

Technical Specifications

Omni-Swim 16109

NOMINAL SIZE	4' x 8'	4' x 10'	4' x 12'
Model Number	16109-08	16109-10	16109-12
ICC-SRCC Certification Number	10002135	10002135	10002135
DIMENSIONS			
Overall Length (inches)	96.0	120.0	144.0
Collector Width (inches)	47.0		
Manifold Length (inches)	50.5		
Manifold I.D. (inches)	2.0		
Manifold O.D. (inches)	2.4		
Net Collector Area (ft ²)	31.4	39.3	47.3
FLUID FLOW RATES			
Compatible Heat Transfer Fluids	Water; Glycol		
Standard (GPM)	3.25	4.0	5.0
Recommended (GPM)	5.0	6	7.5
Maximum (GPM)	10.0	10.0	10.0
Minimum (GPM)	2.5	2.5	3.0
Max. Collectors in Series @ Recommended Flow	14	12	12
WEIGHT			
Dry Weight (lbs)	15.3	18.1	22.3
Wet Weight (lbs)	41.1	47.6	54.0
Wet Weight Per ft ² (lbs)	1.3	1.2	1.1
Fluid Volume (gal)	3.1	3.5	3.8
PRESSURE & TEMPERATURE			
Pressure Drop (PSI @ GPM)	0.05 @ 2.5; 0.13 @ 5.0; 0.39 @ 10.0		
Max. Recommended Operating Pressure	50 PSI @ 77°F		
Max. Operating Pressure	75 PSI @ 77°F / 35 PSI @ 140°F		
Max. Recommended Operating Temperature	140°F @ 35 PSI		
Min. Recommended Operating Temperature	35° F		
Freeze Tolerance Limit (deg F)	35° F		
Standard Stagnation Temperature	165° F		

