Pulse Valves, Ideal for Dust Collection Systems and Bag Houses

**FEATURES/BENEFITS**
- Thermoplastic polyurethane diaphragm for longer life
- High flow factor for effective cleaning
- Valve can be mounted in any position
- Quick on and off response time

**APPLICATIONS**
- Dust collection systems
- Bag houses
- For use with DCT1000 and DCT500

**SPECIFICATIONS**
- **Service:** Compatible gases, filtered and oil free.
- **Wetted Materials:** Body: aluminum; Trim: 304 SS; Diaphragm and seals: NBR; Diaphragm disc: Polyamide.
- **Other Materials:** Cover: aluminum; Body bolts and spring: 304 SS.
- **Pressure Limits:** Minimum of 4.4 psi (0.3 bar), maximum of 124.7 psi (8.6 bar).
- **Temperature Limits:** Ambient: -4 to 140°F (-20 to 60°C) for DCV models; -4 to 122°F (-20 to 50°C) for DRCV models; Operating: -4 to 185°F (-20 to 85°C).
- **Power Requirements:** 110 VAC, 220 VAC, or 24 VDC for DCV models.
- **Power Consumption:** 12 W, inrush: 17 VA; holding: 14.5 VA for DCV models.
- **Electrical Connection:** DIN connection for DCV models.
- **Enclosure Rating:** NEMA 4X (IP65) for DCV models.
- **Process Connection:** See Catalog page.
- **Mounting Orientation:** Any position.
- **Agency Approval:** CE.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Fits Valve Sizes</th>
<th>Price</th>
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<tbody>
<tr>
<td>A-237</td>
<td>1/8˝ NPT</td>
<td>1/4˝, 1˝, 1-1/2˝</td>
<td>6.60</td>
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<tr>
<td>A-238</td>
<td>3/8˝ NPT</td>
<td>1-1/2˝, 2˝, 2-1/2˝, 3˝</td>
<td>6.00</td>
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</table>

The Muffler Accessory can be easily field installed to any diaphragm valve with an exhaust. Pneumatic exhaust ports are on the diaphragm valves that have dual diaphragms and the units with the integral mounted solenoid. The muffler decreases the amount of noise when the air is exhausted from the valve. Valves with dual diaphragms and an integral solenoid have two exhaust ports and will require one A-237 and one A-238.
**DIAPHRAGM VALVES**

Pulse Valves, Ideal for Dust Collection Systems and Bag Houses

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**DIMENSIONAL CHART**

<table>
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<tr>
<th>Solenoid</th>
<th>Connection</th>
<th>Model</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>Weight lb (kg)</th>
<th>D (mm)</th>
<th>E (mm)</th>
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