



PULSATION DAMPENER FOR DIAPHRAGM PUMPS

SKU: PDM200-M3T3



Price: ~~\$1,595.00~~ \$1,515.25

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SPECIFICATIONS

| | |
|-------------------|-----------------|
| Weight | 5 lbs |
| Dimensions | 10 x 10 x 10 in |

PRODUCT DESCRIPTION

PULSATION DAMPENERS FOR AIR OPERATED DOUBLE DIAPHRAGM PUMPS

Overview

The All-Flo PDM Series Metal Pulsation Dampeners are engineered accessories for Air-Operated Double Diaphragm (AODD) pump systems. Designed to install at the pump's discharge, they smooth out pressure and flow fluctuations, improving performance, reducing wear, and protecting downstream instrumentation.



Features & Benefits

- Delivers **steady discharge pressure and flow** for more consistent system operation
- **Minimizes vibration** across the pumping system
- **Reduces mechanical load** on the pump, helping extend service life
- **Safeguards sensitive downstream instrumentation** by dampening pulsation spikes
- Built to **enhance overall equipment reliability and longevity**

Applications

The PDM Series is suited for a wide variety of systems and industries, including but not limited to:

- Container filling
- Metering and dosing systems
- Food production lines
- Paints, resins, and coatings
- General industrial processes
- Water and wastewater treatment
- Filtration
- Ceramic manufacturing
- Semiconductor processing

Specifications & Construction

| Parameter | Details |
|---|--|
| Liquid Port Sizes | 1", 1½", 2", 3" (PSG) |
| Liquid Connection Types | MNPT, BSPT, or ANSI/DIN flange (flange option only for 3") (PSG) |
| Air Inlet / Exhaust | 1/8" NPT for all sizes (PSG) |
| Max Dimensions | Up to 13.4 in (height) × 18.7 in (width/depth) in the largest size (PSG) |
| Material - Wet End & Air End | 316L stainless steel (PSG) |
| Diaphragm | PTFE (Teflon) (PSG) |

These dampeners are available in a bolted-metal construction, making them robust and suitable for aggressive fluid environments. ([PSG](#))

Why Choose the PDM Series?

- The metal construction gives excellent durability for harsh or demanding fluids
- PTFE diaphragm ensures chemical resistance and long life
- Versatile connection options (threaded and flanged) adapt to varied piping systems
- Compact footprint with multiple size options allows selection tailored to system requirements

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