



VP4 Specifications

The VP4 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 | 17.2 lbs / 21.2 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 | |
| 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