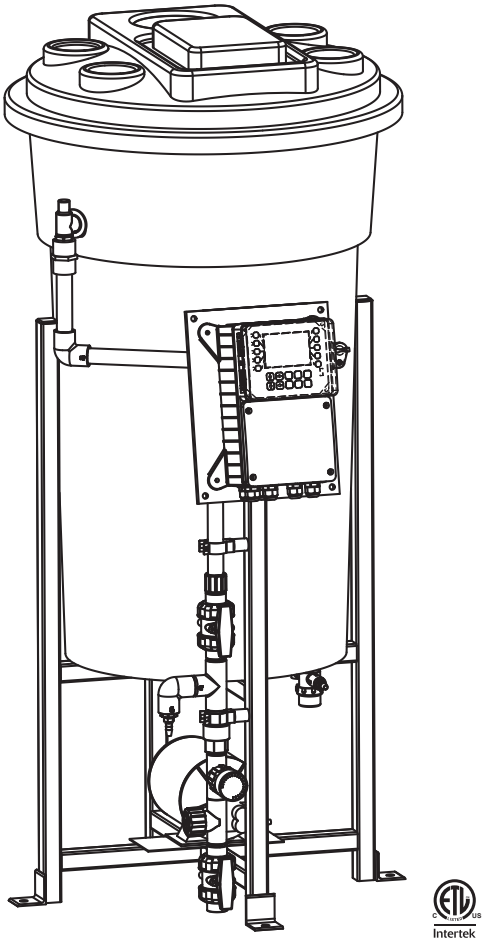
Advantage Controls — Data Sheet

# Digital Glycol Feeder



***For Closed Loop Systems Now With MegaTron XS & Nano-N Controller Options***

## Key Features

- Digitally Displayed Pressure
- Simple Set Point Control
- Low Level Pump Cut Off
- Audible Alarm
- High Flow Feed Pump
- Preplumbed and Prewired
- ETL Approved (XS models)
- 3mil Powdercoated Steel Frame
- Multi System
- Optional BMS Interface

## Application

Our glycol feeders maintain a consistent pressure in closed loop systems automatically feeding based on a pressure drop.

Digitally displays the actual pressure of the loop and has a user settable control point for pump activation and pressure relief.

The feeder is constructed on a rugged 3mil powdercoated steel frame with a polyethylene tank, high flow feed pump, prewired controller, low level cut-off, audible alarm, motor starter/high amp relay and preplumbed piping assembly with pressure gauge, pressure transducer, back check and relief valve.

Optional: Dry contact output for low tank level and pump on, plus BACnet and ModBus compatibility.

## BUILD A MODEL

GF - __ __ __ __ __ __ - __

### TANK SELECTION
1 = 55 gal (208L) poly
2 = 100 gal (378L) poly
3 = 30 gal (113L) poly
4 = 50 gal (189L) carbon steel
6 = 70 gal (264L) poly
7 = 150 gal (567L) poly

### STAND SELECTION
A = Painted steel stand
B = Painted steel stand w/ mixer bracket

### PUMP SELECTION
*Dual pump sys. require 2 pump selections (i.e., -11)
0 = No pump
1 = 2 gpm at 150 PSI; ⅓ hp
2 = 3.3 gpm at 150 PSI; ½ hp
3 = 5.5 gpm at 100 PSI; ½ hp
4 = 10 gpm at 100 PSI; 1 hp

### PUMP CONFIGURATION
A = Standard configuration
B = Alternating pumps for single loops (requires 2 pump selections)
C = Pump plumbed for transfer duty into tank

### LOOP SELECTION
*Dual loop sys. require 2 loop selections (i.e., -11)
0 = No loop
1 = Sch 80 PVC loop; 100 PSI max; 100°F max
2 = Copper loop; 100 PSI max; 180°F max
3 = Carbon steel loop; 100 PSI max

### CONTROL SELECTION
M = ETL listed NANO-N with alarm buzzer & contact, single loop
G = Pre-configured ETL listed XS Series controller prewired for a single pump system.
H = Pre-configured ETL listed XS Series controller prewired for a dual pump system.
D = Pressure transducer, level wand, & pump starter relay for use w/ separately ordered MegaTron w/ 4-20mA input ability
E = No controller or pressure sensor with just an On/Off switch for the pump.

### OPTIONS
1 = 240V
5 = Position back check to use tank for expansion
C1 = Communications card **Internet** (XS controller only)
C11 = Communications card **Modbus** TCP/IP
C12 = Communications card **BacNet** TCP/IP (read only)
C22 = Communications card **BacNet** (read/write)
H = 0-200 PSI pressure transducer and gauge
M = Mixer controls (order mixer separate)
O4 = Four 4-20mA outputs (XS controller only)
S = On/Off switch for pump only (already included with control option E)
R = Roller casters added to stand

# Specifications

**Electrical**
- Input 120 VAC, 60 Hz
- Alarm Dry Contact

**Plumbing**
- Standard Schedule 80 PVC
- Optional Copper or Black Iron

**Controller Enclosure**
Heavy duty NEMA 4X style, thermoplastic with padlockable gasketed Lexan viewing door

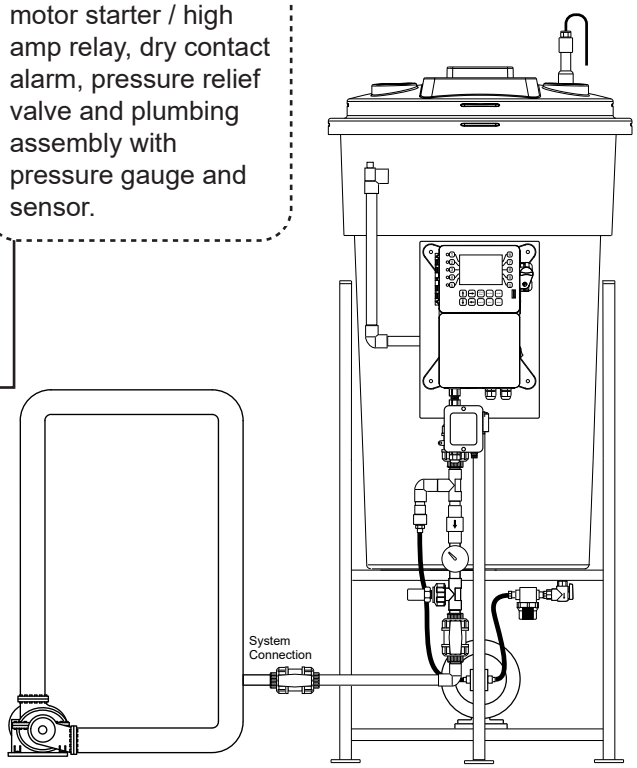
**Pump**
Rotary vane style motor driven pump with brass head and Nitrile elastomer.

**Pressure Gauge** 0-100 psi (0-6.9 bar)

**Dimensions** (55 gal XS model)
W 27.5” (69.8 cm)
H 65” (165.1 cm)
D 32” (81.2 cm)

**Shipping Weight** of GF-1A1A1G
160 lbs (77.57 kg) approx.
**Note:** Options can change model’s weight.

Most units include poly tank and stand, low level switch with audible alarm (100db), motor starter / high amp relay, dry contact alarm, pressure relief valve and plumbing assembly with pressure gauge and sensor.




*Get the Advantage*

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