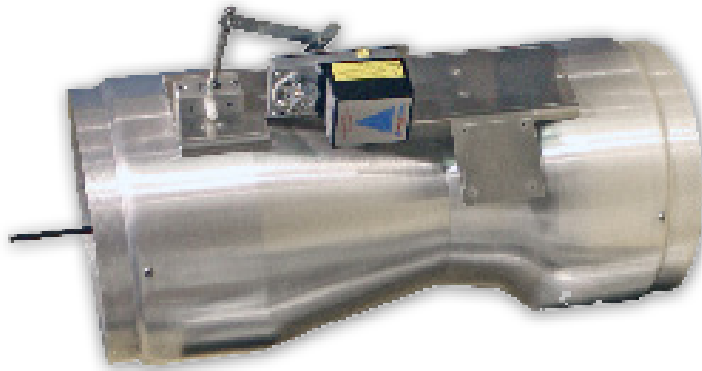


Medium Pressure Partially Closed Venturi Valve

Data Sheet



Medium Pressure Partially Closed Venturi Valve with Actuator

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

Pressure independent, Triatek's Medium Pressure Partially Closed 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 Partially Closed Venturi Valves can be mounted vertically or horizontally and arrive on-site calibrated and ready for installation. Single valve flow rates range from 35 - 2100 CFM depending on the valve size.

FEATURES INCLUDE

- Constant flow control
- Heresite and Kynar coating available
- 8", 10", 12", and 14" diameter models
- Factory calibrated
- Horizontal or vertical installation

Medium Pressure Partially Closed Venturi Valve

Data Sheet

Medium Pressure Partially Closed 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

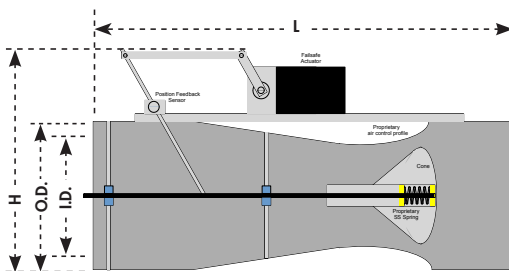
Individual Valves

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	35	17	700	330
10"	9.74	247	9.87	251	26.00	660	16	406	50	24	1000	472
12"	11.68	297	11.80	300	26.80	681	18	457	90	42	1500	708
14"	13.62	346	13.75	349	29.87	759	22	559	175	83	2100	991

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	100	47	2000	944
	3	30.00	762	33.75	857	11.44	291	17	432	150	71	3000	1416
	4	30.00	762	22.50	572	22.88	581	34	864	200	94	4000	1888
	6	30.00	762	33.75	857	22.88	581	34	864	300	142	6000	2832
12"	2	30.80	782	26.75	679	13.50	343	19	483	180	85	3000	1416
	3	30.80	782	40.00	1016	13.50	343	19	483	270	127	4500	2124
	4	30.80	782	26.75	679	27.00	686	38	965	360	170	6000	2832
	6	30.80	782	40.00	1016	27.00	686	38	965	540	255	9000	4248
14"	2	33.87	860	32.15	817	16.00	406	24	610	350	165	4200	1982
	3	33.87	860	48.30	1227	16.00	406	24	610	525	248	6300	2973
	4	33.87	860	32.15	817	32.00	813	48	1219	700	330	8400	3964

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



Part Number Guide

VV - [] - [] - [] - [] - [] - [] - [] - [] - []

# 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	PC = Partially Closed	N = No Coupling*	H = Horizontal*	M = Medium
2 = 2 Valves	10 = 10"	H = Aluminum/Heresite	I = Insulated	CV = No Actuator		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"							

* Denotes valve defaults if not specified otherwise.

† Contact Triatek for information on ganging flanged valves.

