

Variable Speed Pool Pump

Self priming design for Inground Pools

PPV10001SPK	1 HP	(High speed) 72 GPM	(Medium speed) 39 GPM	(Low speed) 22 GPM
PPV15001SPK	1-1/2 HP	(High speed) 95 GPM	(Medium speed) 50 GPM	(Low speed) 30 GPM



- Delivers up to 80% energy savings compared to single speed pool pumps
- Permanent magnet, 230V totally enclosed fan-cooled (TEFC) motor provides ultra-quiet operation reliability and maximum energy efficiency
- Control Panel displays current operation and programs up to 4 timed operating modes per day
- Durable Polymer construction resists corrosion
- Includes two 1-1/2" Union Connections for quick and easy installation and servicing
- Features an industrial size strainer basket to collect debris, lengthens time between cleanings
- Viton pump seal provides resistance against chemical imbalances in the water
- 1-1/2" NPT Suction and Discharge size

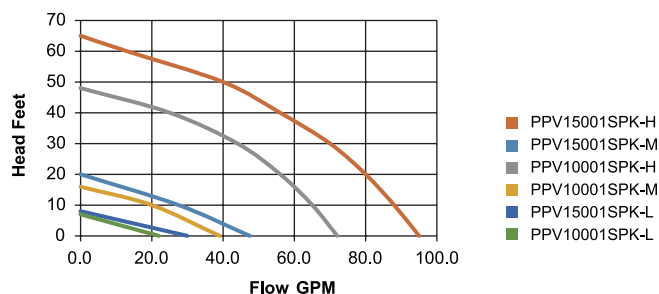


Performance

GPM of Water Total Feet Of Lift (high speed)							Max. Pressure	Total HP	Rated HP	Service Factor	Union Connectors
Model No.	HP	0 ft	10 ft.	20 ft.	30 ft.	40 ft.					
PPV10001SPK	1	72	65	56	44	25	21 PSI	1	1	1	1-1/2
PPV15001SPK	1-1/2	95	88	80	70	56	28 PSI	1-1/2	1-1/2	1	1-1/2
GPM of Water Total Feet Of Lift (Medium speed)							Max. Pressure	Total HP	Rated HP	Service Factor	Union Connectors
Model No.	HP	0 ft	10 ft.	20 ft.	30 ft.	40 ft.					
PPV10001SPK	1	39	20	/	/	/	7 PSI	1/4	1/4	1	1-1/2
PPV15001SPK	1-1/2	50	32	7	/	/	9 PSI	3/8	3/8	1	1-1/2
GPM of Water Total Feet Of Lift (low speed)							Max. Pressure	Total HP	Rated HP	Service Factor	Union Connectors
Model No.	HP	0 ft	10 ft.	20 ft.	30 ft.	40 ft.					
PPV10001SPK	1	22	/	/	/	/	3 PSI	1/16	1/16	1	1-1/2
PPV15001SPK	1-1/2	30	/	/	/	/	3 PSI	1/10	1/10	1	1-1/2

Application	
Ideal for recycling and filtering the water in the pool	
Voltage	230
Hertz	60
Phase	Single
RPM	600-3500RPM
Motor type	PMSM
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	Fan cooled
Motor protection	Auto reset thermal overload protector
CEC/DOE Compliant	1 HP, 1.5 HP
CSA listed	Yes
THP-Total Horsepower	1 HP, 1.5 HP
Motor Enclosure	TEFC
Pump Specifications	
Discharge size	1-1/2"
Suction size	1-1/2"
Pump Housing	Reinforced thermoplastic
Pump Base	Reinforced thermoplastic
Diffuser	Reinforced thermoplastic
Impeller material	Reinforced thermoplastic
Gasket	Rubber
Solids handling	0" spherical
Liquid temp.range	32°-100°F
Fasteners	Steel
WEF - Weighted Energy Factor	7.5 for 1 HP 5.3 for 1.5 HP
Seal	Viton
Union Connections	2 kits, 1-1/2" FNPT

Performance



GPH/GPM of Water @ Total Feet Of Lift											
Model	HP	Amps	Speed		0	10	20	30	40	50	Max. Lift
PPV10001 SPK	1	3.2	High	GPM	72	65	56	44	25	/	48
		1	Medium	GPM	39	20	/	/	/	/	16
		0.5	Low	GPM	22	/	/	/	/	/	7
PPV15001 SPK	1.5	5	High	GPM	95	88	80	70	56	40	65
		1.2	Medium	GPM	50	32	7	/	/	/	22
		0.7	Low	GPM	30	/	/	/	/	/	8

Dimensions

