



VP SERIES pneumatic pumps

TYPICAL APPLICATIONS

Vertical Extraction Wells
Landfill Gas Extraction Wells
Condensate Sumps
Recovery Wells At Remediation Sites

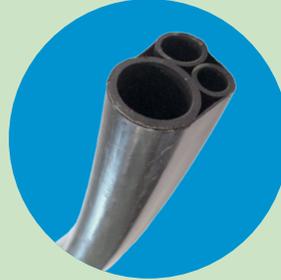
CAPABILITIES AND OPTIONS

Bottom or top inlet configurations
Sizes for 4", 3.5" and 2" inside pipe diameters
Engineered plastic BCV is standard (316 SS available)
Standard ultra-durable epoxy resin fiber-glass casing
Optional 316 Stainless Steel casing
Quick and easy disassembly for routine cleaning and maintenance

ACCESSORIES



Inlet Kit



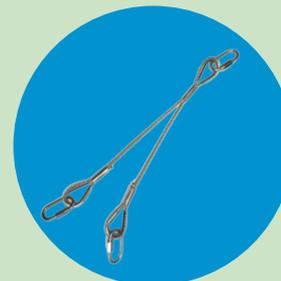
Tri-Tube Bundle



I-Fit Connectors



Discharge Kit



Suspension Harness



Well Seals

1-800-762-8418

www.viridianamerica.com

Model & Type	4 Inch Pumps				3 Inch Pumps			2 Inch Pumps		
	VP4-BL	VP4-TL	VP4-BL LDD	VP4-TL LDD	VP3-BL	VP3-TL	VP3-BL LDD	VP2-BL	VP2-TL	VP2-BL SS
Liquid Inlet Position	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Bottom	Top	Bottom
Max Flow Rate: gpm/min	>12.7	>9.2	>5.3	>5.3	>5.3	>4.4	>3.7	>2	>1.7	>2
Volume/Cycle: gallons	0.3	0.3	0.15	0.1	0.15	0.2	0.1	.08	.07	.08
Pump Length : inches	40.6	43.3	21.7	29.1	44.1	46.9	26.2	37.2	39.1	37.2
Weight: lbs.	13.2*	17.6	9.4*	12.1	9.4*	15.8	7.0*	3.3	4.4	6.9
Pump Diameter : inches	3.5	3.5	3.5	3.5	2.8	2.8	2.8	1.7	1.7	1.7
Pump Trigger Point: inches	26.4	24.4	14.2	13	29.3	24.8	14.2	25.5	23.4	25.5
Min Internal Well dia: inches	3.9	3.9	3.9	3.9	3.1	3.1	3.1	2.4	2.4	2.4
Max Working Depth: feet	426	426	426	426	426	426	426	426	426	426
Max Operating Temp: °F	320**	320**	320	320	320**	320	320	320	320	320
pH Operating Range	1-12	1-12	1-12	1-12	1-12	1-12	1-12	1-12	1-12	1-12

*Weight shown is with engineered plastic BCV. For 316SS BCV add approx. 3.2 lbs for VP4 and 1.7 lbs for VP3. All weights are approximate.

** These models requires optional Syntactic float to reach max temp of 320°F. Max temp for standard float on these models is 194°F.

BL = Bottom Loading
 TL = Top Loading
 LDD = Low Draw Down
 SS = Stainless Steel



VP Series includes 4", 3", and 2" bottom and top loading models.

Materials of Construction		
All major metal parts & fasteners	316L Stainless Steel	
Magnetic parts	17/4 Stainless Steel & NdFeB	
Rocker assembly	PEEK	
Discharge check valve ball	PTFE (Teflon®)	
Actuator rod & inlet check valve shuttle	UHMW PE	
All minor plastic parts	PVDF (Kynar®)	
VP4-BL BCV Seat & Cage	Injected molded, glass reinforced Polypropylene	
Float	VP4	Easy to clean high-temp Polypropylene, max. oper. temp 194°F
	Others	High performance Syntactic foam, max oper. temp 320°F
Casing	FRP high performance filament wound epoxy composite tube, max operating temp. 250°F, tested to 800 psi @ 175°F	
Option on pump casing	316L Stainless Steel	

Down-well Tube & Connection Options	
Tube material	High performance nylon hybrid
Discharge	1" OD
Air supply	1/2" OD
Air Exhaust	5/8" OD
I-Fit couplings	1", 1/2" & 5/8"
Standard hose barsbs	1", 1/2" & 5/8"

Sold By:

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