Operating instructions for system users



VITOSOLIC 100, part no. 7170 925

Control units for solar heating systems

For your safety



Please follow these safety instructions closely to prevent accidents and material losses.

In an emergency

- Immediately isolate the mains electrical supply, e.g. by removing a separate mains fuse or by means of a mains electrical isolator (unless you smell gas).
- For fire, use an appropriate fire extinguisher.

Work on the equipment/solar heating system

Installation, initial start-up, inspection, maintenance and repairs must only be carried out by a competent person (heating engineer/installation contractor).

Before working on the equipment/ heating system/solar heating system, isolate its mains electrical supply (e.g. by removing a separate mains fuse or by means of a mains electrical isolator) and safeguard against unauthorised reconnection.

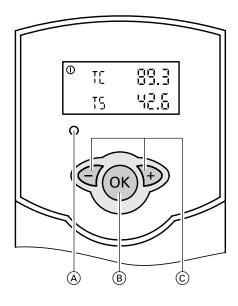
Never work on the solar panel in direct sunlight (high temperatures).

Initial start-up

The initial start-up and matching up of the control unit to local conditions and the structural characteristics of the building must be carried out by your heating contractor.

5592 448 GB 6/2003 Please keep safe

Operating controls and display elements



- (A) ON/OFF lamp (green) Fault lamp (red flashing)
- (B) Confirmation
- © Forward/back or value adjustment

Display window symbols

These symbols are not on constant display, but appear subject to the operating condition of the system.

Solar circuit pump ONAuxiliary function active

> ■ ☆ flashing Maximum cylinder temperature exceeded

Sensor fault

Manual mode

Switching the system ON and OFF

Switch the mains voltage ON or OFF, e.g. by removing a separate fuse or by means of a mains electrical isolator.

Displaying actual values

The following actual values can be displayed by pressing "+" and "-" (two actual values will always be displayed together):

- TE Collector temperature in °C
- 15 Cylinder temperature in °C
- Thermostat temperature in °C (temperature at any auxiliary sensor which may be connected)
- All Actual heat in kWh*1
- HO Operating hours of the solar circuit pump in hours*1

^{*1}These values cannot be reset. After reaching 9999, counters return to start again at 0.

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... Solar heating system will not start

| Cause | Remedy |
|------------------------------------|--------------------------------------|
| Fuse inside control unit has blown | Notify your local heating contractor |

... DHW cylinder stays cold

| Cause | Remedy |
|---------------------|--------------------------------------|
| Control unit faulty | Notify your local heating contractor |

... DHW cylinder is not reloaded by the boiler

| Cause | Remedy |
|---|-----------------------------|
| Heating and time program incorrectly set at boiler control unit | DHW heating must be enabled |

... red fault lamp flashes and / is displayed

| Cause | Remedy |
|--|---|
| Sensor fault in the solar heating system | Notify your local heating contractor: Read off the fault code -888.8 Short circuit 888.8 Break in the lead |

Your contact

Contact your local heating contractor for questions regarding maintenance and repair of your heating system.

You may, for example, find local heating contractors under www.viessmann.de on the internet.

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