

# SOL 25 PLUS FLAT PLATE COLLECTOR SUBMITTAL SHEET

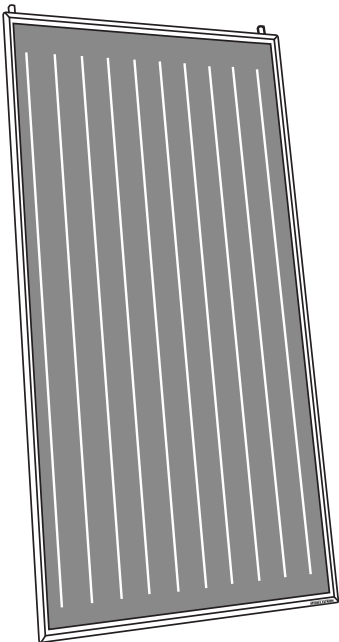
# STIEBEL ELTRON

## Simply the Best

SOL 25 PLUS - LOW PROFILE, HIGH EFFICIENCY, FLAT PLATE SOLAR COLLECTOR.

### Specifications

Total surface area	sqft	29.06	sqm	2.7
Net effective surface area	sqft	28	sqm	2.6
Collector output range	Btu / day	21,000	W / day	6155
Max. temp.	°F	410	°C	210
Typical transfer flow rate	Gal / h	13 - 80	l / h	50 - 300
Working operating pressure	PSI	50.7	bar	3.5
Max. operating pressure	PSI	87.0	bar	6
Tested to pressure	PSI	160	bar	11
Pressure loss	PSI	0.44	m / bar	30
Dimensions	in.	87 15/16 x 48 1/8 x 3 1/16	mm	2233 x 1223 x 78
Weight without heat transf. fluid	lb.	108	KG	49
Recommended mounting angle		10° - 90°		
Bumping connections	in.	3/4" SPT		
Frame	anodized aluminum, corrosion resistant			
Absorber	copper, Bluetec CERMET ceramic/metal selective surface			
Thermal insulation	mineral wool			
Absorptivity / emissivity	95 % / 5 %			
Light transmission	92 %			
Heat transfer fluid	non-toxic polypropylene glycol solution			




### Description

Low-profile (3" thick) high-efficiency flat plate solar collector with highly selective Bluetec CERMET ceramic/metal coating features a copper absorber with copper fluid tubes, low iron tempered solar glass, and a durable, corrosion-resistant aluminum frame.

Designed for thermal solar heating of domestic hot water (DHW) and/or radiant in-floor space heating.

**OG 300 Certified**

	<p>This product certified by the Solar Rating and Certification Corporation c/o FSEC, 1679 Clearlake Road Cocoa, FL 32922 (321)638-1537 www.solar-rating.org SRCC Document OG-100</p>	<p>Stiebel Eltron 17 West Street West Hatfield, MA 01088 Model No.: Sol 25 Plus Gross Area 2.73 m (29.42 ft ) Serial Number:</p>	<p>Mildly Cloudy Day Rating in Category C 22 MJ/day 21 Mbtu/day</p>
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