

PULSATION DAMPENER

A pulsation damper is a common component for eliminating pipe pulsation and it is an accessory that must be provided for a metering pump system. WRS's Pulsation Dampeners are designed to reduce pulsation and vibration in the pipe system that is caused by a metering pump or plunger pump. It ensures a smooth and continuous flow of the system. By removing the pulsation flows, the efficiency and accuracy of the pump system can be increase significantly. On the other hand, it helps to protect the pump, seals, gaskets of the entire systems from vibration and result in a longer lasting safer system. Whether a piston, plunger, air diaphragm, peristaltic, gear, or diaphragm metering pump a WRS Pulsation Dampener placed at the pump's discharge will produce a steady fluid flow up to 99% pulsation free: protecting the entire pumping system from the damaging effects of shock.

- Quick Installation
- In-line Maintenance
- Bodies in a full range of Chemical Resistant materials
- Bladders for even the most corrosive applications
- Produces near steady fluid flow
- 99% pulsation and vibration free
- Protects pumping system from pulsation, water hammer, vibrations, and more.

SERIES LGMQ



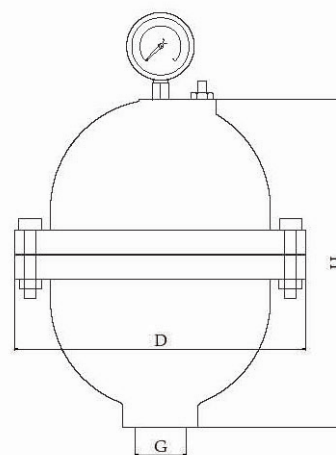
Pressure 1MPa

Material: UPVC, PVDF, SS304, SS316

Connection: Socket / Threaded / Flanged

Sizing: LGMQ dampener minimum volume size shall be at least 12 times of each stroke power (ml).

Model	Volume (L)	Height(H) (mm)	Diameter(D) (mm)	Inlet (G)
LGMQ-0.35	0.35	192	134	DN15
LGMQ-0.6	0.6	202	135	DN20
LGMQ-1.0	1.0	235	158	DN25
LGMQ-1.5	1.5	288	158	DN25
LGMQ-2.0	2.0	338	158	DN32
LGMQ-3.0	3.0	280	230	DN32
LGMQ-4.0	4.0	285	250	DN40
LGMQ-5.0	5.0	385	250	DN40/50
LGMQ-6.0	6.0	485	250	DN40/50



SERIES LGMK-B (Stainless Steel)

Pressure: 1 MPa

Material: SS304/316

Sizing: LGMK dampener minimum volume size shall be at least 26 times of each stroke power (ml).

Model	Volume (L)	H (mm)	D (mm)	Inlet
LGMK-B-0.8	0.8	246	76	G 1/2"
LGMK-B-1.2	1.2	260	89	G 3/4"
LGMK-B-2.0	2.0	300	114	G 1"
LGMK-B-3.5	3.5	340	133	G 1 1/4"
LGMK-B-4.0	4.0	370	133	G 1 1/2"



SERIES LGMK (PVC)

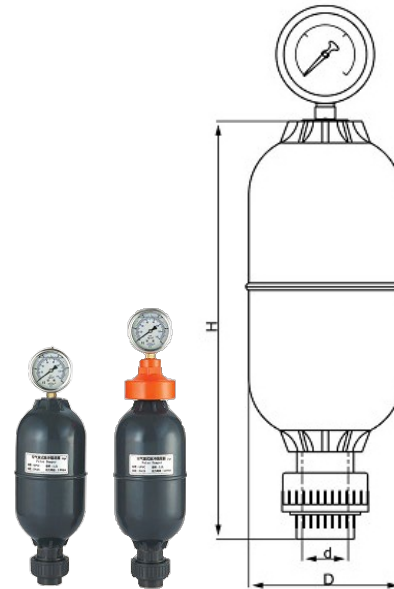
Pressure 1MPa

Material: UPVC

Standard Connection: Socket

Sizing: LGMK dampener minimum volume size shall be at least 26 times of each stroke power (ml).

Model	Volume (L)	H (mm)	d (mm)	D (mm)	Inlet
LGMK-0.6	0.6	201	20	85	DN15
LGMK-0.9	0.9	280	25	100	DN20
LGMK-1.2	1.2	292	32	110	DN25
LGMK-2.2	2.2	316	40	130	DN32
LGMK-3.2	3.2	323	50	162	DN40
LGMK-5.0	5.0	446	50	162	DN40
LGMK-10	10	760	63	162	DN50



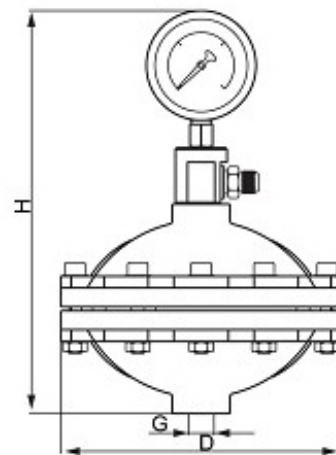
SERIES LGMZ

Pressure: 1.6 MPa

Material: UPVC, PP, PVDF, SS304, SS316

Connection: Inner thread

Sizing: LGMZ dampener minimum volume size shall be at least 15 times of each stroke power (ml).



Model	Volume (L)	H (mm)	D (mm)	Connection (F Thread)
LGMZ-0.35	0.35	215	φ142	G ½"
LGMZ-0.6	0.6	235	φ174	G ¾"
LGMZ-1.0	1.0	260	φ210	G 1"
LGMZ-1.5	1.5	308	φ230	G 1"
LGMZ-2.0	2.0	330	φ280	G 1 ¼"
LGMZ-4.0	4.0	370	φ306	G 1 ½" / 2"