

**PRO SERIES  
PUMPS**



# Primary Sump Pumps - S5 Series

**S5033 1/3 HP 3540 GPH @ 10'**  
Pumps 7.4 gallons per watt hour (G/Wh)\*

**S5050 1/2 HP 4980 GPH @ 10'**  
Pumps 6.1 gallons per watt hour (G/Wh)\*



- Cast iron
- Energy efficient PSC motors
- Caged-dual float switch with deluxe controller
- Continuous duty rated



**Industrial Grade for the Residential Market**

**www.stopflooding.com 800-991-0466**

\* Simply stated G/Wh links efficiency and performance by illustrating how many gallons of water are pumped using one (1) watt of electricity. For example, the 1/3 HP PHCC S5033 has a G/Wh of 7.4 - pumping 7.4 gallons of water per watt-hour used.

# Primary Sump Pumps - S5 Series

## Features

- Cast iron construction
- Energy efficient permanent split capacitor (PSC) motor
- Piggy-back dual float switch with cage
- Deluxe controller monitors power conditions and sounds an alarm when
  - AC power is out or circuit breaker has tripped
  - Float has been raised for more than 10 minutes indicating service is needed
  - 9-volt battery needs replacement
- Output terminals for connection to a security system or auto-dialer
- Continuous duty rated
- Water cooled (no oil to leak)
- 20' pump cord
- Will fit in 10" diameter sump pit
- 5-year warranty

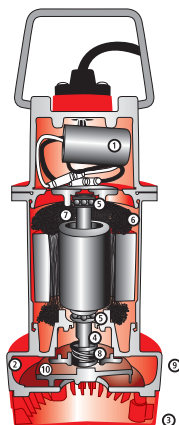
## Energy Savings

- Pump will pay for itself in just a few years
- Permanent split capacitor (PSC) motor and pump construction allow for lower amp draw
- S5033 will save an average of \$55 per year. The S5050 will save an average of \$37 per year (assumes industry average of 9.5 amps for ½ HP pumps and 10.5 amps for ½ HP pumps, \$.12 per kilowatt hour and running time of 5 minutes per hour)
- The S5033 pumps 7.4 gallons per watt hour (G/Wh) used, which is 230% more efficient than the competitive average of ½ HP sump pumps. The S5050 pumps 6.1 G/Wh used, which is 105% more efficient than the competitive average of ½ HP sump pumps



## Pump Construction

1. Permanent split capacitor increases energy efficiency
2. Cast iron housing
3. Chrome plated steel strainer
4. Stainless steel shaft & fasteners won't rust
5. Upper and lower sealed ball bearings
6. Water cooled; no oil to leak
7. Thermally protected
8. Two carbon ceramic shaft seals and one Buna N seal
9. 1½" outlet (S5033), 2" outlet (S5050)
10. Balanced cast iron impeller

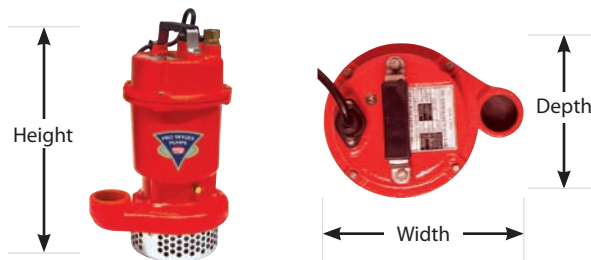


## Specifications

Pump	S5033	S5050
Flow @ 0 ft Head	4,260 GPH / 71 GPM	5,760 GPH / 96 GPM
Flow @ 10 ft Head	3,540 GPH / 59 GPM	4,980 GPH / 83 GPM
Gallons per watt hour	7.4 G/Wh	6.1 G/Wh
Max Head	26' (7.9 M)	36' (11.0 M)
Strainer	Chrome plated steel	Chrome plated steel
Discharge	1½"	2"
Motor HP/Type	½ HP - PSC Motor	½ HP - PSC Motor
Voltage	115V, 60Hz	115V, 60Hz
Amp. Draw @ 10 ft Head	4 Amps	6.8 Amps

## Dimensions

Pump	S5033	S5050
Width	8 ¾" (22.2 cm)	10" (25.4 cm)
Depth	6 ⅜" (16.2 cm)	7 ⅞" (20.0 cm)
Height	14" (35.6 cm)	15 ¼" (38.7 cm)
Weight	33 lbs (15 Kg)	40 lbs (18.1 Kg)



## Controller and Float Switches



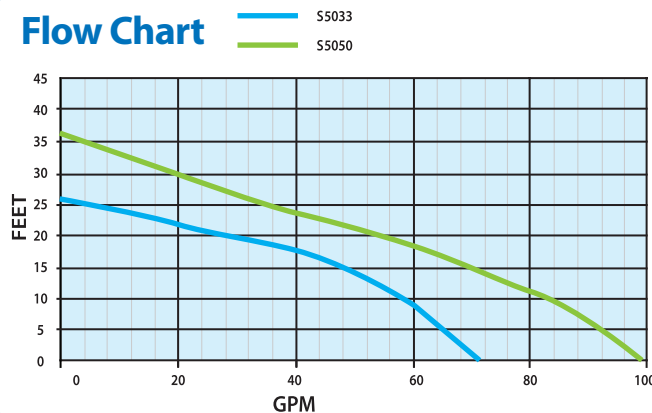
Monitors and alarms when power is out, float has been raised for 10 minutes and when 9-volt battery needs replacing

Backup float switch activates the pump when the water reaches the float

Protective cage prevents debris or wires from interfering with float operation

Primary float switch activates the pump which runs for 10 seconds after float drops

## Flow Chart



## Included with System

- Pump
- Deluxe Controller (DFC2) with caged dual float switch
- Stainless steel hose clamp
- S5050 includes 2" to 1½" reducer

Available from: