

COMPACT GLYCOL FEED SYSTEMS SYSTEM SPECIFICATIONS

WSS161006.A 03/15



DESCRIPTION

1.0) **AUTOMATIC GLYCOL FEED PACKAGE:** Compact glycol feed systems shall consist of a polyethylene tank, PATENT PENDING polyethylene cover with integrated funnel and 4" manway, weatherproof junction box with fuse holder, low level float switch, 0.75 GPM @ 20 PSI electric diaphragm pump with integrated pressure switch, relief valve, 3-way control valve, pressure gauge, and stainless steel plumbing.

MATERIALS

2.0) **TANK AND COVER:** The tank and cover shall be constructed from industrial grade polyethylene. The tank shall have mold-in gallon markers and a warning label. The cover shall be PATENT PENDING with integrated funnel with a 4" manway. The cover shall not require removal to fill and refill the tank. The pump, junction box, and plumbing shall be mounted to the top of the tank. (Check size below.)

- 7 Gallon system
- 10 Gallon system
- 17 Gallon system

2.1) **PUMP:** Pump shall be a reciprocating diaphragm style pump with built-in suction and discharge check valves. Pump shall be capable of self-priming up to 6ft. The pump will be capable of delivering 0.75 GPM @ 20 PSI. Pump is designed for 110/120 VAC, 1 phase, 60 hertz.

2.2) **PRESSURE SWITCH:** Pressure switch shall be integrated into the pump head with a maximum Cut-Out pressure of 45 PSI.

2.3) **JUNCTION BOX:** Junction box shall be weatherproof with a gasketed cover. The cover shall have a fuse holder such that the junction box does not have to be opened to change the fuse. The fuse shall be a 2 Amp slow blow GDL style fuse. The junction box shall have water tight cord grips for all wires and cables entering the junction box.

2.4) **PRESSURE RELIEF VALVE:** Pressure relief valve shall be constructed of brass with a silicone seal. The pressure relief valve shall relieve once the system pressure is at 60 PSI.

2.5) **OPTIONAL FEATURES:** (Check all that apply below.)

- LOW LEVEL AUDIBLE ALARM CONTROL PANEL (OPTION AL):** Audible alarm shall be 95 decibel @ 10ft with silence switch, which will sound on low level. The control panel shall be rated Nema 4X including the components. The control panel shall include a low level dry contact alarm, 95 decibel audible alarm with silence switch, low level red LED indicator light, main power green indicator light, 8ft Nema 5-15P power cord, 7ft power cable to be connected to the junction box and a 9ft low level dry contact output cable with circular connector for easy removal if not used.
- WALL MOUNT BRACKET (OPTION CWB):** The wall mount bracket for the Compact Glycol shall be constructed from 14 gauge carbon steel and powder coated. The bracket shall have the mounting holes 16" on center to allow for mounting directly to studs.

3.0) **WARRANTY:** Wingert Glycol Feed Systems are warranted against manufacturing defects in material and workmanship for one year from the date of shipment. Applications outside the service for which the product is designed will automatically void any warranty. J.L. Wingert Co. will repair or replace a defective unit when returned to the factory with transportation prepaid. Final determination will be made upon inspection. J.L. Wingert Co. assumes no liability for labor and/or other expenses in making repairs or adjustments. All replacements will be F.O.B. factory. There are no other implied or expressed warranties.

The pump is not manufactured by J.L. Wingert Co. and thus is warranted by the original manufacturer. Repair or replacement is contingent upon inspection and determination by the original manufacturer. Their findings are final and beyond our control.