

# All-Flo™ Pulsation Dampeners PDT SERIES AND PDM SERIES



a DOVER company

Where Innovation Flows



All-Flo™ PDT Series and PDM Series Pulsation Dampeners are recommended accessory products that help expand the application range and augment the performance of All-Flo Air-Operated Double-Diaphragm (AODD) Pumps. Installed at the pump's discharge, All-Flo pulsation dampeners reduce fluid pressure and flow fluctuations to provide a smoother discharge flow. This function is critical in applications that need to minimize system vibration in order to protect and enhance the accuracy of downstream instrumentation. It also extends equipment life by reducing the load on the pump.

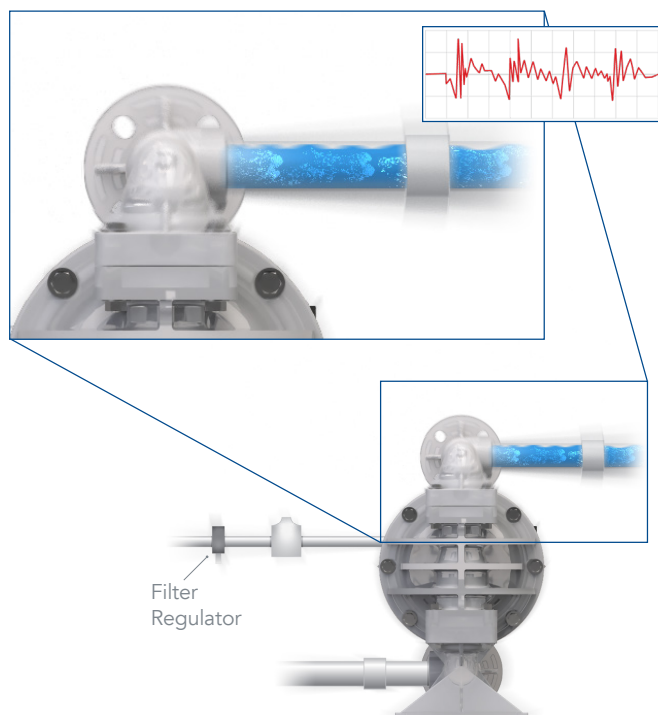
## FEATURES AND BENEFITS

- Provides steady discharge pressure and flow
- Reduces physical vibration
- Reduces load on the pump
- Protects downstream instrumentation
- Increases equipment life

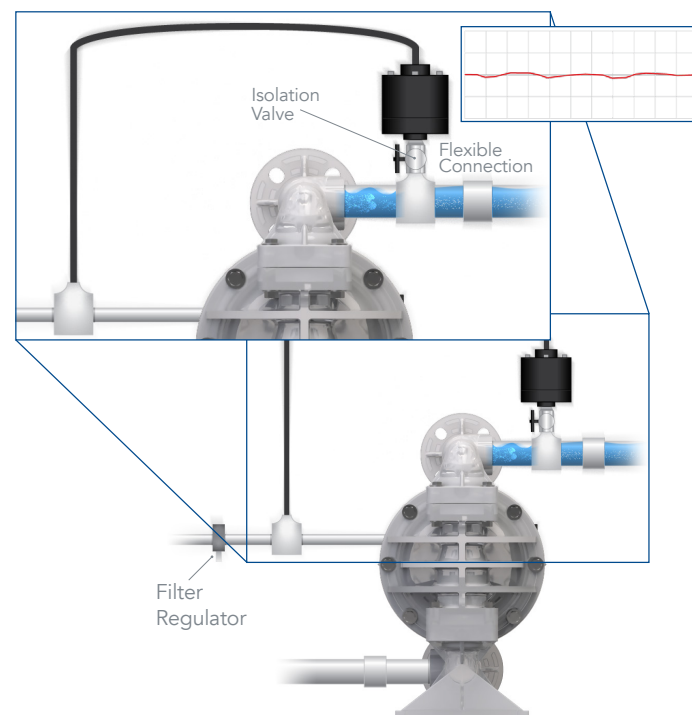
## APPLICATIONS

- Spray nozzles
- Lubrication
- General industrial
- Paint and coatings
- Water and wastewater
- Filtration
- Ceramics
- Semiconductor

## WITHOUT PULSATION DAMPENER INSTALLED



## WITH PULSATION DAMPENER INSTALLED



## PRODUCT SERIES: PDT



**PDT Series Pulsation Dampeners** are available in conductive plastic construction, which is ideally suited for applications that require grounding (lowering the risk of electrostatic charges).

PDT X X X			1 2 3 4			
<b>DAMPENER SIZE</b>			<b>1 CONNECTION TYPE</b>			
038 = 3/8 in.			M = MNPT			
050 = 1/2 in.			A = ANSI FLANGE (NOT AVAILABLE IN 3/8")			
100 = 1 in.			<b>2 HOUSING MATERIAL</b>			
150 = 1-1/2 in.			J = CONDUCTIVE POLYETHYLENE			
200 = 2 in.			U = CONDUCTIVE PTFE			
			<b>3 DIAPHRAGM MATERIAL</b>			
			E = EPDM			
			T = PTFE			
			N = NBR			
			<b>4 MATERIALS OF AIR SIDE</b>			
			J = CONDUCTIVE POLYETHYLENE			

## PRODUCT SERIES: PDM




**PDM Series Pulsation Dampeners** are available in bolted metal construction and can be used in a wide range of aggressive applications.

PDM X X X			1 2 3 4			
<b>DAMPENER SIZE</b>			<b>1 CONNECTION TYPE</b>			
100 = 1 in.			M = MNPT			
150 = 1-1/2 in.			B = BSPT			
200 = 2 in.			<b>2 HOUSING MATERIAL</b>			
			3 = 316 STAINLESS STEEL			
			<b>3 DIAPHRAGM MATERIAL</b>			
			T = PTFE			
			<b>4 MATERIALS OF AIR SIDE</b>			
			3 = 316 STAINLESS STEEL			

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