

Liberty Pumps®

Model SJ10



SUMP JET Water Powered Back-Up Pump

*Protects
basement during
power outages!*

Requires no electricity

Features:

- Works off municipal water supply*
- Accepts 20PSI up to 100PSI inlet supply pressure**
 - Fully automatic
- High-output flow rates
 - Compact design
 - Fully-assembled
 - 1-1/2" Discharge
- 3/4" NPT water inlet connection
- UPC approved (IAPMO PS 119-2005)
- SHARKBITE® inlet connection accepts pex or copper 3/4" line

*Efficient design removes more
water per gallon used*

* The SJ10 requires an uninterrupted water source to operate. If you have a well pump, the SJ10 will not operate during power outages.

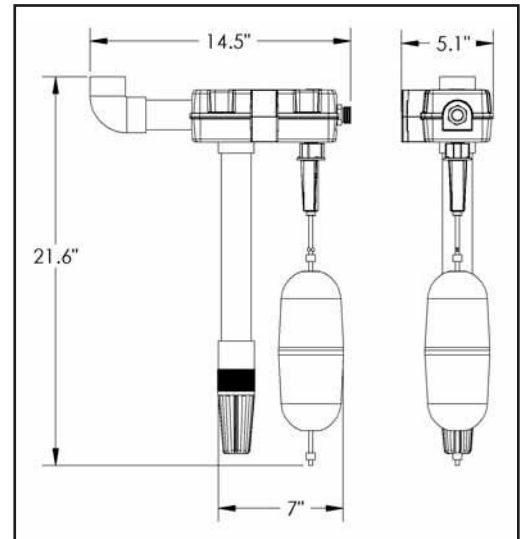
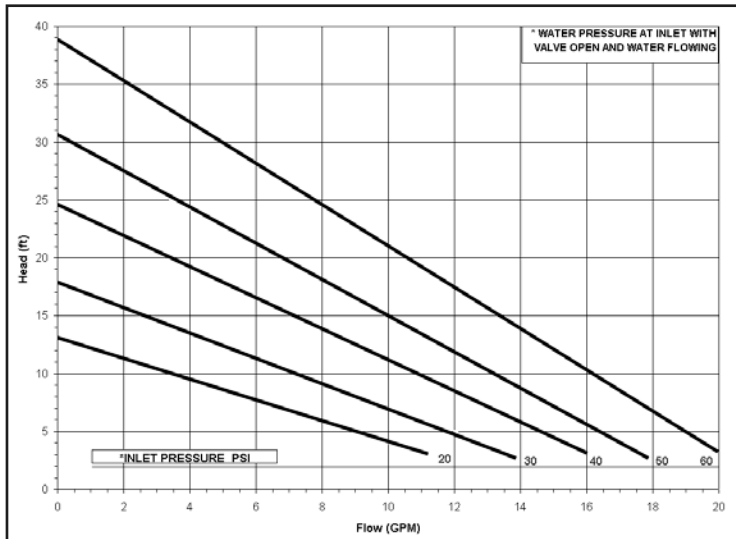
**SJ10 pumping performance varies with inlet water source pressure and pumping head. See complete specifications and performance chart for expected flow rates.

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innovate. evolve.

Model SJ10 Water Powered Back-Up Sump Pump

Performance Chart:



Water pressure valve at inlet with valve open and water flowing		Sump Water Removal At Various Heads (Static Head in 1-1/2" Pipe or Larger)													
Lift		4 ft.		1.21 m	8 ft.		2.4 M	12 ft.		3.6 M	15 ft.		4.5 M		
PSI	KPA	GPM	GPH	M ³ /hr	GPM	GPH	M ³ /hr	GPM	GPH	M ³ /hr	GPM	GPH	M ³ /hr	M ³ /hr	
20	138	11.0	660	2.5	5.8	348	1.3	-	-	-	-	-	-	-	
30	207	12.8	765	2.9	9	540	2.0	5.5	330	1.2	-	-	-	-	
40	276	15.4	924	3.5	12.5	750	2.8	9.3	558	2.1	7.2	432	1.6	-	
50	345	17.2	1032	3.9	14.5	870	3.3	12	720	2.7	10	600	2.3	-	
60	414	19.8	1185	4.5	17	1020	3.9	15.2	912	3.5	13.5	810	3.1	-	

Features:

- Adjustable stainless hose clamp for easy mounting
- Removes 2 gallons of water for each 1 gallon used. (based on 5' lift)
- Fully assembled, compact design
- Built-in screen with removable foot valve
- Constructed of durable PVC

Dimensions

Major Height: 21.6", Major Width: 5.1", Weight: 3.5 lbs.

Construction: PVC

Maximum Fluid Temperature 130 Degrees F.

Inlet Connection: 3/4" NPT

Discharge Size: 1-1/2"

Built-in check valve at water inlet

Additional backflow protection is required. Check with local plumbing codes prior to installation.

Important: Minimum recommended pit diameter is 18". The SJ10 works in conjunction with your main sump pump. Make sure you have adequate pit size to properly install the SJ10 without float interference.

Typical Installation Diagram:

