

Cast Iron Sump Pumps

SPI03303VPK | 1/3 HP | 3800 GPH

SPI05003VPK | 1/2 HP | 4300 GPH



- Heavy-duty cast iron construction ideal for applications requiring a rugged submersible pump
- Built-in Vertical Switch for reliable and maintenance free operation
- Quick Connect Fitting allows for installation in seconds
- Lubricated ball bearings and shaft seal for long life
- Energy-efficient, PSC oil-free motor with thermal overload protection
- Non-clog Vortex Impeller



Performance

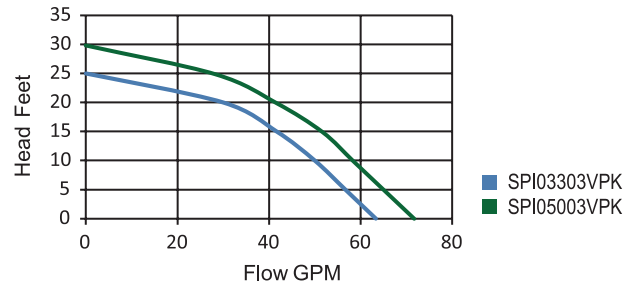
Model No.	HP	Discharge Flow (GPH)							Max. lift
		0'	5'	10'	15'	20'	25'		
SPI03303VPK	1/3	3800	3400	3000	2500	1800	—	25'	
SPI05003VPK	1/2	4300	3900	3500	3100	2500	1700	30'	

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	Water 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	Vertical
Switch on point	7.1"
Switch off point	3.7"
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	Dis-charge Height(ft)	0	5	10	15	20	25
				GPM	GPH	GPM	GPH	GPM	GPH
SPI03303VPK	1/3	4	GPM	63	57	50	42	30	0
				GPH	3800	3400	3000	2500	1800
SPI05003VPK	1/2	4.7	GPM	72	65	58	52	42	28
				GPH	4300	3900	3500	3100	2500

Dimensions

