Economy Glycol Feed System

Neptune Glycol Feeders are perfect for adding glycol solution to closed-loop chilled or hot water systems. The system automatically maintains pressure in the loop by adding glycol solution to make up for losses that occur due to leakage.

The system utilizes a triplex diaphragm pump with an integral adjustable pressure switch to control the shut-off set point for the addition of glycol over a range of 40 to 60 psi +/- 5 psi (2.8 to 4.1 bar +/- .4 bar). The pump feeds glycol into the system until the pressure set point is achieved and stops the pump. Other pressure switches are available upon request.

FEATURES AND BENEFITS
- Expansion tank
- Float switch for low-level pump shutoff
- 50-gallon (189.3 L) self-supporting translucent polyethylene tank
- Triplex diaphragm pump operating at 1.0 gpm at 40 psi (3.8 L/min at 2.8 bar) with power cord (115 VAC 60 Hz)
- 100 psi (6.9 bar) brass relief valve with PVC return line
Dimensions

EXPANSION TANK

MODEL GE-50-1

PRESSURE GAUGE

PRESSURE RELIEF VALVE

1/2" (12.7 mm)
DISCHARGE TUBING

1/2" (12.7 mm)
SUCTION TUBING

LOW-LEVEL
FLOAT SWITCH

50 GAL. (189.3 L) TANK

Model GE-50-1

Dimensions

22-1/4"
(565.2 mm)

50"
(1,270 mm)

32-1/4"
(819.2 mm)