

GeyserWise TSE1 model

Please Note: The TSE1 model is suitable for normal geyser application and thermosyphon solar systems and **NOT** for pumped solar systems

Geyser^o

wise

intelligent energy control



Labeled - TSE1.



Note the small control box compared to MAX.



GeyserWise thermal cut-out sold with the unit.

GeyserWise TSE1 functionality

Use as a geyser timer

- Clear display of water temperature, time, day, heating mode and malfunction conditions.
- Auto or manual heating.
- Easy temperature setting to your requirements (30 - 75°C) factory default is 55°C.
- Four different temperature settings.
- Daily programmable timer with four time settings.
- Error conditions alert by warning code E2 to E5 & E7.
- **Mechanical thermal cut-out at 90°C. Please note the cut-out temperature for systems expected to reach temperatures above this temperature.**

Use as timer on a thermosyphon solar system

- Clear display of water temperature, time, day, heating mode and malfunction conditions on solar system and geyser.
- Auto or manual heating.
- Easy temperature setting to your requirements (30 - 75° C) factory default is 55°C.
- Four different temperature settings.
- Daily programmable timer with four time settings.
- Error conditions alert by warning code E2 to E5 & E7.
- Mechanical thermal cut-out at 90°C. Please note the cut-out temperature for systems expected to reach temperatures above this temperature.

Technical Parameters

- Operating voltage 230VAC / 50HZ.
- Main relay contact rating 30AMP (Max 4KW).
- Operating voltage range 220V - 250V AC.
- Temperature display range 0°C - 130°C ("EA" when below -5°C "EA" when above 125°C).
- High temperature warning above 84°C.
- Temperature setting ranges 30 - 75°C (heating water electrically).
- Heat failure - when increase at a rate of less than 4°C per hour.
- Mechanical thermal cut-out at 90°C. Please note the cut-out temperature for systems expected to reach temperatures above this temperature.
- Dry heat detection - empty cylinder.
- Temperature tolerance $\pm 2\%$.
- Temperature differential setting 1°C.
- Switching differential 6°C.
- Temperature probe failure detection for tank.
- Temperature probe range for geyser is -30 to + 130°C.

CAPE TOWN

physical address 18 Jagger Road, Elsies River, Western Cape, 7480
tel 086 104 3973 • email contact@geyserwise.co.za

CENTURION

physical address Unit 13, Jurg Business Park, C/O Jakaranda Str & Jurg Ave
Hennospark, Centurion
tel/fax 012 653 1020

web www.geyserwise.co.za