

A-1 ELECTRIC CO. INC.

P.O. BOX 4536 • Warren, NJ 07059-0536
(908) 766-1010 Lic./Permit # 8460A
 Helpful Hints section at www.A-1ElectricCo.com

No job too small ~ No challenge too great!

Making Homes Safe and Comfortable

Water pumping (evacuation) rate in gallons/minute:

Unit/specs.	5-ft rise ¹	10-ft rise	Duration
120 volt pump (typical)	37	30	(as long as there's electricity)
Liberty SJ10 Jet Pump 20 PSI ²	9	3	Unlimited
Liberty SJ10 Jet Pump 40 PSI	15	11	Unlimited
Zoeller Home Guard Water-powered pump 20 PSI	7.7	3.4	Unlimited
Zoeller Home Guard Water-powered pump 40 PSI	12.7	12.7	Unlimited
Zoeller Home Guard Water-powered pump 60 PSI	19	19	Unlimited
Watchdog Battery Backup Special	35	28	Continuous run time: 7.5 hrs Intermittent: longer, or add 2 nd battery or recharge from your car

Note: Typically, electric sump pumps pump water out quickly, then wait for it to refill and pump again. A lower capacity unit would run longer before shutting off.

Sources:

Liberty Pumps: http://www.libertypumps.com/Data/EngineerSpecifications/SJ10_R11-10.pdf

Zoeller: <http://www.deanbennett.com/homeguard.htm>

Watchdog http://www.basementwatchdog.com/sump_pump_comparison.htm

¹ PSI (pressure in pounds/square inch) Household water pressure varies by location, utility, pipes, etc.

² Rise refers to how high the water has to pump to get out of the house