

DIGITAL GLYCOL FEEDER

Pulsafeeder's Digital Glycol Feeder provides a consistent operating pressure in closed loop systems. This allows a controlled percentage of glycol solution to be fed from the 50 gallon tank. The Digital Glycol Feeder is available in two models; the DGF1 for single loop and the DGF2 for dual loop systems.

The control unit utilizes an 8-bit microcontroller for precise feed system control. The NEMA4X enclosure can be wired conduit or prewire for easy startup. The preplumbed assembly includes a pressure gauge, pressure switch, and pressure relief valve to prevent excessive pressure build up. A low liquid level switch with optional audible alarm prevents the gear pump from operating when the solution is low.

FEATURES

CONTROLLER FEATURES

- Touch Keypad User Interface for Gear Pump Operation
- LED Indicators Loss of Pressure and Low Level
- HOA Control Of Pumps and Alarm To Force Relay OFF Indefinitely Or Force Relay ON For A Period Of 5 Minutes
- Alarm Silence Feature
- Dual Alarm Relay Outputs Are Factory Configured For Dry Contact Or Powered
- Available In 115V Or 230V

PUMP FEATURES

- Heavy Duty Gear Pump
- Bronze And Stainless Steel Wetted Components
- Close Tolerance Design Allows For Consistent Performance
- Helical Gears For Quiet Operation

SYSTEM FEATURES

- Economical Design For Competitive Bid Specifications



MODEL SELECTION

Model Number	Closed Loop	Conduit / Prewire	Audible Alarm	Alarm Output	Pressure Switch	Pump
DGF1BAAACXB	Single Loop	Prewire	Without	Dry Contact	Standard: 30 to 50 psi (Adjustable to 80 psi)	1.50 GPM
DGF1BAAACXB	Single Loop	Prewire	Without	Dry Contact	Standard: 30 to 50 psi (Adjustable to 80 psi)	3.75 GPM
DGF1BAXACXB	Single Loop	Prewire	Without	None	Standard: 30 to 50 psi (Adjustable to 80 psi)	1.50 GPM
DGF1BAXBCXB	Single Loop	Prewire	Without	None	Low: 5 to 10 psi (Adjustable to 35 psi)	1.50 GPM
DGF1BBAACXB	Single Loop	Prewire	With	Dry Contact	Standard: 30 to 50 psi (Adjustable to 80 psi)	1.50 GPM
DGF1BBABCAB	Single Loop	Prewire	With	Dry Contact	Low: 5 to 10 psi (Adjustable to 35 psi)	1.50 GPM
DGF1BBABCXB	Single Loop	Prewire	With	Dry Contact	Low: 5 to 10 psi (Adjustable to 35 psi)	1.50 GPM
DGF1BBABEXB	Single Loop	Prewire	With	Dry Contact	Low: 5 to 10 psi (Adjustable to 35 psi)	3.75 GPM
DGF1BBXACXB	Single Loop	Prewire	With	None	Standard: 30 to 50 psi (Adjustable to 80 psi)	1.50 GPM

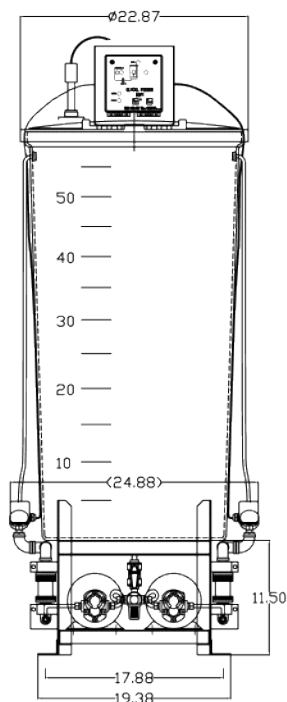
Not all available models are shown

ENGINEERING DATA

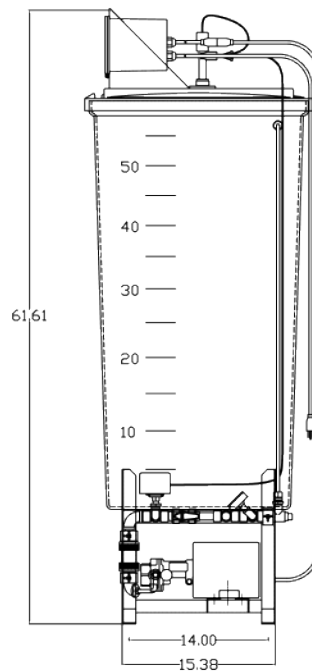
Operating Temperature	32°F to 122°F / (0°C to 50°C)
Enclosure	NEMA 4X

DIMENSIONS

Front View



Side View



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