

**ALPHA**  
**INTEGRATED SOLAR WATER HEATER**  
AWARDED  
QUALITY ASSURANCE CERTIFICATE  
**ISO 9001:2008**

<b>1. DIMENSIONS</b>	<b>2060 X 1060 X 430 mm</b>
<b>2. WEIGHT</b>	<b>106 kg</b>
<b>3. WATER CONTENT (nom.)</b>	<b>200 ltrs</b>
<b>4. COLLECTOR-BOILER</b>	<b>The boiler “body” is made from 2.5mm USD 37.2 steel plate. The boiler is (glass) enameled with the advanced double “direct” method “fired” at 840o C. Magnesium anode protection</b>
<b>5. TEST PRESSURE</b>	<b>15 bar</b>
<b>6. WORKING PRESSURE</b>	<b>10 bar</b>
<b>7. COLLECTOR COATING</b>	<b>Special Black matt paint</b>
<b>8. INSULATION</b>	<b>30-50 mm foamed polyurethane casted under pressure in casing, density 40kg/m<sup>3</sup> (K:0.019 kcal/m,h/C)</b>
<b>9. ELECTRIC HEATING ELEMENT</b>	<b>Copper, zinc coated, 1.5, 2.0, 3.0 or 4.0kW/220-240 Volt, 50 HZ</b>
<b>10. THERMOSTAT</b>	<b>Adjustable 30-90 C with safety cut-out at 92 C</b>
<b>11. CASING</b>	<b>High Impact Polystyrene (ESCR) resin sheet 3.5mm thick with UV stabilizer</b>
<b>12. GLAZING</b>	<b>Prismatic Tempered glass 4 mm</b>
<b>13. SEALING</b>	<b>EPDM rubber</b>