

Basement Watchdog - Battery Backup Sump Specifications

	BWE Basement Watchdog		BWSP Basement Watchdog		BWD12-120 Basement Watchdog	
PUMP						
Flow @ 0 ft. GPH (0 M.)	2,000 GPH	7,571 LPH	2,600 GPH	9,842 LPH	3,500 GPH	13,249 LPH
Flow @ 0 ft. GPM (0 M.)	33.3 GPM	126 LPM	43.3 GPM	164.0 LPM	58.3 GPM	221 LPM
Flow @ 10 ft. GPH (3 M.)	1,000 GPH	3,785 LPH	1,850 GPH	7,003 LPH	2,200 GPH	8,328 LPH
Flow @ 10 ft. GPM (3 M.)	16.7 GPM	63 LPM	30.8 GPM	116.7 LPM	36.7 GPM	139 LPM
Max. Head	15 ft.	4.6 M	16 ft.	4.9 M	16 ft.	5.2 M
Pump Discharge	1-1/4" FNPT w/ 1-1/4x1-1/2" Adaptor		1-1/4" FNPT w/ 1-1/2x1-1/2" Adaptor		1-1/2" FNPT w/ 1-1/2x1-1/2" Adaptor	
Strainer	Snap-on Non-corrosive ABS Screen		Snap-on Non-corrosive ABS Screen		Snap-on Non-corrosive ABS Screen	
Pump Housing	Non-corrosive ABS		Non-corrosive ABS		Non-corrosive ABS	
Impeller	Non-corrosive ABS		Non-corrosive ABS		Non-corrosive ABS	
Motor Type	Brush-type DC		Brush-type DC		Brush-type DC	
Voltage	12 VDC		12 VDC		12 VDC	
Amps. @ 10 Ft. Total Head	6.5 Amps.		10 - 12 Amps.		11-13 Amps.	
Warranty (Pump, Controller)	2-Year		2-Year		2-Year	

CHARGER / MONITOR

Power Input	115VAC, 60 Hz	115VAC, 60 Hz	115VAC, 60 Hz
Charger Output	12 VDC / .4 Amp	12 VDC / 1.6 Amp	12 VDC / 20 Amp
Pumping Time w/ 24EP6	50 Hours based on 10% duty cycle. Run times may vary based on water flow	Not Recommended	Not Recommended
Pumping Time w/ 30HDC140S	100 Hours based on 10% duty cycle. Run times may vary based on water flow	60 Hours based on 10% duty cycle. Run times may vary based on water flow	50 Hours based on 10% duty cycle. Run times may vary based on water flow
Pumping Time w/ (2) 30HDC140S	Not Recommended	120 Hours based on 10% duty cycle. Run times may vary based on water flow	100 Hours based on 10% duty cycle. Run times may vary based on water flow
Pumping Time w/ BW-27AGM	80 Hours based on 10% duty cycle. Run times may vary based on water flow	48 Hours based on 10% duty cycle. Run times may vary based on water flow	40 Hours based on 10% duty cycle. Run times may vary based on water flow
Pumping Time w/ (2) BW-27AGM	Not Recommended	96 Hours based on 10% duty cycle. Run times may vary based on water flow	80 Hours based on 10% duty cycle. Run times may vary based on water flow
Pumping Time - Intermittent Duty	Days	Days	Days
Floater Switch	Dual, Micro-Reed Switches	Dual, Micro-Reed Switches	Dual, Micro-Reed Switches

MONITORING FEATURES

Switches Automatically to Battery	Yes	Yes	Yes
Pumps directly of AC Power	No	No	Yes
Automatically Tests the Pump	No	Yes	Yes
Alarm Can Be Silenced	Yes (Switch)	Yes (24 Hours)	Yes (24 hours)
Displays Percent of Charge	No	No	Yes
Remote Terminal (for connection to security system or auto dialer)	No	Yes (as of 1/2014)	Yes (as of 8/2016 S/N 190000)
USB Data Port (for connection to WiFi Module)	No	Yes (Starting S/N 375000)	Yes (as of about May 2017)
Alarms When:	-	-	-
Pump has Been Activated	Yes	Yes	Yes
Battery Needs Water	Yes	Yes	Yes
Battery Needs replacing	Yes	Yes	Yes
Battery is Discharged	Yes	Yes	Yes
Backup Pump Failed	No	No	Yes
Battery Hooked Up Backwards	No	No	Yes
Battery Cable is Loose	Yes	Yes	Yes
Power, fuse or circuit breaker	Yes	Yes	Yes

DIMENSIONS

	English		Metric		English		Metric	
Pump Dimensions (LxWxH)	4.5" x 8.5" x 6.5"	11.3 x 21.59 x 16.51 cm	5.0" x 9.0" x 7.5"	12.7 x 22.86 x 19.05 cm	5.0" x 9.0" x 7.5"	12.7 x 22.86 x 19.05 cm		
Pump Dimensions (w/ cord)	4.5" x 8.5" x 7.75"	11.3 x 21.59 x 19.5 cm	5.0" x 9.0" x 8.75"	12.7 x 22.86 x 22.22 cm	5.0" x 9.0" x 8.75"	12.7 x 22.86 x 22.22 cm		
Controller Dimensions (LxWxH)	3.2" x 4.8" x 5.5"	8.1 x 12.19 x 13.97 cm	3.0" x 7.0" x 5.25"	7.62 x 17.78 x 13.33 cm	8.25" x 11" x 8.25"	20.95 x 27.94 x 20.95 cm		
Battery Box Dimensions (LxWxH)	8.5" x 15.5" x 9.0"	21.59 x 39.37 x 22.86 cm	8.5" x 15.5" x 9.0"	20.95 x 39.37 x 22.86 cm	8.5" x 15.5" x 9.0"	21.59 x 39.37 x 22.86 cm		
Carton Dimensions (LxWxH)	10" x 17" x 12"	25.4 x 43.18 x 30.48 cm	10 1/4 x 17 3/8 x 14 1/2	26.03 x 44.13 x 36.83 cm	10" x 17 1/4" x 23	25.4 x 43.81 x 58.42 cm		
Shipping Weight	9.5 lbs	4.3 Kg	13.2 lbs	5.98 Kg	28.5 lbs	12.92 Kg		

INCLUDED

Included with System	Pump, Controller / Monitor, Charger, Dual Float Switch, Battery Box, Battery Cap w/ Hole, (2) Wire Ties, Instruction Manual	Pump, Controller / Monitor, Charger, Dual Float Switch, Battery Box, Battery Cap w/ Hole, Wire Tie, Instruction Manual	Pump, Controller / Monitor, Charger, Dual Float Switch, Battery Box, Battery Cap w/ Hole, Wire Tie, Instruction Manual
----------------------	---	--	--

RECOMMENDED ACCESSORIES

Recommended Accessories	Battery, Battery Fluid, Battery Fill Bottle	Battery, Battery Fluid, Battery Fill Bottle	Battery, Battery Fluid, battery cables, battery filler bottle
-------------------------	---	---	---