



SOLAR THERMAL SYSTEMS

480 275-4221

www.AquaDelSol.co

SPECIFICATIONS



- Absorber Plate:** — 0.008 inch Rollformed copper sheet
- Absorber:** — Black Chrome selective coating over nickel plate or electrostatic acrylic black paint.
- Plumbing:** — Type M Copper: 1 inch or 1.5 inch internal copper manifolds with 0.5 inch O.D. waterways.
- Manifold Seal:** — EPDM Insert
- Glazing:** — 0.125 inch Low iron tempered glass
- Glazing Seal:** — Extruded "U" channel
- Insulation:** — Foil faced polyisocyanate insulation board. "C" models include a fiberglass blanket that better withstand the higher operating temperatures.
- Frame:** — Extruded aluminum with stainless steel fasteners.
- Frame Finish:** — Bronze anodize
- Backing Sheet:** — Bronze painted and embossed 0.018 inch aluminum sheet.

Model Number	Width	Length (Inches)	Manifold Width	Depth	Gross Area	Net Area (Sq. Ft.)	Dry Weight (SF)	Capacity (Lbs)	Filled Weight	Absorber Coating (Gal)
308P	35.125	97.125	39	3	23.69	22.11	76	83	0.88	Flat Black Paint
308C	35.125	97.125	39	3	23.69	22.11	78	85	0.88	Black Chrome
408P	45.75	101.625	49	3	32.29	30.21	102	112	1.25	Flat Black Paint
408C	45.75	101.625	49	3	32.29	30.21	105	115	1.25	Black Chrome
410P	45.75	125.625	49	3	39.91	37.55	125	137	1.50	Flat Black Paint
410C	45.75	125.625	49	3	39.91	37.55	129	141	1.50	Black Chrome
412P	45.75	152.125	49	3	48.33	45.64	150	164	1.78	Flat Black Paint
412C	45.75	152.125	49	3	48.33	45.64	155	169	1.78	Black Chrome



Certifications and Compliances: IAMPO Listing No. S-1894
 Los Angeles City Approval No. RR-4008
 California Energy Commission & Arizona Solar Energy Commission



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FEATURES

SIZES	<p>308 — (35-1/8" x 97-1/8" x 3")</p> <p>408 — (45-3/4" x 101-5/8" x 3")</p> <p>410 — (45-3/4" x 125-5/8" x 3")</p> <p>412 — (45-3/4" x 152-1/8" x 3")</p>	Multiple sized to accommodate all installation requirements.
ABSORBER PLATE	.008" Rollformed copper sheet.	Designed mechanical bond to waterways on automated machinery for maximum quality control.
ABSORBER	Black Chrome selective coating over nickel plate or electrostatic acrylic black paint.	High performance coatings with proven durability for all applications.
PLUMBING	Type M Copper- 1" or 1-1/2" internal copper manifolds with 1/2" O.D. Waterways.	All copper to conduct heat and resist corrosion. Brazed assemblies are pressure tested to 150 psi.
MANIFOLD SEAL	EPDM Insert	Exclusive RADCO design provides seal and allows for easy absorber removal for service.
GLAZING	1/8" Low iron tempered glass	Durable high performance glazing, textured to reduce glare and tempered to resist thermal stress.
GLAZING SEAL	Extruded "U" Channel	Withstands high stagnation temperatures. Welded at corners for continuous seal.
INSULATION	Foil faced insulation board and fiberglass blanket ("C" models only).	Insulated on back and sides for maximum heat retention. Blanket resists high stagnation temps.
FRAME	Extruded aluminum with stainless steel fasteners.	Exclusive RADCO design provides high strength and low weight for easier handling.
FRAME FINISH	Bronze anodize	Protects and enhances collectors appearance. Maximum durability.
BACKING SHEET	Bronze painted and embossed .018" aluminum sheet.	Strengthens frame, protects insulation and enhances appearance.



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