

Stainless Steel/Cast Iron **Sump Pumps**

SPS03301VDK | 1/3 HP | 4000 GPH

SPS05001VDK | 1/2 HP | 4200 GPH

SPS06001VDK | 3/4 HP | 4800 GPH

SPS07501VDK | 1 HP | 5100 GPH



- Stainless steel pump housing, rugged cast iron base and seal plate maximizes pump life
- Built in vertical switch for reliable and maintenance free operation
- Lubricated ball bearings and shaft seal for long life
- Volute top suction design filters debris and minimizes clogging, reduces airlocks
- Heavy-duty, energy-efficient, PSC oil-filled motor with thermal overload protection
- 1-1/2" or 1-1/4" (with adapter) female NPT discharge for easy installation without any plumbing changes

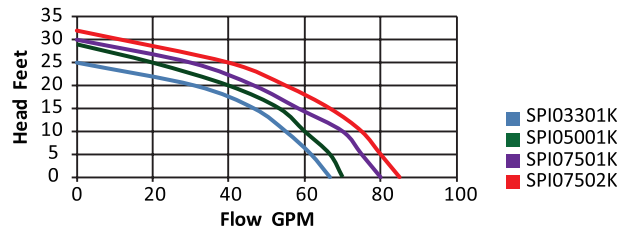


Performance

Model No.	HP	Discharge Flow (GPH)						Max. lift
		0'	5'	10'	15'	20'	25'	
SPS03301VDK	1/3	4000	3720	3400	3060	2400	1380	28'
SPS05001VDK	1/2	4200	4000	3700	3250	2600	1600	29'
SPS06001VDK	3/4	4800	4500	4200	3500	2800	1800	30'
SPS07501VDK	1	5100	4800	4500	4000	3300	2400	32'

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	Lip 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 & 1-1/4"FNPT
Cord Length	10'
Cord type	SJTW 18AWG/3C, UL list
Pump Housing	Stainless steel
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	Vertical
Switch on point	7.1"/7.5"
Switch off point	3.7"/4.1"
Material	Reinforced thermoplastic
Cord Length	10'
Cord type	SJTW 18AWG/2C, UL list
Sump basin	Min. 10 in. (356 mm) diameter, 14 in. (457 mm) depth

Performance



Model	HP	Amps	Discharge Height(ft)	0	5	10	15	20	25						
				GPM	GPH	GPM	GPH	GPM	GPH	GPM	GPH				
SPS03301VDK	1/3	6.1		67	4000	62	3700	55	3300	47	2800	31	1860	0	0
SPS05001VDK	1/2	6.5		70	4200	67	4000	60	3600	53	3200	40	2400	20	1200
SPS06001VDK	3/4	8.4		80	4800	75	4500	70	4200	58	3500	47	2800	30	1800
SPS07501VDK	1	6.5		85	5100	80	4800	75	4500	67	4000	55	3300	40	2400

Dimensions

