



MEGATRONE
INDUSTRIAL SOLUTIONS

Pulse Jet Dust Collector Valve



www.megatrone.in

Welcome to Pulse Jet Dust Collector Valve also known as Dust Filter Valves..

Pulse Jet Angle Type Dust Collector Valves (Normally Closed)

Our pulse jet angle dust collector valves are used in filtering systems of dust collector, gas turbines and desulfurization equipment. Mostly used to clean filters such as cartridge filters, ceramic filters, envelope filters and sintered metal fiber filters.

Technical Specifications:

Our pulse jet angle type dust collector valve is corrosion resistant, durable and known for its high tensile strength. We also offer a customized product as per the customer's requirement.

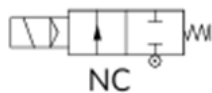
- ✓ **Port :** Refer below technical data sheet (Available BSP, NPT & Dresser Nut)
- ✓ **End Connection :** Screwed
- ✓ **Body Material :** Aluminum Die Cast
- ✓ **Media Temp :** -10° C to 90° C
- ✓ **Diaphragm :** Nitrile (NBR)
- ✓ **Circumstance Temp :** -10° C to 70° C
- ✓ **Media :** Air
- ✓ **Main Features :** Internal Parts are in superior corrosion resistance steel, (Equivalent to SS316L) Suitable for Air Pollution Control System, Bag Filter Machine
- ✓ **Operating Voltage & Power Consumption :** Nitrile (NBR)
- ✓ **Optional Feature :** 90% Power saver series also available
- ✓ **Other Specification Data :** Available on Request – Brass silencer to reduce extra noise

About Dust Bag Filtration & Valve's Function:

This type of bag filters are operating with a principle known as pulse cycle by which the time interval between pulsing a row of bag to clean them and that row being pulsed again and again. It is done by a method by which the compressed air is allowed through a tube. A nozzle or a venturi is placed at the top portion of the bag. The following components which are used as follows

- ✓ **Solenoid Valve**
- ✓ **Tube Sheets**
- ✓ **Compressed air manifold**
- ✓ **Venturi**
- ✓ **Metallic Cages**
- ✓ **Bag supported Cage.**

Screwed / Socket Weld Ball Valve – MBV Series



FUNCTION: 2/2 WAY NC (NORMALLY CLOSED)

Specifications

Port:	3/4", 1", 1/2", 2" & 2½" (AVAILABLE IN BSP/NPT)
End Connection:	Screwed
Body Material:	Aluminum Die Cast
Diaphragm :	NITRILE (NBR)
Media Temp :	-30°C TO 90°C
Circumstance Temp :	-10°C TO 70°C
Media:	AIR
Main Features:	Internal Parts Are In Superior Corrosion Resistance Steel, (Equivalent To Ss316l) Suitable For Air Pollution Control System, Bag Filter Machine
Operating Voltage:	24AC / 110AC / 230AC / 12DC / 24DC
Power Consumption:	9W / 9W / 9W / 10W / 11W
Coil Housing:	IP65, IP67 FLAMEPROOF ENCLOSURE, IP68 WEATHERPROOF ENCLOSURE.

NOTE: Use of filter in the inlet port is recommended.

Section View :



Technical Data

Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & Diaphragm Material	Flow Factor KV m ³ /hr
Aluminium	¾"	28.50	0.5	8.5	NBR	11
Aluminium	1"	28.50	0.5	8.5	NBR	16
Aluminium	1½"	51	0.5	8.5	NBR	40
Aluminium	2"	52	0.5	8.5	NBR	78
Aluminium	2½"	65	0.5	8.5	NBR	120
Aluminium	1½"	51	0.5	8.5	NBR	40
Aluminium	2"	65	0.5	8.5	NBR	78
Aluminium	2½"	65	0.5	8.5	NBR	120



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+91 97277 13898 | +91 97250 13898

sales@megatrone.in

B/501, Aries Heights, Nr. Surayam Flora, New Nikol,
Ahmedabad - 382350, Gujarat.

www.megatrone.in