

EagleSun™ Pool Panels Technical Information

		2.0" Header		
	Size Part #	4 x 12 ES-48P	4 x 10 ES-40P	4 x 8 ES-32P
DIMENSIONS	Units			
Overall Length	<i>In</i>	144	120.25	95.88
Absorber Width	<i>In</i>	47.63	47.63	47.63
Header Length	<i>In</i>	50.75	50.75	50.75
Header OD	<i>In</i>	2.31	2.31	2.31
Header ID	<i>In</i>	1.89	1.89	1.89
Gross Area	<i>Sq ft</i>	47.725	39.87	31.809
Net Area	<i>Sq ft</i>	47.625	39.77	31.709
Number of Flow Channels		104	104	104
Nominal Hole Size	<i>In</i>	0.156	0.156	0.156
WEIGHT				
Dry	<i>Lbs</i>	30	25	20
Wet	<i>Lbs</i>	64.4	55.5	46.6
Wet Dispersed	<i>Lbs/sq ft</i>	1.31	1.35	1.41
Fluid Capacity	<i>Gal</i>	4.13	3.66	3.19
FLOW RATES				
Max	<i>Gpm</i>	10	10	10
Min	<i>Gpm</i>	3	2.5	2.5
Recommended	<i>Gpm</i>	4.95	4.95	4.95
Max # panels in parallel	<i>Panels</i>	10	12	14
PRESSURE				
Drop	<i>Psi</i>	0.15	0.15	0.15
Max test	<i>Psi</i>	80	80	80
Max operating range	<i>Psi</i>	+/- 10	+/- 10	+/- 10
Max operating spike	<i>Psi</i>	35	35	35
PERFORMANCE				
FSEC Certification	<i>BTU/day</i>	45600	38100	30400
Wind Load	<i>mph</i>	150	150	150

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Panels & System Components

2.0" Header Solar Panel

Overall Length:

ES-48P	144"
ES-40P	120.25"
ES-32P	95.88"

Header Outside Diameter: 2.31"

Header Length: 50.75"



Panel Kit (1 per panel)



Kit Includes	Qty
Rubber Hose	2
Hose Clamp	4
LAG Screw	5
Strap Clip	3
Pipe Strap	1

System Kit (1 per system)



Kit Includes	Qty
Rubber Hose	2
Hose Clamp	4
LAG Screw	5
Strap Clip	3
Pipe Strap	1
Pipe-to-Panel Adapter	2
Grooved Plug	2

Vacuum Breaker Kit (1 per system)



Kit Includes	Qty
Vacuum Breaker	1