

PHCC Pro Series - Battery Backup Sump Specifications

	PHCC-1000 PHCC Pro Series		PHCC-1730 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	2,500 GPH	9,463 LPH	2,600 GPH	9,842 LPH	4,000 GPH	15,142 LPH
Flow @ 0 ft. GPM (0 M.)	33.3 GPM	126 LPM	41.7 GPM	158 LPM	43.3 GPM	163.9 LPM	66.7 GPM	252 LPM
Flow @ 10 ft. GPH (3 M.)	1,000 GPH	3,785 LPH	1,730 GPH	6,549 LPH	1,850 GPH	7,003 LPH	2,400 GPH	9085 LPH
Flow @ 10 ft. GPM (3 M.)	16.7 GPM	63 LPM	28.8 GPM	109 LPM	30.8 GPM	116.6 LPM	40 GPM	151 LPM
Max. Head	15 ft.	4.6 M	16 ft.	4.9 M	16 ft.	4.9 M	17 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		1-1/4" 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		Snap-on Non-corrosive ABS Screen	
Pump Housing	Non-corrosive ABS		Non-corrosive ABS		Non-corrosive ABS		Non-corrosive ABS	
Impeller	Non-corrosive ABS		Non-corrosive ABS		Non-corrosive ABS		Fiber Poly-Carbonate	
Motor Type	Brush-type DC		Brush-type DC		Brush-type DC		Brush-type DC	
Voltage	12 VDC		12 VDC		12 VDC		12 VDC	
Amps. @ 10 Ft. Total Head	6.5 Amps.		10 - 12 Amps.		10 - 12 Amps.		20 Amps.	
Warranty (Pump, Controller)	3-Year		3-Year		3-Year		3-Year	

CHARGER / MONITOR

	PHCC-1000		PHCC-1730		PHCC-1850		PHCC-2400	
Power Input	115VAC, 60 Hz		115VAC, 60 Hz		115VAC, 60 Hz		115VAC, 60 Hz	
Charger Output	12 VDC / .4 Amp		12 VDC / 1.6 Amp		12 VDC / 1.6 Amp		12 VDC / 13 Amp	
Pumping Time w/ B-1000	50 Hours based on 10% duty cycle. Run times may vary based on water flow		Not Recommended		Not Recommended		Not Recommended	
Pumping Time w/ B-2200	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		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) B-2200	Not Recommended		120 Hours based on 10% duty cycle. Run times may vary based on water flow. Not Recommended for PHCC-1730 controllers without the Remote Terminal		120 Hours based on 10% duty cycle. Run times may vary based on water flow. Not Recommended for PHCC-1730 controllers without the Remote Terminal		100 Hours based on 10% duty cycle. Run times may vary based on water flow	
Pumping Time w/ B12-75	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. Incompatible for PHCC-1730 controllers without the Remote Terminal		48 Hours based on 10% duty cycle. Run times may vary based on water flow. Incompatible for PHCC-1730 controllers without the Remote Terminal		40 Hours based on 10% duty cycle. Run times may vary based on water flow	
Pumping Time w/ B12-90	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. Incompatible for PHCC-1730 controllers without the Remote Terminal		60 Hours based on 10% duty cycle. Run times may vary based on water flow. Incompatible for PHCC-1730 controllers without the Remote Terminal		50 Hours based on 10% duty cycle. Run times may vary based on water flow	
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		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		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		Days	
Float Switch	Dual, Micro-Reed Switches		Dual, Micro-Reed Switches		Dual, Micro-Reed Switches		Dual, Micro-Reed Switches	

MONITORING FEATURES

	PHCC-1000		PHCC-1730		PHCC-1850		PHCC-2400	
Switches Automatically to Battery	Yes		Yes		Yes		Yes	
Pumps directly off AC Power	No		No		No		Yes	
Automatically Tests the Pump	No		Yes		Yes		Yes	
Alarm Can Be Silenced	Yes (Switch)		Yes (24 Hours)		Yes (24 Hours)		Yes (24 hours)	
Displays Percent of Charge	No		No		No		Yes	
Alarms When:	-		-		-		-	
Pump has Been Activated	Yes		Yes		Yes		Yes	
Battery Needs Water	Yes		Yes		Yes		Yes	
Battery Needs replacing	Yes		Yes		Yes		Yes	
Battery is Discharged	Yes		Yes		Yes		Yes	
Battery Cable is Loose	Yes		Yes		Yes		Yes	
Power, fuse or circuit breaker	Yes		Yes		Yes		Yes	
Fuse, DC	No		Yes		Yes		Yes	
Tests Pump Weekly	No		Yes (with remote terminal)		Yes		Yes	
Remote Terminal (NO, NC, Com)	No		Yes		Yes		Yes	
USB Data Port	No		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 16.5 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 12.7 x 19.1 cm	9.0" x 4.5" x 8.5"	22.9 x 11.4 x 21.6 cm	9.0" x 4.5" x 8.5"	22.9 x 11.4 x 21.6 cm	9.0" x 4.5" x 8.5"	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 8.75"	22.9 x 12.7 x 22.2 cm	9.0" x 4.5" x 8.9"	22.9 x 11.4 x 22.6 cm	9.0" x 4.5" x 8.9"	22.9 x 11.4 x 22.6 cm	9.0" x 4.5" 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	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	6.25" x 7.25" x 8.25"	15.9 x 18.4 x 20.9 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	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	17.25" x 10.4" x 14.5"	43.8 x 26.4 x 36.8 cm	17.5" x 18.75" x 12.0"	44.5 x 47.6 x 30.5 cm	17.5" x 18.75" x 12.0"	44.5 x 47.6 x 30.5 cm	17.5" x 18.75" 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	12.0 lb	5.4 Kg	23.0 lb	10.4 Kg	23.0 lb	10.4 Kg	23.0 lb	10.4 Kg

INCLUDED

	PHCC-1000	PHCC-1730	PHCC-1850	PHCC-2400
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, Water Filler Bottle	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

	PHCC-1000	PHCC-1730	PHCC-1850	PHCC-2400
Recommended Accessories	Battery, Battery Fluid	Battery, Battery Fluid	Battery, Battery Fluid	Battery, Battery Fluid