



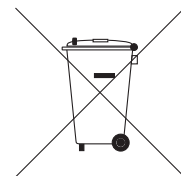
SET 3E
*Electronic 24-Hour Programmer
for Heating and Hot Water*

**For a large print version of these instructions
please call Marketing on 0845 121 7400.**



Certification Mark

This product complies with the following EC Directives:
Electro-Magnetic Compatibility Directive.
(EMC) (2004/108/EC)
Low Voltage Directive.
(LVD) (2006/95/EC)



Danfoss can accept no responsibility for possible errors in catalogues, brochures, and other printed material. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Thank you for buying a Danfoss product

GB

Danfoss

User Instructions

SET3E

*Electronic 24-Hour Programmer
for Heating and Hot Water*

GB



Index

1.0 User Guide	6
1.1 Your Programmer.....	6
1.2 Resetting the Unit.....	6
1.3 Setting the Clock.....	7
1.4 Preset Programme	7
1.5 Accepting the Preset Programmes.....	7
1.6 Programming the Unit.....	7
2.0 Temporary User Overrides	8
2.1 Manual Switch Settings.....	9
2.2 Memory Backup	10



The text below has been edited and approved by the Plain English Campaign, who has issued a Crystal Mark to be displayed with it.



What is a programmer?

... an explanation for householders.

Programmers allow you to set 'On' and 'Off' time periods. Some models switch the central heating and domestic hot water on and off at the same time, while others allow the domestic hot water and heating to come on and go off at different times.

Set the 'On' and 'Off' time periods to suit your own lifestyle. On some programmers you must also set whether you want the heating and hot water to run continuously, run under the chosen 'On' and 'Off' heating periods, or be permanently off.

The time on the programmer must be correct. Some types have to be adjusted in spring and autumn at the changes between Greenwich Mean Time and British Summer Time.

You may be able to temporarily adjust the heating programme, for example, 'Override', 'Advance' or 'Boost'. These are explained in the manufacturer's instructions.

The heating will not work if the room thermostat has switched the heating off. And, if you have a hot-water cylinder, the water heating will not work if the cylinder thermostat detects that the hot water has reached the correct temperature.

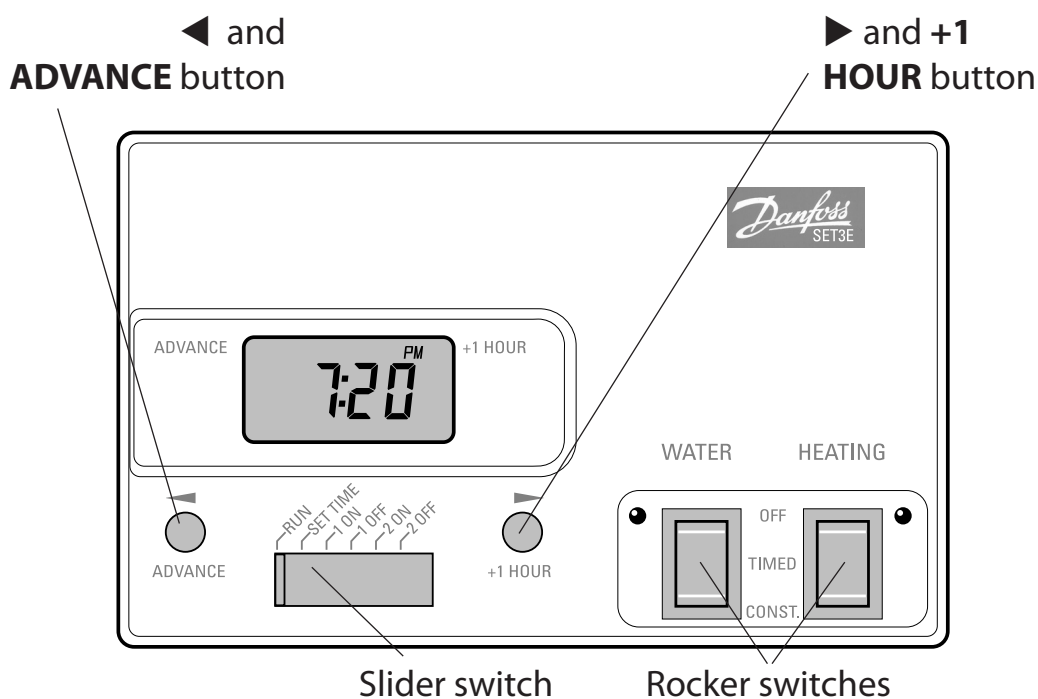
1.0 User Instructions

1.1 Your Programmer

The SET3E allows you to switch your hot water and heating on and off automatically, at times that suit you.

The programmer provides 2 ON times and 2 OFF times per day, and by the use of a simple rocker switch you can run your heating and hot water separately, to suit your lifestyle.

GB

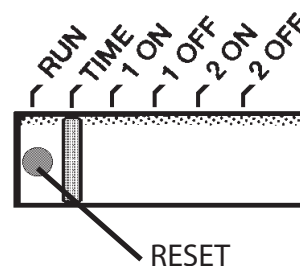


1.2 Resetting the Unit

IMPORTANT: Before you start you should reset the unit. This will reinstate the preset programmes.

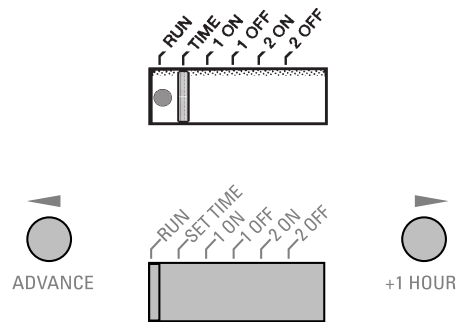
To do this:

- move slide switch to **SET TIME** position.
- using something non-metallic (i.e a matchstick) press into the small hole as shown opposite.



1.3 Setting the Clock

- Move the slider to **SET TIME** position.
- Use ◀ and ▶ keys to set the correct time.



GB

1.4 Preset programme

The unit is supplied with the following preset programme which will be active after the unit has been RESET (see page 6):

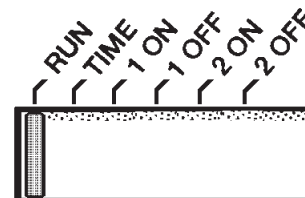
ON at 6:30am, OFF at 8:30am.
ON at 5:00pm, OFF at 10:30pm.

To alter these times to suit your requirements, follow the instructions below.

1.5 Accepting the preset programmes

If you are happy to use the preset programmes above you don't need to do anything else.

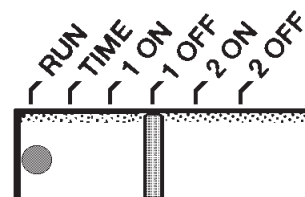
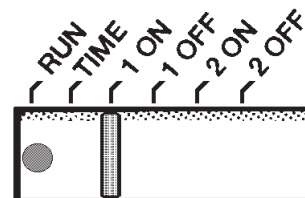
Just return the slider to the **RUN** position.



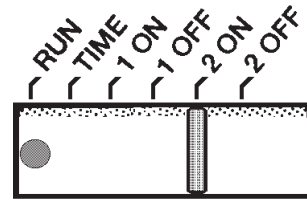
1.6 Programming the Unit

You can programme your heating and hot water to come on and go off twice a day, to suit your requirements. To programme your unit:

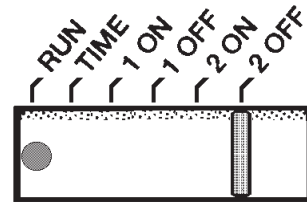
- Move the slider to the 1st ON position and use ◀ and ▶ keys to set the time you want the programmer to first come on.
- Move the slider to the 1st OFF position and use ◀ and ▶ keys to set the time you want the programmer to first go off.



- Move the slider to the 2nd ON position and use ◀ and ▶ keys to set the time you want the programmer to next come on.



- Move the slider to the 2nd OFF position and use ◀ and ▶ keys to set the time you want the programmer to next go off.



Remember to return the slider switch to the RUN position after programming.

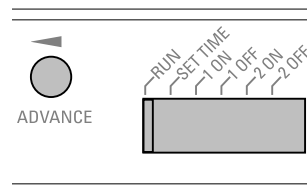
2.0 Temporary User Overrides

Sometimes you may need to change the way you use your system temporarily, i.e. due to unusually cold weather, increased hot water requirements. The SET3E has two convenient overrides which can be selected without affecting the set programme.

Note: This will only work when the slider switch is in the RUN position and will automatically cancel at the start of the next programmed event.

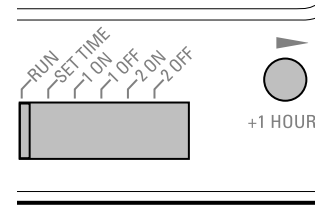
Advance

- Press the **ADVANCE** button once to move forward to the next programmed event.
- **If the system is on it will go off. If it is off it will come on.**
- A bar on the left of the LCD will remind you that you have selected Advance.
- To cancel the override, press the **ADVANCE** button again.



1 Hour Extra

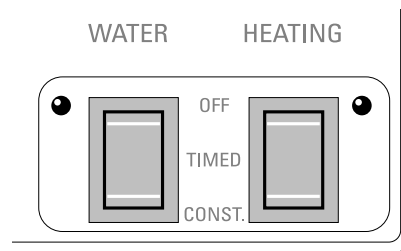
- Press **+1 HOUR** button once if you need an extra hour of operation.
- **If the system is off it will come on. If it is already on it will add an extra hour so the system stays on for an extra hour.**
- A bar on the right of the LCD will remind you that you have selected +1 hour.
- To cancel the override, press the **+1 HOUR** button again.



GB

2.1 Manual Switch Settings

The 2 rocker switches are used to select how the SET3E controls your hot water and heating. The hot water and heating systems can be controlled independently but share the same time settings



WATER switch

- **OFF** - the hot water is manually switched OFF and will stay off until you change the position of the switch.
- **TIMED** - the hot water will come on and go off at the times you have programmed, plus any temporary overrides.
- **CONSTANT** - the hot water will come on manually and stay on constantly until you change the position of the switch.

HEATING switch

- **OFF** - the heating is manually switched OFF and will stay off until you change the position of the switch.
- **TIMED** - the heating will come on and go off at the times you have programmed, plus any temporary overrides.
- **CONSTANT** - the heating will come on manually and stay on constantly until you change the position of the switch.

2.2 Memory Backup

IMPORTANT

If the SET3E is ever disconnected from the mains the display will go blank but the unit will keep your programme time and settings for up to 10 hours.

When power is restored the unit will continue to function as normal.

GB

For power cuts or disconnections of greater than 10 hours, when mains power is restored you must reset the unit (see page 6). This will reinstate the factory preset programmes and set the time of day to noon.

GB

Danfoss



Danfoss Randall Ltd.

Amphill Road
Bedford MK42 9ER

Tel: 0845 1217 400

Fax: 0845 1217 515

Email: danfosrandall@danfoss.com

Website: www.danfoss-randall.co.uk

Part No. 8644v01s6-1 03/11