

- Bell & Gossett's Glycol Make-up Unit provides pressurized solution to the following systems:
  - closed loop heating
  - chilled water
  - process systems
  - snowmelt
  - radiant heat
- Ideal for use as a break tank for potable water systems
- The GMU is completely automatic. Maintains minimum system pressure levels.
- Glycol addition is controlled by a pressure switch.
- Low level alarm contact
- Optional fill valve for break tank systems



# GMU Glycol Solution / Water Make-up Unit

PACKAGED SYSTEMS GROUP

# GMU Specification

Furnish and install as shown on the plans and specifications a packaged, automatic glycol solution make up unit model GMU as manufactured by Xylem Bell & Gossett or approved equal. The package shall consist of a base, polyethylene reservoir with removable lid and 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, pressure control and necessary interconnecting piping. Pump shall start based on falling pressure. Green light shall indicate power supplied to unit. System shall require a

115/1/60 single power connection and a 3/4" NPT system piping connection. GMU shall provide (10 or 5) GPM and maintain a fill pressure of (30 or 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.

Height:..... 58"  
 Diameter:..... 30-7/8"  
 Weight:..... 160 lbs.

## Reservoir

- Industrial grade polyethylene tank
- Suited for glycol solution or potable water
- 55 gallon capacity
- 2" opening on top for ventilation/fill
- Observable fluid level with scale
- Falling solution level warns of developing system leak
- Y-strainer eliminates debris from entering system

## Pump

- 10 GPM capacity at 30 psi, 1/2 HP, low pressure
- 5 GPM capacity at 60 psi, 3/4 HP, high pressure
- Operates as needed to restore system pressure with the solution contained in the unit's reservoir.

## Pressure Control

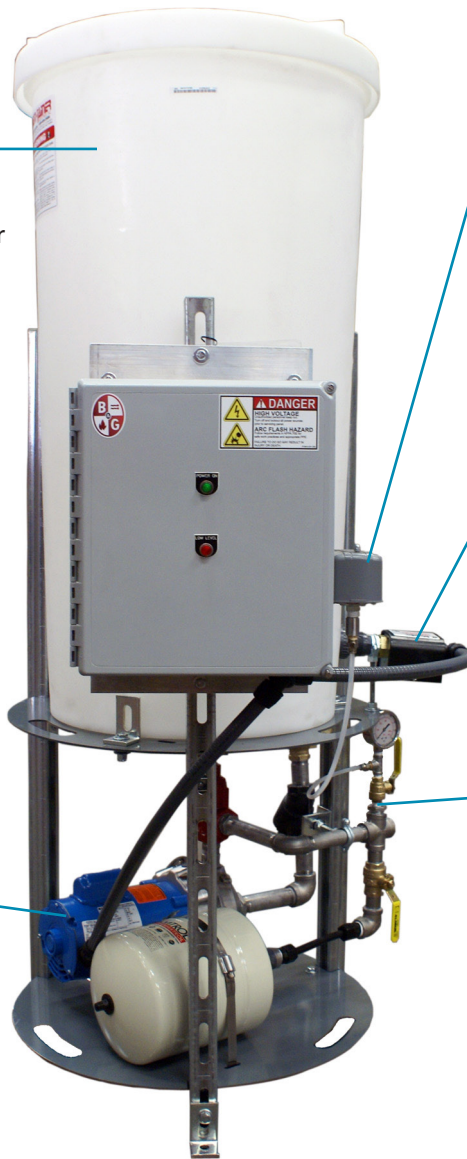
- Cut off provides protection from excess pressure
- Cut in 3-10 psi, cut out 9-30 psi for GMU30
- Cut in 10-45 psi, cut out 20-60 psi for GMU60

## Low Level Protection

- Safely shuts down pump when solution level is low
- Remote alarm contact
- Red indicator light

## Triple Duty Valve

- Shut-off
- Non-slam check
- Calibrated balance valve



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