

Compact Primary and Backup Pump System

SPC03301K



Primary Pump	1/3 HP	4000 GPH
Backup Pump	1/16 HP	1800 GPH

- Designed to protect basements from flooding during a power outage or when extra pumping capacity is required
- System includes: primary pump and switch, backup pump and switch, alarm system, charger and battery control box (battery not included)

Primary Pump

- Stainless steel pump housing
- Built-in vertical switch for reliable and maintenance free operation
- Heavy-duty, energy-efficient, PSC motor with thermal overload protection
- Lubricated ball bearings and shaft seal for long life

Backup Pump

- High flow battery backup DC pump
- Corrosion-resistant reinforced thermoplastic construction
- Water-cooled, high efficiency motor for extended operation



Performance

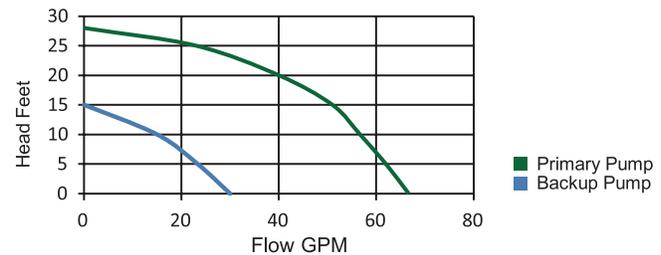
Model No.	HP	Discharge Flow (GPH)						
		0	5	10	15	20	25	Max. lift
Backup Pump	1/16	1800	1400	900	0	/	/	15'
Primary Pump	1/3	4000	3720	3400	3060	2400	1380	28'

Application	
Submersible sump pump for typical residential applications	
Voltage	115
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	Permanent Split Capacitor (PSC)
Insulation	Class B
Circuit requirements	15 AMP
Duty rating	Continuous*
Shaft seal	Mechanical seal
Motor Shaft	Stainless steel
Upper motor bearing	Ball bearing
Lower motor bearing	Ball bearing
Cooling	Oil cooled
Motor protection	Auto reset thermal overload protector
*For continuous, the water depth must be at least 6" to prevent the motor from overheating	

Pump Specifications	
Discharge size	1-1/2" FNPT (with 1-1/2" Quick Connect Fitting)
Cord Length	10'
Cord type	SJTW 18AWG/3C, UL list
Pump Housing	Cast iron
Pump Base	Cast iron
Impeller material	Reinforced thermoplastic
Gasket	Rubber
Solids handling	1/4" spherical
Liquid temp. range	32°-95°F
Operation	Automatic
Fasteners	Stainless steel

Automatic Switch Specifications	
Type	Wide Angle Tethered
Switch on point	14.6"
Switch off point	6.3"
Material	Reinforced Thermoplastic
Cord Length	10'
Cord type	SJOW 18AWG/2C, UL list
Sump basin	Min. 14 in. (356 mm) diameter, 18 in. (457 mm) depth

Performance



Model	HP	Amps	Dis-charge Height(ft)	0	5	10	15	20	25						
				GPM	GPH	GPM	GPH	GPM	GPH	GPM	GPH				
SPC03301K (Primary Pump)	1/3	6.1		67	4000	62	3720	57	3400	51	3060	40	2400	23	1380
Backup Pump	1/16	/		30	1800	23	1400	15	900	0	0				

Dimensions

