



# Primary Sump Pumps - ST Series



**ST1050 1/2 HP 3630 GPH @ 10'**  
Pumps 6.3 gallons per watt hour (G/Wh)\*

**ST1033 1/3 HP 2770 GPH @ 10'**  
Pumps 6.1 gallons per watt hour (G/Wh)\*



ST1050-DFC1

**18 month warranty**

### Models available:

- ST1033-NS, ST1050-NS (no switch - pump only)
- ST1033-DFC1, ST1050-DFC1 (includes Standard Controller with Dual Float Switch)
- ST1033-DFC2, ST1050-DFC2 (includes Deluxe Controller with Dual Float Switch)
- ST1033-USC3, ST1050-USC3 (includes Ultimate Controller with Ultimate Sensor)



- Cast iron / cast aluminum construction
- Energy efficient PSC motors
- Continuous duty rated



**Industrial Grade for the Residential Market**

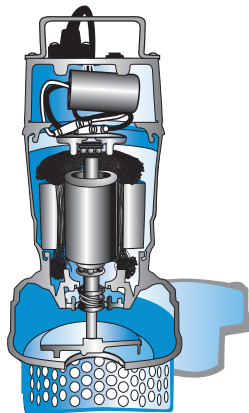
**www.stopflooding.com 800-991-0466**

\* 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 1/2 HP PHCC Pro Series ST1033 has a G/Wh of 6.1, the 1/2 HP ST1050 has a G/Wh of 6.3 - pumping 6.1 and 6.3 gallons of water respectively - per watt-hour used.

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## Pump Features and Construction

- Cast iron/cast aluminum construction
- Energy efficient permanent split capacitor (PSC) motor
- Continuous duty rated
- Thermally protected
- Water cooled (no oil to leak)
- Stainless steel shaft and fasteners
- Upper and lower sealed ball bearings
- Dual carbon/ceramic seals plus (1) Buna-N seal
- 10' Cord, pump and controller
- 1 1/2" outlet (ST1033), 2" outlet (ST1050)
- 18-month warranty



## Energy Savings



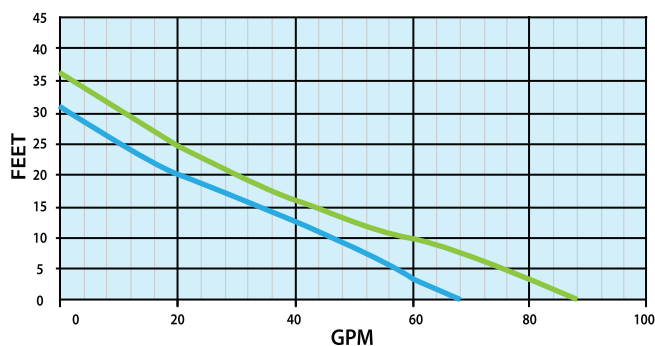
- The ST1033 pumps 6.1 gallons per watt hour (G/Wh), the ST1050 pumps 6.3 which is 172% and 111% more efficient than the competitive average of 1/3 and 1/2 HP sump pumps.
- ST Series pumps will save an average of \$57 per year (assumes industry average of 9.5 amps for 1/3 HP pumps and 10.5 amps for 1/2 HP pumps, \$.12 per kilowatt hour and running time of 5 minutes per hour)
- Pump will pay for itself in just a few years

## Specifications

Pump	ST1033	ST1050
Flow @ 0 ft Head	4100 GPH / 68.3 GPM	5300 GPH / 88.3 GPM
Flow @ 10 ft Head	2770 GPH / 46.1 GPM	3630 GPH / 60.5 GPM
Gallons per watt hour	6.1 G/Wh	6.3 G/Wh
Max Head	31 ft. (9.4 m)	36 ft. (11.0 m)
Strainer	Chrome plated steel	Chrome plated steel
Discharge	1 1/2" (3.8 cm)	2" (5.1 cm)
Motor HP/Type	1/3 HP - PSC Motor	1/2 HP - PSC Motor
Voltage	115 VAC, 60 Hz	115 VAC, 60 Hz
Amp. Draw @ 10 ft Head	3.8 Amps	4.8 Amps

## Flow Chart

— ST1033  
— ST1050



## Switches, Sensors and Controllers Comparison

	DFC1	DFC2	USC3
Includes Dual Float Switch	X	X	
Includes Ultimate Sensor			X
Sounds an alarm and alerts when:			
AC power has failed		X	X
Pump or float problem is detected		X	X
9v battery is low or slide switch is off		X	X
Sensor is unplugged from the controller or not operating			X
Includes export terminals for connecting to a remote dialer or home security system		X	X
Float switch/sensor can be unplugged from controller for easy installation		X	X
System is operating light (flashes)		X	X
Adjustable run time from 5-45 seconds after the water level falls		X	X
Activates pump weekly to exercise and extend pump life		X	X
Reliable, proven and patented Triac technology used in many industries			X
Universal controller mounting tabs		X	X
4' power cord		X	X
10' float switch/sensor cord	X	X	X
Piggy-back plug	X	X	X

## Dimensions

Pump	ST1033	ST1050
Width	7 1/2" (19.1 cm)	10" (25.4 cm)
Depth	5" (12.8 cm)	6 1/2" (16.5 cm)
Height	13 3/4" (34.9 cm)	16 1/4" (41.3 cm)
Weight	17 lbs (7.7 kg)	28 lbs (12.7 kg)

## Mix and Match Ordering

You now have the flexibility to order any pump with any switch or sensor

- **Option 1** – Order a pump and a switch or sensor as separate items
- **Option 2** – Order as a pre-packaged system with any switch or sensor in a single carton, ready for delivery

## Included with System

- ST1033-NS and ST1050-NS includes pump and instruction manual (No Switch)
- ST1033-DFC1 and ST1050-DFC1 includes pump, instruction manual and DFC1 dual float controller with caged switch
- ST1033-DFC2 and ST1050-DFC2 includes pump, instruction manual and DFC2 deluxe dual float controller with caged switch
- ST1033-USC3 and ST1050-USC3 includes pump, instruction manual and USC3 ultimate controller with ultimate sensor

Available from:

