



Collectors interconnect with 3/4" union fittings and mount to support channel with pinch clips.

Absorber: Copper tubes with ultrasonically welded copper fins
Absorber coating: Selective surface. $\alpha = 0.95$, $\epsilon = 0.05$
Glazing: Low-iron tempered glass. Transmittance = 91%
Collector box: Aluminum frame with UV-stabilized rubber seals, sensor well
Insulation: Glass fiber and high-density CFC-free polyurethane foam

Dimensions: 2.440 x 1.206 x 0.108 m (96" x 47 1/2" x 4 1/4")
Gross area: 2.943 m² (32 sq.ft.)
Absorber area: 2.700 m² (29 sq.ft.)
Weight full: 62.3 kg (137 lb)
Fluid volume: 5.9 L (1.56 USGal)

Max pressure: 0.8 MPa (116 psi)
Flow rate: 1.0 L/min (0.26 USGPM) recommended
Pressure drop: 0.025 kPa (0.0036 psi)
Temperature limit: Freeze tolerant, stagnation at 175 °C (347 °F)
Circulating fluid: Water or propylene glycol solution recommended

Efficiency: $\eta = 0.76 - 5.29 (T_{in} - T_a)/I$
Standards: ISO 9806-2, CSA-F378 (in progress)
Life expectancy: 30-40 years
Warranty: 10 years
Applications: Small to large domestic hot water systems, industrial processes, space heating, indoor swimming pools, hot tubs