

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

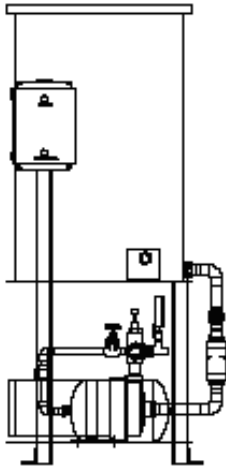
DATE:

CONTRACTOR:

APPROVED BY:

DATE:

Simplex Glycol Make-Up Unit (GMU)



DESCRIPTION

- The GMU automatically maintains minimum system pressure.
- Glycol addition is controlled by a pressure switch.
- Low level alarm contact.

SPECIFICATION

Furnish and install as shown on the plans and specifications a packaged, automatic glycol solution make up unit model GMU as manufactured by Bell & Gossett or approved equal. The package shall consist of a base, polyethylene reservoir with removable lid, visible solution level scale in gallons and liters, y-strainer, isolation valve, pump, open drip-proof motor, pump isolation, check and balance valve, expansion tank, discharge pressure gage, motor contactor and control circuit in a NEMA 1 panel, and necessary interconnecting piping. Green light shall indicate power supplied to unit. Pump shall start based on falling pressure. System shall require a 115/1/60 single power connection and a 3/4" NPT system piping connection. GMU shall provide (10, 5) GPM and maintain a fill pressure of (30, 60) PSI. Unit includes low level cutout, with red indicator light and 110V contact for alarm indication, to stop the pump during low level condition. Contractor shall furnish application specific pressure reducing valve between GMU and connection to the system piping.

GMU-30 with Steel Pipe and Fittings **OR**

GMU-30P with PVC Pipe and Fittings

- Pump: Model 3530, 1 x 1 1/4 x 6 10GPM@70' TDH 1/2HP, 3600 RPM

- Tank: Rotonics, Model CT-55

- Diaphragm Tank: PT-5

- Low Water Cut Off: RB-122

- Pressure Switch/Starter: Square D, Class 9013, FSW49

- Y-Strainer: Hoffman, Model 415C

- 3D Valve: 3DX-1

- Pressure Gauge: 0 - 60 PSI, 3/2" Dial

- System Outlet: 3/4" NPT

GMU-60 with Steel Pipe and Fittings **OR**

GMU-60P with PVC Pipe and Fittings

- Pump: Model 3HM04N05M6BBQEBP, 5GPM@138' TDH 3/4HP, 3600 RPM

- Tank: Rotonics, Model CT-55

- Diaphragm Tank: PT-5

- Low Water Cut Off: RB-122

- Pressure Switch/Starter: Square D, Class 9013, FSW49

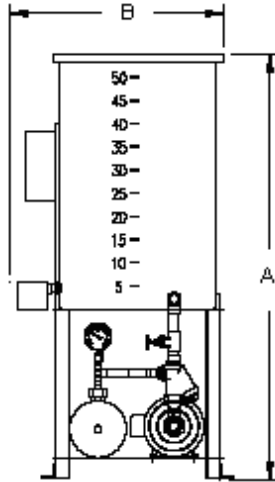
- Y-Strainer: Hoffman, Model 415C

- 3D Valve: 3DX-1

- Pressure Gauge: 0 - 60 PSI, 3/2" Dial

- System Outlet: 3/4" NPT

Dimensions - Inches



Maximum Weight: 160 LBS

Model Number	Capacity (GPM@psi)	Tank Size	Dimensions - Inches		Pressure Range (psi)	System Connection
			A	B		
GMU-30	10@30	55 Gallon	58	30	3-30	¼ NPT
GMU-30P	10@30	55 Gallon	60	30	3-30	¼ NPT
GMU-60	5@60	55 Gallon	58	30	10-60	¼ NPT
GMU-60P	5@60	55 Gallon	60	30	10-60	¼ NPT