

Series 353 Pulse Valve

New Robust Design offering Optimal Cleaning,
Faster Installation and Improved Air Flow Performance

Applications

Air Filtration:

- Cement Industry
- Chemical Industry
- Pulp & Paper
- Steel Industry
- Food & Beverage

Finishing:

- Blasting
- Sanding
- Grinding
- Powder & Paint Coating

Material Handling:

- Pneumatic Conveying
- Bulk Handling of Solids



Features & Benefits

Peak Pressure

- Higher peak pressure to ensure efficient cleaning of the filter bags

Low Air Consumption

- Air volume per pulse is minimized due to high peak pressure, faster valve response time (opening & closing) and internal design – up to 15% decrease in a typical application

Fast & Easy Installation

- Patented Quick Mount Clamp connection allows a faster and easier installation, up to 60% savings compared to dresser or threaded connection

Extended Temperature Range

- Covering temperatures from -40°C to 140°C (-40°F to 284°F)

Increased Reliability

- Rugged new design / springless, one-piece diaphragm construction improves valve performance

Longer Lifespan

- New design reduces maintenance time and extends life time of the valve to at least 1M cycles

Built-in silencers

- Noise Free operation
- Protection from foreign particles entering the valve

Integral Operators

- Various optional waterproof and explosionproof solenoids can be mounted

For more information:
www.Emerson.com/dustcollector

ASCO[™]


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Specifications

Pipe Size (in)	Orifice Size	Flow Factor		Operating Pressure Differential bar (psi)		Coil Wattage		Connection Type	Catalog Number	Electrical Interface	Options	Voltage Code						
		mm (in)	Kv (m ³ /h)	Cv	Min	Max.	AC					DC	24/50-60	120/60, 110/50	230/50-60	24/DC	Remote	
2-Way Normally Closed Aluminum Valve, TPE (One-Piece Diaphragm)																		
3/4"	32 (1-1/4")	13	15	2	8,5 (125)			NPT-Thread	8353K111...	0X (Remote Pilot)	A00						00	
								G-Thread	G353K111...									
								Clamp (NPT - Bonnet)	K353K111...									
								Clamp (G - Bonnet)	K353K111...									
								6,3	22	NPT-Thread	8353K111...	S1 - DIN Coil (w/ connector)	A00	FQ	F0	FH	F1	
										G-Thread	G353K111...							
Clamp	K353K111...																	
1"	32 (1-1/4")	20	23	2	8,5 (125)			NPT-Thread	8353K211...	0X (Remote Pilot)	A00						00	
								G-Thread	G353K211...									
								Clamp (NPT - Bonnet)	K353K211...									
								Clamp (G - Bonnet)	K353K211...									
								6,3	22	NPT-Thread	8353K211...	S1 - DIN Coil (w/ connector)	A00	FQ	F0	FH	F1	
										G-Thread	G353K211...							
Clamp	K353K211...																	
1 1/2"	55 (1-1/4")	49	57	2	8,5 (125)			NPT-Thread	8353K311...	0X (Remote Pilot)	A00						00	
								G-Thread	G353K311...									
								Clamp (NPT - Bonnet)	K353K311...									
								Clamp (G - Bonnet)	K353K311...									
								6,3	22	NPT-Thread	8353K311...	S1 - DIN Coil (w/ connector)	A00	FQ	F0	FH	F1	
										G-Thread	G353K311...							
Clamp	K353K311...																	