

**Product Name :**  
Solar Thermal Kit

**Product Code :**  
DM871



**Description :**

Solar Thermal Kit

**Technical Specification :**

Solar Thermal Kit

Colour schematic diagram reproducing both hydraulic and electric circuit

Wheeled tank for sanitary water with coil exchanger, 150 l capacity

Pump for primary circuit

Safety, check and exhaust valves

Gate valve, shut-off valves

Expansion tank

1 solar collector, total surface 2 m<sup>2</sup>, copper absorber plate, rockwool insulation

Adjustable collector support

Primary circuit pump control:

Differential thermostat - Electronic controller

Dial thermometers, pressure gauge

Volumetric water counters

Data acquisition system to calculate thermal energy on primary circuit and to assess instantaneous and average efficiency of collectors; measurement of flow rate, collectors inlet and outlet temperatures, ambient temperature, boiler temperature and of solar radiation incident on collectors's™ surface. Pc connection via serial port RS232; software for Windows

Power supply: 230 Vac 50 Hz single-phase - 1500 VA

(Other voltage and frequency under request)

Dimensions: Boiler: 70 x 70 x 100 cm Solar collector: 100 x 200 x 10 cm

Trolley: 120 x 120 x 200 cm Net weight: 200 -300 kg.

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