

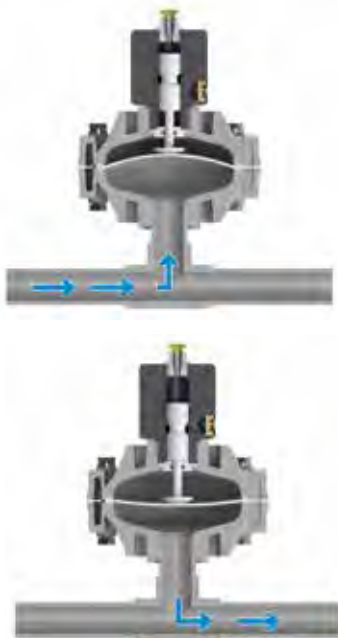
The active pulsation damper is the most efficient way to remove pressure variations on the discharge of the pump. Meclube pulsation damper works actively with compressed air and a diaphragm, automatically setting the correct pressure to minimize the pulsations. Pulsation dampers require minimum maintenance and are, subject to the requirements of the application, available in the same casing and diaphragm materials as the pump.

Applications and advantages

- **Metering and dispensing**
It damps the discharge pressure spikes, increasing accuracy
- **Filter Press**
It increases filter efficiency and life by providing a smooth flow
- **Spraying**
Constant spray pattern.
- **Filling**
It eliminates inconstant filling and splashing.
- **Transfer**
It eliminates harmful water hammers, preventing pipes and valves damages.



Significant pulsation reduction with an average percentage of 70% - 80% pulsation reduction in high back pressure applications.



How it works

The pulsating flow of the discharge forces the diaphragm upwards where it is cushioned by the air in the chamber.

The flexing of the diaphragm absorbs the pulsation giving a constant flow.

