



Battery Backup Sump Pumps



PHCC-1000



Features

PHCC Pro Series backup sump pumps protect against:

- Power outages
- Float switch failures
- Primary pump failures
- Excessive inflow of water

All PHCC Pro Series backup sump pumps offer:

- 12 volt DC sump pump with decades of proven reliability
- Automatic operation and charging
- Monitoring of battery and pump conditions
- Monitoring of the battery fluid level
- Dual float switches
- Ability to be used with wet cell or AGM/maintenance free batteries



Pro Series backup sump pumps sound an alarm when:

- AC power is out, or the circuit breaker has blown
- Battery fluid is low and water needs to be added
- Battery is discharged or terminals need cleaning
- Pump was activated

PHCC-1730



BACKUP SYSTEM COMPARISON

	PHCC-1000	PHCC-1730	PHCC-2400
Pumping capacity (in gallons per hour @ 10-ft. height)	1000 GPH	1730 GPH	2400 GPH

Efficient

Charger strength (the higher the amps, the faster it will recharge the battery)	.4 amps	1.6 amps	13 amps
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Caged float switch provides added protection			•
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System pumps intermittently for days	•	•	•
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Automatic

Switches automatically to battery power when AC power fails	•	•	•
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Pumps automatically when water volume exceeds the capacity of the main AC pump	•	•	•
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Automatically tests the pump weekly		•	•
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Alarms when pump is clogged			•
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Versatile

Pumps on AC power as well as battery power			•
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Designed for use with maintenance or maintenance free batteries	•	•	•
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Remote terminal to connect to a home security system, auto dialer or other device		•	•
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USER-FRIENDLY

Detects irregularities, sounds an alarm, and pinpoints problems and solutions on the control panel	•	•	•
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The alarm can be silenced during a power outage	•	•	•
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PHCC-2400



Battery Backup Sump Pumps

Specifications

	PHCC-1000	PHCC-1730	PHCC-2400
Flow @ 10 ft. GPH (3 M.) Head	1,000 GPH	1,730 GPH	2,400 GPH
Amps. @ 10 ft. Total Head	6.5 Amps.	10 - 12 Amps.	16 Amps.
Max. Head	15 ft. (4.6 M)	16 ft. (4.9 M)	17 ft. (5.2 M)
Outlet	1.5" PVC adapter	1.5" PVC adapter	1.5" PVC adapter
Voltage	12 VDC	12 VDC	12 VDC
Motor Type	Brush-type DC	Brush-type DC	Brush-type DC

CONSTRUCTION

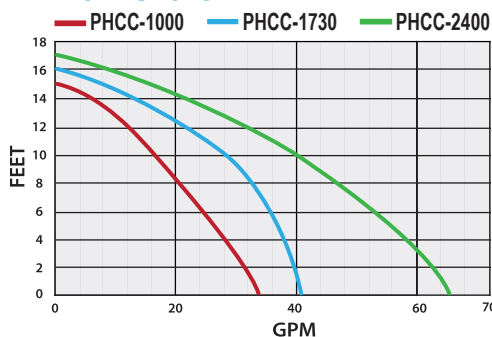
Pump Housing	Non-corrosive ABS	Non-corrosive ABS	Non-corrosive ABS
Impeller	Non-corrosive ABS	Non-corrosive ABS	Fiber Filled Polycarbonate
Shaft Material	Stainless steel	Stainless steel	Stainless steel
Power Input	115VAC, 60 Hz	115VAC, 60 Hz	115VAC, 60 Hz
Charger Strength Voltage/Current	12 VDC / .4 Amp	12 VDC / 1.6 Amp	12 VDC / 13 Amp
Float Switch	Dual, Micro-Reed Switches	Dual, Micro-Reed Switches	Caged Dual, Micro-Reed Switches
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 4.5" x 8.5" (22.9 x 11.4 x 21.6 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)
Shipping Weight	9.0 lb (4.1 Kg)	12.0 lb (5.4 Kg)	23.0 lb (10.4 Kg)

PUMPING TIME WITH BATTERY*

B-1000	50 Hours	Not Recommended	Not Recommended
B-2200	100 Hours	60 Hours	50 Hours
(2) B-2200	Not Recommended	120 Hours	100 Hours
B12-75	80 Hours	48 Hours	40 Hours
B12-90	100 Hours	60 Hours	50 Hours
B12-100	133 Hours	80 Hours	66 Hours

* Run time based on 10% duty cycle. Run times may vary based on water flow.

Flow Chart

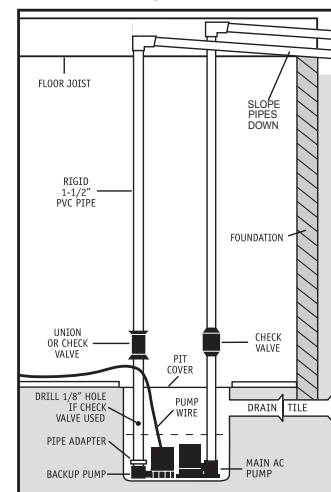


Included with System

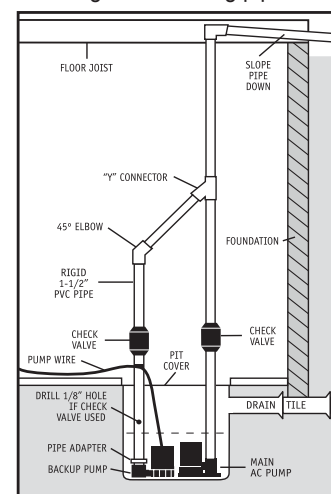
- 12 VDC sump pump
- Control unit with fluid sensor
- Caged dual float switch (PHCC2400)
- Dual float switch (PHCC 1000/1730)
- Snap-on Non-Corrosive Screen
- Battery cap to accommodate fluid sensor
- Battery box

Installation

Direct discharge outside



Discharge into existing pipe



Installation in a narrow sump pit

