

BARNES®

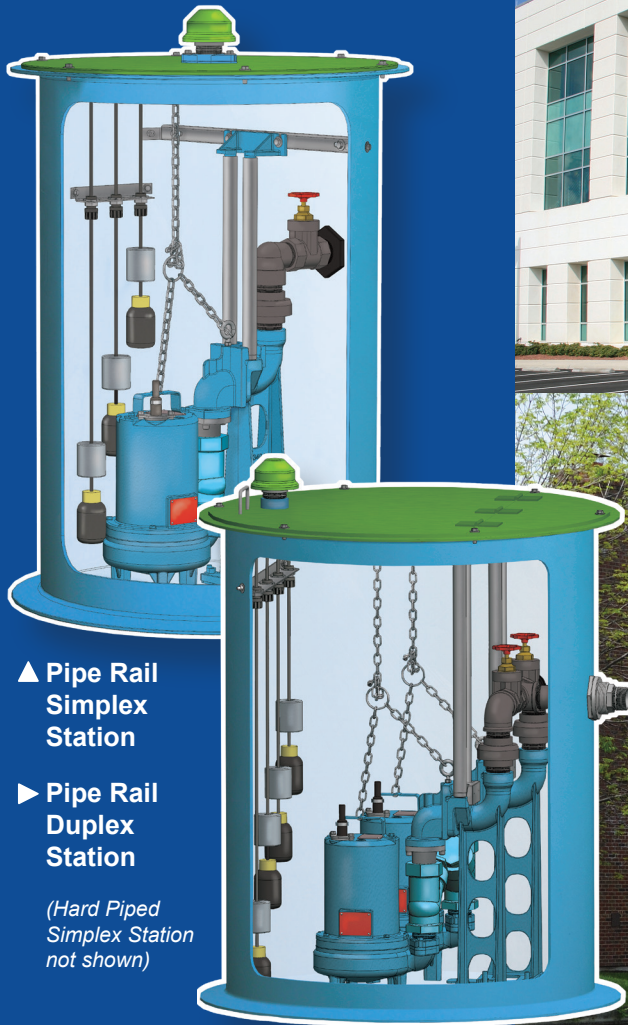
brands you trust.

FIBERGLASS LIFT STATIONS

Pipe Rail Simplex/Duplex

Hard Piped Simplex

Robust pre-assembled package with configurations for every project's needs.



▲ Pipe Rail Simplex Station

▶ Pipe Rail Duplex Station

(Hard Piped Simplex Station not shown)

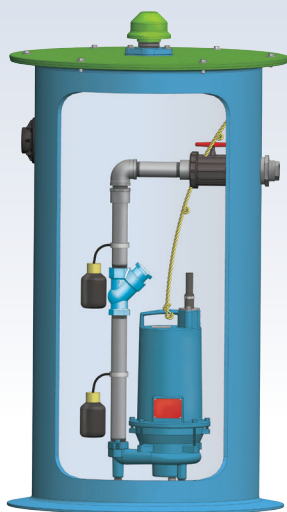


BARNES Fiberglass Lift Stations

Fiberglass Lift Stations

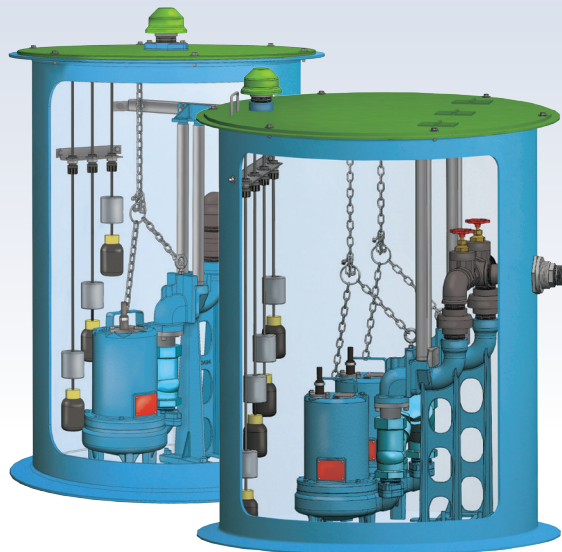
Applications range from residential and commercial construction to replacing aged lift stations to housing development. The CP&S online configurator tool and technical sales staff makes the configuration process easy to select the right pump, control panel, basin and cover for each unique application.

Hard Piped and Pipe Rail configurations are available.



◀ Hard Piped System

An economical solution equipped with a true union ball valve for shallow stations where rail systems are not required.



◀ Pipe Rail Simplex/ Duplex System

Provides ease of pump installation and maintenance using the quick disconnect breakaway fitting and stainless steel guide rails.



▲ Available in a variety of depths and diameters in both simplex and duplex configurations.



About Crane Pumps & Systems

Since 1946, Crane Pumps & Systems has been designing and manufacturing pumps, accessories and systems to provide solutions for municipal water and wastewater, residential, commercial, industrial and military pump market segments. Our trusted brands include Barnes[®], Burks[®], Crown[®], Deming[®], Prosser[®] and Weinman[®].

For more information visit:
Cranepumps.com

About Crane Co.

Crane Pumps & Systems is one of four strong business units that make up Crane Co.'s Fluid Handling segment. Crane Co. is a diversified global manufacturer of engineered industrial products traded on the New York Stock Exchange (NYSE: CR). One of its segments, Crane Fluid Handling, provides highly engineered products for fluid handling applications worldwide.

For more information visit:
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CRANE[®]

A Crane Co. Company

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brands you trust.

BARNES[®]

burks[®]

DEMING[®]

WEINMAN[®]



PROSSER[®]

Pump Options:

Barnes offers a wide variety of sewage ejectors, effluent and grinder pumps in a variety of sizes to ensure that an optimal pump is selected for the specific application. Barnes pumps offer industrial materials of construction and 120 years of reliability from a brand you can trust.

Grinders: PGPH, SGV Series

Grinder pump series have a 1.25" or 2" discharge and are best for domestic, commercial, institutional and light industrial sewage applications.



PGPH, PGPP Series
(single seal)



SGV Series
(double seal)

Sewage Ejectors: SE, SEV Series

Sewage Ejector pump series have a 2" discharge and are best for raw sewage, residential, wastewater and storm water applications.



SE Series



2SEV Series

Effluent: STEP, EH, EHV Series

Effluent pump series have a 2" discharge and are used for pumping effluent spherical solids up to 3/4" inch.



STEP Series



EH Series



EHV412

Sump: SE, EH, SEV, EHV Series

Sump pumps have a 2" discharge and are typically used in elevator dewatering and building dewatering sump applications.



SE 511 and 521 Series



SEV412 Series



EH Series



EHV412

Cover Options

Solid Fiberglass

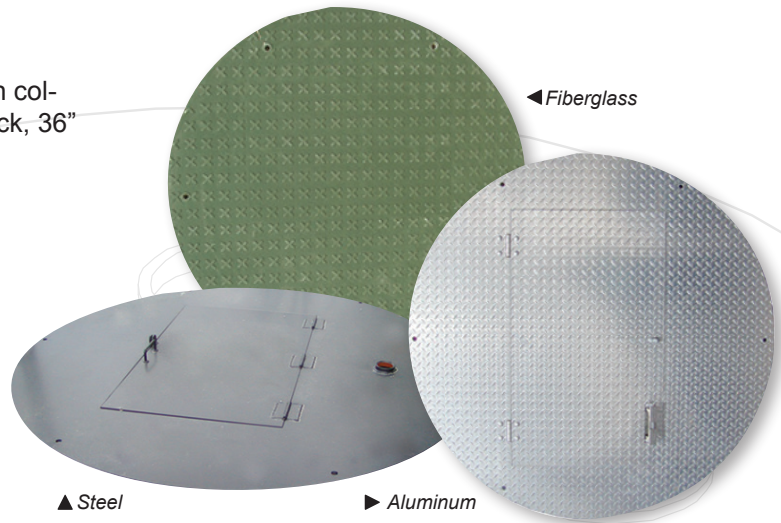
Reinforced Fiberglass Covers are grass green in color. Covers for 24" and 30" diameters are 3/8" thick, 36" diameters are 1/2" thick.

Steel

Steel cover available for pre-assembled basin, 48" diameter is 3/8" thick with black powder coating.

Aluminum Hatch

Available for basin diameters 36" or 48" diameters and are 1/4" thick.



Control Panel Options

Control Panels are available in the simplex and duplex pre-assembled pipe rail designs for SE/EH Series pumps up to 5HP and SGV pumps up to 7.5HP.

Standard

Single Phase (120V, 240V, 240V SGV w/Capacitors)

Three Phase (200/240V, 480V, 600V)

Double Seal with Moisture Detection (optional)

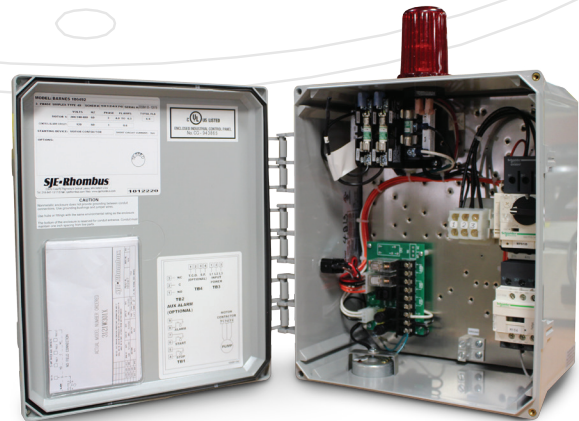
Single Phase (120V, 240V, 240V SGV w/Capacitors)

Three Phase (200/240V, 480V, 600V)

Listed by Underwriters Laboratories, simplex and duplex pump control panels provide reliable pump station operation and potential malfunction warning.

Standard Features:

- Simplex and Duplex Wall Mounted Series
- Non-metallic corrosion resistant NEMA 4x Enclosure
- Padlockable Latch
- Pump and Alarm Circuit Breakers
- IEC Rated Motor Contactor
- Pump Start Push Button
- Terminal Strip and Ground Lug for Incoming Connections
- Alarm Light and Audible Alarm with Silence

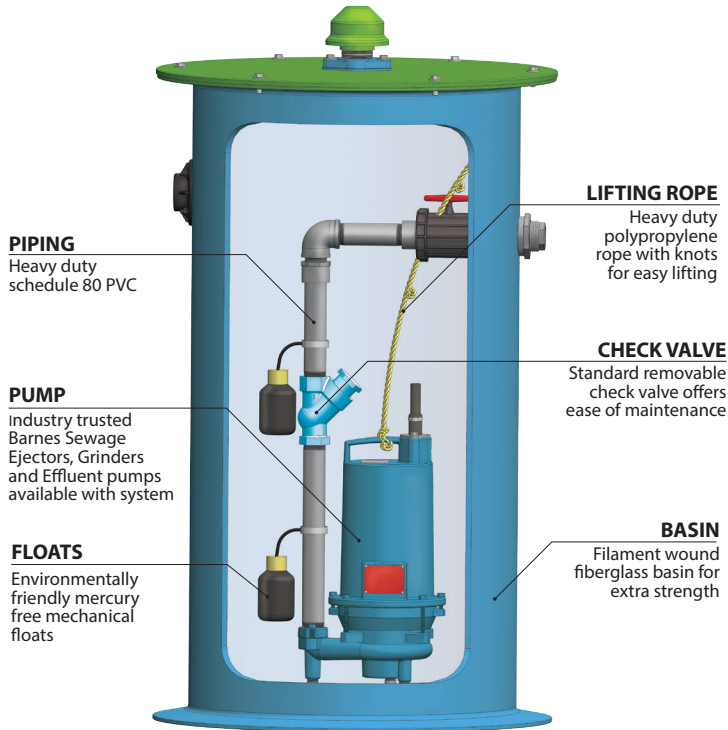


Online Configurator Tool:

CP&S Online Configurator Tool and technical sales staff make the configuration process easy to select the right pump, control panel, basin, and cover for each unique application.



Hard Piped Simplex Station



Hard Piped Simplex System comes pre-assembled with the following:

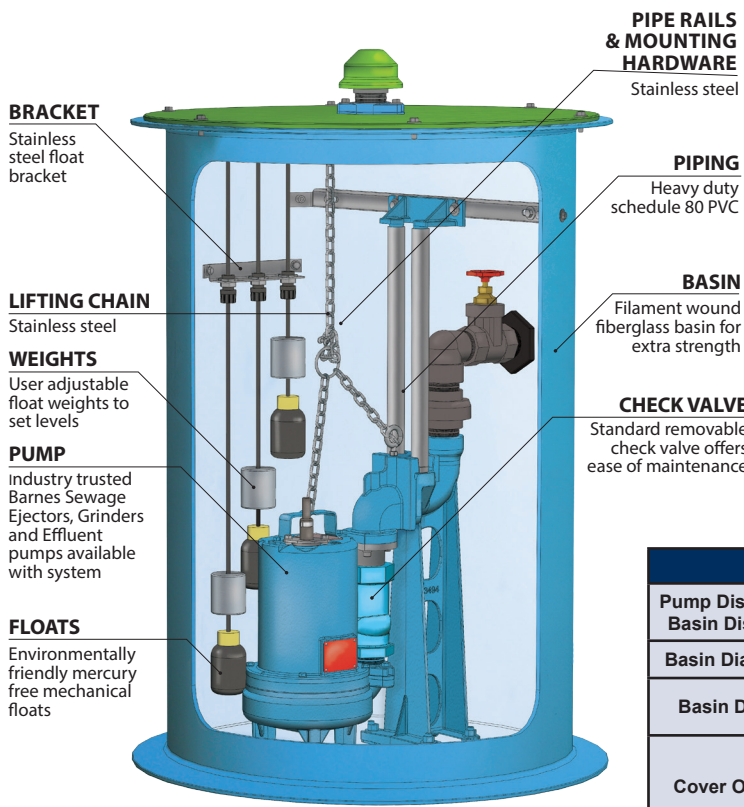
- Female NPT Bulkhead Fitting
- True Union Isolation Valve
- Check Valve
- Piggyback / Direct Control Floats Clamped to Discharged Pipe
- Alarm Box

Hard Piped Simplex System Specifications			
Pump Discharge x Basin Discharge	1 1/4"x1 1/4"	2"x2"	3"x3"
Basin Diameters:	24", 30", 36"	30", 36"	36"
Basin Depths:	48", 60"	48", 60"	48", 60"
Cover Options:	Solid Fiberglass, *Aluminum	Solid Fiberglass, *Aluminum	Solid Fiberglass, *Aluminum
**Pump Series Options:	PGPP, PGPH	SEV412, SE, 2SEV, EHV, EH, STEP	3SE, 3SEV

*Aluminum option only in 36" basin

** Only select models within each pump series are available in the Hard Piped System. Consult CP&S Connect online configurator or factory for exact listing of models.

Pipe Rail Simplex/Duplex Station



(PIPE RAIL DUPLEX SYSTEM NOT SHOWN)

Pipe Rail Simplex/Duplex Systems come pre-assembled with the following:

- Schedule 80 PVC
- Isolation Valve
- Check Valve
- BAF (3" – CV Moveable not available)
- 3(Simplex) Or 4(Duplex) Control Floats Suspended from Rack
- Corrosion Resistant Pipe Rails

Pipe Rail Simplex System Specifications			
Pump Discharge x Basin Discharge	1 1/4"x1 1/4"	2"x2"	3"x3"
Basin Diameters:	24", 30", 36"	30", 36"	36"
Basin Depths:	48", 60", 72", 84", 96"	48", 60", 72", 84", 96"	48", 60", 72", 84", 96"
Cover Options:	Solid Fiberglass, *Aluminum	Solid Fiberglass, *Aluminum	Solid Fiberglass, *Aluminum
Pump Series Options:	PGPP, PGPH, SGV	SEV412, SE, 2SEV, EHV, EH, STEP	3SE, 3SEV

*Aluminum option only in 36" basin

Pipe Rail Duplex System Specifications					
Pump Discharge x Basin Discharge	1 1/4"x2"		2"x2"		3"x3"
Basin Diameters:	36"	48"	36"	48"	48"
Basin Depths:	48", 60", 72", 84", 96"		48", 60", 72", 84", 96"		60", 72", 84", 96"
Cover Options:	Solid Fiberglass, Aluminum Hatch	Aluminum, or Steel Hatch	Solid Fiberglass, Aluminum Hatch	Aluminum, or Steel Hatch	Aluminum, or Steel Hatch
Pump Series Options:	PGPP, PGPH, SGV		SEV412, SE, 2SEV, EHV, EH, STEP		3SE, 3SEV