

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NUMBER:

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Glycol Make-Up Unit (GMU560P, GMU560S)

The Pressurized Solution for Closed-Hydronic Heating or Cooling Systems

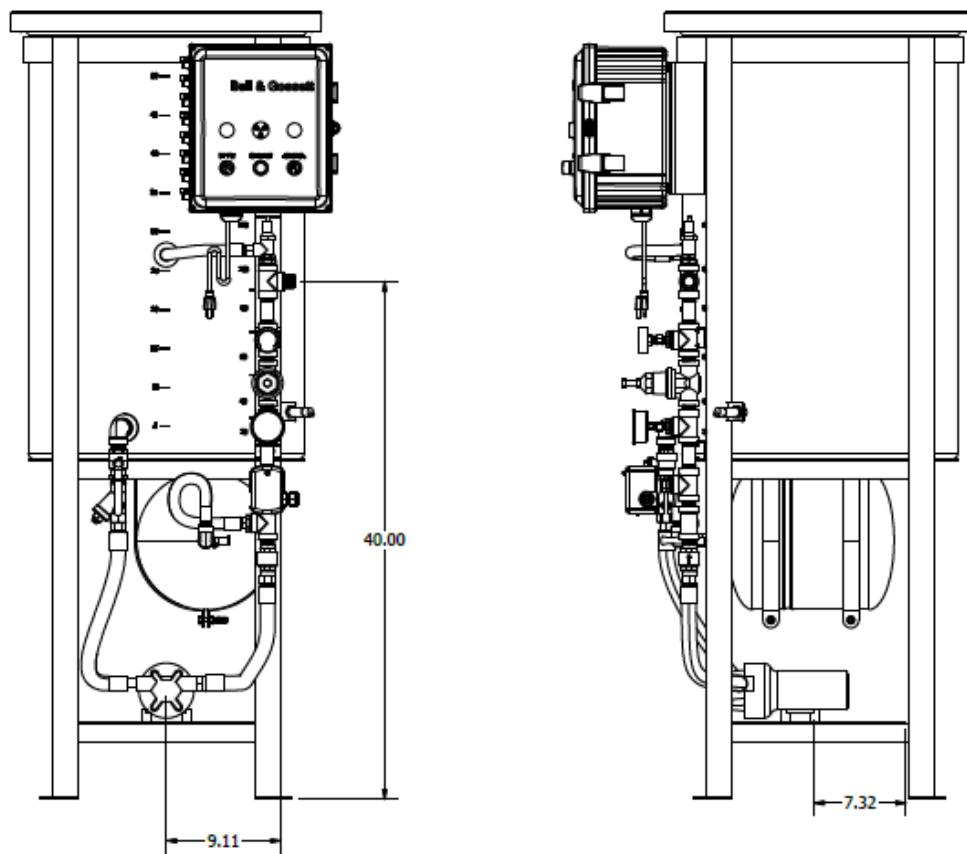
DESCRIPTION

The Bell & Gossett Glycol Make-up Units, part numbers GMU560P and GMU560S, are automated systems designed to add water or a water-glycol mix to a closed loop heating, chilled water, process, snowmelt or radiant heat system.

SPECIFICATION

Furnish and install as shown on the plans and specifications a packaged, automatic glycol solution make up unit model GMU560P/GMU560S 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, TENV motor, pressure relief valve, pressure reducing valve, expansion tank (5 gallon), discharge pressure gage, motor contactor and control circuit in a NEMA 4X panel, and necessary interconnecting piping. Green light shall indicate power supplied to the unit, an additional light shall indicate pump run status. The control panel shall also include a system on-off switch and hand-off-auto switch. Pump shall start based on falling pressure. System shall require a 115/1/60 single power connection and a 3/4" MNPT system piping connection. GMU shall provide up to 6 GPM at open flow and maintain a max fill pressure of 60 PSI. Unit includes low level cutout, with red indicator light and horn for alarm indication, to stop the pump during low level condition.

- ☐ GMU560P (with PVC pipe and fittings):
 - Pump: VersiJet series diaphragm pump manufactured by FloJet
 - Tank: 55 gallon HDPE
 - Accumulator Tank: 5 gallon (3 gallon fluid volume)
 - Low Water Cut Off: proximity sensor
 - Spun-welded connection on suction side
 - Y-Strainer: pressure reducing valve, pressure relief valve included
 - 3/4" MNPT system connection
- ☐ GMU560S (with metallic piping and fittings):
 - Pump: VersiJet series diaphragm pump manufactured by FloJet
 - Tank: 55 gallon HDPE
 - Accumulator Tank: 5 gallon (3 gallon fluid volume)
 - Low Water Cut Off: proximity sensor
 - Spun-welded connection on suction side
 - Y-Strainer: pressure reducing valve, pressure relief valve included
 - 3/4" MNPT system connection



Specifications

Max Flow	6 GPM (open flow)
Max Liquid Temperature	GMU560P 85° F GMU560S 150° F
Cut-In	10-40 PSI
Cut-Out	20-60 PSI
Differential Range	10-30 PSI
Power	115 VAC
Pump	Glass filled nylon diaphragm pump
Discharge Port	3/4" MNPT
Storage Tank	55 gallon HDPE
Accumulator Tank	5 gallon (3 gallon fluid volume)



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Learn more about
the GMU

