

PULSAFEEDER®

With the Five Function Valve with De-Gas you don't have to give up the accuracy and control of a solenoid metering pump in order to pump gaseous solutions. Available in popular sizes, the Five Function De-Gas Valve is ready to tackle most applications. Not only does the Five Function De-Gas Valve provide degassing, it is packed with features that increase safety, enhance performance and generally improves the convenience of operation.

The functions are selected by setting two, independent dual position selector knobs. The label on the back panel of the Five Function De-Gas Valve identifies each function with selector knob positions.

The Five Function De-Gas Valve is compatible with most PULSAtron, and CHEM-TECH Series pumps. Connected to the existing discharge valve the Five Function De-Gas Valve is capable of handling a large output flow as well as viscous liquids. A return port located on the side body provides flow of chemical back to the solution tank when in the degas, air bleed or drain discharge mode.

Features

- De-Gas – Allows for the constant removal of gases that would otherwise “air bind” the pump.
- Back Pressure – Maintains output reproducibility and allows metering into atmospheric discharge.
- Anti-Siphon – Prevents siphoning through the pump when point of injection is lower than the pump or into the suction line of another pump. Rated at total vacuum.
- Air Bleed – Used during priming to manually remove air from the pump head.
- Discharge Drain – Depressurize pump discharge line without loosening tubing or fittings.

Operating Benefits

- Bypass gasses and fluid during normal pump operation.
- Protects the operator from chemical exposure with discharge drain.
- Prevents siphoning.



Aftermarket

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



Five Function De-Gas Valve

Five Function De-Gas Valve

Specifications and Model Selection

Five Function/Degas Valve Selection Guide		L385
Five Function Valve	L385 = Five Function Degas Valve	-
Max Pressure Rating	K = 250 PSI	-
O-Ring Material	V = Viton H = CSPE	-
Connection Size	01 = 3/8" (0.95 cm) OD Tubing Connection 02 = 1/4" (0.635 cm) Male MNPT Connection 03 = 1/2" (1.27 cm) OD Tubing Connection 0P = 4 x 6 mm 0N = 4 x 10 mm 0S = 6 x 10 mm 0Y = 6 x 12 mm 0Q = 10 x 14 mm	-
Body Materials	PVD = Polyvinylidene Fluoride (PVDF or Kynar)	-

Engineering Data

Materials of Construction:

Valve Body: PVDF
Diaphragm: PTFE-faced CSPE
O-Rings: Viton
 CSPE

Hardware: 188 SS (recessed)

Maximum Flow: 240 GPD (37.85 LPH)

Minimum Flow: 3 GPD (.47 LPH)

Maximum Viscosity: 1000 CPS

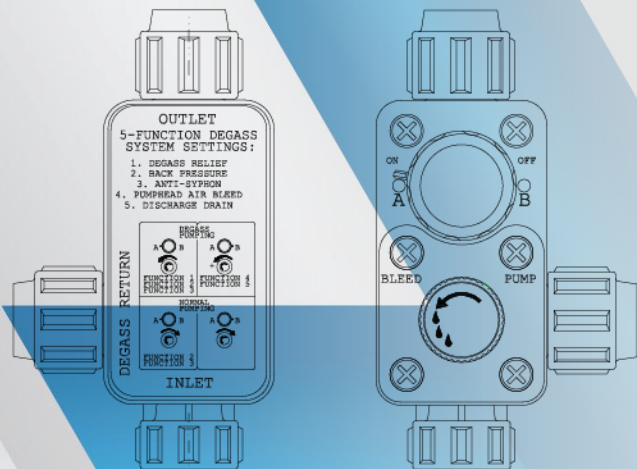
Maximum Pressure Ratings: Up to 250 PSI (17 BAR)

Connections:
 .75 in (0.635 cm) Male NPT
 .50 in (1.27 cm) OD tubing
 .375 in (0.95 cm) OD tubing

All ports (input, output & bypass) on the selected valve will be the same.

Note: Degas/bypass volume is adjustable, typically 1-10% of pump output.

Important: Material Code - GFPPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.



BACK VIEW

FRONT VIEW



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

www.pulsatron.com



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