

- CDS -
Chemical Dispense Station
or
Glycol Feed System



Applications

- Automatically dispenses accurate amount of any chemical on demand.
- Metered and continuous injection of chemicals.
- Elevates and delivers chemicals and viscous fluids.
- High durability & transfer requirement with small footprint.
- Batching and mixing available.

Standard Features

- 15, 30, 55, or 100 gallon tank with hinged cover.
- 5.5, 8.5, 12 or 20 GPH automatic metering pump
- Fully wired with all piping, check valve, pressure switch, and isolation valve.
- Powder coated carbon steel skid.
- NEMA 4X control panel with ON/OFF, HOA switches and fused receptacle.
- Pump suction tubing PVC and PVC isolation ball valve.
- ½" diameter PP dispense tubing with injection valve.

Options

- Metering pump or gear pump available
- Single or dual pumps
- Automatic dispensing and filling with operator interface
- Chemical pH monitoring/transmitter
- Chemical Conductivity monitoring/transmitter
- Chemical flow rate and totalizer
- Low level alarm and sensor
- Mixer in stainless steel (1/15HP to 2HP)
- AOD pump (for high flow rates)

Sequence of Operation

- Fill tank with chemical
- Select desired flow (gallons or liters) using the interface panel, then press start button to initiate chemical dispensing
- System automatically delivers selected quantity and goes on standby

Materials of Construction

- Tank (PE or PP) with cover
- Skid (Epoxy painted steel)
- Level sensor (Polypropylene)
- Pump (PVC or PP/Teflon/viton seals)
- Pump isolation ball valve (PVC or PP)
- Plumbing (Polypropylene)

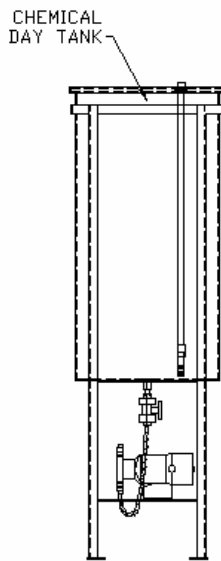
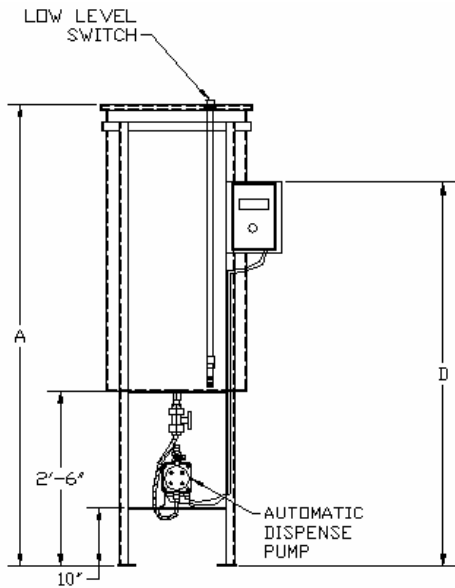
Customized Options (Contact Factory)

- Custom tank and pump sizes
- Tank level, influent/effluent flow, temperature, pressure, pH/ORP, and conductivity/resistivity monitoring and control
- Simplex & Duplex pump lift stations
- Explosion proof lift stations
- Stainless steel tanks
- PVDF systems and Teflon tubing
- PLC control & operator interface
- UL control panels

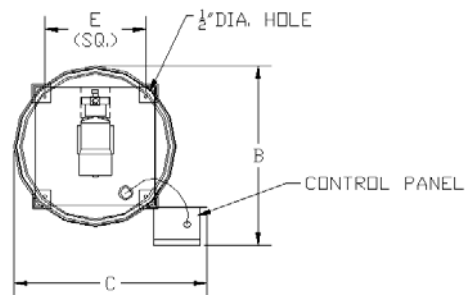


CHEMICAL DISPENSE STATIONS

MODEL NUMBER	DAY TANK CAPACITY (GAL.)	PUMP, SIZE GPH	OUTLET TUBE	DIMENSIONS (INCH)			
				A	B	C	WT
CDS-30	30	8.5	0.5	48	22	22	129
CDS-55	55	8.5	0.5	54	24	24	148
CDS-100	100	8.5	0.5	65	30	30	215



Options	Part # Suffix
pH Monitoring	-PH
Conductivity Monitoring	-CD
Auto Fill with batch control	-AF
Flow Totalizer/Monitor	-FT
Low Level Alarm	-LA
Mixer w/ ON/OFF switch	-MX



WASTECH firmly backs up all system design and equipment selections as the most effective way to provide our clients reliable and long-term performance capabilities. We guarantee performance and total satisfaction of the **CDS** system.

Wastech Controls & Engineering, Inc. is the industry leader in custom design, engineering, and manufacturing of a wide variety of industrial control, state-of-the-art turn-key systems, in the areas of chemical handling and process automation. Whether your project is large or small, we have the knowledge and capability to assist you with the most efficient, cost-effective, custom-designed system that best suits your operation.

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