

SOLVENT PUMP LIFT STATIONS (SPLS)



Shown: Duplex 1/2" Pumps with 32 gallon double contained tank and 2" top connection. (DSPLS-32-005-TC-DC)



Shown: Simplex 1/2" Pump with 5 gallon tank, top connection with flexible cable connection to the control panel. (SSPLS-05-005-TC-FC)



Shown: Custom duplex lift station featuring double containment with leak detection and a custom dual door enclosure.

Wastech standard stainless solvent pump lift stations are designed for safely and efficiently transferring solvents and other flammables when a gravity drain is not possible.

- Simplex (one pump) or duplex (two pumps) configuration.
- Lift station rated for Class 1 Division 1 hazardous environments.
- Lift station rated for transfer and storage of Group D solvents.
- Corrosion resistant stainless steel tank.
- Corrosion resistant stainless steel piping and valves.
- Intrinsically safe multipoint level switch assembly.
- All pump lift stations include a high-high level switch to activate a high level alarm.
- Lift stations require Wastech industrial control panels (or equivalent) to be installed in a non-classified environment. (Classified environment panel options available).
- Larger pump and tank sizes, custom configurations available, call or e-mail sales.

Standard Features

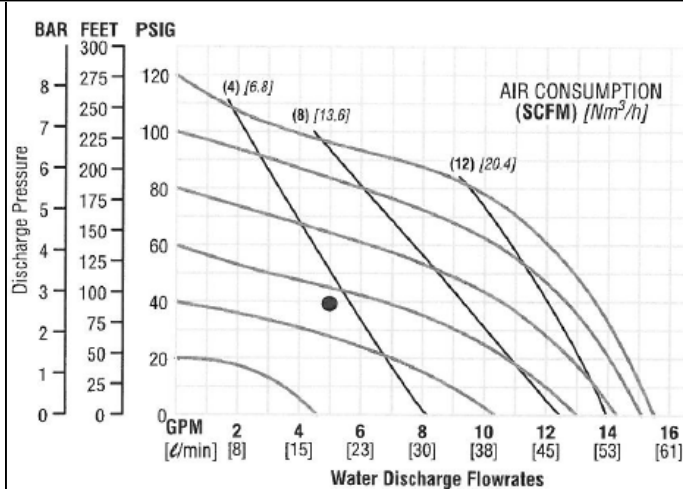
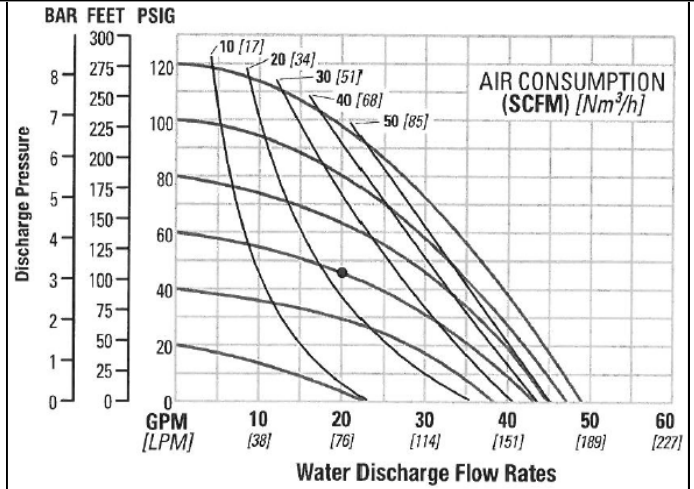
- Fabricated 304 stainless steel tank (5, 15, 30 and 60 gallon tanks standard, custom sizes available).
- 304 Stainless steel lid.
- All piping and valves are 316 stainless steel.
- One or two pumps—Air operated 316 stainless steel ATEX rated double diaphragm style.
- 2" FNPT top mount inlet connection (1" for 5 gallon tank).
- 2" FNPT top mount vent connection (1" for 5 gallon tank).
- Hatch for maintenance access.
- 316 Stainless steel Intrinsically safe multipoint float level switch assembly.

Optional Features

- Fabricated stainless steel double containment tank with float leak switch.
- 6' pre-wired flex cable to connect to remote control panel
- Side inlet connection.
- Seismic tie downs.
- Pressure relief valve downstream of the pumps to prevent system piping over pressure.
- Pulsation dampener on discharge line (simplex) or on common discharge line (duplex).

ORDERING INFORMATION

Number of Pumps (Choose One)				
SSPLS	Simplex			
DSPLS	Duplex			
Tank Volume (Choose One)				
-05	5 Gallon Fabricated Stainless Steel Tank – Simplex Configuration Only with 1/2" Pump Only			
-15	15 Gallon Fabricated Stainless Steel Tank			
-30	30 Gallon Fabricated Stainless Steel Tank			
-60	60 Gallon Fabricated Stainless Steel Tank			
Pump Size (Choose One)				
-005	1/2" Connection			
-010	1" Connection			
Inlet Connection (Choose One)				
-TC	Top Connection (2" FNPT, 1" FNPT for 5 Gallon Tank)			
-SC-XX"	Side Connection (2" FNPT,) – Specify Height From Bottom To Centerline			
Options (Choose Any)				
-PD	Pulsation Dampener w/PTFE Diaphragm			
-PR	Pressure Relief Valve Downstream of Pump Discharge			
-DC	Double Containment With Float Leak Switch			
-FC	6 FT Elec. Flex Conduit Between Lift Station and Control Panel			
-ST	Seismic Tie-Downs			
Example Part Number				
SSPLS	-05	-005	-TC	-P-DC
DSPLS	-30	-010	-SC-06"	-FC-DC-ST

PUMP PERFORMANCE CURVES

1/2" Pump Performance Curve

1" Pump Performance Curve
LEVEL SWITCH TECHNICAL INFORMATION
Approvals

FM (Factory Mutual) Class I, Div 1, Grps A,B,C & D
 Class II, Grps E,F & G
 Class III, T4



Wiring Options	Group 2 SPST	
Common Wire	None	
	NO or NC	
L1	Red	Red
L2	Yellow	Yellow
L3	Blue	Blue
L4	Brown	Brown

Group 2 SPST Independent Circuits
