

# PULSAFEEDER®

Continuing on with innovations in metering pump technology, Pulsafeeder is proud to provide the PULSAtron Degassing Head Assembly.

The degassing head assembly is the solution to pumping gas producing chemicals such as hydrogen peroxide or high strength sodium hypochlorite.

The unique de-gas valve system is designed to allow air to be vented from the pump head while minimizing the return fluid volume. This allows the pump to be totally self-priming which eliminates the need for a bleed valve. The degassing head also prevents the pump from losing its prime due to gas build up, especially in applications where the pump is run intermittently with extended idle periods.

Materials of construction for the degassing head assembly are PVC pump head, Viton, TFE or CSPE seats/o-rings and ceramic check balls. The suction and discharge are 3/8" OD by 1/4" ID tubing connection. When ordering a pump with this option, simply change position #10 (connection) to a "9" (i.e., LPB4SA-VVC9-XXX).

The degassing head is available on all PULSAtron pumps with volumes  $\leq 44$  GPD and pressures  $\leq 150$  PSI. This feature is only available with the wet-end codes VVC9, VHC9 and VTC9.

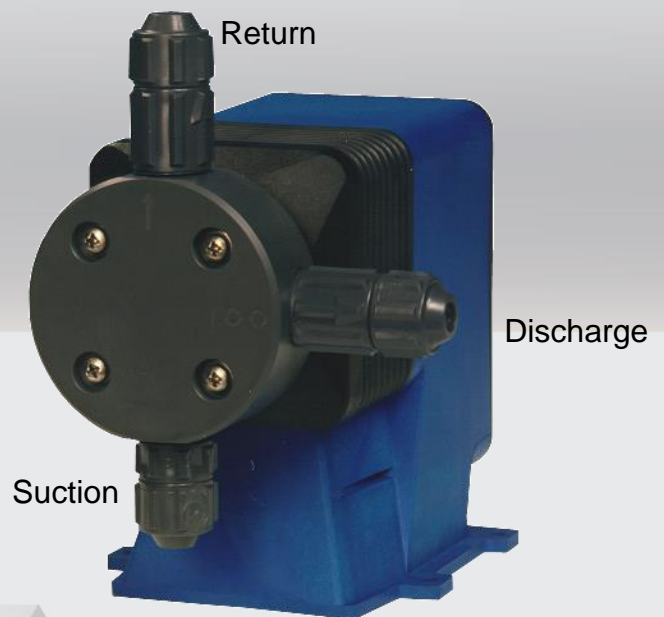
VVC9 = PVC head, Viton seats/orings, Ceramic balls  
VHC9 = PVC head, CSPE seats/orings, Ceramic balls  
VTC9 = PVC head, TFE seats/orings, Ceramic balls

## Features

- Return valve in head.
- PVC pump head and fittings.
- Degassing Head Conversion Kits available for existing pumps

## Operating Benefits

- Pumping gas producing chemicals while minimizing the return fluid volume.
- Allows pump to be self-priming.
- Prevents pump from losing prime.



## Aftermarket

- Water Meters
- Gauges
- Dampeners
- Pressure Relief Valves
- KOPkits
- Tanks
- Pre-Engineered Systems



## Degassing Head Assembly

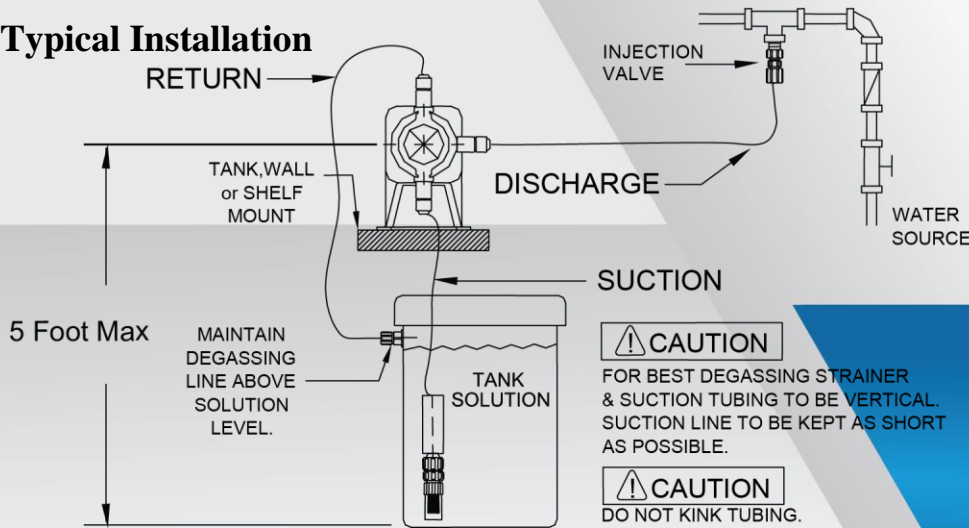
# Degassing Head Assembly

## Specifications and Model Selection

For existing pumps in the field there are degassing head conversion kits. These kits include all the parts necessary to make your conversion swift and easy. Each kit contains the following: (1) degassing head assembly, (1) foot valve/strainer, (1) strainer weight, (1) 4 ft. length of suction tubing and (1) 4 ft. length of return tubing. Please refer to the chart below to determine the correct part number for the conversion kit for your specific model.

Part Number	Materials	Pump Model Usage
L9906901-000	PVC/TNVC	LB02, LC02, LD02, LF02, LS02, LE02, LPA2, LMA2, LW02, LL02, LQ02, LTA2
L9907001-000	PVC/TNVC	LB03, LC03, LD03, LE03, LE13, LEK3, LPA3, LPB3, LPK3, LMA3, LMB3, LMK3
L9907101-000	PVC/TNVC	LB04, LB64, LC04, LD54, LD04, LD54, LE14, LE34, LEG4, LE44, LPB4, LPD4, LPG4, LMG4, LMB4, LMB4
L9906902-000	PVC/HYP/C	LB02, LC02, LD02, LF02, LS02, LE02, LPA2, LMA2, LW02, LL02, LQ02, LTA2
L9907002-000	PVC/HYP/C	LB03, LC03, LD03, LE03, LE13, LEK3, LPA3, LPB3, LPK3, LMA3, LMB3, LMK3
L9907102-000	PVC/HYP/C	LB04, LB64, LC04, LD54, LD04, LD54, LE14, LE34, LEG4, LE44, LPB4, LPD4, LPE4, LPG4, LMG4, LMB4, LMB4

### Typical Installation



Flooded suction installation is not recommended

### Integrated Tank Systems



#### Integrated Tank Systems

Pulsafeeder's ITS System is a completely integrated tank system constructed of high density UV resistant polyethylene (PE) with a 15 gallon capacity. This tank system is translucent with 5 gallon increments and the tank's low level indicator allows visual monitoring of chemicals without opening the tank. The tight fitting child proof lid keeps the chemical free of contaminants and protects the surrounding area from chemical fumes.

The ITS System also allows for easy access to the liquid end and control panel of the mounted pump. A system consists of a chemical tank with lid and bulkhead fittings: a liquid level indicator float assembly and feeder mounting hardware.

### Custom Engineered Designs – Pre-Engineered Systems



#### Pre-Engineered Systems

Pulsafeeder's Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.

**PULSAFEEDER**

27101 Airport Road  
Punta Gorda, FL 33982  
Phone: +1(941) 575-3800  
Fax: +1(941) 575-4085

www.pulsatron.com



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