

Cast Aluminum Sump Pumps

SPA02501VDK | 1/4 HP | 3450 GPH

SPA03301VDK | 1/3 HP | 3600 GPH

SPA05001VDK | 1/2 HP | 4100 GPH



- Epoxy-coated aluminum motor housing dissipates heat to promote efficient motor cooling
- Direct-in Vertical float switch for automatic operation, will operate in basins 10" in diameter or larger
- Top suction design filters debris and minimizes clogging, reduces airlocks
- Heavy-duty, energy efficient PSC motor with thermal overload protection
- Oil-filled motor provides continuous lubrication and extends the life of the pump
- 1-1/2" or 1-1/4" (with adapter) female NPT discharge for easy installation



Performance

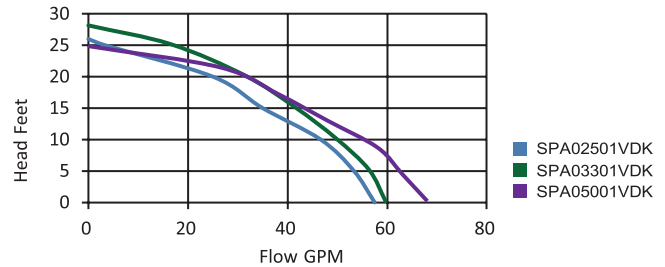
Model No.	HP	Discharge Flow (GPH)						Max. lift
		0'	5'	10'	15'	20'	25'	
SPA02501VDK	1/4	3450	3200	2800	2100	1500	200	26'
SPA03301VDK	1/3	3600	3400	3000	2500	1900	1000	28'
SPA05001VDK	1/2	4100	3800	3500	2900	2300	1600	29'

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	Aluminium Alloy
Pump Base	Reinforced thermoplastic
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	6.7"
Switch off point	3.5"
Material	Reinforced thermoplastic
Cord Length	10'
Cord type	SJTW 18AWG/2C, UL list

Performance



Model	HP	Amps	Dis-charge Height(ft)	0	5	10	15	20	25
				GPM	GPH	GPM	GPH	GPM	GPH
SPA02501VDK	1/4	6.4	58	58	53	47	35	25	3
				3450	3200	2800	2100	1500	200
SPA03301VDK	1/3	7.6	60	60	57	50	42	32	17
				3600	3400	3000	2500	1900	1000
SPA05001VDK	1/2	6.5	68	68	63	58	48	38	27
				4100	3800	3500	2900	2300	1600

Dimensions

