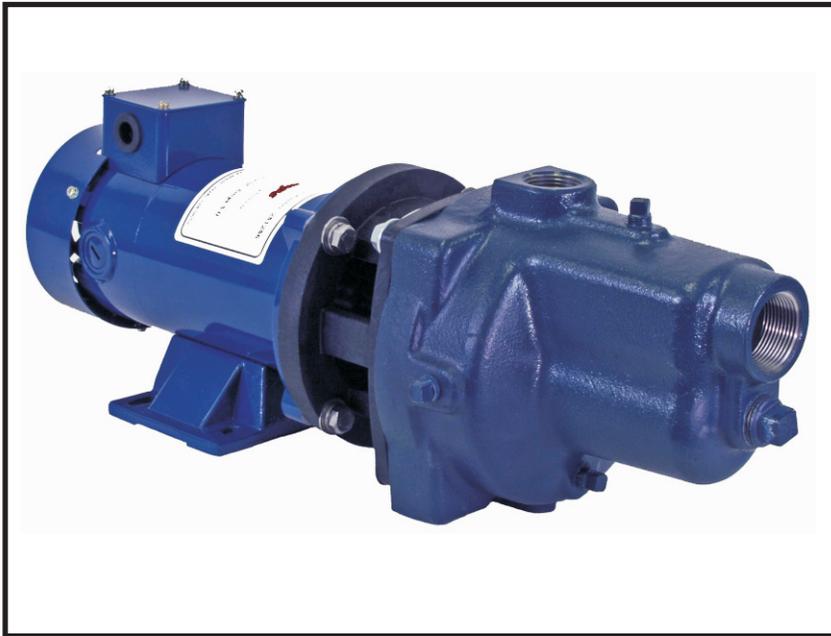




2 to 19 GPM
7.5 to 72 LPM

SJT-05-90BT SOLAR POWERED SHALLOW WELL JET PUMP



Flow rates up to 19 GPM

Heads up to 60 Feet

Suction Lift up to 20 Feet

SunPumps SJT series Jet Pumps are high quality, maintenance-free, DC powered pumps specifically designed for water delivery in remote locations. They operate on 180-500 watts of DC power using solar modules as the power source.

SunPumps SJT series pumps were designed for use in shallow water wells. They have excellent suction lift capabilities and are primarily used to fill open storage tanks. Their small size and light weight allow easy installation by hand.

SunPumps SJT series pumps are designed for use in stand alone water delivery systems. They are pollution-free, corrosion-free, self-lubricating and quiet. There is no better way to provide water for remote homes, villages, livestock, small farms as well as many other needs beyond grid power.

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check our web site on-line at:*

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***Independent Water
Pumping Systems***

*For free system sizing, technical
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**Phone: 1-800-370-8115
(928) 348-9652**

Fax: (928) 348-9653



Quality First!

SJT-05-90BT

Shallow Well Jet Pump Performance

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)					
		2	4	6	8	10	12
60 Volts 145 Motor Watts 180 Solar Watts*	0	16.9	16.9	13.4	9.2	4.7	0
	5	15.0	15.0	10.6	5.5	0	
	10	11.0	11.0	5.9	0		
	15						
	20						
	25						

Suggested Solar Array: Two 34 volt, 90 to 100 watt modules wired in series.

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)				
		4	8	12	16	20
75 Volts 260 Motor Watts 330 Solar Watts*	0	19.0	19.0	14.7	8.1	0
	5	17.5	17.1	11.9	4.1	0
	10	15.8	15.0	7.3	0	
	15	13.0	10.9	2.9	0	
	20	10.1	0			
	25					

Suggested Solar Array: Five 17 volt, 65 to 85 watt modules wired in series.

	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)						
		4	8	12	16	20	24	28
90 Volts 400 Motor Watts 500 Solar Watts*	0	19.2	19.2	19.2	19.2	14	7.6	0
	5	17.3	17.3	17.3	16.9	11.1	4.0	0
	10	15.4	15.4	15.4	14.4	8.2	0.4	0
	15	13.1	13.1	13.1	11.4	4.1	0	
	20	10.5	10.5	10.5	6	0		
	25	5.8	5.8	0				

Suggested Solar Array: Six 17 volt, 85 to 100 watt modules wired in series or three 34 volt, 175 to 180 watt modules wired in series.

NOTE: This performance chart is based on pumping at sea level. Suction lift will be reduced 1 foot for every 1000 feet of elevation.

*Solar array watts are based on a 20% deration factor.

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