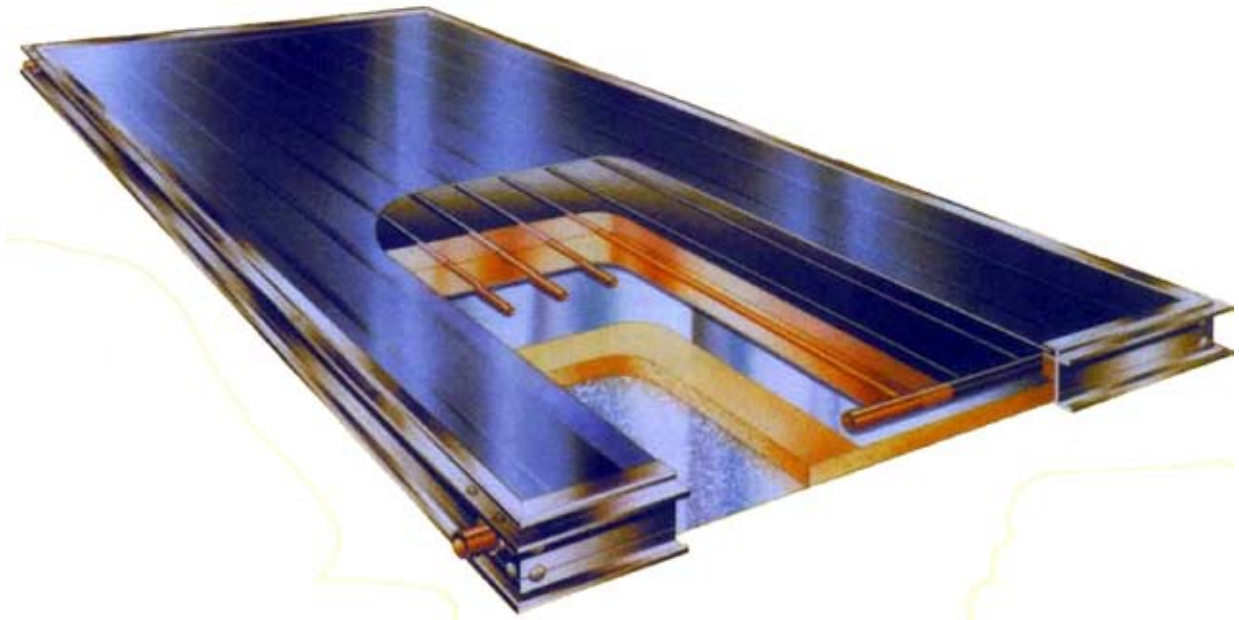
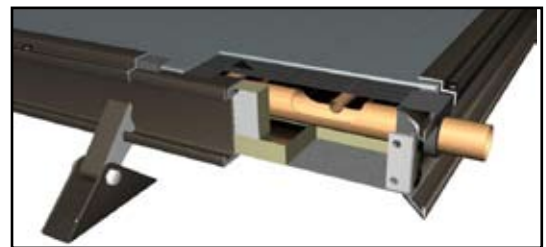


Solar Flat Plate Collectors Residential and Commercial



Quality and Value

- 30 year design life
- low iron tempered glass
- extruded aluminum anodized frame
- copper tube and absorber forge welded
- sputtered absorber fin with selective coating
- exclusive “quick-lock” mounting system



Sizes available: 3' x 7', 4' x 8', and 4' x 10'

Model (Part Number)	3' x 7' (540 03 07)	4' x 8' (540 04 08)	4' x 10' (540 04 10)
Gross Collector Area	21.5 sqft	32.7 sqft	40.7 sqft
Area of Glazing	18.9 sqft	29.5 sqft	36.9 sqft
Absorber Area	18.8 sqft	29.4 sqft	36.8 sqft
Frame Height	86 inches	98 inches	122 inches
Frame Width	36 inches	48 inches	48 inches
Frame Depth	3-1/8 inches	3-1/8 inches	3-1/8 inches
Total Width	38 inches	50 inches	50 inches
Weight	76 lbs.	116 lbs.	151 lbs.
Fluid Capacity	0.70 gallons	1.04 gallons	1.21 gallons
Glazing Thickness	1/8 inch	1/8 inch	5/32 inch

Specifications

Glazing: Tempered, low iron glass. Iron oxide content is less than 1%.

Glazing Gasket: EPDM channel with molded corners.

Insulation: 1-1/4" and 3/4" foil-faced polyisocyanurate board insulation.

Frame Wall and Batten: 6063 T5 aluminum extrusion with an anodized bronze finish.

Backsheet: 0.019 stucco embossed aluminum sheet (bronze) pop-riveted to frame wall.

Absorber Plate: All copper fin and tube construction. High frequency forge-welded for permanent bond between tube and sheet. No soldered or crimped connections to fail from expansion or contraction. Thirty year warranty on fin-to-tube joint.

Absorber Coating:

Absorptivity: 0.94 - 0.96

Emissivity: 0.09 - 0.12

Working Pressure: 165 psi

Design Life: 30 years

Flow Rate: 0.5 to 1.8 gpm recommended

Warranty: 5 years

