Connection method: Side
Capacity: 40 gallons
Aperture area: 22 square feet
Gross Weight - Empty: 271.1 lbs (122.97 kg)
Gross Weight - Filled: 604.9 lbs (274.38 kg)
Foot Print Area: 25.2 square ft
Aperture Length: 95.25 inches (.2.42 m)
Aperture Width: 33.25 inches (.845 m)
Frame Width: 36.75 inches (.933 m)
Frame and Counter Flashing Length: 98.75 inches (2.508 m)
Connection:
1) Center to center dimension: 28.87 inches (.734 m)
2) Center to end of frame: 3.562 inches (.09 m)
3) Center to bottom of frame: 3.25 inches (.083 m)
4) Solder joint: 3/4 inch, 2-3/4 inch Nom. Type K copper tube 7.8” O.D.
Collector Height: 6.437 inches (.164 m)
Frame width: 47.37 inches (1.2 m)
Working fluid: potable/domestic tap water
Absorber tube: a) Material: 4 inch nominal diameter DWV copper tubing, 0.058 inch wall thickness, with selective coating. b) Tubing shall not be a rolled seam welded tube. c) End of absorber tube shall be machine spun to form a perfect bullet nose round end. d) Absorber shall be TIG welded in a progressive serpentine configuration that allows for a maximum efficiency with minimum of water mixing.
Selective coating: Solkote a) Minimum absorptivity: 95 percent b) Maximum emissivity: 56%
Header Tube: 3/4 inch nominal type “K” copper formed copper tube .062 inch wall.
Glazing: 1/8 inch thick, low-iron tempered glass with minimum transmissibility of 91%
Gasket material: EPDM
Frame material: 6063 T-5 aluminum. Frame for bottom connected units shall have integral patented counter flashing.
Frame Finish: Powder coated paint
Insulation: polysocyanurate, minimum one inch thickness conforming to ICBO Research report #3223 with 0.012 inch thick laminated aluminum sheet.

Certification: This solar hot water heating system is certified by the Solar Rating Certification Corporation (SRCC) under system standard OG-300.