

## 2-Speed Pool Pump

Self priming design for Inground and Aboveground Pools



<b>PPI10001SPK</b>	<b>1 HP</b>	(High speed) <b>75 GPM</b>	(Low speed) <b>37 GPM</b>
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<b>PPI15001SPK</b>	<b>1-1/2 HP</b>	(High speed) <b>96 GPM</b>	(Low speed) <b>48 GPM</b>
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- Heavy-duty, 230V motor operates at both low and high speeds
- Open Drip Proof (ODP) motor with automatic thermal overload protection
- Durable Polymer construction resists corrosion
- Includes two 1-1/2" Union Connectors 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

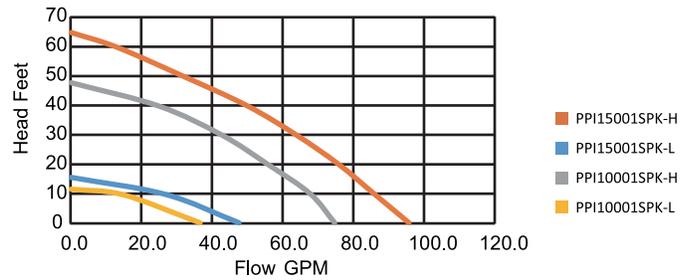


### Performance

Model No.	HP	GPM of Water Total Feet Of Lift (high speed)			Max. Pressure	Total HP	Rated HP	Service Factor	Union Connectors
		0 ft	10 ft.	20 ft.					
<b>PPI10001SPK</b>	1	75	68	56	21 PSI	1	1	1	1-1/2
<b>PPI15001SPK</b>	1-1/2	96	86	76	28 PSI	1-1/2	1-1/2	1	1-1/2
GPM of Water Total Feet Of Lift (low speed)									
<b>PPI10001SPK</b>	1	37	15	/	6 PSI	1/6	1/6	1	1-1/2
<b>PPI15001SPK</b>	1-1/2	48	27	/	7 PSI	1/4	1/4	1	1-1/2

Application	
Ideal for recycling and filtering the water in the pool	
Voltage	230
Hertz	60
Phase	Single
RPM	3450/1725RPM
Motor type	Capacitor Star (CS)
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
DOE Compliant	1 HP, 1.5 HP
CSA listed	1396017
THP-Total Horsepower	1 HP, 1.5 HP
Motor Enclosure	ODP
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	4.6 for 1.5 HP
Seal	Viton
Union Connections	2 kits, 1-1/2" FNPT

## Performance



Discharge flow at high speed									
Model	HP	Amps	Depth to water	0	10	20	30	40	50
				GPM	GPH	GPM	GPH	GPM	GPH
PPI10001SPK	1	5.1	GPM	75.0	68.0	56.0	43.3	25.0	/
				GPH	4500	4080	3360	2598	1500
PPI15001SPK	1.5	6.6	GPM	96.0	86.0	76.0	64.0	50.0	32.0
				GPH	5760	5160	4560	3840	3000

Discharge flow at low speed					
Model	HP	Amps	Depth to water	0	10
				GPM	GPH
PPI10001SPK	1	2.5 A	GPM	37.0	15.0
				GPH	2220
PPI15001SPK	1.5	1.8 A	GPM	48.0	27.0
				GPH	2880

## Dimensions

