

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NUMBER:

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



Glycol Make-Up Unit (GF60)

The Pressurized Solution for Closed-Hydronic Heating or Cooling Systems

DESCRIPTION

The Bell & Gossett Glycol Make-up Unit (GF60) is an automated 110V diaphragm pump with digital control. Each engineered package is designed to maintain critical minimum pressure levels. It comes with everything required for easy installation.* The automated system operates as needed to add water or water-glycol solution to a closed loop heating, chilled water, process, snowmelt or radiant heat system. (Not for potable water use.)

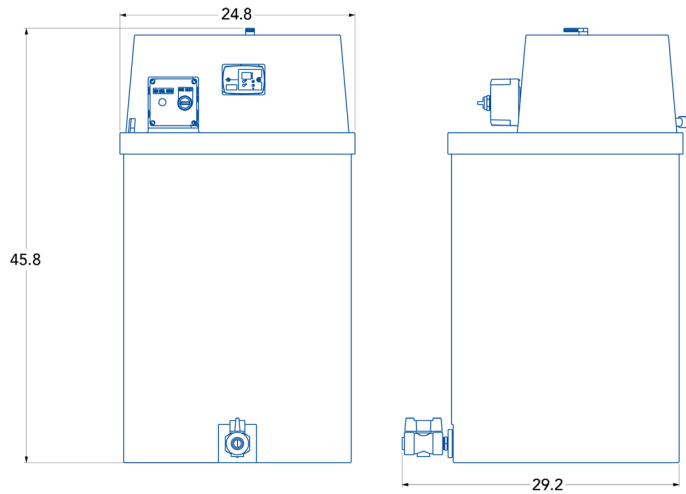
*GF60 requires a 115/1/60 single power connection and a 1/2" NPT system piping connection.

SPECIFICATION

Furnish and install as shown in the GF60 Instruction Manual (IM349). The GF60 is an engineered packaged, automatic glycol solution make-up unit model GF60 as manufactured by Bell & Gossett or approved equal. The package shall consist of a base, polyethylene diaphragm reservoir with removable lid. It features an 115V digital pressure switch, pump strainer kit (glass filled nylon 5 gpm pump, polypropylene fittings kit and polypropylene/polysulfone inline strainer - 3/8" FNPT x 3/8" FNPT, stainless steel, 40 mesh), brass pressure reducing valve, brass air vent valve, 1/2" MNPT output port, 2" manual refill port, 1" FNPT drain valve,. An optional fill valve is available. Green light shall indicate power supplied to unit. Pump shall start based on falling pressure. System shall require a 115/1/60 power connection and 1/2" NPT system piping connection. GF60 shall provide 5 GPM and operate with a minimum 7.5 psi to maximum 70 psi. Unit includes low level cut in (10-45 psi)/cut out (20-70 psi) with red indicator light and 110V contact for alarm indication and PVC float switch, to stop the pump during low level condition. Pressure reducing valve (PRV) included in package construction.

- GF60 with PVC Pipe and Fittings:
 - Pump: VersiJet Series diaphragm pump, 5GPM@138' TDH, 3/4HP, 3600 RPM
 - Tank: 60GAL HDPE
 - Accumulator tank: Flojet 30573-000
 - Low Water Cut Off: RB-122
 - Digital pressure switch: T-Kit Switchmatic 2
 - Y-Strainer: Hoffman, Model 415C
 - 3D Valve: 3DX-1
 - System Outlet: 1/2" NPT

Dimensions (inches)



Specifications

Max Flow	5 GPM
Max Liquid Temperature	122°/50°C
Max Ambient Temp	140°/60°C
Min/Max psi	7-1/2 psi/70 psi
Cut In	10-45 psi
Cut Out	20-70 psi
Cut In/Cut Out Minimum Differential Pressure	7-1/2 psi
Power	Standard 115 VAC
Pump Strainer Kit	
- 5GPM Pump	Glass filled nylon
- Fittings Kit	Polypropylene
- Inline Strainer	Polypropylene + Polysulfone, 3/8" FNPT x 3/8" FNPT, Stainless Steel, 40 mesh
Discharge/Delivery Port	1/2" MNPT
Manual Refill Port	2"
Drain Valve	1" FNPT
Pressure Setting Digital Display	Switchmatic 2, 115V
Accumulator Tank	Nylon (1.06 quarts/1 liter)
Float Switch	PVC
Storage Tank	60 gallon/227 liter HDPE
Storage Tank Lid	HDPE
Optional	Fill valve available



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Learn more about the GMU (GF60)

