

# SuperECO | Basic

## Utility:

DHW

domestic







DHV

Swimming pools

### **Advantages:**

- Vertical collector sealed with a single-piece aluminium profile
- Specifically designed for warm climates.
- The lightest solar panel on the market, offering the possibility of being handled by a single installer.
- Greater integration due to its ultra-slim design.
- Textured, low iron content solar glass with 91% transparency.

Structures designed for flat and pitched roofs.

The most efficient collector of the ultra-slim range.



### Models:

Vertical 2m<sup>2</sup> and 2.5m<sup>2</sup>.



n0 = 0.774	$K1 = 3.41 [W/m^2K]$	K2= 0.009 [W/m <sup>2</sup> K]	G=800[W/m <sup>2</sup> ]	

# Technical characteristics:

Captador	Super ECO 2000	Super ECO 2500	
Code	2002132	2002133	
<u>Placement</u>	Vertical		
Aperture area [m <sup>2</sup> ]	1.88	2.38	
Absorber area [m <sup>2</sup> ]	1.83	2.33	
Height [mm]	2056	2056	
Width [mm]	956	1206	
Depth [mm]	49	49	
Gross area [m <sup>2</sup> ]	1.97	2.48	
Empty weight [kg]	24.50	30.00	
Fluid volume [I]	1.09	1.34	
Pressure regime [bar]	Test pressure: 20 bar Max. working pressure: 10		
Flow range [I/hm <sup>2</sup> ]	30-115		
Stagnation temp. [°C]	200.30		
Peak power [W] (G=1000W/m <sup>2</sup> )	1498	1877	
Certification standard	EN12975-1/2:2006 ISO9806:2013		
Performance curve	Gross area / Aperture area	Gross area / Aperture area	
Optical performance [%]	75.5/79.67	75.5/79.67	
K1 losses [W/m <sup>2</sup> K]	3.726/3.932	3.726/3.932	
K2 losses [W/m <sup>2</sup> K <sup>2</sup> ]	0.016/0.017	0.016/0.017	





# VSH | Premium

# Utility:











Large installations

Installations DHW domestic

DHW Swimming pools

Heating support

### Advantages:

- Vertical collector with monobloc casing made of marine aluminium.
- Elegant, patented design, with glass frame and fully
- Maximum integration on the roof, thanks to its horizontal format.
- Smooth, extra-clear, low iron content glass, with 91% transparency.

Structures designed for flat and pitched roofs.

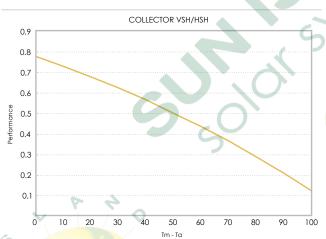
The most efficient collector of the ultra-slim range.



### **Models:**

Vertical 2m<sup>2</sup> and 2,6m<sup>2</sup>.





# Technical characteristics:

Captador	VSH 2200	VSH2600	
Code	2002000	2002001	
Placement	Vertical		
Aperture area [m <sup>2</sup> ]	2.00	2.33	
Absorber area [m <sup>2</sup> ]	2.00	2.33	
Height [mm]	2089	2089	
Width [mm]	1106	1273	
Depth [mm]	98	98	
Gross area [m <sup>2</sup> ]	2.22	2.58	
Empty weight [kg]	31.00	34.40	
Fluid volume [I]	1.19	1.34	
Presssure regime [bar]	Test pressure: 20 bar Maximum working pressure: 10 bar		
Flow range [I/hm <sup>2</sup> ]	30-115		
Stagnation temp.[°c]	214.80		
Peak power [W](G=1000W/m <sup>2</sup> )	1544	1799	
Certification standard	EN12975-1:2006 EN12975-2_2006 ISO9806:2013		
Performance curve	Gross Area/ Aperture Area	Gross Area/ Aperture Area	
Optical performance [%]	69.9/77.4	69.9/77.4	
K1 losses [W/m <sup>2</sup> K]	3.401/3.766	3.401/3.766	
K2 losses [W/m <sup>2</sup> K <sup>2</sup> ]	0.013/0.014	0.013/0.014	