DSP 200 Solar Pump Controller Fuse Sizing Supplement

For the fuse socket **within the DSP 200 Controller**, you must install the ATO/ATC fuse size indicated below. The controller is originally built with a 10A fuse installed, so you may have to replace this with a different size fuse. Use of fuse larger than what is listed here **will void the warranty**. Use of fuse smaller than what is listed will cause nuisance tripping. Columns with a ***N/A*** indicate the DSP 200 may not be used at this level. Voltages listed refer to the two options of loads/output for which the DSP 200 Controller has been made. **External over-current protection** (from the PV array to the controller, and from the controller to the pump) **is still required.** Refer to ***DSP 200 Pump Controller Instruction Manual*** for further details.

Total Lift in Feet	Total Lift in Meters	1322 Fuse for 12V (15V)	1322 Fuse for 24V (30V)	1308 Fuse for 12V (15V)	1308 Fuse for 24V (30V)	1303 Fuse for 12V (15V)	1303 Fuse for 24V (30V)	2507 Fuse for 12V (15V)	2507 Fuse for 24V (30V)
0-20	0-6	5	5	5	5	5	5	5	5
40	12	5	5	5	5	5	5	7.5	5
60	18	5	5	5	5	5	5	10	5
80	24	5	5	5	5	7.5	5	10	5
100	30	5	5	5	5	10	5	15	7.5
120	36	5	5	7.5	5	10	5	15	7.5
140	42	7.5	5	7.5	5	15	5	N/A	N/A
160	48	7.5	5	7.5	5	15	7.5		
180	54	7.5	5	10	5	15	7.5		
200	60	7.5	5	10	5	15	7.5		
240	72	10	5	15	7.5	20	7.5		
280	84	10	5	15	7.5				
320	96	10	5	20	10				
360	108	15	7.5	N/A	N/A				
400	120	15	7.5	N/A	N/A				
440	132	15	7.5						
480	146	20	7.5						
520	158	N/A	N/A						
560	170	N/A	N/A						

Total Lift in Feet	Total Lift in Meters	1408 Fuse for 24V (30V)	1403 Fuse for 24V (30V)	2607 Fuse for 24V (30V)
0-20	0-6	5	5	7.5
40	12	5	5	7.5
60	18	5	7.5	10
80	24	5	7.5	N/A
100	30	5	7.5	N/A
120	36	7.5	7.5	N/A
140	42	7.5	10	N/A
160	48	7.5	N/A	N/A
180	54	7.5	N/A	N/A
200	60	7.5	N/A	N/A
240	72	7.5	N/A	N/A
280	84	10	N/A	N/A
320	96	N/A	N/A	
360	108	N/A	N/A	
400	120	N/A	N/A	
440	132	N/A	N/A	
480	146	N/A	N/A	
520	158	N/A	N/A	
560	170	N/A	N/A	