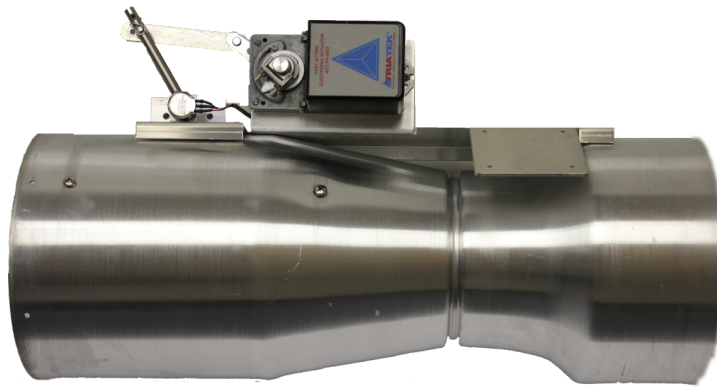


Medium Pressure Shut-Off Venturi Valve

Data Sheet



Medium Pressure Shut-Off Venturi Valve with Actuator

Constructed primarily with heavy gauge aluminum, Triatek's Medium Pressure Shut-Off Venturi Valve features a blend of stainless steel and Teflon components to extend valve life while keeping energy costs to a minimum.

Pressure independent, Medium Pressure Shut-Off Venturi Valves maintain a constant CFM at a specific actuator position over a range of 0.6" to 3" wc with accuracy of +/- 5% and does not require long straight runs for proper operation.

Medium Pressure Shut-Off Venturi Valves can be mounted vertically or horizontally and arrive on-site calibrated and ready for installation. Single valve flow rates range from 0 - 1100 CFM depending on the valve size.

FEATURES INCLUDE

- Constant flow control
- Heresite and Kynar coatings available for especially corrosive environments
- 8", 10", and 12" diameter models
- Factory calibrated
- Horizontal or vertical installation

Medium Pressure Shut-Off Venturi Valve

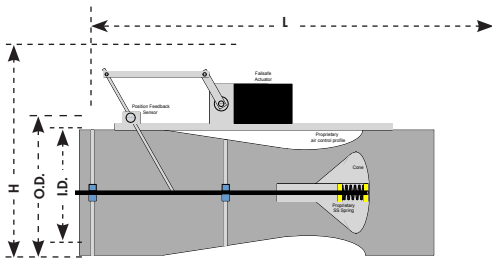
Data Sheet

Medium Pressure Shut-Off Venturi Valve Construction	
Cone	Aluminum 18 gauge
Cone Central Shaft	Stainless Steel 316
Casing	Aluminum 14 gauge
Cone Central Shaft Bearings	Teflon
Control Spring, Cross Supports, Links	Stainless Steel

Individual Valves												
Unit Size	Inside Diameter		Outside Diameter		Length		Clearance Height		Min. Flow		Max. Flow	
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	L/s	cfm	L/s
8"	7.75	197	7.88	200	23.00	584	14	356	0	0	600	283
10"	9.74	247	9.87	251	26.00	660	16	406	0	0	850	401
12"	11.68	297	11.80	300	26.80	681	18	457	0	0	1100	519

Ganged Valves (Valves can be ganged together in any combination up to 6 valves.)													
Unit Size & Number	Length		Width		Collar Height		Clearance Height		Min. Flow		Max Flow		
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	L/s	cfm	L/s	
10"	2	30.00	762	22.63	575	11.44	291	17	432	0	0	1700	802
	3	30.00	762	33.75	857	11.44	291	17	432	0	0	2550	1203
	4	30.00	762	22.50	572	22.88	581	34	864	0	0	3400	1605
	6	30.00	762	33.75	857	22.88	581	34	864	0	0	5100	2407
12"	2	30.80	782	26.75	679	13.50	343	19	483	0	0	2200	1038
	3	30.80	782	40.00	1016	13.50	343	19	483	0	0	3300	1557
	4	30.80	782	26.75	679	27.00	686	38	965	0	0	4400	2077
	6	30.80	782	40.00	1016	27.00	686	38	965	0	0	6600	3115

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Part Number Guide								
# of Valves	Diameter	Shell Coating	Thermal Insulation	Actuator	Type	Coupling	Orientation	Pressure Range
0 = 1 Valve	8 = 8"	A = Aluminum	N = No Insulation	FA = Elec., Fast Acting	SS = Standard Shut-Off	N = No Coupling*	H = Horizontal*	M = Medium
2 = 2 Valves	10 = 10"	H = Aluminum/Heresite	I = Insulated	CV = No Actuator	FS = Full Shut-Off	F = Flanged†	V = Vertical	
3 = 3 Valves	12 = 12"	K = Aluminum/Kynar		S = Special Order Actuator		D = Duct Band Clamp		
4 = 4 Valves								

* Denotes valve defaults if not specified otherwise.

† Contact Triatek for information on ganging flanged valves.

