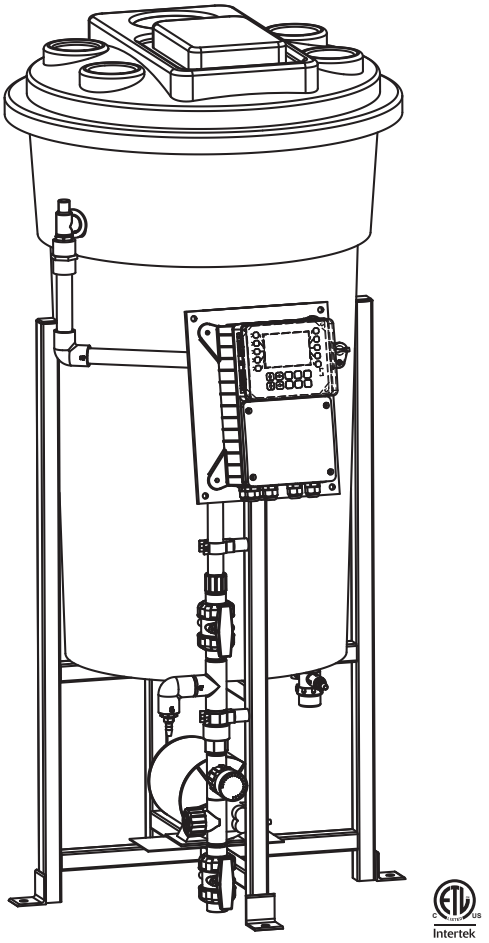
Advantage Controls — Data Sheet

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 or 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 sensor; 100°F max
2 = Copper loop; 100 PSI sensor; 180°F max
3 = Carbon steel loop; 100 PSI sensor; 212°F max
4 = SS loop, 100 PSI sensor; 212°F 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

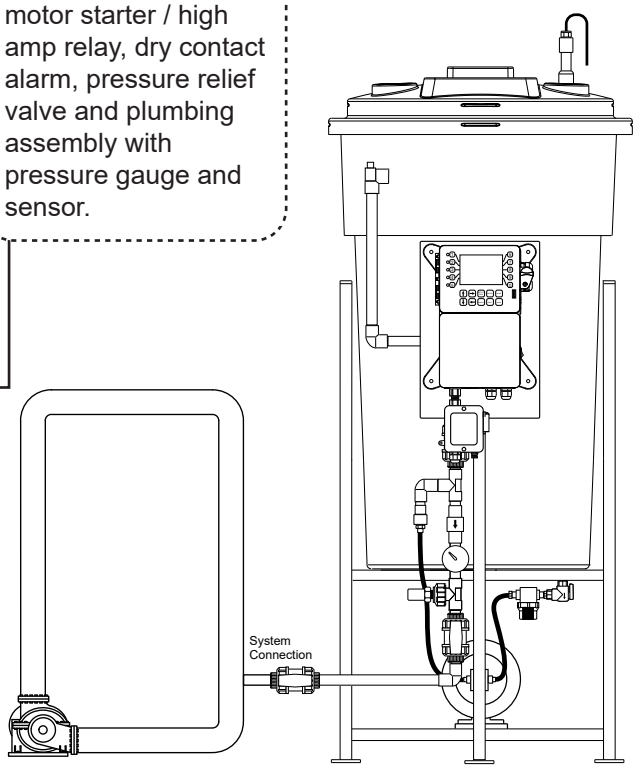
Pump
Rotary vane style motor driven pump with brass head and Nitrile elastomer.

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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01/2026