LIQUIDPULSE

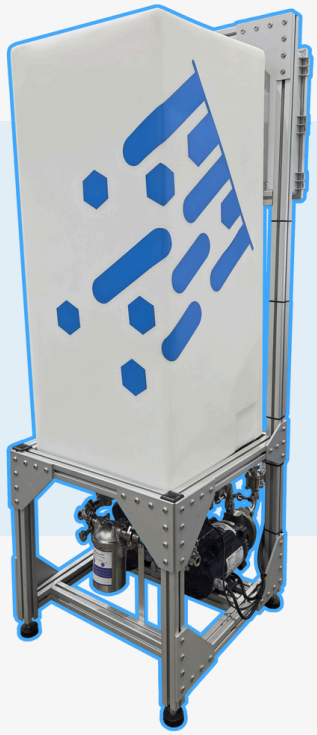
# DC GLYCOL FEEDER

The Liquidpulse stainless steel glycol feeder system is engineered to maintain consistent pressure in closed-loop data center cooling systems using propylene glycol.

Designed specifically for data center environments, the system features automatic pressure regulation via a pressure switch, with a redundant pump for increased reliability.

It includes a pressure control valve, relief valve, and an non-ferrous wetted assembly with data center-approved thread sealant to ensure a leak-free operation.

Using UL508A-certified NEMA 4X control panel, this feeder system is the ideal solution for maintaining uptime and fluid integrity in mission-critical cooling applications.



- 25 µm filter
- 5 GPM @ 115' TDH
- N+1 pump configuration
- 120 VAC NEMA 4X control panel
- 3/4" sanitary tri-clamp piping outlet
- Aluminum frame and adjustable feet
- All stainless steel construction materials
- Automatic pressure control and level monitoring
- NSF-61 rated 55-gallon or 100-gallon propylene glycol storage tanks

LIQUIDPULSE

# KEY FEATURES

## Duplex Pump Configuration

Dual stainless steel regenerative turbine pumps with graphite-loaded silicon carbide seals for redundancy and reliability. Each pump delivers 5 GPM @ 115' TDH.

## UL 508A Control Panel

NEMA 4X fiberglass enclosure, with pressure sequencing with pump failover, general alarm, customer loss of power and alarm dry contacts and hand-off-auto selector.

## Data Center-Grade Components

All wetted components are stainless steel or CPVC and assembled with pipe thread sealants approved for data center use.

## Glycol Reservoir

NSF-61 rated 55-gallon or 100-gallon propylene glycol storage tanks with screw top lid, monitored by a low-level float switch to protect against dry run conditions.

## Pressure Management

Includes a pressure stainless steel pressure regulating valve, stainless steel relief valve, pressure switch with separate set and reset settings, and a glycerin-filled pressure gauge for accurate system monitoring.

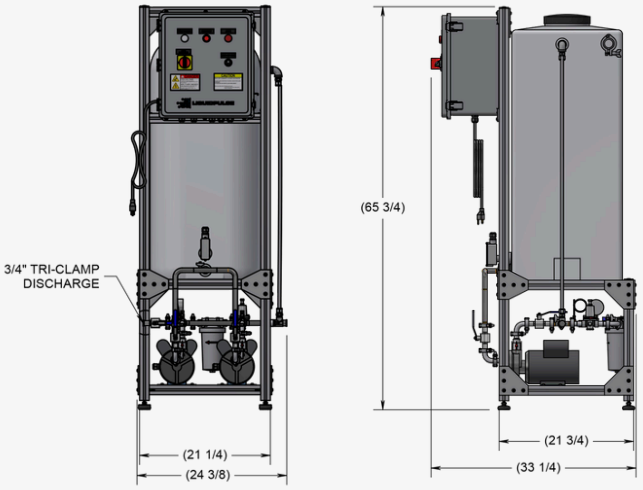
## Integrated Skid Package

Factory-assembled on a heavy-duty aluminum base with all piping, supports, wiring, and tubing pre-installed and ready for deployment.

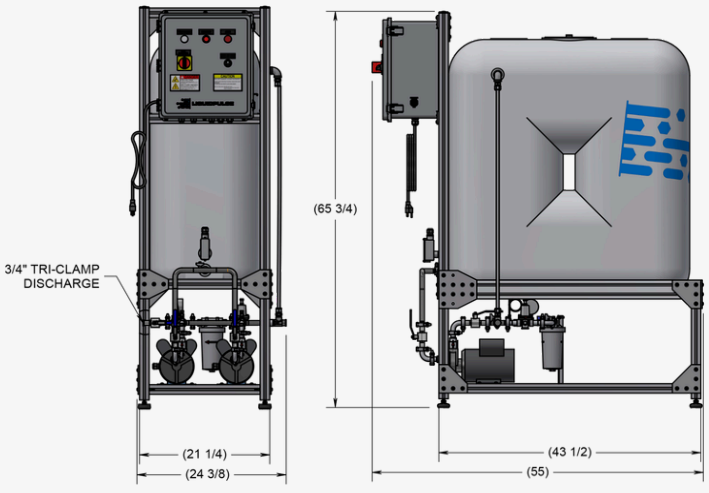
## Built for Propylene Glycol Systems

Designed to support closed-loop cooling circuits in mission-critical environments, ensuring consistent pressure and fluid make-up.

### 55 - Gallon Tank




### 100 - Gallon Tank




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