



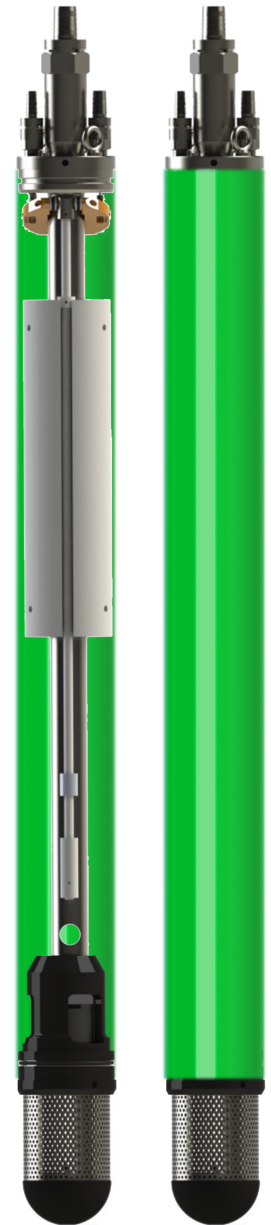
VP4-BL Specifications

The VP4-BL is designed to reliably pump landfill leachates and groundwater contaminated with oils, gasoline, diesel, BTEX and MTBE under the most arduous conditions.

Specifications:	
Pump type	VP4-BL , bottom filling pneumatic pump
Actuation	Float activated, fully automatic
Overall height to top of I-Fit Couplings	42.75"
Height from intake to top of IFit coupling	38.15"
Height from intake to trigger point	25"
Outside diameter	3.5"
Length of active inlet screen	3.1"
Weight: FRP / 316SS casing	13.2 lbs / 17.2 lbs
Maximum flow rate	15.85 GPM (US)
Volume of liquid displaced per cycle	0.32-0.37 Gallons (US)
Maximum depth	500'
Air pressure operating range	5 - 260 psi
Air consumption	Varies and is available upon request
Maximum operating temperature	245°F
pH range	2-13
Minimum liquid density	0.7 SG

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®)
Float	Syntactic high performance float, collapse rating 4000 psi @ 175°F, max. operating temp. 250°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 barbs	1", 1/2" & 5/8"



Sold By:

**Viridian America
Environmental Pumps**
19900 County Rd. 81
Maple Grove MN 55311
1-800-762-8418
www.viridianamerica.com
info@viridianamerica.com