



So the world

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

TSM



Certification No: 116 BN / 0

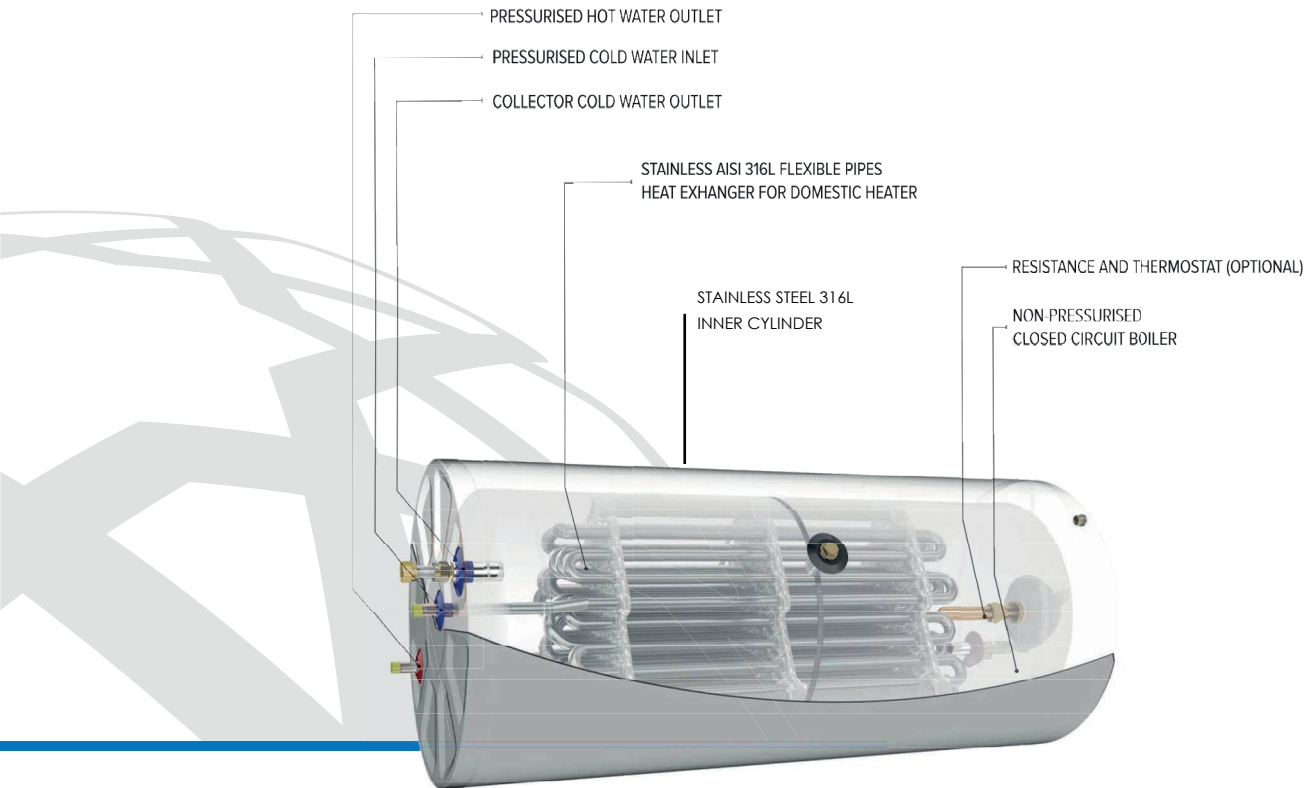
TECHNICAL SPECIFICATIONS

	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 / Polyurethane Insulation (CFC Free)	50 mm/ 40 kg/m ³ / Polyurethane Insulation (CFC Free)	50 mm/ 40 kg / m ³ / Polyurethane Insulation (CFC Free)	50 mm/ 40 kg / m ³ / Polyurethane 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	45	65	82
	Wunder ALS 1808 / 1809	Wunder ALS 2108 / 2110	Wunder ALS 2510 / 2512	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 Aluminium	Almeco-Tinox Highly Selective Aluminium	Almeco-Tinox Highly Selective Aluminium	Almeco-Tinox Highly Selective Aluminium
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 Aluminium Sheet	Embossed- Finished Aluminium Sheet	Embossed- Finished Aluminium Sheet	Embossed- Finished Aluminium Sheet

SOLAR TANKS



TSM No magnesium anode required and maintenance free
Unpressurized tank, pressurized water
5 year warranty



TECHNICAL SPECIFICATIONS

	TSM 120	TSM 150	TSM 200	TSM 300	TSM 400
Product Code	MA- 0005	MA- 0597	MA- 0006	MA- 0007	MA- 0008
Capacity (lt/day)	120	150	200	300	400
Tank Working Pressure (bar)	0-3	0-3	0-3	0-3	0-3
Heat Exchanger Working Pressure (bar)	2- 5	2- 5	2- 5	2- 5	2- 5
Maximum Temperature (C)	95	95	95	95	95
Insulation	50 mm/ 40 kg/m³/ Polyurethane Insulation (CFC Free)	50 mm/ 40 kg/m³/ Polyurethane Insulation (CFC Free)	50 mm/ 40 kg/m³/ Polyurethane Insulation (CFC Free)	50 mm/ 40 kg/m³/ Polyurethane Insulation (CFC Free)	50 mm/ 40 kg/m³/ Polyurethane Insulation (CFC Free)
Thermal Loses (W/K)	2	2	2,5	2	2
Heat Exchanger/Inner Cylinder	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel	AISI 316 L Stainless Steel
Inner Cylinder Dimensions (mm)	900x480	900x480	900x480	1340x480	1340x480
Cylinder Inner Dimensions (Length / Diameter) (mm/mm)	900 / 446	1015 / 446	1150 / 446	1675 / 446	2115 / 446
Cylinder Final Dimensions (Length/ Diameter) (mm/mm)	1000 / 540	1115 / 540	1200 / 540	1725 / 540	2215 / 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	Electrostatic Powder Painted ST 37 Steel
Outer Cylinder Thickness (mm)	0,5	0,5	0,5	0,5	0,5
Extra Heater (optional)	2000 W Resistance	2000 W Resistance	2000 W Resistance	2000 W Resistance	2000 W Resistance
Boiler Net Weight (kg)	45	45	65	82	92
Boiler Full Weight (kg)	177	195	235	327	412



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