



Revolutionizing the Pumping Industry

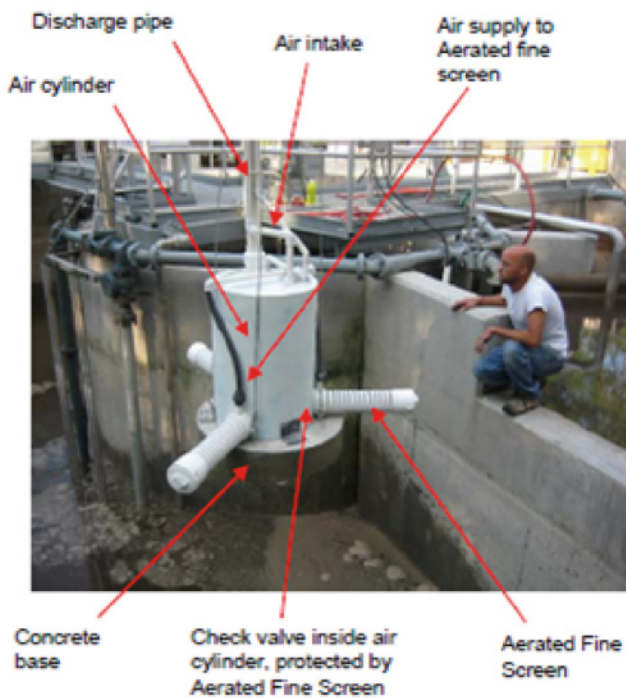
Geyser Pump

Geyser Ejection Pump (GEP)

Low Cost, Low Energy for Pump Lift Stations (Patent Pending)

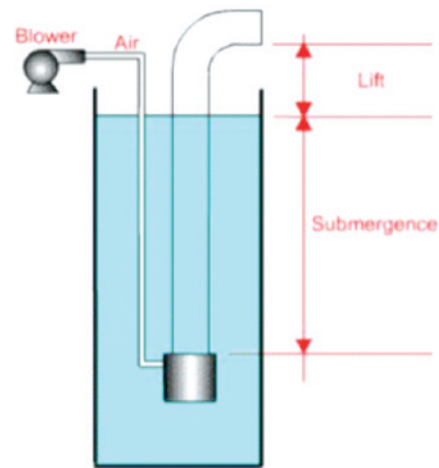
The Geyser Ejection Pump has been developed to provide clog free intermittent pumping operation efficiently using less energy with easy control of the pumping rate.

Geyser Ejection Pump installed for flow EQ



Lift Pipe Diameters
1", 2", 3", 4"
Lifting Height
Unlimited
Flow Velocity
16 - 34 ft per second

Design Criteria



Specifications (GEP)

	Type 1	Type 1-S	Type 2	Type 2-S	Type 3	Type 3-S
Discharge pipe diameter	1 1/4" or 2"	1 1/4" or 2"	2" or 3"	2" or 3"	2", 3" or 4"	2", 3" or 4"
Overall height	2' 2.2"	1' 1.8"	2' 4"	1' 2.3"	3' 4"	1' 2.3"
Overall diameter (does not include intake screens)	1' 0.5"	1' 6.7"	1' 6.7"	2' 0.8"	2' 0.8"	2' 0.8"
# of check valve	2	2	3	3	4	4
Check valve sizes	4"	4"	4"	4"	4"	4"
Weight (lbs)	63	74	98	109	113	127
Minimum water level (feet)	1' 8"	1' 1.8"	1' 10"	1' 2.3"	2' 6"	1' 2.3"
Air supply (Extra connection for aerated screen)	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Materials: PVC standard (Max. operational pressure 40 psig), Powder coated mild steel and stainless steel						

*(note) Proper pluse rate selected based on submergence, lift, application and GPM required.



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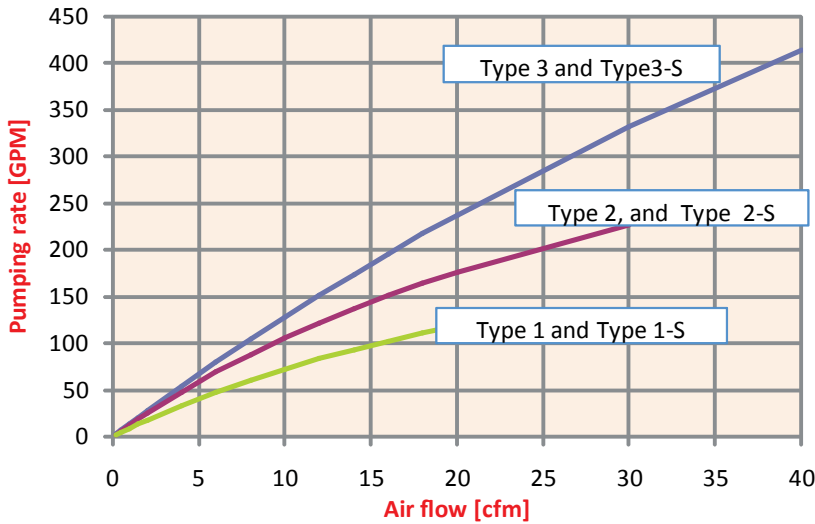
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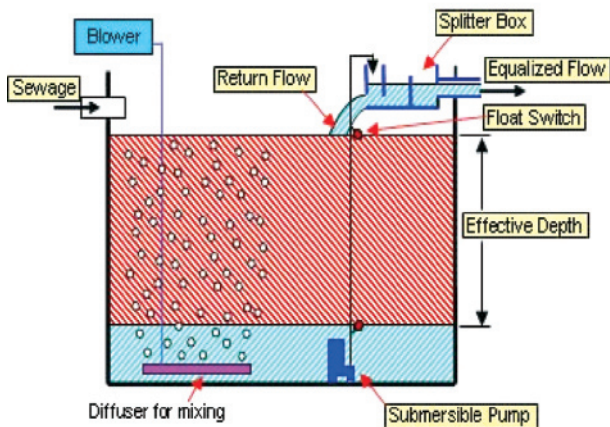
GEP Characteristic Curve

Geyser Ejection Pump

Lift is determined by applied air pressure.

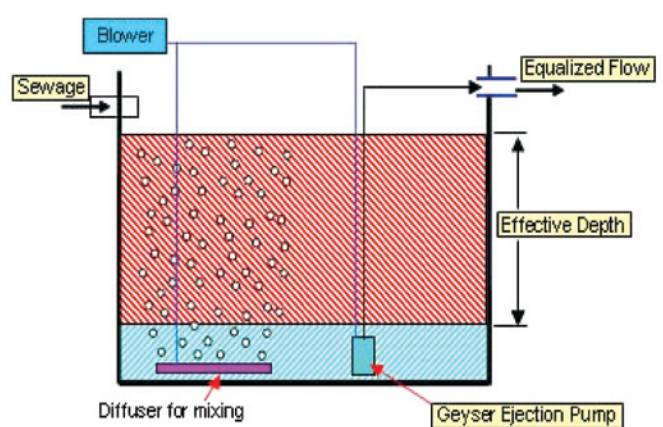


Comparison of Conventional Versus GEP Enabled Flow EQ System



Ordinary flow equalization tank

- Submersible pump
- Float switch
- Flow splitter box



Flow equalization tank of new style

- Geyser Ejection Pump
- No Float switch
- No Flow splitter box
- No Maintenance