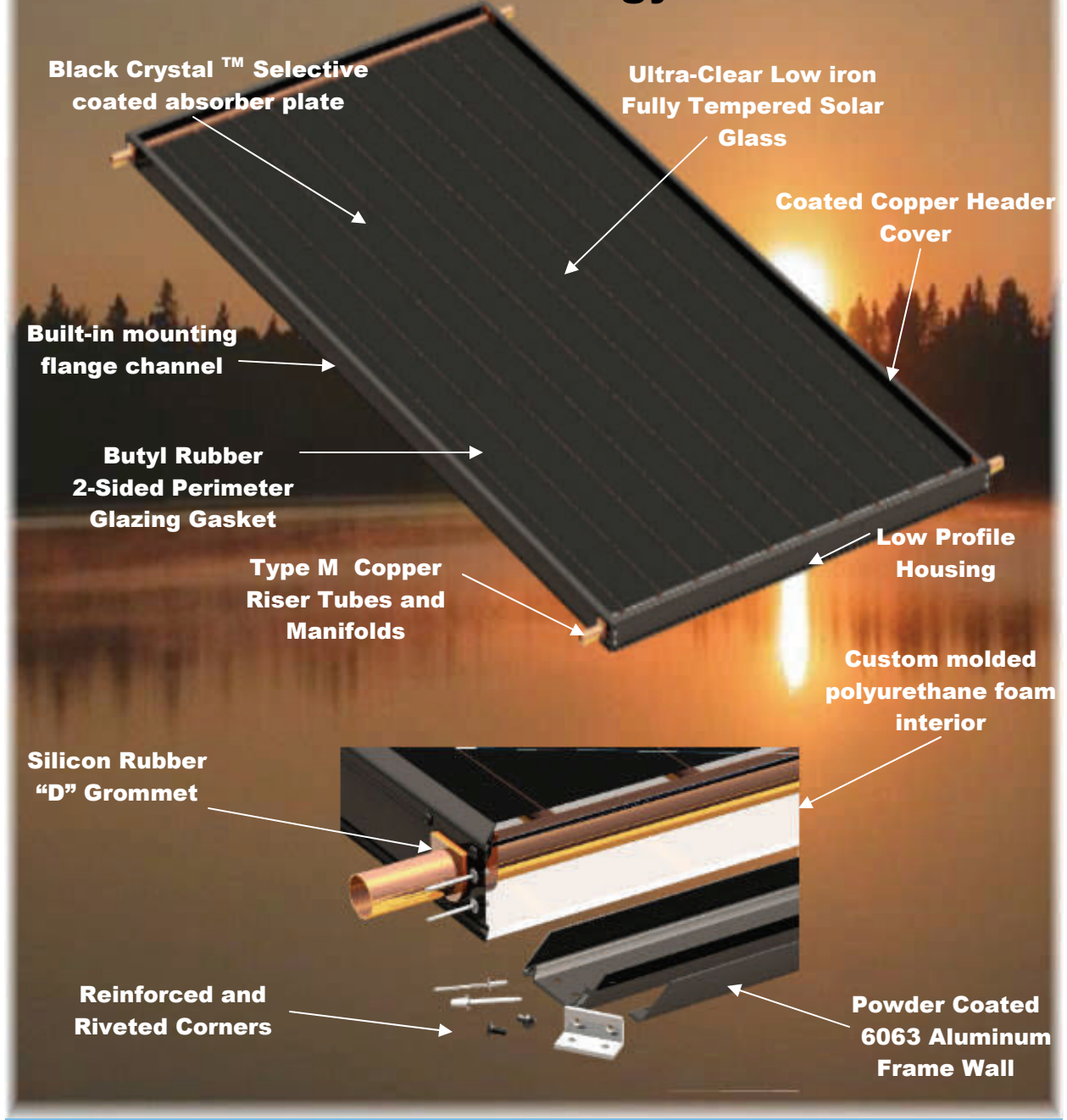


## Excellence in Solar Water Heating Technology



*High Performance Design = Stronger, Thinner, Lighter*

**Solar Energy Systems Designed to Deliver**

# SE-Solar Collectors Specifications

Frame	6063 – T6 Aluminum extrusion, black powder coated
Backing	ABS .062 hair-cell texture plastic sheet
Glazing	½ x 1/16 butyl rubber two-sided tape gasket
Glazing Batten	6063 - T6 Aluminum extruded angle batten
Absorber Plate	6-oz Copper fin high frequency forge welded to ½” riser tubes
Absorber Header	1.125 Diameter Type M copper tube
Absorber Coating	Black Crystal™ selective coated electro plated fin
Header grommets	Custom designed “D” shape Silicon rubber
Collector Insulation	2-lb density custom molded closed cell polyurethane foam
Ventilation	Dual plug weep vents
Mounting	Built-in mounting flange around perimeter
Profile	2.75” overall height (thinnest in industry)

## Ratings and Certifications

Model	SE-21	SE-24	SE-28	SE-32	SE-40
Gross area (sq. ft.)	21.87	24.89	27.03	30.87	38.56
Gross Length (in)	84.48	96.36	84.48	96.36	120.36
Gross Width (in)	37.32	37.32	46.08	46.08	46.08
Gross Height (in)	2.72	2.72	2.72	2.72	2.72
Header width (in)	41	41	51	51	51
Dry Weight (lbs)	76	87	93	106	148
Fluid Capacity (gal)	.73	.87	.84	1.0	1.15
Test Pressure (psi)	160	160	160	160	160
Operating Pressure (psi)	80	80	80	80	80
Low temp (95°)	22,900	26,400	28,900	33,100	41,100
Medium Temp (122°)	18,800	21,700	23,700	27,100	34,000
Efficiency Equation	Tested per ASHRAE 93-1986 - Efficiency ratings as measured by the Florida Solar Energy Center (FSEC)				
Y-intercept	.714	.704	.704	.704	.704

MANUFACTURED BY:



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