

TSM

Solar Keymark certified
 No need magnesium anode and maintenance free
 Unpressurized tank, pressurized water
 Hidden tank behind panels
 5 year warranty



TECHNICAL SPECIFICATIONS

	TSM 120	TSM 150	TSM 200	TSM 300
Product Code	ST-0031	ST-0013	ST- 0016	ST- 0018
Capacity (lt/day)	120	150	200	300
Tank Working Pressure (bar)	0-3	0-3	0-3	0-3
Heat Exchanger Working Pressure (bar)	2-5	2-5	2- 5	2- 5
Maximum Temperature (°C)	95	95	95	95
Insulation	50 mm/ 40 kg/m ³ / Polyurethan Insulation (CFC Free)	50 mm/ 40 kg/m ³ / Polyurethan Insulation (CFC Free)	50 mm/ 40 kg / m ³ / Polyurethan Insulation (CFC Free)	50 mm/ 40 kg / m ³ / Polyurethan Insulation (CFC Free)
Heat Exchanger	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel
Boiler Final Dimensions (Length/ Diameter) (mm)	1000 / 540	1115 / 540	1200 / 540	1725 / 540
Outer Cylinder Materials	Electrostatic Powder Painted ST 37 Steel	Electrostatic Powder Painted ST 37 Steel	Electrostatic Powder Painted ST 37 Steel	Electrostatic Powder Painted ST 37 Steel
Outer Sheet	Painted Galvanized Steel Sheet	Painted Galvanized Steel Sheet	Painted Galvanized Steel Sheet	Painted Galvanized Steel Sheet
Boiler Net Weight (kg)	45 Wunder ALS 1808 / 1909	45 Wunder ALS 2108 / 2110	65 Wunder ALS 2510-2512	82 Wunder ALS 2108 / 2110* (2 pcs)
DIMENSIONS (mm)	1927x927x90	1988x1041x90	1988x1218x90	1988x1041x90
WEIGHT(kg)	34	37,2	44	37,2
GROSS AREA (m ²)	1,79	2,07	2,42	2,07
APERTURE AREA (m ²)	1,62	1,92	2,24	1,92
ABSORBER AREA (m ²)	1,59	1,89	2,23	1,89
ABSORBER MATERIAL	Almeco-Tinox Highly Selective Aluminum	Almeco-Tinox Highly Selective Aluminum	Almeco-Tinox Highly Selective Aluminum	Almeco-Tinox Highly Selective Aluminum
ABSORPTANCE / EMITTANCE	0,95 / 0,04	0,95 / 0,04	0,95 / 0,04	0,95 / 0,04
WELDING METHOD	Laser Welding	Laser Welding	Laser Welding	Laser Welding
GLASS MATERIAL	Low Iron Tempered Glass	Low Iron Tempered Glass	Low Iron Tempered Glass	Low Iron Tempered Glass
INSULATION MATERIAL	Rock Wool	Rock Wool	Rock Wool	Rock Wool
BASE SHEETING	Embossed- Finished Aluminum Sheet	Embossed- Finished Aluminum Sheet	Embossed- Finished Aluminum Sheet	Embossed- Finished Aluminum Sheet