



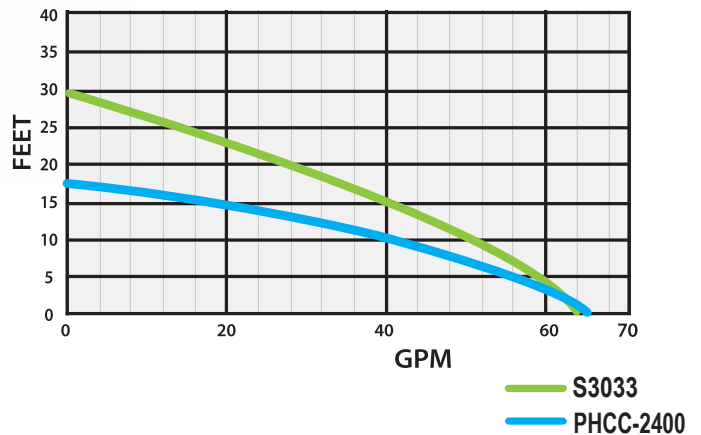
## Combination System Primary Pump and Backup Pump



### PS-C33 FEATURES:

- S3033 Primary - pumps 3000 GPH @ 10'
  - Cast Iron / Cast Stainless Steel Construction
- PHCC-2400 Backup - pumps 2400 GPH @ 10'
- Caged dual float switches provide dependable activation for each pump
- Activates pump to exercise and extend pump life
- Pump run time is adjustable
- Designed for use with wet cell or AGM/ maintenance free batteries
- Can accommodate two (2) standby batteries to double the run time
- Monitors pump and power conditions and sounds an alarm when problems are detected
- USB Data Port and Remote Terminal allows the unit to connect to one of many devices

### Flow Chart



**630-978-9696**



## Features

- Pre-Assembled for quick and easy installation
- Compact footprint fits neatly into most sump pits
- Automatically switches to battery power when AC fails
- Unique monitoring controller detects irregularities, sounds an alarm, and pinpoints problems and solutions on control panel
- Primary pump with energy efficient PSC motor is continuous duty rated and water cooled
- Primary pump controller allows for adjustable pump run time and exercises pump weekly to extend pump life
- Dual float switches provide dependable activation for both primary and backup pumps
- Backup will assist primary pump if excessive amounts of water are entering the sump
- Maintains and recharges battery automatically
- Alarm can be silenced during a power outage
- Designed for use with wet cell or AGM / maintenance free batteries
- USB Data Port and Remote Terminals connect to external devices such as PHCC Pro Series Connect Modules, home automation systems or other devices for remote notification

## Backup Pump Monitoring

Backup Pump	PS-C33
Will sound alarm indicating:	
Battery needs water	●
Battery is old and needs to be replaced	●
Battery is discharged	●
Cable is loose or terminals are corroded	●
Power, fuse or circuit breaker has failed	●
Pump has been activated; check the main pump for failure	●
Automatically tests pump weekly	●
Backup pump runs off AC power as well as battery power	●
Displays percentage of power remaining in the battery	●

## Connect

The PHCC Pro Series CONNECT Line of Pumps have the ability to send email or text notifications when there is an issue or needed maintenance.

Notification with the USB Data Port:

- With USB data port simply plug/attach the Pro Series CONNECT Module to your Pro Series 2400 Backup system and the module will act as a gateway to the internet
  - ♦ Receive specific text or email alerts telling you exactly what is going on in the home

Notification with the Remote Terminal

- Connects to a home security, auto dialer, or other dry contact based device

Now, you can 'be in-the-know when you're on-the-go'.

## Specifications

<b>Primary Pump</b>	<b>PS-C33</b>
Flow at 10' Head	3000 GPH
Max Head	30' / 9.1 m
Discharge	1½"
Motor HP	1/3
Voltage	115V, 60Hz
Amp. draw at 10'	4.0
<b>Backup Pump</b>	<b>PS-C33</b>
Flow at 10' Head	2400 GPH
Voltage	12 VDC
DC Current	16 Amps
<b>Dimensions</b>	<b>PS-C33</b>
Width	10.0" (25.4 cm)
Depth	11.0" (27.9 cm)
Height	23.7" (60.2 cm)
Weight	43 lbs (19.5 Kg)

## Construction

### Primary Pump

- Permanent Split Capacitor (PSC) motor
- Upper and lower sealed ball bearings
- Cast iron/stainless steel housing
- Stainless steel shaft
- Dual carbon ceramic shaft seals plus additional Buna N seal
- Polycarbonate impeller
- Stainless steel fasteners

### Backup Pump

- Non-corrosive ABS housing
- Stainless steel shaft and fasteners
- Carbon ceramic seal w/ Buna N seal
- Non-corrosive fiber filled impeller
- Dual ball bearings

## Included with System

- Pre-assembled:
  - ♦ Primary pump
  - ♦ Backup pump
  - ♦ (3) 1½" Standard no hub couplings
  - ♦ (2) Standard check valves with hardware
  - ♦ Sump Foot - raises and secures both pumps
- Backup system controller/charger with fluid sensor
- Primary pump Enhanced controller with caged dual float switch (DFC1.5)
- Battery box

## Available From