

VacMotion™

AUTOMATION FOR INDUSTRY

Mini Vacuum Generators



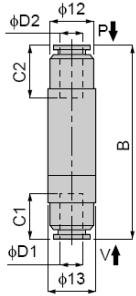
- High speed, light weight point of use design
- Simple push-to-connect fittings
- Four body styles with 3 nozzle diameters
- No moving parts to wear out
- Low air consumption
- Built in silencers keep noise to a minimum
- Vacuum levels to -27inHg

Applications

Lightweight point-of-use vacuum generators combine simple design with high performance. The slim VU generators are extra compact in-line style generators and are the same size as the vacuum and compressed air lines. The VH series can be mounted directly to an air valve for immediate response and the ultimate in space saving design. The VB "box" style is available with a built in vacuum switch for applications that require a "parts presence" signal or can be used in conjunction with a control valve and non-return valve to build an energy-saving system.

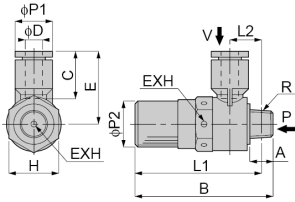
Media	Non-lubricated air, non-corrosive gases
Operating pressure	14 to 114 PSI, optimum pressure 72.5 PSI
Operating temperature	32 to 120F
Material	NYLON, PBT, PP, Nickel plated brass
Maximum vacuum	-27inHg





V-VUH Series - In-line straight union generator

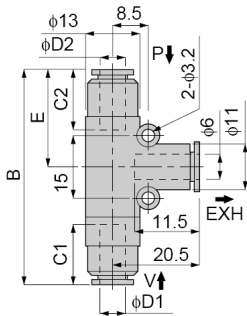
Model	Tube Dia. D1	Tube Dia. D2	B	C1	C2	Nozzle Dia.	Max Vac (inHg)	Max Flow SCFM	Air Cons. SCFM	Weight (g)
V-VUH.05.66	6	6	65.9	17.1	17.1	0.5	27.1	0.25	0.40	17.5
V-VUH.10.66	6	6	75.6	17.1	17.1	1.0	27.1	0.99	1.59	18.5



V-VHH Series - Direct mountable generator

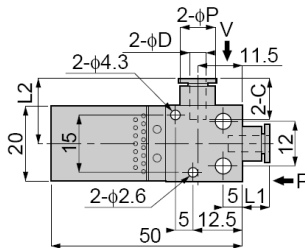
Model	Tube Dia. D	R	A	B	L1	P1	P2	C	E	H
V-VHH.07.601	6	1/8"	7.2	48.6	45	12.5	16	16.7	25.5	17
V-VHH.10.601	6	1/8"	7.2	48.6	45	12.5	16	16.7	25.5	17

Model	Nozzle Dia.	Max Vac. (inHg)	Max Flow SCFM	Air Cons. SCFM	Weight (g)
V-VHH.07.601	0.7	27.1	0.46	0.81	37
V-VHH.10.601	1.0	27.1	0.99	1.59	36.7



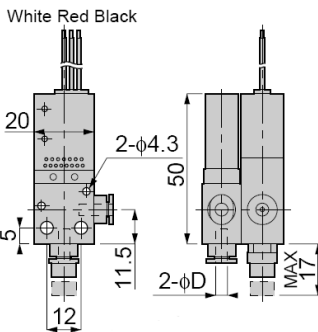
V-VTH Series - In-line T shape exhaust union generator

Model	Tube Dia. D1	Tube Dia. D2	B	C1	C2	Nozzle Dia.	Max Vac (inHg)	Max Flow SCFM	Air Cons. SCFM	Weight (g)
V-VTH.05.66	6	6	65.9	17.1	17.1	0.5	27.1	0.25	0.40	17.5
V-VTH.10.66	6	6	75.6	17.1	17.1	1.0	27.1	0.99	1.59	18.5



V-VBH Series - Box shaped union generator

Model	Tube Dia. D1	P	C	Nozzle Dia.	Max Vac (inHg)	Max Flow SCFM	Air Cons. SCFM	Weight (g)
V-VBH.07.66	6	12.4	16	1.0	27.1	0.95	1.55	18.5
V-VBH.12.66	6	12.4	16	2.0	27.1	3.88	6.36	18



V-VBHS Series - Box shaped union generator with vacuum switch

Model	Tube Dia. D	Nozzle Dia.	Max Vac (inHg)	Max Flow SCFM	Air Cons. SCFM	Weight (g)
V-VBHS.07.66	6	1.0	27.1	0.95	1.55	46
V-VBHS.12.66	6	2.0	27.1	3.88	6.36	47.5

Setting range	5.9 to 15.7 inHg
Accuracy	1.6 inHg
Hysteresis	1.2 to 3.9 inHg
Electrical rating	AC 125V / 5A, AC 250V / 3A
Operating temperature	32 to 140F