# 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.

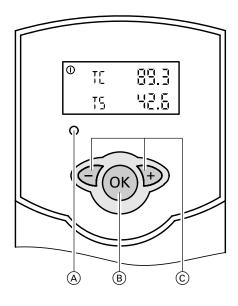
Never work on the solar panel in direct sunlight (high temperatures).

### **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

<sup>\*1</sup>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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