DESCRIPTION

1.0) AUTOMATIC HIGH TEMP GLYCOL FEED PACKAGE: Glycol Feed Package shall consist of a 12GA carbon steel tank, hinged carbon steel lid, carbon steel frame, NEMA 4X control panel, low level float switch, 1/3HP open motor bronze rotary vane pump with internal relief valve, pressure switch, relief valve, check valve, threaded carbon steel plumbing, and high temperature hoses.

MATERIALS

2.0) TANK AND FRAME: Carbon steel tank shall be minimum 12GA with 1/3 hinged carbon steel lid. Tank frame shall be constructed of carbon steel with bracing for plumbing and control panel. Tank frame shall have 12GA pump mount shelf and be coated with epoxy paint.

2.1) PUMP: Pump shall be close coupled with internal pressure relief valve. Standard pump will be capable of 1.6GPM @ 100PSI. Pump motor is 1/3HP, 110/120V, 1 phase, 60 hertz, open drip proof type and will be wired to control panel.

2.2) PRESSURE SWITCH: Pressure switch shall be Square D brand series 9013, designed for pressures as indicated in table. Pressure switch will be prewired to the control panel to turn the pump on and off based on rising and falling pressure settings. (Check one.)

   - 1 (10-40 cut-in, 20-60 cut-out, 10-30 pressure differential)
   - 2 (40-80 cut-in, 65-100 cut-out, 20-40 pressure differential)
   - 3 (3-10 cut-in, 9-30 cut-out, 6-20 pressure differential)
   - D (0-149 cut-in, 1-150 cut-out, 1-149 pressure differential)

2.3) CONTROL PANEL: Polycarbonate NEMA control panel shall be of ample size for equipment needed and servicing of electrical components. All exterior components shall be rated NEMA 4X and installed per manufacturers instructions. Wiring and wiring diagram shall be color-coded for easy trouble shooting. All internal wire shall be 16-gauge minimum. Controls are, but not limited to, main power switch and indicator light, pump hand/off/auto switch and indicator light, and red low-level indicator light.

2.4) PRESSURE RELIEF VALVE: Pressure relief valve shall be bronze body, bronze seat and a stainless steel spring.

2.5) CHECK VALVE: Check valve is constructed of bronze, EPDM seat and a stainless steel spring.

2.6) LOW LEVEL SWITCH: Polypropylene low level switch shall be interlocked with pump feed and low level indicator. Low level will stop all pump operations when level falls below the factory set point.

2.7) OPTIONAL FEATURES: (Check all that apply.)

   - 1/2HP PUMP: Pump shall be close coupled with internal pressure relief valve. Pump will be capable of 3.6GPM @ 100PSI. Pump motor is 1/2HP, 110/120V, 1 phase, 60 hertz, open drip proof type and will be wired to control panel.
   - AUDIBLE ALARM: Audible alarm shall be 95 decibel @ 10FT with silence switch, which will sound on low level.
   - DRY CONTACT: Dry contact shall be SPST NO switch, which is wired to level switch for control room signal.

3.0) WARRANTY: Wingert Glycol Feed Packages are guaranteed for one year from the date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace defective material when returned to our factory with transportation prepaid: providing that the material is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments. All replacements will be F.O.B. factory.