

Heliostar 252 Flat Plate Collector

Solar Thermal Heat for Residential, Commercial, and Industrial Hot Water Systems

Applications

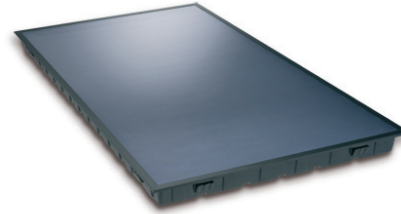
Domestic Hot Water
Space Heating
Pool & Spa Heating

Advantages

Ideal for Low Light Conditions
Ideal for Cold Climates
Ease of Installation

Technical Specifications

Length	82 5/8" (2100 mm)
Width	47 1/4" (1200 mm)
Height	4 1/4" (109 mm)
Gross surface area	27.13 ft ² (2.52 m ²)
Aperture surface area	24.76 ft ² (2.30 m ²)
Weight	94.8 lbs (43 kg)



Collector case Highly stress resistant polycarbonate case. The single extrusion manufacturing process creates a tightly sealed, corrosion-proof, UV and temperature resistant construction.

Glass cover	low-iron solar safety glass transmission factor = 91 %
Absorber vacuum	high selectively coated full area absorber
Absorption Efficiency	> 95%
Emission Efficiency	< 5%
Fluid capacity	0.39 G (1.46 l)
Operation pressure	217.6 psi (15 bar)
Solar sensor sleeve inside	1/4" (Ø= 6 mm)
Collector connection	1/2 " MT flat sealing
Collector yield, per annum	over 166,460 Btu/ft ² An.
Area of application	domestic water heating and heating support
Recommended flow rate	0.79 gpm
SRCC clear day line C rating	28,900 BTUs per panel per day

