



# DUST COLLECTOR SOLUTIONS

## MAC Pulse Valve

### MAC Design Advantages

- High flow
- Long life
- Balanced spool design
- Drop-in mounting - Without disturbing the existing piping
- Fast & repeatable response times for quick and accurate purges
- Optimized for reliable performances in harsh environmental conditions
- Bonded spool technology - Self cleaning bore
- Energy savings



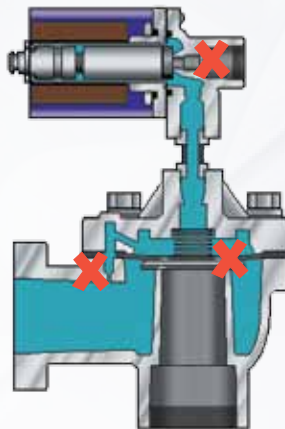
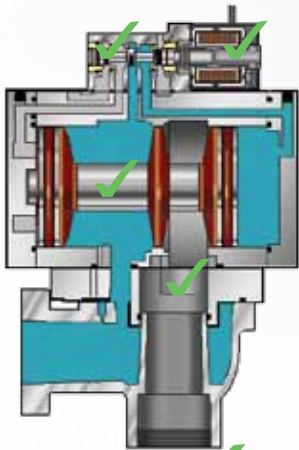
Preproduction model shown for illustration purposes - Actual model may vary

### MAC Advantages

vs.

### Competition Design

### MAC Spool Design



- ✓ +10 Million Cycles = Longer Life
- ✓ Wiping Action = Self Cleaning
- ✓ Balanced Design = Repeatable Purges
- ✓ No Ruptured Diaphragms = Less Wasted Air
- ✓ Viton Rubber = Harsh Environments

### Diaphragm Design



- ✗ 1 Million Cycles = Short Life
- ✗ Cracking and Leaking = Wasted Air
- ✗ Constant Maintenance Required = High Cost of Ownership

- ✓ **D-Seal Technology**  
Isolates Solenoid  
- Longer Life -
- ✓ **Dynamic Bonded Rubber Spool**  
- Balanced -  
- Wiping Action -
- ✓ **Lifting Solenoid**  
- Consistent Response -
- ✓ **Adapter Plate**  
- Drop-in Replacement to Existing Manifold-

- ✗ Contaminated Air Passes Through Unbalanced Solenoid  
- Sticking & Burnout -
- ✗ Small Fixed Orifice  
- Blocked By Contaminants -
- ✗ Diaphragm Ruptures  
- Air Leaks -

## Industry Specific Features

- ✓ Wide range of seals (nitrile, Viton® and proprietary compounds)
- ✓ Identical repair kit for NC/NO valves
- ✓ Remote air and solenoid purge options available (AC & DC voltages)

MAC Valves - Highly engineered solutions for the highest performing applications since 1948



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