

Solar Water Heater Specifications

For EURO-10 SWHB ALL Options

EURO-10 SWHB				
SPECIFICATION- MODEL		1,5 m ²	2,0 m ²	2,5 m ²
Dimensions (Length x Width x Height)	mm	1501x1007x87	2006x1007x87	2008x1258x87
Aperture area	m ²	1,35	1,83	2,31
Absorber area	m ²	1,34	1,81	2,30
Absorber		Selective aluminum	Selective aluminum	Selective aluminum
Absorbance		0,95±0,01	0,95±0,01	0,95±0,01
Emittance		0,05±0,02	0,05±0,02	0,05±0,02
Coating		Titanium oxides	Titanium oxides	Titanium oxides
Material, Width Side insulation(Rock Wool)		25 mm	25 mm	25 mm
Material, Width Back insulation(Rock Wool)		50 mm	50 mm	50 mm
Soldering Absorber – Copper pipes		Laser	Laser	Laser
Weight	kg	27	36,5	41
Min inclination	o	25	25	25
Max inclination	o	90	90	90
Total water volume collector	lt	1,3	1,6	1,9
Operation pressure	bar	6	6	6
Testing pressure	bar	10	10	10
Horizontal piping diameter		Ø22	Ø22	Ø22
Vertical piping diameter		Ø10	Ø10	Ø10
Number of Vertical pipes		8	8	11
Piping material		Copper	Copper	Copper
Impermeability		Silicone	Silicone	Silicone
Cover material		Securit Mistlite Solar Glass	Securit Mistlite Solar Glass	Securit Mistlite Solar Glass

SHAHED GROUP
FOR METAL INDUSTRIES