

Comparison of Water-Powered Backup Sump Pumps

Pump Model → Features ↓	Our model RB750	Our model HB1000	Our model CB1500	Liberty Pumps SJ10	McDonald Guardian 747H2O	Zoeller Homeguard 503
Pumping rate at 9-ft. lift and 50 psi	725	950	1,450	*510	513	600
Efficient use of city water (50-100 psi)	1 Gal of city water removes 1.5 - 2 Gal sump water			1 Gal of city water removes 1 – 1.5 Gal sump water		
Minimum sump diameter	10"			18"		
Able to install radon-tight cover?	Yes			No		
Water supply pipe size	1/2" or 3/4"	3/4"	3/4" or 1"	3/4"		
Float type	Hydraulic			Mechanical		
Can pump empty the sump?	Yes			No		
Water alarm included?	Yes			No		
Installation kit available?	Yes			No		
Warranty	5 Years			3 Years	NA	NA

Performance is based on published information for 10-ft. lift and 50 psi water pressure.

*Adjusted to static pressure from pressure at "valve open and water flowing" (20 psi lower).