



PNEUMATIC AUTOMATIC PULSATION DAMPENERS

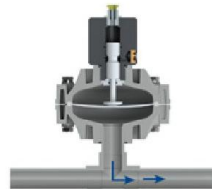
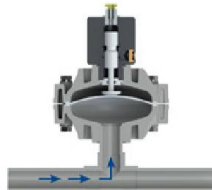
The active pulsation dampener is the most efficient way to remove pressure variations on the discharge of the pump. Meclube pulsation dampener works actively with compressed air and a diaphragm, automatically setting the correct pressure to minimize the pulsations. Pulsation dampeners require minimum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

Application

- Metering/ Injection/Dosing
- Equalizes discharge pressure spikes, increasing accuracy
- Filter Press/Inline Filters
- Increases filter efficiency and life by providing a smooth flow
- Spraying
- Smooth, consistent spray pattern.
- Filling
- Eliminates inconsistent filling and splashing.
- Transfer
- Eliminates harmful water hammer, preventing pipe and valve damage.



Significant Pulsation Reduction with an average 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 smooth flow.





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Model DAMP 35
 max flow-rate: 35 l/min
 fluid connections: 3/4" BSP

ARTICLE	CASING	FLUID CONNECTION	AIR CONNECTION	MAX AIR PRESSURE	MAX FLOW-RATE
A28-0035-001	POLYPROPYLENE	3/4" BSP	6 mm	8 bar	35 l/min
A28-0035-002	PVDF	3/4" BSP	6 mm	8 bar	35 l/min
A28-0035-003	POMc	3/4" BSP	6 mm	8 bar	35 l/min
A28-0035-004	SS AISI 316	3/4" BSP	6 mm	8 bar	35 l/min



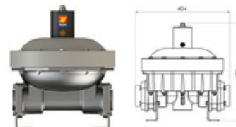
Model DAMP 110
 max flow-rate: 110 l/min
 fluid connections: 1" BSP

ARTICLE	CASING	FLUID CONNECTION	AIR CONNECTION	MAX AIR PRESSURE	MAX FLOW-RATE
A28-0110-001	POLYPROPYLENE	1" BSP	8 mm	8 bar	110 l/min
A28-0110-002	PVDF	1" BSP	8 mm	8 bar	110 l/min
A28-0110-003	POMc	1" BSP	8 mm	8 bar	110 l/min
A28-0110-004	SS AISI 316	1" BSP	8 mm	8 bar	110 l/min



Model DAMP 250
 max flow-rate: 250 l/min
 fluid connections: 1" 1/2 BSP

ARTICLE	CASING	FLUID CONNECTION	AIR CONNECTION	MAX AIR PRESSURE	MAX FLOW-RATE
A28-0250-001	POLYPROPYLENE	1" 1/2 BSP	10 mm	8 bar	250 l/min
A28-0250-002	PVDF	1" 1/2 BSP	10 mm	8 bar	250 l/min
A28-0250-003	POMc	1" 1/2 BSP	10 mm	8 bar	250 l/min
A28-0250-004	SS AISI 316	1" 1/2 BSP	10 mm	8 bar	250 l/min



Model DAMP 1000
 max flow-rate: 1000 l/min
 fluid connections: 2" BSP

ARTICLE	CASING	FLUID CONNECTION	AIR CONNECTION	MAX AIR PRESSURE	MAX FLOW-RATE
A28-1000-001	POLYPROPYLENE	2" BSP	12 mm	8 bar	1000 l/min
A28-1000-002	PVDF	2" BSP	12 mm	8 bar	1000 l/min
A28-1000-003	ALLUMINIUM	2" BSP	12 mm	8 bar	1000 l/min
A28-1000-004	SS AISI 316	2" BSP	12 mm	8 bar	1000 l/min