

Cast Iron Shallow Well Jet Pump and Tank System

WPS05002TK | **1/2 HP** | **7.2 GPM**



- Rugged cast iron construction
- Premium performance at water depths up to 25'
- 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
WPS05002TK	1/2	7.2	6.5	6.0	5.5	5.0	4.5	66 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

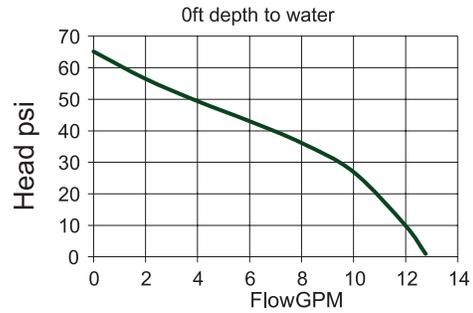
Pump Specifications

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'
WP-S05002TK	1/2	6.6/3.3	GPM	7	6.5	6.0	5.5	5.0	4.5
			GPH	432	390	360	330	300	270

Dimensions

