

Cast Iron Shallow Well Jet Pumps

WPS05002K | **1/2 HP** | **7.2 GPM**

WPS07502K | **3/4 HP** | **9.2 GPM**

WPS10002K | **1 HP** | **14.0 GPM**



- Rugged cast iron construction
- Shallow well application for water at depths up to 25' deep
- Heavy-duty, dual-voltage 115/230V motor, pre-set at 230V
- Self-priming after pump housing is initially filled
- 30/50 pressure switch
- Preinstalled pressure gauge

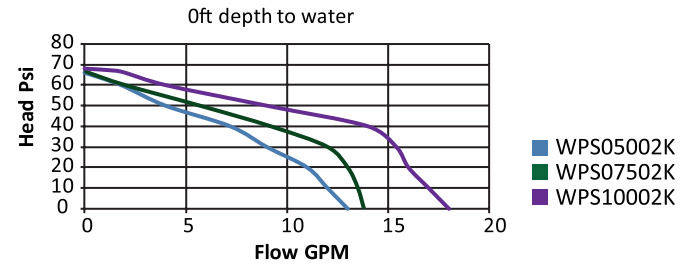


Performance (GPM) at 40 PSI Discharge Pressure

Model No.	HP	Depth to Water						Max pressure shutoff	Voltage	Pressure switch	
		0'	5'	10'	15'	20'	25'			ON	OFF
WPS05002K	1/2	7.2	6.5	6.0	5.5	5.0	4.5	66 PSI	230/115	30	50
WPS07502K	3/4	9.2	9.0	8.1	7.4	6.8	5.8	67 PSI	230/115	30	50
WPS10002K	1	14.0	12.6	12.0	10.5	9.2	7.0	67 PSI	230/115	30	50

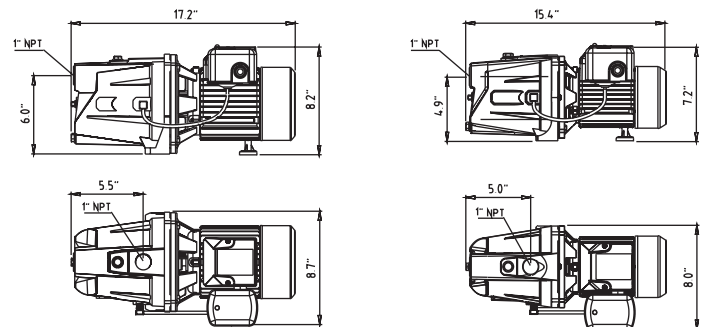
Application	
The shallow well jet pump can pump water where the water is located less than 25 feet vertically from the pump.	
Voltage	115/230
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	Permanent Split Capacitor (PSC)
Insulation	Class B
Circuit requirements	20/15 AMP
Duty rating	Continuous*
Shaft seal	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"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 40 PSI Discharge Pressure									
Model	HP	Amps	Depth to water	0'	5'	10'	15'	20'	25'
WPS05002K	1/2	7/3.5A	GPM	7	6.5	6.0	5.5	5.0	4.5
			GPH	432	390	360	330	300	270
WPS07502K	3/4	8/4A	GPM	9.2	9	8.1	7.4	6.8	5.8
			GPH	552	540	486	444	408	348
WPS10002K	1	11.8 /5.9	GPM	14	12.6	12	10.5	9.2	7
			GPH	840	756	720	630	552	420

Dimensions



WPS10002K

WPS05002K
WPS07502K