk contamination and there is no need to rinse the clusters.

Recommended for use with Peroxyacetic Acid (Peracetic Acid or PAA) at a final concentration of less than 3000ppm.

## Features

- Fully vacuum operated so no electricity required.
- Easy to install and low maintenance.
- Suitable for use with Peroxyacetic Acid, as denoted by the orange pump heads.
- Contains the following parts which can be ordered separately as product codes:
  - ATS/445-PA – PeraSpray™ Diaphragm Pump Inlet Valve (fine thread).
  - ATS/446-PA – PeraSpray™ Diaphragm Pump Outlet Valve (coarse thread).
  - ATS/456 – Pump Head Diaphragm.

Manufactured in the UK

EU Tariff Code: 84349000

REACH compliance is not applicable.