PHCC Pro Series - Battery Backup Sump Specifications

	PHCC-1000 PHCC Pro Series		PHCC-1850 PHCC Pro Series		PHCC-2400 PHCC Pro Series	
PUMP						
Flow @ 0 ft. GPH (0 M.)	2,000 GPH	7,571 LPH	2,600 GPH	9,842 LPH	4,000 GPH	15,142 LPH
Flow @ 0 ft. GPM (0 M.)	33.3 GPM	126 LPM	43.3 GPM	163.9 LPM	66.7 GPM	252 LPM
Flow @ 10 ft. GPH (0 M.)	1,000 GPH	3,785 LPH	1,850 GPH	7,003 LPH	2,400 GPH	9,085 LPH
Flow @ 10 ft. GPM (0 M.)	16.7 GPM	63 LPM	30.8 GPM	116.6 LPM	40 GPM	63 LPM
Max. Head	15 ft.	4.6 M	16 ft.	4.9 M	17 ft.	4.6 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		Fiber Poly-Carbonate	
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.		20 Amps.	
Warranty (Pump, Controller)	3-Year		3-Year		3-Year	
CHARGER/MONITOR						
Power Input	115 VAC, 60 Hz		115 VAC, 60 Hz		115 VAC, 60 Hz	
Charger Output	12 VDC / 0.4 Amp		12 VDC /1.6 Amp		12 VDC / 13 Amp	
Pumping Time w/ B12-100	110 Hours based on 10% duty cycle. Run times may vary based on water flow		70 Hours based on 10% duty cycle. Run times may vary based on water flow. **Incompatible for PHCC-1730 controllers without the Remote Terminal**		55 Hours based on 10% duty cycle. Run times may vary based on water flow.	
Pumping Time w/ (2) B12-100	Not Recommended		140 Hours based on 10% duty cycle. Run times may vary based on water flow. **Incompatible for PHCC-1730 controllers without the Remote Terminal**		110 Hours based on 10% duty cycle. Run times may vary based on water flow.	
Pumping Time - Intermittent Duty	Days		Days		Days	
Float Switch	Dual, Micro-Reed Switches		Dual, Micro-Reed Switches		Dual, Micro-Reed Switches	
MONITORING FEATURES						
Switched Automatically to Battery	Yes		Yes		Yes	
Pumps directly off 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		No	
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	
Battery Cable is Loose	Yes		Yes		Yes	
Power, Fuse or Circuit Breaker	Yes		Yes		Yes	
Fuse, DC	No		Yes		Yes	
Tests Pump Weekly	No		Yes		Yes	
Remote terminal (NO, NC, Com)	No		Yes		Yes	
USB Data Port	No		Yes		Yes (starting w/ s/n 83000)	
DIMENSIONS	**English**	**Metric**	**English**	**Metric**	**English**	**Metric**
Pump Dimensions (WxDxH)	8.5" x 4.5" x 6.5"	21.6 x 11.4 x 6.5 cm	9.0" x 5.0" x 7.5"	22.9 x 12.7 x 19.1 cm	9.0" x 5.0" x 7.5"	22.9 x 11.4 x 21.6 cm
Pump Dimensions (w/ cord)	8.5" x 4.5" x 7.75"	21.6 x 11.4 x 19.7 cm	9.0" x 5.0" x 8.75"	22.9 x 12.7 x 22.2 cm	9.0" x 5.0" x 8.9"	22.9 x 11.4 x 22.6 cm
Controller Dimensions (WxDxH)	4.0" x 2.5" x 4.5"	10.2 x 6.4 x 11.4 cm	7.0" x 3.0" x 4.4"	17.8 x 7.6 x 11.1 cm	6.25" x 7.25" x 8.25"	15.9 x 18.4 x 20.9 cm
Battery Box Dimensions (WxDxH)	15.5" x 8.5" x 9.0"	39.4 x 21.6 x 22.9 cm	15.5" x 8.5" x 9.0"	39.4 x 21.6 x 22.9 cm	15.5" x 8.5" x 9.0"	39.4 x 21.6 x 22.9 cm
Carton Dimensions (LxWxH)	10.25" x 16.75" x 11.75"	26.0 x 42.5 x 29.8 cm	17.25" x 10.4" x 14.5"	43.8 x 26.4 x 36.8 cm	17.5" x18.75" x 12.0"	44.5 x 47.6 x 30.5 cm
Shipping Weight	9.0 lb	4.1 Kg	12.0 lb	5.4 Kg	23.0 lb	10.4 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	Maintenance Free AGM Battery		Maintenance Free AGM Battery		Maintenance Free AGM Battery	