



With Primary Pump  
49DE64

With Primary Pump  
10V134

Without Primary Pump  
48ZJ81

## Back-up and Primary Sump Pump Combinations

- 1 1/2" discharge

Systems come with a battery-powered, back-up pump and often include a back-up pump and a primary pump all contained in one unit. For use in a basement sump pit and automatically sound an alarm and activate a back-up sump pump when the primary sump pump malfunctions or when the main electrical power supply fails. For indoor use only; battery sold separately.

**Back-up with Primary Pump**—Have a battery-powered, back-up pump and a primary pump all contained in one unit. Include a controller and battery case.

**Back-up without Primary Pump**—Include a back-up sump pump, controller, and battery case.

HP*	Switch Actuation	Flow Rate @ 10 Ft. of Head (gpm)*	Min. Sump Pit Dia.	Max. Head (ft.)*	Body Material*	Max. Liquid Temp.	Cord Length (ft.)*	Brand	Mfr. Model	Item No.
<b>Back-up with Primary Pump</b>										
3/10 (P); 1/2 (S)	Vertical Float	34.0 (P); 30.0 (S)	18 in	19.0 ft (P); 22.0 ft (S)	Cl (P)	130 °F	9 ft	Zoeller	508-0010	49DE63
3/10 (P); 1/2 (S)	Vertical Float	34.0 (P); 30.0 (S)	18 in	19.0 ft (P); 22.0 ft (S)	Cl (P); PL (S)	130 °F	9 ft	Zoeller	508-0018	54XM27
1/2 (P)	Vertical Float	30.0 (P); 16.0 (S)	15 in	21.0 ft (P); 24.0 ft (S)	A (P); ABS (S)	140 °F	10 ft(P); 8 ft(S)	Liberty Pumps	PC237-441	10V134
1/2 (P)	Vertical Float	36.0 (P); 30.0 (S)	15 in	23.0 ft (P); 21.0 ft (S)	Cl (P); PL (S)	104 °F	10 ft(P); 8 ft(S)	Liberty Pumps	PC257-442-10A-EYE	54TY48
1/2 (S)	Vertical Float	30.0 (P); 30.0 (S)	12 in	22.0 ft (P)	Cl (P); PL (S)	130 °F	—	Zoeller	508-0017	54XM26
1/2 (P); 1/4 (S)	Dual Micro Reed	46.2 (P); 16.7 (S)	12 in	29.0 ft (P); 15.0 ft (S)	CA (P); ABS (S); Cl (P)	104 °F	10 ft	Pro Series	PS-C11	4CUK4
1/2 (P); 1/2 (S)	Dual Micro Reed	46.2 (P); 30.9 (S)	11 in	29.0 ft (P)	CA (P); ABS (S); Cl (P)	104 °F	10 ft	Pro Series	PS-C22	4CUK3
1/2 (P); 1/2 (S)	Dual Micro Reed	50.0 (P); 40.0 (S)	11 in	30.0 ft (P)	Cl, SS (P); ABS (S)	104 °F	10 ft	Pro Series	PS-C33	4CUK2
1/2 (P)	Diaphragm	57.0 (P); 24.0 (S)	—	36.0 ft (P); 23.0 ft (S)	Cl (P); PL (S)	120 °F	10 ft(P); 6 ft(S)	Little Giant	506410	48ZJ80
1/2 (P); 1/2 (S)	Vertical Float	44.0 (P); 16.0 (S)	15 in	34.0 ft (P); 24.0 ft (S)	A (P); ABS (S)	140 °F	10 ft(P); 8 ft(S)	Liberty Pumps	PC457-441	10V135
1/2 (P); 1/2 (S)	Vertical Float	61.0 (P); 30.0 (S)	18 in	23.0 ft (P); 22.0 ft (S)	Cl (P)	130 °F	9 ft	Zoeller	508-0011	49DE64
1/2 (P); 1/2 (S)	Vertical Float	61.0 (P); 30.0 (S)	18 in	23.0 ft (P); 22.0 ft (S)	Cl (P); PL (S)	130 °F	9 ft	Zoeller	508-0019	54XM28
<b>Back-up without Primary Pump</b>										
1/2 (P)	Diaphragm	20.0 (P)	10 in	20.0 ft (P); 20.0 ft (S)	Acetal (P)	120 °F	6 ft	Little Giant	506406	48ZJ81
1/2 (P)	Diaphragm	50.0 (P); 20.0 (S)	—	28.0 ft (P); 20.0 ft (S)	Cl (P); PL (S)	120 °F	10 ft	Little Giant	506411	48ZJ79
1/2 (P)	Diaphragm	24.0 (P)	10 in	20.0 ft (P); 23.0 ft (S)	Acetal (P)	120 °F	6 ft	Little Giant	506407	48ZJ82

\* (P) = primary pump, (S) = secondary pump. A = aluminum, CA = cast aluminum, Cl = cast iron, PL = plastic, SS = stainless steel.



4NE46

1APP3

54JG89



## Battery-Powered Back-up Sump Pumps

- Max. liquid temp.: 104°F, except 2RXT7 is 130°F

Provide additional hours of protection against flooding when the primary pump stops operating due to mechanical failure or an electrical power outage. They automatically start when the primary pump fails and don't require corded electrical power. Pumps are suitable for use in most sump pits and ideal for locations where electric power is unreliable. Battery is not included.

HP	Switch Actuation	Flow Rate @ 10 Ft. of Head (gpm)	Min. Sump Pit Dia.	Max. Head	Pump Body Material	Cord Length	Required Battery	Brand	Mfr. Model	Item No.
<b>1 1/4 in FNPT Discharge</b>										
1/4 hp	Dual Micro Reed	16.6 gpm	12 in	15 ft	ABS	8 ft	—	PHCC Pro Series	PHCC-1000	4NE46
1/2 hp	Dual Micro Reed	30.8 gpm	12 in	16 ft	ABS	8 ft	—	PHCC Pro Series	PHCC-1850	4NE45
<b>1 1/2 in FNPT Discharge</b>										
1/2 hp	Dual Micro Reed	40 gpm	12 in	17 ft	ABS	8 ft	—	PHCC Pro Series	PHCC-2400	1APP3
1/2 hp	Vertical Float	36 gpm	18 in	20 ft	Cast Iron	5 ft	2RXT8	Zoeller	585-0008	2RXT7
—	No Switch Included	30 gpm	16 in	22 ft	ABS	8 ft	(2) Group 27 or 31 Batteries	Liberty Pumps	442-25A-EYE	54JG90
—	No Switch Included	30 gpm	16 in	22 ft	ABS	8 ft	Group 27 or 31 Battery	Liberty Pumps	442-10A-EYE	54JG89



## Sump Pump Batteries and Battery Acid

Batteries supply power to operate a backup pump during power outages or mechanical failures to prevent flooding or water damage.

**Maintenance Free AGM**—Sealed lead acid batteries don't require fluid levels to be checked and maintained, and are for use in installations where batteries won't be regularly monitored.

**Wet Cell**—Cost-effective power supply for applications where batteries will be regularly checked and maintained. They require filling with battery acid before installation. The acid will evaporate over time and needs to be replenished to ensure proper operation.



2RXT8



4NE47



5WG11

**Battery Acid**—Sulfuric acid solution must be added to new wet cell batteries prior to installation and is used to replenish acid in existing installations. The acid ships separately from a battery.

Voltage	Continuous Run Time Rating	Capacity	H	W	D	For Use With	Brand	Mfr. Model	Item No.
<b>Maintenance Free AGM</b>									
12V DC	6.5 to 11 hr	100 Ah	7.125 in	6.5 in	12 in	—	PHCC Pro Series	B12-100	60NL75
12V DC	7 hr	100 Ah	10 in	7.5 in	12.75 in	585-0008	Zoeller	10-2362	2RXT8
<b>Wet Cell</b>									
12V DC	6 hr	70 Ah	7.5 in	6.5 in	11 in	5WG11	PHCC Pro Series	B-1000	4NE48
12V DC	6.5 to 11 hr	140 Ah	8 in	6.75 in	12.75 in	5WG11	PHCC Pro Series	B-2200	4NE47
<b>Container Size</b>									
<b>Battery Acid</b>			For Use With			Brand		Item No.	
6 qt			4NE47, 4NE48			PHCC Pro Series		5WG11	