

- AIR PLUS - Pump Lift Station (Air Operated Pump)



Applications

- Automatically collects and transfers corrosive wastes, process chemicals and/or solvents
- Great option when gravity drain is not available for laboratory sinks or process machines
- Elevate and deliver wastes, chemicals, solvents and fluids
- Pressurize open loop flows
- High collection & transfer requirement with small footprint

Standard Features

- Duplex or Simplex pump configurations
- PE tank and PP cover
- 50, 75, & 100 gallon tanks with 1" and 0-42 GPM stainless steel air operated diaphragm pump
- Air filter, pressure regulator, and explosion proof solenoid for each pump (100psi air provided by customer)
- Cast aluminum explosion proof junction box
- Explosion proof level switches available
- 2" FPT vent connection
 - 2" FPT fill port and 1" FPT outlet connections

Options

- PP containment tank
- Discharge surge suppressor for each pump
- High level alarm package
- Leak detection alarm package
- Remote control panel (See back page)
- Alternating pumps (only with remote control panel option)

Operation

- High level – second pump on
- Low level – first pump on
- Low-Low level – pumps off

Materials of Construction

- Tank (PE)
- Tank cover (PP)
- Tank cover gasket (Teflon)
- Mounting bolts (Stainless steel)
- Level sensors (Stainless steel)
- Pump (Stainless steel Housing with Teflon diaphragm)

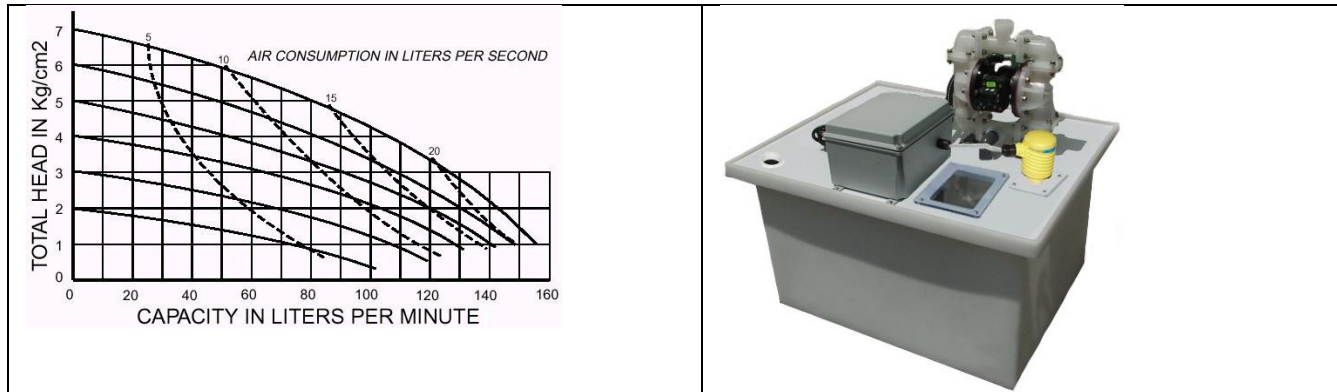
Custom System Options (Contact Factory)

- Custom tank and pump sizes
- Tank level, influent/effluent flow, temperature, pressure, pH/ORP, and conductivity/resistivity monitoring and control
- Polypropylene and PVDF systems
- PLC control & operator interface
- Industrial network communications
- UL control panels

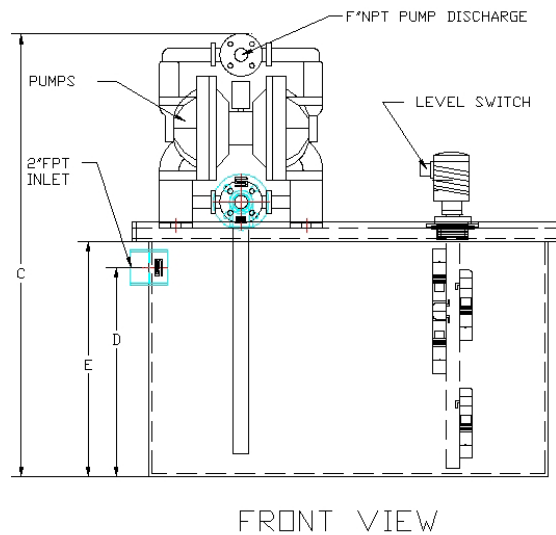
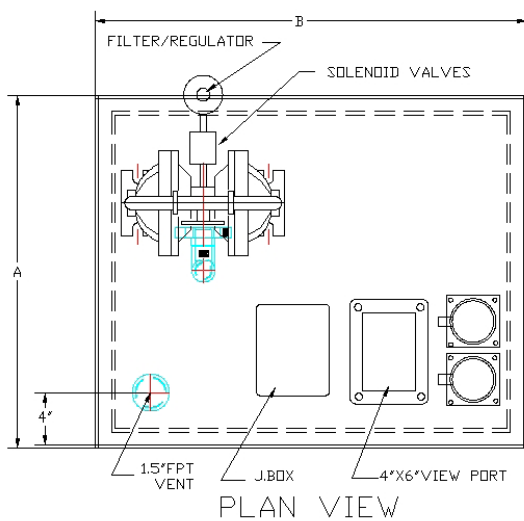


Simplex Air Pump Lift Station

	TANK VOL.	OVERAL DIM. W X L X D"	PUMP SIZE	AVG PUMP RATE GPM @ FT TDH	INLET SIZE IN	DISCHARGE SIZE IN	VENT SIZE IN	PRICE	PRICE FOR DOUBLE CONTAINED OPTION
SAOPLS-16-005	16	12 X 18 X 18	1/2	5 GPM @ 40 FT	2	0.5	1.5		
SAOPLS-32-005	32	24 X 18 X 18	1/2	5 GPM @ 40 FT	2	0.5	1.5		
SAOPLS-32-010	32	24 X 18 X 18	1	25 GPM @ 40 FT	2	1	1.5		
SAOPLS-63-010	63	36 X 20 X 20	1	25 GPM @ 40 FT	2	1	1		



MODEL #	A	B	C	D	E	F
DAODLS-16-005	22"	16"	31"	16"	18	1/2"
DAODLS-32-005	22"	28"	31"	16"	18	1/2"
DAODLS-32-010	22"	28"	31"	16"	18"	1"
DAODLS-63-010	24"	40"	34"	18"	20"	1"



DAPLS Options

Suffix	Description	Price adder
-S	Discharge Surge Suppressors (2)	Call for pricing
-H	High Level Alarm Package	
-I	Intrinsically Safe Level Switches	
-L	Leak Detection Alarm Package	

Remote Control Panel

Standard Features

- Alternate Pump Function, Lead/Lag
- NEMA 4 Enclosure
- Visual Alarm
- Alarm Dry Contact



Standard Remote Control Panel	DAPLS-CP	From \$1,200.00
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Remote Control Panel Options	Part Number Option Suffix	Price
NEMA 4X	-4X	
E-Stop Button	-ES	
Audible Alarm w/Silence Button	-A	
Pump ON Pilot Light for each pump	-P	
Push to test Pilot Light	-T	
H-O-A Switch for each pump	-H	
Reset Alarm Button	-R	
Leak Detection Interface	-I	

GENOTECH 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 guaranty performance and total satisfaction of the DAPLS system. Genotech 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