

## Duplex 100 Gallon Glycol Feed Unit

Duplex glycol feed units are designed to provide an automated supply of water-glycol mix to two separate cooling or heating closed loop systems. Units are factory engineered, assembled and tested with easy plug and run capability. Units are compact and self-contained with a small footprint for ease of installation and operation.



### STANDARD FEATURES:

- **UL / CUL 508A Control Panel**  
Factory wired including type 4x enclosure. Audible alarm for low level. Selector switches with pilot lights for power, pump and alarm.
- **Pressure Pumps**  
1/3HP 2 GPM @ 100PSI with built-in inlet strainer.
- **Low Level Cut-out Float Switch**  
System shut-down to prevent pumps from running dry with visual and audible alarm including dry contacts for remote alarm.
- **100 Gallon Tank**  
Tank is heavy duty polyethylene with a graduated capacity scale and is supported on a powder coated structural steel support stand.
- **Brass Discharge and Suction Piping**  
Includes high pressure relief valves, pressure switches, check valves, pressure gauges and suction isolation valves.

### OPTIONS:

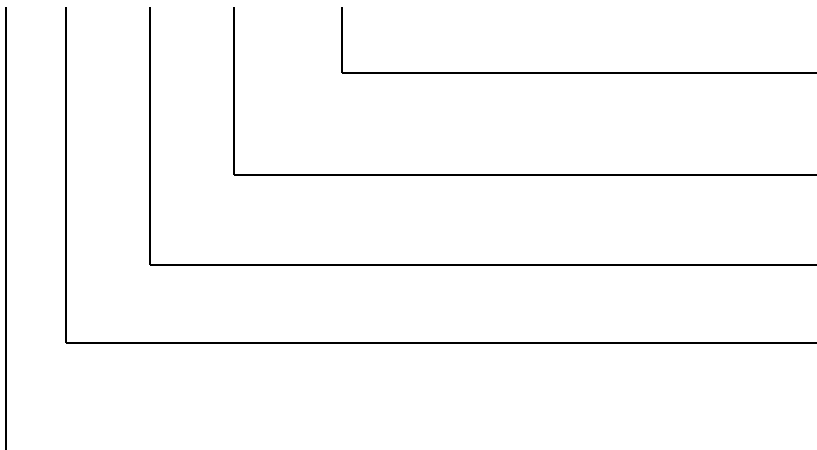
- **AMT:** Timed mixing loop
- **ET:** Expansion tank 2 gallon
- **SET:** Expansion tank 2 gallon stainless steel
- **HFP:** High flow pump 4.5 GPM & 100PSI
- **HLA:** High level alarm
- **ALT:** Pump alternation (duplex units only)
- **ET-PRV:** Expansion tank with PRV 8-50 psi

### SPECIFICATIONS:

<u>MODEL</u>	<u>SIZE</u>	<u>HP</u>	<u>VOLTAGE</u>	<u>PRESSURE</u>
D-100-100-2-PEFS	Duplex	(2) 1/3hp	110v / 1PH / 60hz	Cut in 10-45 PSI / 10-30 PSI Differential

**Model Number**

**D-100-100-2-PEFS**



**SYSTEM**  
PEFS - Polyethylene Feed System

**PUMP**  
2 - 1/3 hp pump, 2 GPM

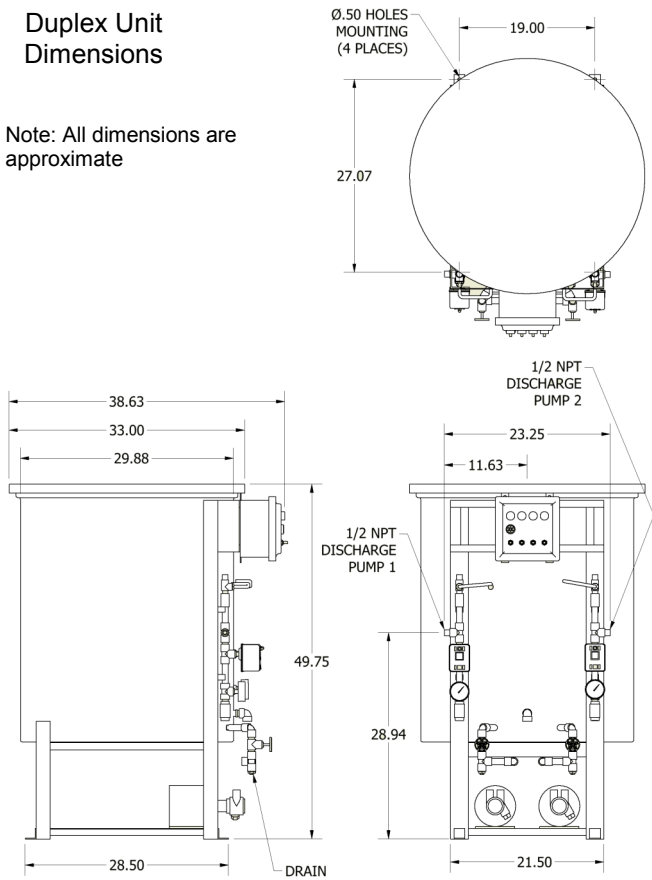
**PRESSURE RANGE**  
100 - 100 PSIG

**TANK SIZE**  
100 - 100 Gallon Polyethylene

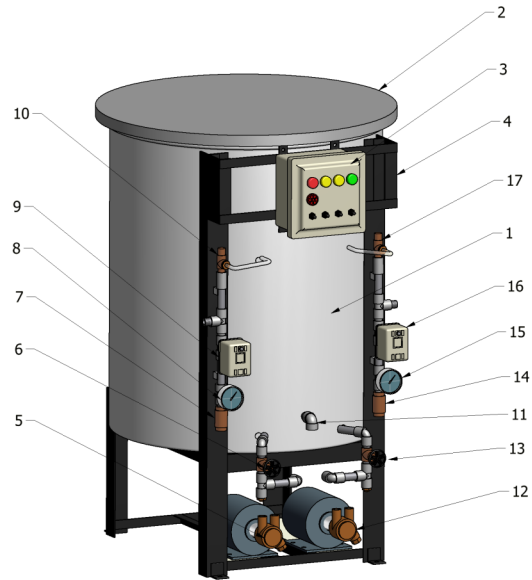
**UNIT STYLE**  
D - Duplex Pump Station

**Duplex Unit Dimensions**

Note: All dimensions are approximate



- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 1 TANK POLYETHYLENE 100 GALLONS    | 9 PRESSURE SWITCH - PUMP 1          |
| 2 COVER POLYETHYLENE HINGED        | 10 PRESSURE RELIEF VALVE - PUMP 1   |
| 3 ELECTRICAL PANEL UL/CUL 508A     | 11 FLOAT SWITCH (LOW LEVEL)         |
| 4 BASE ASSEMBLY                    | 12 PUMP 2 ASSEMBLY                  |
| 5 PUMP 1 ASSEMBLY                  | 13 SUCTION ISOLATION VALVE - PUMP 2 |
| 6 SUCTION ISOLATION VALVE - PUMP 1 | 14 CHECK VALVE - PUMP 2             |
| 7 CHECK VALVE - PUMP 1             | 15 PRESSURE GAUGE - PUMP 2          |
| 8 PRESSURE GAUGE - PUMP 1          | 16 PRESSURE SWITCH - PUMP 2         |
|                                    | 17 PRESSURE RELIEF VALVE - PUMP 2   |



*The specifications contained in this bulletin were effective at the time of publishing. We reserve the right to discontinue products at any time or to change specifications or design without incurring any obligation.*



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