

**Harvest the**

# Power of the Sun



Reviewed for Code Compliance  
Inspections Division  
Approved with Conditions

Date: 10/21/14

## FLAT PLATE COLLECTOR SOL 25 PLUS

Highly efficient solar collector is suitable for many types of applications. Features include:

- High selective chromium oxide absorber coating
- Copper absorber with copper fluid tubes
- Low iron tempered solar glass
- Durable corrosion resistant aluminum frame
- Low profile at 3" thickness
- Full complement of custom mounting hardware is available



The new  
**SOL 25 PLUS** solar collector offers all the latest features known to the industry

*Leaders in  
Thermal Solar Technology*

Over 30 Years  
of Solar Panel  
Experience



## **STIEBEL ELTRON**

*Simply the Best*

# 800-582-8423

**SOL 25 PLUS** complies  
with ISO 9806

**ISO 9001**  
CERTIFIED

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[www.stiebel-eltron-usa.com](http://www.stiebel-eltron-usa.com)

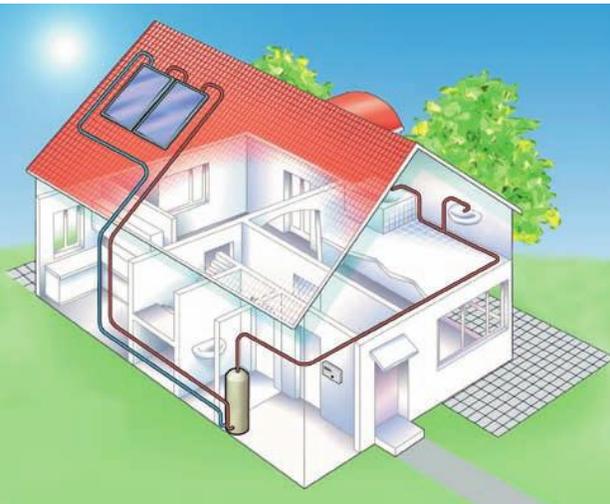
# THE POWER OF THE SUN

## Flat Plate Solar Collector SOL 25 PLUS

# STIEBEL



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### The SOL 25 PLUS is ideal for m

- Residential or commercial water
- Space heating
- Swimming pools

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### Advantages Include:

#### Maximum Efficiencies

The SOL 25 PLUS is a highly efficient thermal collector. The net absorber surface of almost 28 sq feet results in a maximum output of 21,000 btu/day per panel. The SOL 25 PLUS also offers features such as a high selective absorber coating, low-iron, tempered solar glazing, and very effective insulation around the absorber plate. The internal fluid tubes are copper.

#### Installation Time Is Minimized

The large panel size and the availability of a full complement of custom designed mounting accessories minimizes the installation costs.

#### Appealing Design

The SOL 25 PLUS has a low profile, making it visually less obtrusive and compatible with existing architectural designs.

#### Lasting and Reliable Energy Saving Investments

Stiebel Eltron uses only the most durable materials. The SOL 25 PLUS is the culmination of over 30 years of experience in the thermal solar business.

### 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°		
Plumbing connections	in.	3/4" BSOT		
Frame	anodized aluminum, corrosion resistant			
Absorber	copper, chromium-oxide selective surface			
Thermal insulation	mineral wool			
Absorptivity / emissivity	95 % / 5 %			
Light transmission	92 %			
Heat transfer fluid	non-toxic polypropylene glycol solution			

	<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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Distributed by:

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