

Stainless Steel Venturi Valve

Data Sheet



Stainless Steel Venturi Valve

Constructed primarily with 316 stainless steel, Triatek's Stainless Steel 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 Stainless Steel Venturi Valves maintain a constant CFM at a specific actuator position over a range of 0.75" to 3" wc with accuracy of +/- 5% and do not require long straight runs for proper operation.

Stainless Steel Venturi Valves can be mounted horizontally or vertically and arrive on-site calibrated and ready for installation.

Single valve flow rates range from 50 - 1300 CFM depending on the valve size.

FEATURES INCLUDE

- Constant flow control
- 8", 10", and 12" diameter models
- Factory calibrated
- Horizontal installation

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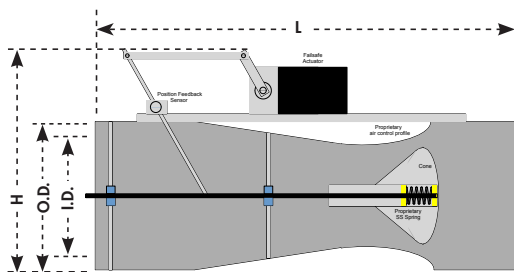
Data Sheet

Stainless Steel Venturi Valve Construction	
Cone	316 Stainless Steel 24 gauge
Cone Central Shaft	316 Stainless Steel
Casing	316 Stainless Steel 16 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./Max Flow	
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	ltr/sec
8"	7.75	197	7.88	200	23.00	584	14	356	50 - 700	24 - 330
10"	9.74	247	9.87	251	26.00	660	16	406	50 - 900	24 - 424
12"	11.68	297	11.80	300	26.80	681	18	457	110 - 1300	52 - 613

Ganged Valves (Valves can be ganged together in any combination up to 6 valves.)											
Unit Size & Number	Length		Width		Collar Height		Clearance Height		Min./Max. Flow		
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	ltr/sec	
10"	2	30.00	762	22.63	575	11.44	291	17	432	100 - 1800	47 - 849
	3	30.00	762	33.75	857	11.44	291	17	432	150 - 2700	71 - 1275
	4	30.00	762	22.50	572	22.88	581	34	864	200 - 3600	95 - 1699
	6	30.00	762	33.75	857	22.88	581	34	864	300 - 5400	142 - 2548
12"	2	30.80	782	26.75	679	13.50	343	19	483	220 - 2600	104 - 1227
	3	30.80	782	40.00	1016	13.50	343	19	483	330 - 3900	156 - 1840
	4	30.80	782	26.75	679	27.00	686	38	965	440 - 5200	207 - 2454
	6	30.80	782	40.00	1016	27.00	686	38	965	660 - 7800	311 - 3681

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Part Number Guide

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# of Valves	Diameter	Shell Coating	Thermal Insulation	Actuator	Type	Coupling	Orientation	Pressure Range
0 = 1 Valve	8 = 8"	S = 316 Stainless Steel	N = No Insulation	FA = Elec, Fast Acting	PC = Partially Closed	N = No Coupling*	H = Horizontal*	M = Medium
2 = 2 Valves	10 = 10"		I = Insulated	CV = No Actuator		F = Flanged†		
3 = 3 Valves	12 = 12"			S = Special Order Actuator				
4 = 4 Valves								

* Denotes valve defaults if not specified otherwise.
 † Contact Triatek for information on ganging flanged valves.

