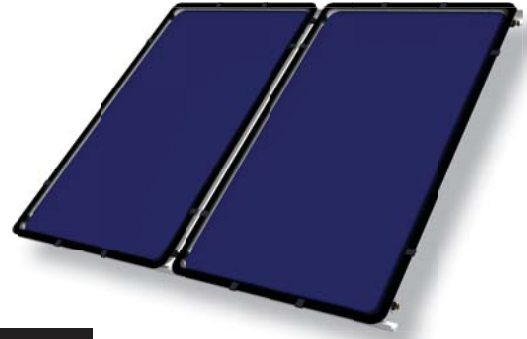


SOL 29 Premium S/W Solar Thermal Collectors**Applications****Commercial > Industrial > Institutional**

- › Office buildings
- › Stores
- › Malls
- › Warehouses
- › Restaurants
- › Gas Stations
- › Schools
- › Hotels/Motels
- › Commercial condominiums
- › Manufacturing facilities

Residential

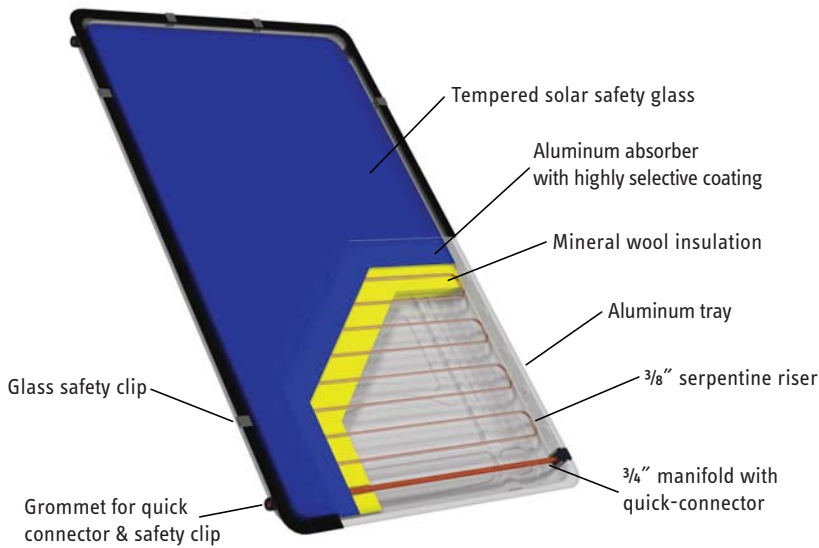
- › Condos
- › Apartments

**Technical Data**

General Data	SOL 29 Premium S	SOL 29 Premium W
Item no.	290016	290017
Overall area	27.66 ft ²	
Absorber area	24.65 ft ²	
Aperture area	24.33 ft ²	
Height	82"	49"
Width	49"	82"
Depth	3 ³ / ₄ "	3 ³ / ₄ "
Weight	84 lbs	
Collector fluid volume	0.4 gal	
Housing material	deep-drawn Aluminum tray	
Absorber material	selectively coated Aluminum	
Absorption	95%	
Emission	5%	
Manifold diameter	3/4"	
Riser diameter	3/8"	
Connections	Plug-in connector	
Glass material	Tempered solar safety glass	
Glass thickness	1/8"	
Glass transmittance	>89%	
Insulation	2" mineral wool	
Max. stagnation temperature	345°F	
Max. operating pressure	145 psi	
Heat transfer medium	50/50 propylene glycol/water mixture	
Allowed installation angle	15°-90°	
SRCC OG-100 High Radiation C Rating	30,600 Btu/panel/day	
SRCC OG-100 Medium Radiation D Rating	12,100 Btu/panel/day	

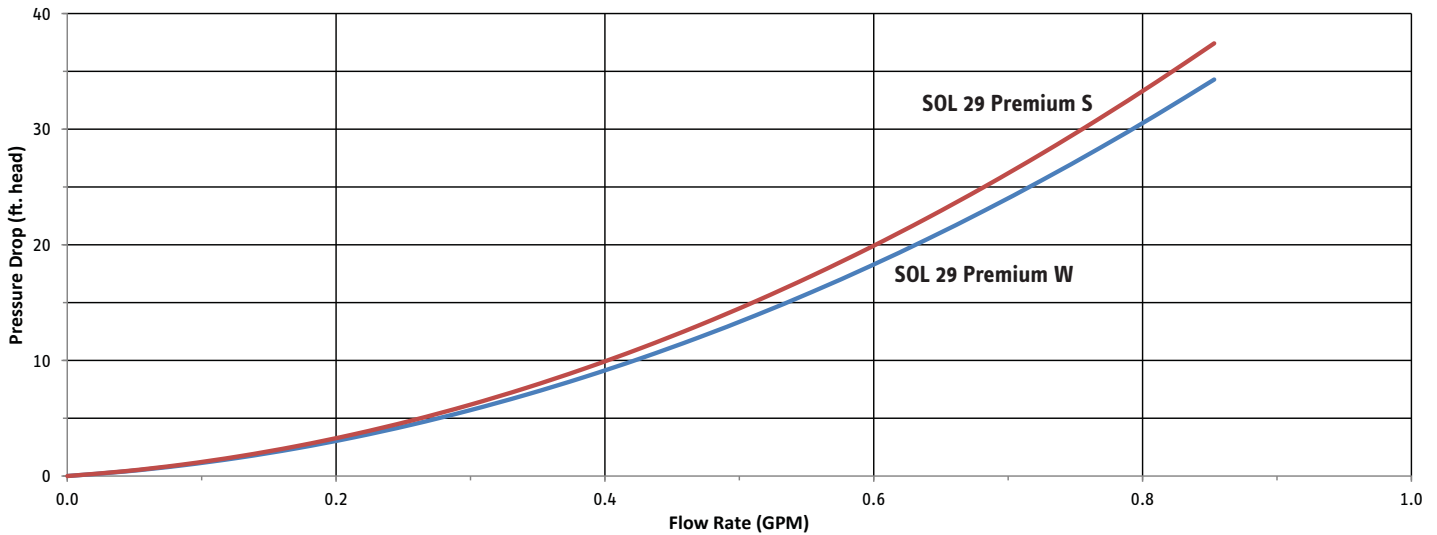
ISO 9001
CERTIFIED

Features



- › Unique appearance by combining a new frameless tray design with a smoked border glass
- › Maximum manufacturing precision using a highly automated production line
- › Reduced installation time with plug-in connections at the collectors - no tools necessary
- › Quick and easy mounting system suits multiple installation applications
- › Serpentine absorber configuration self-empties during stagnation events
- › Lightweight at 84 lbs per collector
- › Vertical and horizontal orientations available for increased installation flexibility in system design

SOL 29 Premium S/W Pressure Drop



Specification

Stiebel Eltron warrants to the original owner that the SOL 29 Premium S/W will be free from defects in workmanship and materials for a period of ten (10) years from date of purchase. Should the part(s) prove to be defective under normal use during this period, Stiebel Eltron, Inc. will be responsible for replacement of the defective part(s) only. As Owner's sole and exclusive remedy for breach of the above warranty, Manufacturer shall, at the Manufacturer's discretion, send replacement parts for local repair; retrieve the unit for factory repair, or replace the defective Collector with a replacement unit with comparable operating features. Manufacturer's maximum liability under all circumstances shall be limited to the Owner's purchase price for the Collector.

Engineer/Architect _____	Date _____
Job Name/Customer _____	Location _____
Contractor _____	Representative _____
Collector model _____	Qty _____