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Specifications Battery-Powered Backup Sump Pumps

Pumping Rates (gallons per hour)

	RH-1400 <i>residential</i>	DH-1800 <i>residential</i>	PH-3500 <i>for large homes or commercial</i>
at 5-ft. lift	1,800 gph	2,600 gph	4,000 gph
at 9-ft. lift	1,400 gph	1,800 gph	3,500 gph

The lift ("head") is the vertical distance from the bottom of the suction pipe to the highest point of the main discharge pipe. The higher the lift, the lower the pumping rate. However, it does not drop dramatically until about a 15-ft. lift.

Pumping Duration

	RH-1400 or DH-1800 <i>with 1 battery</i>	RH-1400 or DH-1800 <i>with 2 batteries</i>	PH-3500 <i>with 2 batteries</i>	PH-3500 <i>with 3 batteries</i>
continuous	12 hours	24 hours	18 hours	27 hours
at 5-minute intervals	48 hours/2 days	96 hours/4 days	36 hours	54 hours
at 15-minute intervals	96 hours/4 days	192 hours/8 days	72 hours/3 days	108 hours/3 days

Based on 30-second pumping cycles for RH-1400 and DH-1800 or 10-second pumping cycles for PH-3500, and fully charged batteries disconnected from power supply.

Specifications

	RH-1400 and DH-1800	PH-3500
Motor	1/8 HP, 12 V DC, 21 Amp	1/3 HP, 120 V AC, 5.2 Amp
Charger	1.5 Amp Hour @ 12 V DC	5 Amp Hour @ 12 V DC, 4 Amp Load
Service	120 V AC, 60 Hz, GFCI Outlet	120 V AC, 60 Hz, GFCI Outlet
Float	Vertical, Mechanical, Narrow Profile, Pre-wired	Vertical, Mechanical, Narrow Profile, Pre-wired
Alarm	Integrated, sounds when pump is operating	Integrated, sounds when pump is operating
Battery	One 12 V DC Marine Deep Cycle Size 27 (Not Included)	Two 12 V DC Marine Deep Cycle Size 27 (Not Included)

Physical Pump Size

	RH-1400	DH-1800	PH 3500
Size of the Pump	L=9-1/2" W=6" H=6"	L=6" W=6" H=9-1/2"	L=9" W=10" H= 9"
Pump Weight	12 Lbs.	12 Lbs.	12 Lbs.
Shipping Weight	22 Lbs.	18 Lbs.	43 Lbs.
Battery Case (each)	L=15-1/2" W=9" H=12"	L=15-1/2" W=9" H=12"	L=15-1/2" W=9" H=12"
Discharge (incl.)	1-1/4" Flexible Hose	1-1/4" Flexible Hose	1-1/2" Flexible Hose