

MAC Valve's Pulse valve – Dust Collector

For over 60 years, **MAC VALVES** has been developing innovative solutions for the industry. These solutions offer the advantage of optimizing machine performance and increasing efficiency.



In industrial environments where dust extraction is crucial, every component of the system makes a difference. The MAC Valves Pulse Valve offers an innovative solution for those seeking higher performance, reliability, and efficiency in dust filter applications. With a smart replacement for traditional diaphragm valves, MAC Valves provides a true upgrade in compressed air technology.

The Pulse Valve is designed to significantly improve the performance of dust collector systems. While conventional valves operate with a diaphragm, MAC valves use a vulcanized spool technology. This robust mechanism ensures optimal performance even in harsh and contaminated environments.

THE DIFFERENT PULSE VALVES



PV03 series

Flow: 24.000 NI/min

Temp Viton: -20°C—100°C



PV06 series

Flow: 53.200 NI/min

Temp Viton: -20°C—100°C



PV07 series

Flow: 70.000NI/min

Temp Viton: -20°C—100°C



PV09 series

Flow: 10.000 NI/min

Temp Viton: -20°C—100°C



PV10 series

Flow: 140.000 NI/min

Temp Viton: -20°C—100°C



PV12 series

Flow: 175.000 NI/min

Temp Viton: -20°C—100°C

I-TO-1 INTEGRATION

The Pulse Valve is also available with various adapter plates.

These adapter plates allow the pulse valves to directly replace diaphragm technology without requiring any modifications to the air tank.

KEY ADVANTAGES

Extremely long lifespan: The vulcanized spool technology ensures a significantly longer service life than traditional diaphragms.

Improved cleaning efficiency: The valves switch faster and deliver powerful air pulses, resulting in better and more efficient cleaning of filter bags.

Reduced maintenance: With fewer moving parts, there's less wear and tear—meaning fewer unexpected downtimes and lower maintenance costs.

Energy-efficient design: Thanks to the balanced construction and self-cleaning action, compressed air is used more efficiently, contributing to lower operational costs.

Easy integration: The pulse valve fits seamlessly into existing systems. Using an adapter plate, the valves can be installed without structural modifications.

Suitable for any environment: Available with electric or pneumatic actuation.

SUITABLE FOR MULTIPLE INDUSTRIES

From cement and food processing to chemical and woodworking industries, the pulse valve proves its value across a wide range of applications. Its combination of performance and reliability makes it a smart choice for any installation where dust collection plays a key role.



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