

TSM ECO

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



TECHNICAL SPECIFICATIONS

| | TSM ECO 120 | TSM ECO 150 | TSM ECO 200 | TSM ECO 300 |
|--|---|---|---|---|
| Product Code | ST-0032 | ST- 0052 | ST- 0011 | ST- 0012 |
| 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) | 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 ANP 1808 | Wunder ANP 2108 | Wunder ANP 2510 | Wunder ANP 2108* (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 | Black Aluminum | Black Aluminum | Black Aluminum | Black Aluminum |
| ABSORPTANCE / EMITTANCE | 0,74 / 0,26 | 0,74 / 0,26 | 0,74 / 0,26 | 0,74 / 0,26 |
| WELDING METHOD | Laser Welding | Laser Welding | Laser Welding | Laser Welding |
| GLASS MATERIAL | Normal Iron Tempered Glass | Normal Iron Tempered Glass | Normal Iron Tempered Glass | Normal Iron Tempered Glass |
| INSULATION MATERIAL | Glass Wool | Glass Wool | Glass Wool | Glass Wool |
| BASE SHEETING | Embossed- Finished Aluminum Sheet | Embossed- Finished Aluminum Sheet | Embossed- Finished Aluminum Sheet | Embossed- Finished Aluminum Sheet |