

SJT 05-90BT Jet Pump Performance Tables

60 Volts 145 Motor Watts *180 Solar Watts	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)					
		2	4	6	8	10	12
	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.

75 Volts 260 Motor Watts *330 Solar Watts	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)				
		4	8	12	16	20
	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, 68 to 90 watt modules wired in series.

90 Volts 400 Motor Watts *500 Solar Watts	Suction Lift (feet)	Gallons Per Minute At Discharge Pressure (PSI)						
		4	8	12	16	20	24	28
	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, 68 to 100 watt modules wired in series or three 34 volt, 175 to 185 watt modules in series.

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

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