

TRIATEK V SERIES

V Series Air Valve Benefits:

- Fully pressure independent
- Factory calibrated flow
- Field adjustable
- Pneumatic or electric actuator
- Standard aluminum or optional stainless steel
- Low pressure drop



Flanged Venturi Air Valve With Sure•Clamp™



Standard Venturi Air Valve

PRESSURE INDEPENDENT, CONSTANT FLOW DESIGN

Available in aluminum or stainless steel, the Triatek V Series Venturi Valve is ideal for controlling air flow for both supply and return or exhaust ducts based on the CFM flow set by the actuator.

Pressure independent, the Triatek Venturi Valve maintains a constant CFM at a specific actuator position over a range of 0.6 to 3 inches WC. As static pressure increases, the internal components adjust to maintain the constant volume of air. A decrease of the static pressure results in the internal components adjusting to increase the annular area; thereby maintaining the constant volume. In its normal operating mode, the valve is

pressure independent so that the flow is constant based on the specific actuator position.

Other features include:

- Constant flow control
- Sound attenuated models available
- 6", 8", 10", 12" & 14" diameter models
- Can be ganged for increased flow
- Sure Clamp™ flanged valves are available for rapid valve installation and removal when used with Sure Clamp™ flanged ductwork manufactured by Langdon, Inc.


www.triatek.com

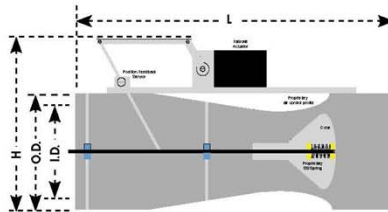
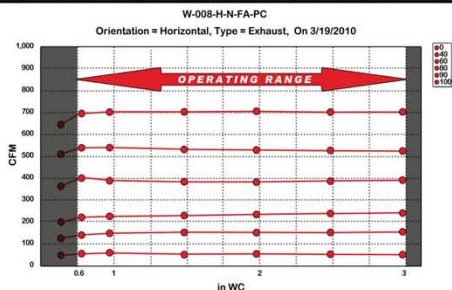
TRIATEK V SERIES

Specifications	
Aluminum Thickness	0.060"
Stainless Steel Thickness	0.040"
Accuracy	+/- .5%
Internal Assembly Construction Materials	Stainless steel shaft and struts with Teflon® bearings

Individual Valves										
Unit Size	Inside Dia.		Outside Dia.		Length		Clearance Height		Min./Max Flow	
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	ltr/sec
6"	5.80	147	5.93	151	19.50	495	13.00	277	30 - 250	17 - 117
8"	7.75	197	7.88	200	23.00	584	14.00	327	35 - 700	17 - 329
10"	9.72	247	9.85	250	26.00	660	16.00	406	50 - 1000	24 - 472
12"	11.55	293	11.68	297	27.80	681	18.00	457	90 - 1500	42 - 705
14"	13.49	343	13.62	346	29.87	759	22.00	559	175 - 2100	82 - 991

Individual FLANGED Valves										
Unit Size	Inside Dia.		Outside Dia.		Length		Clearance Height		Min./Max Flow	
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	ltr/sec
8"	7.75	197	7.88	200	22.00	559	14.00	327	35 - 700	17 - 329
10"	9.72	247	9.85	250	25.00	635	16.00	406	50 - 1000	24 - 472
12"	11.55	293	11.68	297	25.80	655	18.00	457	90 - 1500	42 - 705

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 (CFM)		
	in.	mm	in.	mm	in.	mm	in.	mm	cfm	ltr/sec	
10"	2	30.00	762	22.50	572	11.50	292	17.00	432	100 - 2000	47 - 944
	3	30.00	762	33.75	857	11.50	292	17.00	432	150 - 3000	71 - 1416
	4	30.00	762	22.50	572	23.00	584	34.00	864	200 - 4000	94 - 1888
	6	30.00	762	33.75	857	23.00	584	34.00	864	300 - 6000	41 - 2832
12"	2	31.00	787	26.75	679	13.50	343	19.00	483	180 - 3000	85 - 1410
	3	31.00	787	40.00	1016	13.50	343	19.00	483	270 - 4500	127 - 2115
	4	31.00	787	26.75	679	27.12	689	38.00	965	360 - 6000	170 - 2820
	6	31.00	787	40.00	1016	27.12	689	38.00	965	540 - 9000	254 - 4230
14	2	34.50	876	32.15	817	16.00	406	24.00	610	350 - 4200	164 - 1982



Aluminum, Heresite, Stainless & Insulated



6" - 14" Diameters Available



Valve With Patent Pending Sure Clamp

Part Number Guide



# of Valves	Diameter	Shell Material	Sound Insulation	Actuator	Orientation	Coating	Coupling
0 = 1 Valve	6 = 6"	A = Aluminum	N = No Insulation	P = Pneumatic	H = Horizontal	N = No Coating	NC = No Coupling
2 = 2 Valves	8 = 8"	S = 316 Stainless Steel	I = Sound Insulated	F = Elec, Fast Acting	V = Vertical	H = Heresite Coating	FA = Flanged Alum.
3 = 3 Valves	10 = 10"			N = No Actuator		K = Kynar Coating	FS = Flanged S.S.
4 = 4 Valves	12 = 12"			S = Special Order Actuator			SC = Sure Clamp™
	14 = 14"						



4487 Park Drive, Suite A-2 • Norcross, GA 30093
Phone: (770) 242-1922 • www.triatek.com

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* Contact Triatek for information on ganging flanged valves
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