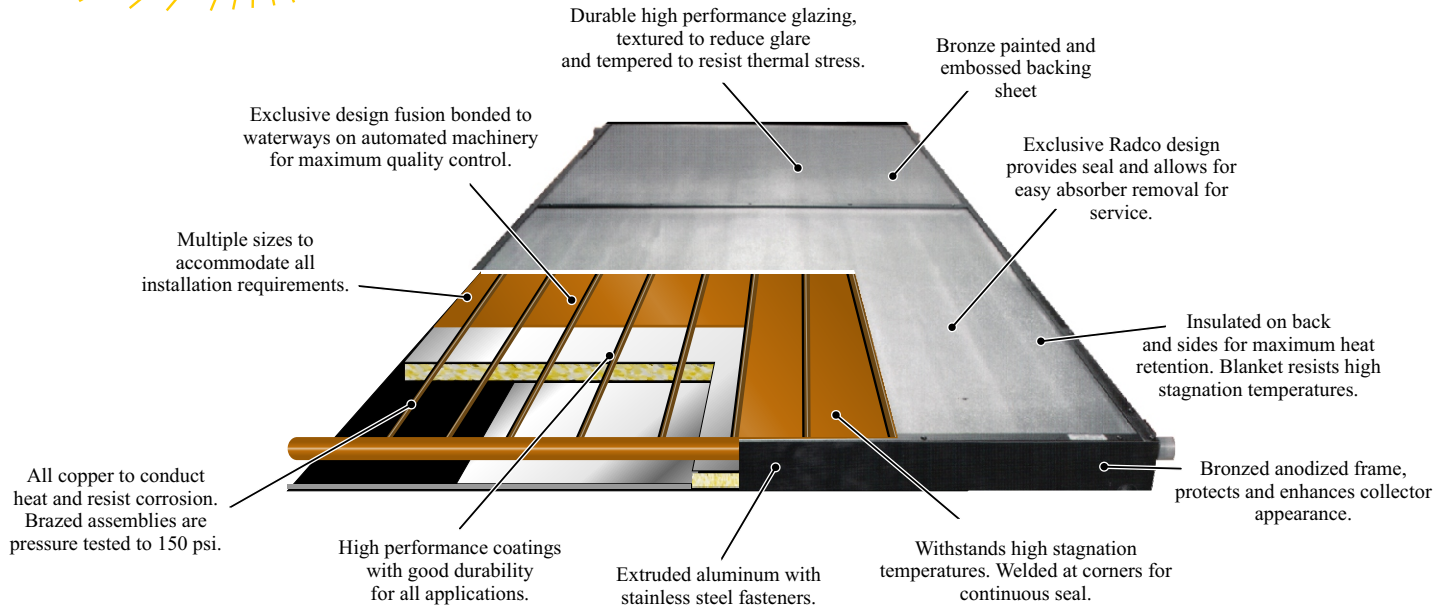




Solar water heating collectors



SPECIFICATIONS

Absorber Plate: 0.005 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

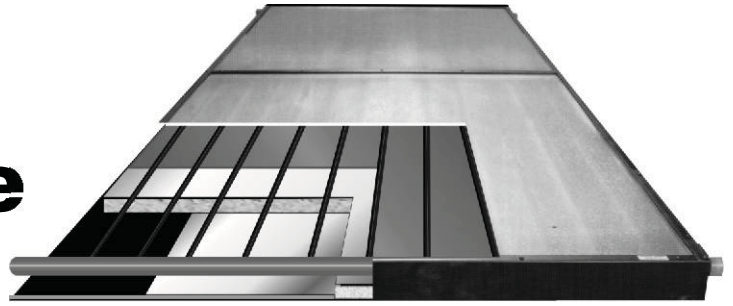
Backing Sheet: Bronze painted and embossed 0.018 inch aluminum sheet.



Model Number	Width	Length (Inches)	Manifold Width	Depth	Gross Area	Net Area (Sq. Ft.)	Dry Weight (Lbs)	Filled Weight (Lbs)	Capacity (Gal)	Absorber Coating
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



High Performance Solar Collectors



SIZES	308 (35-1/8"x 97-1/8" x 3") 408 (45-1/4"x101-5/8" x3") 410 (45-1/4"x125-5/8"x3") 412 (45-1/4"x152-1/8" x 3")	Multiple sizes to accommodate all installation requirements.
ABSORBER PLATE	.005" Rollformed copper sheet	Exclusive design fusion bonded 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 good 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 temperatures.
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 collector appearance. Maximum durability.
BACKING SHEET	Bronze painted and embossed .018" aluminum sheet.	Strengthens frame, protects insulation and enhances appearance.

WARRANTY: 10 YEAR LIMITED (See complete warranty for details.)



INTEGRATED SOLAR, LLC
Solar Water Heating Manufacturer

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