FP715 Si
User Instructions

Danfoss

Before beginning programming, you should reset the unit. Open the flap on the front of the clock. Press the **RESET** button using a non-metallic object (e.g. end of a bic biro pen top). This will clear all previous pre-set programmes. **(Fig. 1)**

Fig. 1

A. Setting the correct Time and Day

The time and date are set in the factory and do not need to be set.

B. Accepting the Factory Settings

The FP715 Si comes ready programmed with a set of times to suit the average household.

If you wish to alter these settings follow instructions below.

Fig. 2

Your installer will have set your unit to operate in one of the following modes:

5/2 day - a set of programmes for weekdays and another for weekends **(Section C)**

7 day - different settings for each day of the week **(Section D)**

24 hour - one set of programmes for the whole week **(Section E)**

Please follow relevant instructions below.

Fig. 3

To alter clock & ON/OFF times

C. Programming the Heating - 5/2 day mode

1. Press **PROG (Fig. 2)** until **SET CH ON TIME** appears at the top of the display and **MOTUWETHFR** appears at the bottom of the display **(Fig. 6)**. Use the **+ and -** buttons **(Fig. 3)** to set the time you would like your heating to first come on in the morning **(Event 1)**.

2. Press **NEXT ON/OFF** once only **(Fig. 7)**. Use the **+ and -** buttons **(Fig. 3)** to set the time you want your heating to go off **(Event 2)**. To move to the next setting, i.e. when you would like your heating to come on again **(Event 3)** press the **NEXT ON/OFF** button once only.

3. Continue programming the central heating ON and OFF times for weekday Events 4,5 & 6 as in Step 2.

4. Press the **DAY** button once **(Fig. 4)** and **SASU** will appear at the bottom of the display **(Fig. 8)**. Programme new ON/OFF times by pressing the **NEXT ON/OFF** button **(Fig. 7)** once to move to the next setting and using the **+** and **-** buttons **(Fig. 3)** to set the time you want.

5. Press **DAY** button **(Fig. 4)** to return display to **MOTUWETHFR**, ready to programme the Hot Water.

6. **Proceed to Section F.**

Fig. 4

To move to next day or to weekend

Fig. 5

OFF 10:30 OFF
TU

D. Programming the Heating - 7 day mode

1. Press **PROG (Fig. 2)** until **SET CH ON TIME** appears at the top of the display and day of week (e.g. **MO**) appears at the bottom of the display **(Fig. 9)**. Use the **+** and **-** buttons **(Fig. 3)** to set the time you want your heating to first come on in the morning **(Event 1)**.

2. Press **NEXT ON/OFF (Fig. 7)** to move to **Event 2**. Continue programming the central heating ON and OFF times in this way by using the **+ and -** buttons to set the time you want and pressing the **NEXT ON/OFF** button to move to the next setting **(Figs. 3 & 7)**.

3. Press **DAY** button once only **(Fig. 4)**, the next day (e.g. **TU**) will appear at the bottom of the display. Continue programming for the rest of the week by pressing the **NEXT ON/OFF** button **(Fig. 7)** to move to the next setting, using the **+ and -** buttons to amend the time, and by pressing **DAY** to advance to the next day **(Figs. 7, 3 & 4)**.

4. Press **DAY** button **(Fig. 5)** to return display to **MO**, ready to programme the Hot Water

5. **Proceed to Section F.**

Fig. 6

SET CH ON TIME
16:30 AM
MOTUWETHFR

Fig. 7

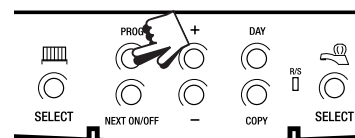**To move to next event**

E. Programming the Heating - 24 hour mode

1. Press **PROG (Fig. 2)** until **SET CH ON TIME** appears at the top of the display. Use the **+ and -** buttons **(Fig. 3)** to set the time you want your heating to first come on in the morning **(Event 1)**.

2. Press **NEXT ON/OFF (Fig. 7)** to move to **Event 2**. Continue programming the central heating ON and OFF times in this way by using the **+ and -** buttons to set the time and pressing the **NEXT ON/OFF** button to move to the next setting **(Figs. 3 & 7)**.

3. **Proceed to Section F.**

Fig. 8

SET CH ON TIME
16:30 AM
SASU

Fig. 9

SET CH ON TIME
16:30 AM
MO

N.B. Depending how your installer has set the clock you will be able to programme either 2 or 3 ON/OFFs per day. If your clock has been installed to allow 3 ON/OFFs and you do not wish to use one of the ON/OFF settings, simply programme the ON time to be the same as the OFF time and the setting will not operate.
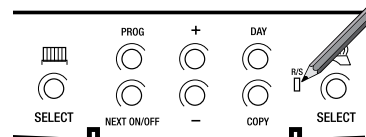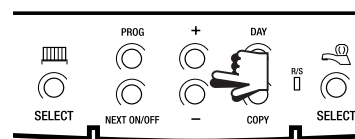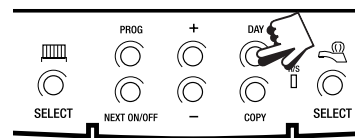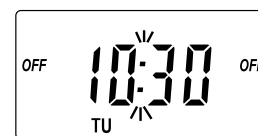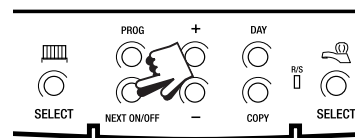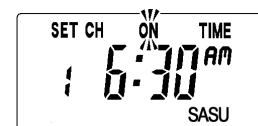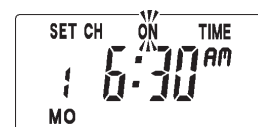
F. Programming the Hot Water

To set the hot water programme press the **PROG** button **(Fig. 2)** until the **SET HW ON TIME** appears on the display **(Fig. 10)**.

Set the hot water programme in the same way as the heating programme, using the **+ and -** buttons to alter the time **(Fig. 12)**, by pressing the **NEXT ON/OFF** button **(Fig. 11)** to move to the next setting and by pressing **DAY (Fig. 13)** to advance through days of the week (7 day mode) or to advance to Saturday and Sunday programming (5/2 day mode).

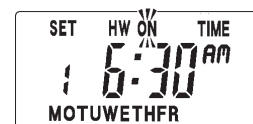Finally press **PROG (Fig. 2)** to return the unit to **run mode (Fig. 5)**.
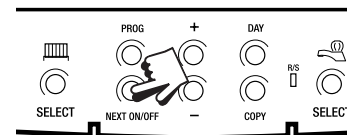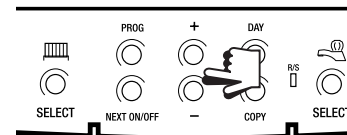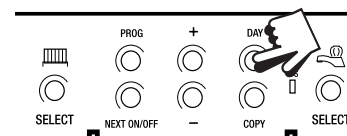
G. Running your Programme

To run the central heating programme: press the **SELECT** button next to the symbol of a radiator **(Fig. 14)**.

To run the hot water programme: press the **SELECT** button next to the tap symbol **(Fig. 14)**.

As you press each of the **SELECT** buttons the display will change between **ON, OFF, ALLDAY** and **AUTO.** Select the option you require depending on your circumstances, time of the year etc **(Fig. 15)**.

- **AUTO** = the heating or hot water come on and go off at the programmed times
- **ON** = the heating or hot water will remain on constantly
- **OFF** = the heating or hot water will not come on
- **ALLDAY** = the clock will turn the heating or hot water on at the first programmed ON and will leave it on until your last programmed OFF

H. Temporary Override Buttons

The **grey buttons next to the radiator** are the **heating** override buttons **(Fig. 16)**

The **grey buttons next to the tap** are the **hot water** override buttons **(Fig. 16)**

+1HR = the heating/hot water will remain on for an extra hour. If it is pressed whilst the programme is off, the heating/hot water will come on immediately for 1 hour then go off.

MAN = if this button is pressed when either system is on, then that system will go OFF until the next programmed ON. If this button is pressed when either system is OFF, that system will come ON until the next programmed OFF.

NB. These over-rides are only temporary and do not affect the preset programmes.
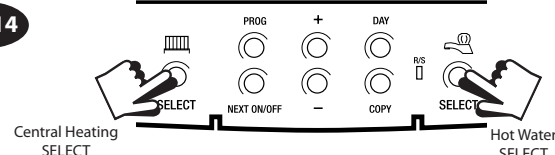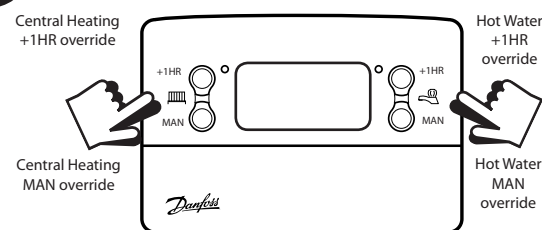
I. Winter Time / Summer Time Clock

The change between winter and summer time is handled automatically and will occur on the correct date in Spring and Autumn.

J. Service Interval Timer

If the property is owned by a landlord he may, for gas safety reasons, have instructed the installer to set the service interval timer.

If set a visual and audible warning will alert you that the boiler will need servicing within the next 28 days. This warning is repeated each day at noon. **(Fig. 17)**

If the boiler is not serviced within 28 days the daily audible warning will sound continuously and can only be cancelled each day by pressing any button on the unit.

In addition, all overrides and programming buttons will be disabled and the heating and hot water will only operate for 15 minutes in each programmed hour.

As this is a gas safety feature only an installer can reset the service interval timer. This will be done as part of the boiler service.

Fig. 10

Fig. 11
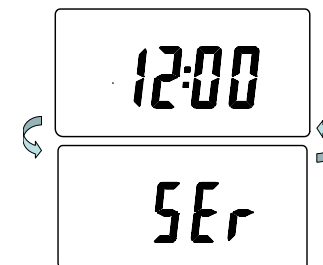
To move to next event

Fig. 12

To alter ON/OFF times

Fig. 13

To move to next day or to weekend

Fig. 14

Central Heating SELECT

Hot Water SELECT

Fig. 15

Fig. 16

Central Heating +1HR override

Central Heating MAN override

Hot Water +1HR override

Hot Water MAN override

Fig. 17