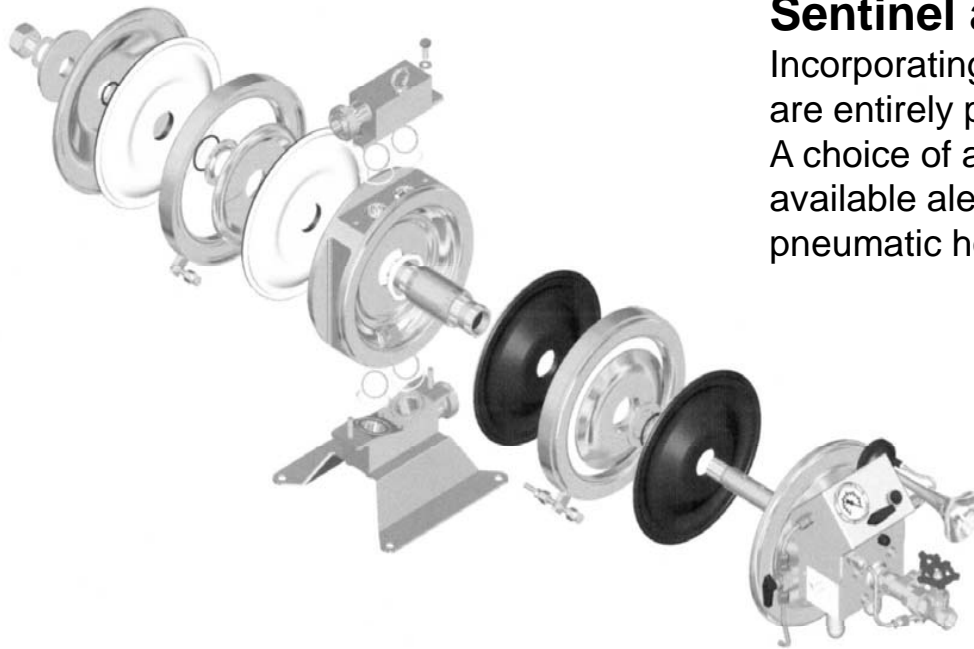


# Flotronic Pump Upgrades

## Diaphragm rupture protection system

The “Guardian” rupture protection system can be fitted to all Flotronic Pumps. With this system a secondary chamber is created by an additional diaphragm behind each of the primary pump diaphragms to capture liquid upon primary diaphragm rupture. This chamber can be in low-cost Polypropylene or a material to match the pump wetted body.



## Sentinel alarm system

Incorporating the Guardian system, our alarm systems are entirely pneumatic (no electrics whatsoever). A choice of alarm or pump shutdown system is available alerting diaphragm failure. Standard alarm is a pneumatic horn and visual indicator.



Fast Maintenance Double Diaphragm Pumps



# Flotronic Pump Upgrades



## **Pneumatic Counter System**

All pumps can be easily modified to count-and-stop. This pneumatic counter attaches to the pump air system in a stainless steel enclosure.

## **Integral hot water/steam jackets**

All stainless steel pumps can be jacketed to keep the wetted parts at a constant temperature.

## **Trolleys**

All pumps can be mounted on two or four wheel trolleys. These can be built to customer specification if required.

## **Others**

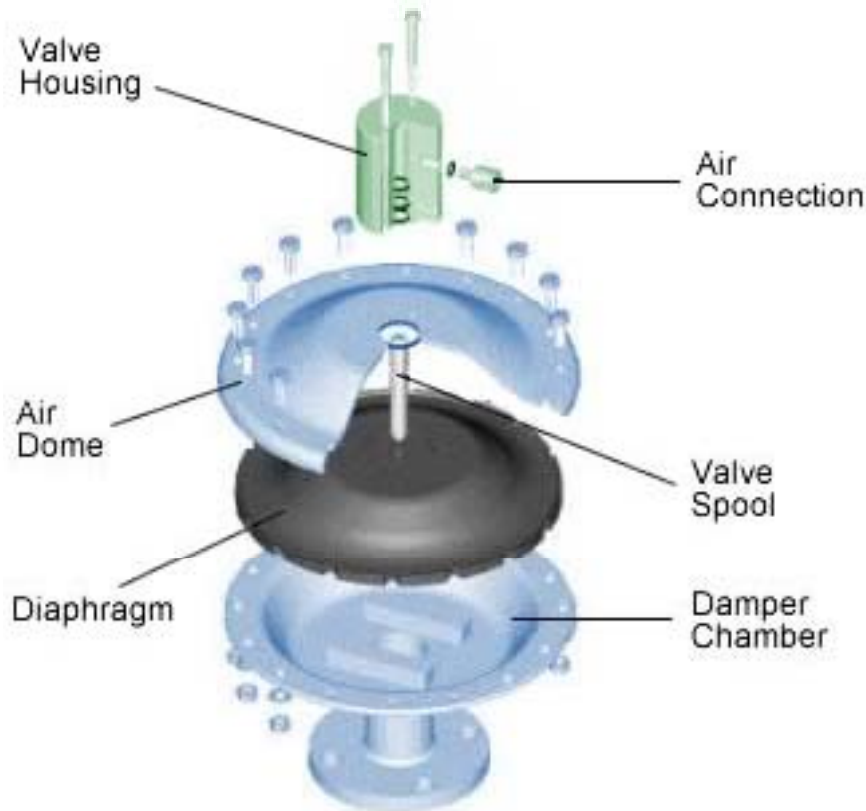
Filter regulators, dip tubes, anti-vibration mounts, flexible hoses, strainers are also all available from Flotronic.



Fast Maintenance Double Diaphragm Pumps



# Flotronic Pulsation Dampers



## Pulsation Dampers reduce stress and optimise flow

Use of Air Operated Diaphragm pumps which produce a pulsed flow, can create vibration in the delivery pipe work. Flotronic's pulsation damper fitted onto the pump or into a pipe work system will eliminate up to **95%** of pulsation, thus reducing vibration and all associated problems.

## Benefits of removing pulsation

- Reduces vibration and shake from pipe work
- Reduces stress on pipe work joints and support brackets
- Reduces the number of support brackets required
- Allows more accurate readings when pumping through mass flow meters & other instruments
- Increases safety by reducing pressure surges.

## Unique design eliminates the need for recharging

Flotronic's dampers differ from other pulsation damper designs in that they utilise a constant air supply to maintain a 'live loaded' diaphragm. By using standard factory air that is regulated to an optimum pressure - relative to damper position - all the problems associated with recharging are eliminated.

Fast Maintenance Double Diaphragm Pumps

