





S3 Series



- ▶ Cast-iron/stainless-steel construction
- ▶ Available pumps: [1/8 HP](#), [1/2 HP](#) and [1 HP](#)
- ▶ Energy-efficient Permanent Split Capacitor (PSC) motor
- ▶ Premium pump construction
 - Water cooled motor (no cooling oil)
 - Upper and lower sealed ball bearings for ultra-quiet operation
 - Stainless-steel fasteners for long life
 - Dual carbon / ceramic seals plus (1) Buna-N-Seal
 - Thermally protected
- ▶ Continuous-duty rated
- ▶ Will fit in 10" diameter sump pit
- ▶ 5-year warranty when purchased from and installed by a contractor; otherwise warranty is 3 years

S2 Series



- ▶ All cast-iron construction
- ▶ Available pumps: [1/3 HP](#) and [1/2 HP](#)
- ▶ Energy-efficient permanent split capacitor (PSC) motor
- ▶ Premium pump construction
 - Cast-iron vortex impeller
 - Upper and lower sealed ball bearings for ultra-quiet operation
 - Stainless-steel fasteners for long life
 - Carbon/ceramic seals plus (1) Buna-N seal
 - Thermally protected
 - 10-foot power cord
- ▶ 1½-inch discharge
- ▶ Pumps solids up to 1/2 inch
- ▶ Strainer included
- ▶ **S2 Series Energy Savings:** Average \$45* per year
- ▶ 4-year warranty when purchased from and installed by a contractor; otherwise, warranty is 3 years

S/ST Series



- ▶ Cast-iron construction ([S1033](#))
- ▶ Cast-iron/cast-aluminum construction ([ST1050](#))
- ▶ Available pumps: 1/8 HP (S1033) and 1/2 HP (ST1050)
- ▶ Energy-efficient Permanent Split Capacitor (PSC) motor
- ▶ Premium pump construction
 - Water-cooled motor (no cooling oil)
 - Upper and lower sealed ball bearings for ultra-quiet operation
 - Stainless-steel fasteners for long life
 - Dual carbon/ceramic seals plus (1) Buna-N-Seal
 - Thermally protected
 - 10-foot power cord
- ▶ Continuous-duty rated
- ▶ Will fit in 10-inch diameter sump pit
- ▶ 3-year warranty when purchased from and installed by a contractor; otherwise warranty is 1½ years

We're
**PROS LIKE
YOU**



THE CAST IRON SUMP PUMP



Available from:

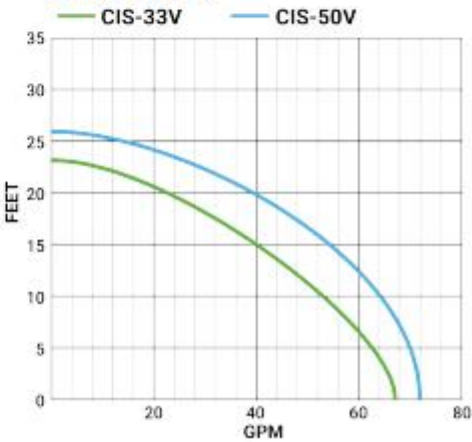
Features

- Cast-iron sump/effluent pump
- Energy-efficient permanent split capacitor (PSC) motor
- Includes built-in vertical switch
- Cast-iron vortex impeller
- Upper and lower ball bearings
- Carbon ceramic plus Buna N shaft seals
- Thermally protected
- Stainless-steel fasteners
- Pumps solids up to ½ inch
- Removable strainer
- 10-foot power cord (20-foot option available)
- 3-year limited warranty

Specifications

Model No.	CIS-33V	CIS-50V
Motor HP	½ HP	½ HP
GPM @ 10 ft	53	64
GPH @ 10 ft	3,200	3,840
Discharge	1.5 in/3.8 cm	1.5 in/3.8 cm
Amps @ 10 ft	5	5.5
Weight	21.1 lbs/9.6 kg	22.1 lbs/10 kg
Width	9 in/22.9 cm	9 in/22.9 cm
Depth	6.5 in/16.5 cm	6.5 in/16.5 cm
Height	11.75 in/29.8 cm	11.75 in/29.8 cm
Activation Level	7.125 in/18 cm	7.125 in/18 cm
Deactivation Level	2.25 in/5.7 cm	2.25 in/5.7 cm

Flow Chart





Reliability and Innovation

A Better Warranty

System	Contractor Installation	
	Model	Warranty
Battery Backup Pumps	All backup systems	3 years
Combination Pumps	PS-C33, PS-C50 PS-C11, PS-C22	4 years* 3 years
Energy-Efficient Sump Pumps	S3 Series	5 years*
	S2 Series	4 years*
	ST, S1 CIS	3 years* 3 years
	SR33-VS	18 months
Sewage Pumps	All sewage pumps	3 years
Chemical Pumps	All chemical pumps	1 year
Pump Alternator	All DVSA models	3 years

We stand behind our products and those who install them by offering warranties that can be relied on.

Premium components make our pumps dependable and durable, which allows us to offer better warranties that begin from the date of installation.

In a continued effort to support professional installers, we have increased the warranty on our most popular products when purchased and installed by a professional. Extending the warranties not only shows trust in our products but also trust in our professionals and gives your customers peace of mind.

The warranty on all Pro Series switches matches that of the Pro Series pumps when installed new together. Otherwise, a one-year warranty applies to the switch when installed separately or on another product.

The warranty on Pro Series batteries is one year from the date of installation, when used with a Pro Series battery backup or combination sump pump system.

*Applicable when purchased and installed by a contractor.

Extended Warranty when installed by licensed contractor.

Water Cooled designed to run continuously.

Split capacitor runs on less amperage.

Your Logo Here

Select the Sump Pump System that's best for you!



CIS-33V — Sump/Effluent Pump with Built-in Vertical Switch

- Pumps 3,000 GPH @ 10'
- Cast iron construction
- 1/3 HP energy efficient PSC motor
- Reliable built-in vertical switch
- Cast iron 6 blade vortex impeller
- Pumps submerge up to 10'
- Removable strainer
- 3 year warranty

\$ _____



S3033-DFC2 — Sump Pump with Dual Float with Deluxe Controller

Pumps:

- Pumps 3,000 GPH (46 GPM) at 10 ft. lift
- Cast iron / stainless steel construction
- 1/3 HP energy efficient PSC motor
- 5 year warranty

Deluxe Controller:

- Two float switches for added protection
- Sounds an alarm and alerts when power has failed, a pump or float problem is detected or the battery is low
- USB Data Port and Remote Terminal connect to external devices such as the Pro Series Pumps CONNECT module, or other devices for remote notification
- Exercises the pump weekly to extend pump life

\$ _____



PS-C33 — Combination System Battery Backup and Sump Pump

Primary Pump:

- Pumps 3,000 GPH (50 GPM) at 10 ft. lift
- Cast iron / stainless steel construction
- 1/3 HP energy efficient PSC motor

Backup Pump:

- 2,400 GPH (40 GPM) at 10 ft. lift
- Unique monitoring controller detects irregularities, sounds an alarm, pinpoints problems and solutions on control panel
- Runs pump weekly to test for proper operation & alerts if there is a pump problem
- Capped dual float switch for added reliability
- Receive notifications about your Pro Series 2400 backup sump pump system while away from home using a Pro Series CONNECT module
- Designed for use with maintenance-free batteries

E7040 Sewage Pump



- ▶ $\frac{4}{10}$ HP
- ▶ 4,440 GPH (74 GPM) at 10-foot lift
- ▶ Cast-iron/stainless-steel construction
- ▶ Energy-efficient permanent split capacitor (PSC) motor
- ▶ Handles 2-inch solids through a 2-inch discharge
- ▶ Continuous-duty rated
- ▶ Dual carbon/ceramic seals plus (1) Buna-N-Seal
- ▶ Upper and lower sealed ball bearings
- ▶ Stainless-steel fasteners
- ▶ Cast-iron impeller
- ▶ 3-year warranty

Flow Chart





Deluxe Controller

Controller Features:

- ▶ Monitors pump and power conditions and sounds an alarm when problems are detected
- ▶ Visual/audible notification and recommended maintenance remedy
- ▶ Activates pump weekly to exercise and extend pump life
- ▶ Pump run time is adjustable
- ▶ USB Data Port and Remote Terminal connect to external devices such as the PHCC Pro Series Pumps [CONNECT modules](#), home automation systems or other devices for remote notification
- ▶ **OPTIONAL** High Water Accessory will sound an alarm when the water has reached the high water sensor ([High Water Accessory Model No. PS-WS](#) - sold separately)



Enhanced Controller

Controller Features:

- ▶ Activates pump weekly to exercise and extend pump life
- ▶ LED confirms controller has power
- ▶ Pump run time is adjustable

Dual Float Switch



Vertical Switch



Piggy-back plug (120 VAC) Tether Switch



Tether Switch for use with controllers





Dual Activation Pump Alternator

Controller Features

- ▶ Prolongs pump life by alternating two primary pumps
- ▶ **NEW:** Runs **both** pumps at the same time if extra capacity is needed
- ▶ If one pump fails, the other pump will take over and an alarm will sound
- ▶ Flashing light will indicate which pump is failing
- ▶ Remote terminal allows the unit to connect to the [Pro Series WiFi Module](#), security system, auto dialer or other dry contact-based device
- ▶ **NEW:** Includes your choice of either (2) two low-voltage vertical float switches ([DVSA-VS](#)) or (2) two caged dual float switches ([DVSA-DF](#))
- ▶ If one float switch fails, the other float switch will take over and an audible alarm will sound
- ▶ **NEW:** Detachable float switch wires for easy installation
- ▶ Angled receptacles to accept standard or right-angled pump plugs
- ▶ **NEW:** Built-in circuit breakers for both pumps (**total 15 amps max**)
- ▶ High Water Alarm with accompanying LED indicator, audible alarm, and 9V battery backup
- ▶ 9-foot-long power cord

PS-C50 Combination Pumps



- ▶ Preassembled primary and backup sump pump makes installation quick and easy
- ▶ 3,900 GPH at 10 ft. lift ([S3050 primary pump](#))
- ▶ 2,400 GPH at 10 ft. lift ([2400 backup pump](#))
- ▶ Backup assists primary pump if excessive amounts of water enter the sump pit
- ▶ Remote-monitoring capability by adding a [Pro Series CONNECT Wifi Module](#), which sends real-time alerts via text, email or push notification about any issues or maintenance needed
- ▶ USB data port and remote terminals connect to external devices such as the [Pro Series CONNECT Wifi Module](#), home automation systems or other devices for remote notification
- ▶ (2) Caged dual float switches provide dependable activation for each pump
- ▶ Adjustable runtime (primary pump)
- ▶ System pumps intermittently for days
- ▶ Can run directly on AC power or battery power
- ▶ Automatically switches to battery power when AC fails
- ▶ Recharges battery automatically
- ▶ Designed for use with wet-cell or maintenance-free batteries
- ▶ Accommodates up to two (2) [B12-100 maintenance free AGM batteries](#) for 110 hours of pumping (based on 10% duty cycle—runtimes may vary based on inflow of water)
- ▶ 4-year warranty when purchased from and installed by a contractor; otherwise 3-year warranty

PS-C33 Combination Pumps



- ▶ Preassembled primary and backup sump pump makes installation quick and easy
- ▶ 3,000 GPH at 10 ft. lift ([S3033 primary pump](#))
- ▶ 2,400 GPH at 10 ft. lift ([2400 backup pump](#))
- ▶ Backup assists primary pump if excessive amounts of water enter the sump pit
- ▶ Remote-monitoring capability by adding a [Pro Series CONNECT WiFi Module](#), which sends real-time alerts via text, email or push notification about any issues or maintenance needed
- ▶ USB data port and remote terminals connect to external devices such as the [Pro Series CONNECT WiFi Module](#), home-automation systems or other devices for remote notification
- ▶ (2) Caged dual float switches provide dependable activation for each pump
- ▶ Adjustable runtime (primary pump)
- ▶ System pumps intermittently for days
- ▶ Can run directly on AC power and battery power
- ▶ Automatically switches to battery power when AC fails
- ▶ Recharges battery automatically
- ▶ Designed for use with maintenance-free and wet-cell batteries
- ▶ Accommodates up to two (2) [B12-100 maintenance free AGM batteries](#) for 110 hours of pumping (based on 10% duty cycle—runtimes may vary based on inflow of water)
- ▶ 4-year warranty when purchased from and installed by a contractor; otherwise, a 3-year warranty



Accessories

Standby Battery

Pro Series Standby Battery is designed to:

- Run the pump longer and for more hours per charge
- Last longer in standby operation
- Work with all backup and combination systems
- Pro Series backup systems are designed around the Pro Series Standby Battery for guaranteed compatibility

Maintenance-Free AGM Standby Battery

- Provides dependable service without having to add distilled water
- Needs no acid to activate

Pumping Time	Maintenance-Free Battery	
System	B12-100	(2) B12-100 with PJC
PHCC-1000	110 hours*	Not recommended
PHCC-1850	70 hours*	140 hours*
PHCC-2400	55 hours*	110 hours*

*Based on 10% duty cycle. Runtimes may vary based on inflow of water.

Specifications	
Height (Top of Post)	9 1/2 in
Length	12 in
Width	6 1/2 in
Voltage	12 VDC
Shipping Weight	57 lb
Case Size	31
Amp hours	100



B12-100

Battery Accessories | Parallel Jumper Cable

- Parallel Jumper Cable connects multiple Pro Series batteries to extend runtime
- PS-C22, PS-C33, PS-C50 combination systems
- PHCC-1850, PHCC-2400 battery backups
- 12-gauge wires, 40-inch length with 1/4-inch and 3/16-inch ring terminals



PJC



1897CIS33V	CIS-33V 1/3HP CI SUMP PUMP
1897CIS50V	CIS-50V 1/2HP SUMP PUMP
1897PSWIFI2	PS-WIFI2 PRO SER CONNECT MODUL
1897B12100	B12-100 STANDBY BATTERY
1897PSC33	PS-C33 PRO SERIES ASSMBLD PUMP
1897PSC22	PS-C22 PAIR OF PUMPS
1897S3033NS	S3033-NS 1/3HP SS SUMP PUMP
1897S1033DFC15	S1033-DFC1.5 SUMP PUMP 1/3HP
1897E7040NS	E7040-NS 4/10HP SEWAGE PUMP
1897DFC15	DFC1.5 ENHANCED DUAL FLOAT CTR
1897DFC2	DFC2 DELUXE FLOAT & CONTROLLE
1897VSC2	VSC2 VERT SWITCH W/DELUX CTRL
1897DVSAVS	DVSA-VS VERTICAL FLOAT SWITCH
1897E7055NS	E7055-NS 1/2HP SEWAGE PUMP
1897PHCC1000	PHCC-1000 BACKUP SUMP PUMP
1897PHCC1850	PHCC-1850 BACKUP SUMP PUMP
1897PHCC2400	PHCC2400 BACK UP SUMP PUMP
1897PJC	PJC PARALLEL JUMPER CABLES
1897PSCVKSRRU15	PS-CVKSRU15 1-1/2 CHECK VALVE
1897PSC50	PS-C50 COMBO PRI/BACKUP S PUMP
1897PSMP	PS-MP 1-1/2 PRE-ASSY DISCONNEC
1897PSWS	PS-WS WATER SENSOR FOR DFC
1897PWA2	PWA2 BATT OPER WATER ALARM
1897S1033NS	S1033-NS 1/3HP PUMP CAST
1897S2033NS	S2033-NS 1/3HP EFFLUENT PUMP
1897S3033DFC2	1/3HP CI PUMP W/ FLOAT+CNTL
1897S3050NS	S3050-NS SUMP 1/2HP STAINLESS
1897VS	VS VERTICAL FLOAT SWITCH
1897VSC15	VSC1.5 VERTICAL PUMP SWITCH
18971011013	PUMP 2400 ONLY 1011013
1897DVSA DF	DVSA-DF PUMP ALT W/DUAL FLOATS
060SS2050NS	S2050-NS 1/2HP 3600 PUMP ONLY
1897CL7	CL7 CLENIT SUMP PIT CLEANER

