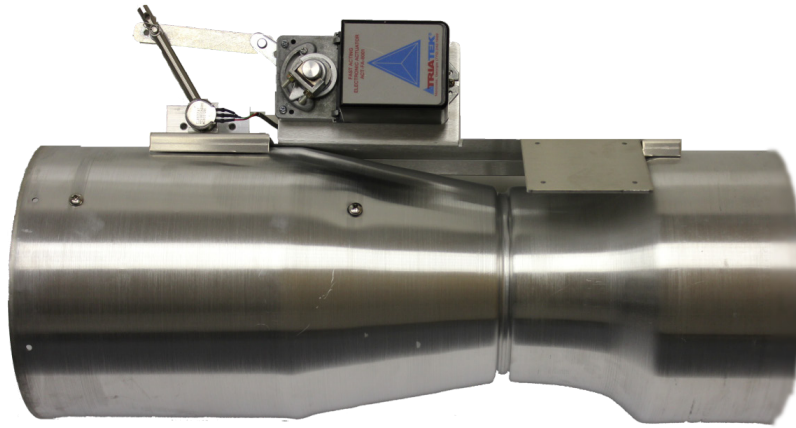


Low Pressure Shut-Off Venturi Valve

Data Sheet



Low Pressure Shut-Off Venturi Valve with Actuator

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

Pressure independent, Low Pressure Shut-Off Venturi Valves maintain a constant CFM at a specific actuator position over a range of 0.3" to 3" wc* with accuracy of +/- 5% and does not require long straight runs for proper operation.

**Vertical "up" Low Pressure Venturi Valves range 0.4" to 3" wc.*

The Low Pressure Shut-Off Venturi Valve can be mounted vertically or horizontally and arrives on-site calibrated and ready for installation. Single valve flow rates range from 0 - 700 CFM depending on the valve size.

FEATURES INCLUDE

- Constant flow control
- Heresite and Kynar coating available
- 8", 10", and 12" diameter models
- Factory calibrated
- Horizontal or vertical installation

Low Pressure Shut-Off Venturi Valve

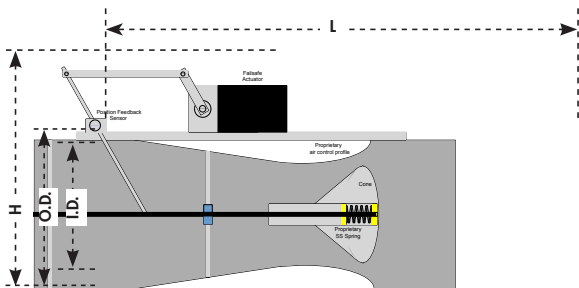
Data Sheet

Low 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	400	189
10"	9.74	247	9.87	251	26.00	660	16	406	0	0	450	212
12"	11.68	297	11.80	300	26.80	681	18	457	0	0	750	354

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	900	425
	3	30.00	762	33.75	857	11.44	291	17	432	0	0	1350	637
	4	30.00	762	22.50	572	22.88	581	34	864	0	0	1800	850
	6	30.00	762	33.75	857	22.88	581	34	864	0	0	2700	1274
12"	2	30.80	782	26.75	679	13.50	343	19	483	0	0	1500	708
	3	30.80	782	40.00	1016	13.50	343	19	483	0	0	2250	1062
	4	30.80	782	26.75	679	27.00	686	38	965	0	0	3000	1416
	6	30.80	782	40.00	1016	27.00	686	38	965	0	0	4500	2124

Product specifications are subject to change without notice. Triatek is a registered trademark. 12142012



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	L = Low
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	14 = 14"							

[†] Individual valves only.

