

Cast Iron Shallow Well Jet Pumps

WPS05004K	1/2 HP	14.5 GPM
WPS07504K	3/4 HP	19.5 GPM
WPS10004K	1 HP	25.5 GPM



- Rugged cast iron construction
- Shallow well application for water at depths up to 25' deep
- Superior Performance
- Heavy-duty, dual-voltage 115/230V motor, pre-set at 230V
- Self-priming after pump housing is initially filled
- Prewired Pressure Switch: preset for 30/50 PSI operation

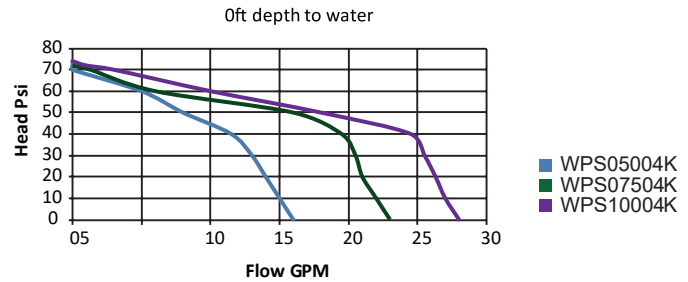


Performance (GPM) at 40 PSI Discharge Pressure

Model No.	HP	Depth to Water						Max pressure shutoff	Voltage	Pressure switch	
		0'	5'	10'	15'	20'	25'			ON	OFF
WPS05004K	1/2	14.5	13.5	12.5	11.3	9.2	7	70 PSI	230/115	30	50
WPS07504K	3/4	19.5	18.5	17.5	15.5	13.5	10	72 PSI	230/115	30	50
WPS10004K	1	25.5	24.5	22.5	21	17	12.7	74 PSI	230/115	30	50

Application	
The shallow well jet pump can pump water where the water is located less than 25 feet vertically from the pump.	
Voltage	115/230
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	CSIR
Insulation	Class B
Circuit requirements	20/15 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
Pump Specifications	
Discharge size	1"NPT
Suction size	1-1/4"NPT
Pump Housing	Cast iron
Pump Base	Cast iron
Diffuser	reinforced thermoplastic
Impeller material	reinforced thermoplastic
Gasket	rubber
Solids handling	0"spherical
Liquid temp.range	32°-95°F
Operation	automatic
Fasteners	Steel
Automatic Switch Specifications	
Type	Pressure Switch
Switch on point	30PSI
Switch off point	50PSI
Material	Reinforced Thermoplastic

Performance



Performance at 30 PSI Discharge Pressure									
Model	HP	Amps	Depth to water	0'	5'	10'	15'	20'	25'
				GPM	GPH	GPM	GPH	GPM	GPH
WPS05004K	1/2	12.4 /6.2 A	GPM	14.5	13.5	12.5	11.3	9.2	7
			GPH	870	810	750	678	552	420
WPS07504K	3/4	15.8 /7.9 A	GPM	19.5	18.5	17.5	15.5	13.5	10
			GPH	1170	1110	1050	930	810	600
WPS10004K	1	17.6 /8.8 A	GPM	25.5	24.5	22.5	21	17	12.7
			GPH	1530	1470	1350	1260	1020	762

Dimensions

