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## EPG Quick Tip

### Eliminating Trapped Air

If air is trapped in your discharge pipeline, your pumps are working harder to overcome air pockets and move the liquid. When air enters the system, it accumulates into air pockets. Without preventative measures, these air pockets create air lock, line surges and other adverse conditions leading to increased maintenance, repair and/or excessive operating expenses.

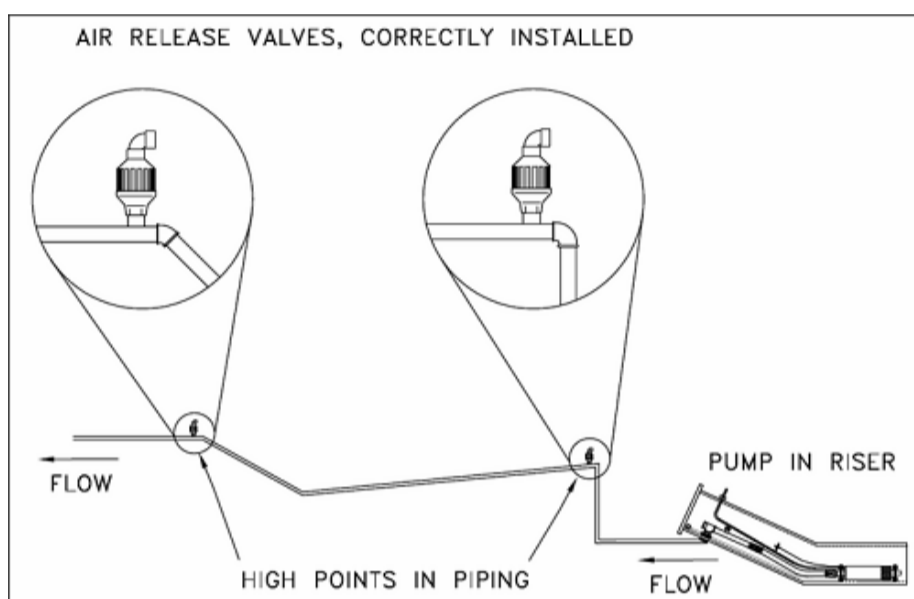


Some simple and inexpensive solutions EPG can provide include:

**Air Release Valves** - These have a float and linkage mechanism that senses and releases air under pressure but it is usually limited to the amount of air it can admit and exhaust.

**Air/Vacuum Valves** - These exhaust air during pipeline filling/start-up via a float that rises with liquid level. In addition, if a pressure loss or vacuum condition occurs, the float will drop and air will be admitted into the pipeline.

**Combination Air Valves** - These combine the function of both the Air Release and the Air/Vacuum valve. We recommend using this air valve because it contains an air release orifice and a vacuum port in one assembly and, unlike the other valves; it can be used at high points and at any point in the pipeline system, providing added air release and protection.



Questions? Call EPG at 1-800-443-7426 for more information.

## Product Highlight

### Viridian America Pneumatic Pumps

Viridian America's line of pneumatic pumps have become the choice of landfill managers and operators for low flow, vertical pumping applications. The innovative, rugged & corrosion resistant design makes it the most durable pneumatic pump available on the market today.

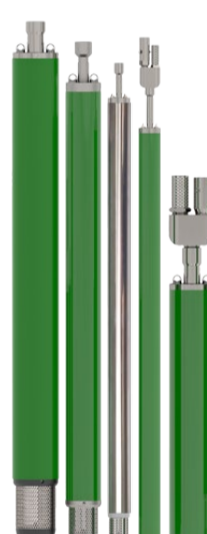


### Typical Applications

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

### Capabilities & 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



### Differentiators

- High Performance Molded Float For Less Scale Build-up
- Epoxy Resin Outer Casing For Long Term Structural Strength
- Round Bottom Dome To Ease Installation
- More Noble Materials For Increased Chemical Resistance
- Machined Head For Reduced Corrosion Potential
- Rocker Arm Design For Enhanced Strength & Longer Life
- Non-Penetrating Rocker Arm Pins To Prevent Air Intrusion
- Non-Contact Magnets For Smooth Surface And Reduced Fouling

### Viridian Accessories Work With Most Manufacturers Equipment

- Air Supply Kits
- Liquid Discharge Piping Kits
- Tubing Bundles
- Pulse Counter
- Air/Filter Regulators
- Support Cables
- I-Fit Connectors
- Well Seals
- Well Covers



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For lift station, water tower/elevated tank controls, be sure to visit [www.masterlevel.com](http://www.masterlevel.com) to learn more

## Industry Events

**July 28-30 SWANA Florida Summer Conference**  
Tampa, FL (EPG / Diamond Scientific Exhibiting)

**Aug 26-29 Wyoming Solid Waste & Recycling Conf.**  
Sheridan, WY (The Reich Co. Exhibiting)

**September 10-12 North Dakota Solid Waste & Recycling Assoc.**  
Bismarck, ND (EPG Exhibiting)

**September 10-12 Nebraska SWANA Fall Conference**  
Hastings, NE (The Reich Co. Exhibiting)

**Oct 01-02 Colorado SWANA Conference**  
Colorado Springs, CO (The Reich Co. Exhibiting)

**Oct 01-03 Kansas SWANA Solid Waste Mgmt. Conf.**  
Mulvane, KS (The Reich Co. Exhibiting)

**Oct 21-24 2019 WASTECON**  
Phoenix, AZ (EPG / Viridian America Exhibiting)

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