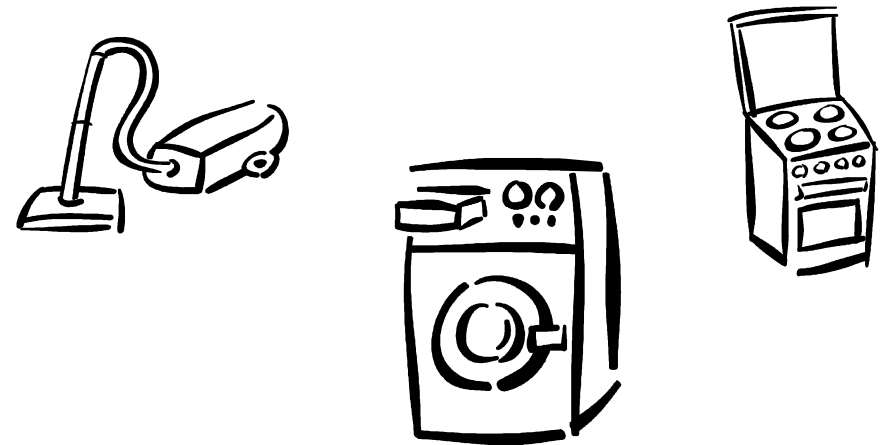




UNIVERSITY OF LONDON  
HOUSING SERVICES

# *Electrical Appliance Manual - Clandon House*

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*Property Management Unit*



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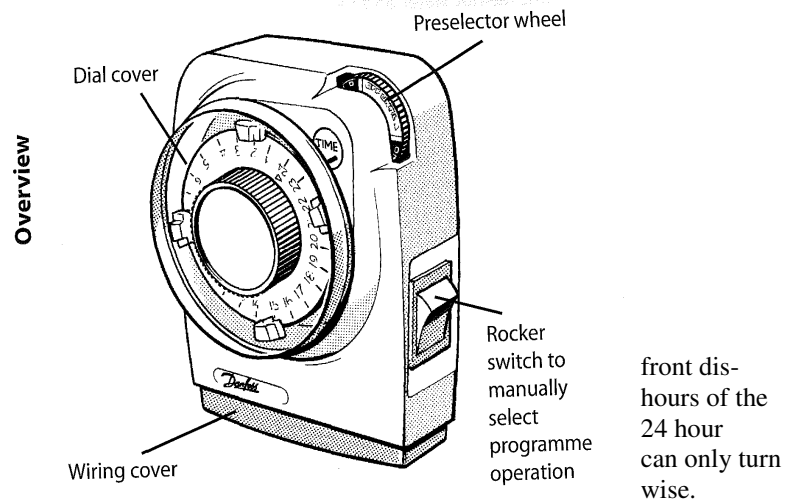
## BOILERS

Clandon House has a number of different boilers, please check which make and model your is in order to establish which of the following instructions is relevant to you.

### *Danfloss-Randall 103:*

#### **Your time switch -**

The times switch can control your heating and hot water at the same time. You can choose whether the time switch control your hot water and heating at the programmed times, constantly on or constantly off.



#### **Setting the time of day –**

Remove dial cover (turn slightly to the left and pull off). Turn the dial clockwise until the correct time is aligned to the time mark.

**Notes:**

**Setting the programme –**

1. If not already done so, remove the dial cover (turn slightly to the left and pull)

Decide when you want your hot water and heating to come on and go off. While gripping the dial

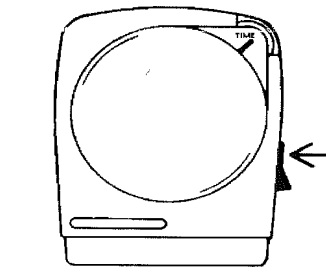
2. knob slide the **red** tappets to the required ON times and the **blue** tappets to the required OFF times (the tappets might be quite stiff to move)

**Selecting operating mode –**

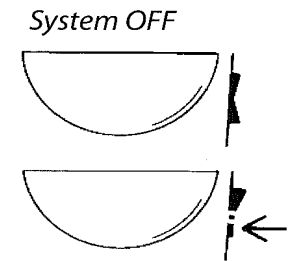
The Rocker Switch on the side of the unit is used to select how your boiler controls your hot water and heating system. You can manually select either:

- Hot water and heating follow set programme
- Hot water and heating constantly on
- Hot water and heating constantly off

**Switch positions**

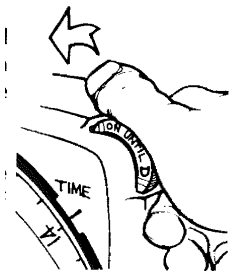


*TIMED - system follows set programme*



*CONSTANT - system remains permanently ON*

## Overriding the programme using the Pre-selector wheel-





The pre-selector wheel can be used to override the set programme on occasions when you need to change from your normal heating routine.

By turning the wheel anti-clockwise you can turn the unit ON when it is OFF and vice versa

### Grasslin Digi 20:

#### ■ KEYPAD DESCRIPTION

-  Setting the Time/Automatic Run Mode
  - Prog.** Program Mode
  - Res.\*** Reset: Clears all programs and time
  -  Select ON or OFF in Prog. Mode, Manual Override in Run Mode
  - ±1h\*** Manual Daylight Change Key
  - h** Setting the Hour (12:-- AM)
  - m** Setting the Minute (12:01 AM)
  - Day** Set Day(s) for time and programs
- \*Recessed keys; use a pen point to press*

Before proceeding with setting the time and programming the unit, press the reset key to clear all data from the memory.

## OVENS



There are a few different ovens at Clandon House, but each of them will be quite similar.

You will notice that on the oven there will be six knobs, four which are for the cooker hobs on the top, one for the main oven and one for the variable grill.

On each of the knobs for the grill there will be a diagram showing you which hob the knob is connected to. To turn the hob on, turn the knob to any number from one to six, note that six is the highest setting. It takes a while for the hob to heat up and also to cool down between settings as well at the end of cooking when you should have set the dial back to zero.

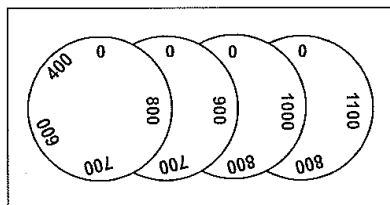
The temperature of the oven is measured in degrees centigrade, most recipes or packaged food will tell you what temperature you will need to cook your food at. Again, you will need to turn the dial to the correct temperature, leaving it time to heat up before you use it.

The variable grill has settings; low, medium and high. You need to turn the dial to the appropriate setting, and wait for it to heat up. Please note that not all ovens will have a grill.

## FRIDGE/FREEZERS

You should find your fridge/freezer already turned on, should you find that this is not the case, check to see if it is plugged in and switched on.

We recommend that you set your fridge to number three. So that you get the most out of your fridge/freezer you should defrost it regularly and avoid leaving the door open for longer than necessary and remember not to put warm food into the fridge.



### Switch – shortened program



is intended for use with less soiled laundry. Reduce consumption of detergents, water and time.

### Lower RPM

500  
Max.

With this switch you reduce the number of revolutions, which is especially recommended for washing delicates. If the switch is off, the number of revolutions during the spin cycle is higher. The max number of revolutions varies according to model.

### Half programme Switch

1/2


If the amount of laundry you intend to wash is smaller, use the half programme. This will help you save energy and water. Don't forget to use less washing powder as well.


### Selecting AM/PM or the 24 hour clock-




After pressing reset, the display may show AM. The numbered day symbols will be flashing on and off. If the display does not show AM it is set for the 24 hour clock. To change to AM/PM mode, press and hold the 'h' key and press the '+1h' key once, AM will appear in display.

If display is in AM mode and the 24 hour clock mode is desired, press and hold the 'h' key, press the '+1h' key once.

### Setting the time-

Press and hold the  key during the following:  
(If daylight saving time is in effect, press '+1h' first)

Press and hold the  key during the following:  
(If daylight saving time is in effect, press '+1h' first)

1. Press 'h' to advance the current hour (while holding down the  key
2. Press 'm' to advance the current minute ( while holding down the  key
3. Press 'Day' repeatedly to advance to current day ( while holding down the  key

If the days are flashing, it indicates the day of the week was not set when setting the time. The timer cannot be programmed unless the day of the week is entered.

### Manual daylight time changeover-

Each year, in the spring, press '+1h' to advance the time and hour. In the autumn, press '+1h@' to set back an hour.

## Programming 24 hour or 7 day schedules-

**Example**

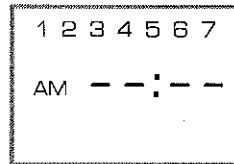
**Program 1:** ON at 7:00AM Monday thru Saturday

**Program 2:** OFF at 5:00PM Monday thru Friday

**Program 3:** OFF at 7:00PM Saturday

Three programs need to be entered.

Press **Prog.** key only once. Display shows:



**Program 1** (ON at 7:00AM Monday thru Saturday)

- Press **ON** key once      ON symbol (●) appears
- Press **h** key              to 07AM
- Press **m** key once        to 00
- Press **Day** key once     1 2 3 4 5 6 is displayed
- Press **Prog.** key to enter

**Program 2** (OFF at 5:00PM Monday thru Friday)

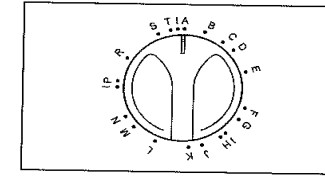
- Press **OFF** key twice      OFF symbol (○) appears
- Press **h** key                to 05PM
- Press **m** key once        to 00
- Press **Day** key two times 1 2 3 4 5 is displayed
- Press **Prog.** key to enter

**Program 3** (OFF at 7:00PM Saturday)

- Press **OFF** key twice      OFF symbol (○) appears
- Press **h** key                to 07PM
- Press **m** key once        to 00
- Press **Day** key 9 times    until only 6 is displayed
- Press **Prog.** key to enter
- Press **Run** key to enter Run Mode

If 24 hour time control (same schedule every day of the week) is desired, ignored 'Day' key.

If an ON or OFF symbol is not entered, the ON symbol will flash, and programme will not be accepted.



Washing programmes are divided into three groups:

A-G programmes for non-delicate laundry

H-N programmes for fine and delicate laundry

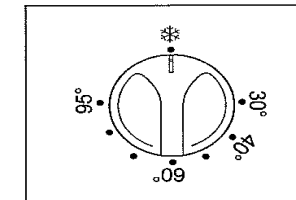
P-T programmes for woollens

### Temperature selection knob:

Turn the knob clockwise.

Washing temperature may be optionally selected up to 95 degrees.

Programmes from A- B may be used as economic programme, if the selected temperature is lower than 95 degrees centigrade. This feature will help you save up to 40% energy.



On the position marked with a snow flake, the heater are switched off and you can select cold wash on all programmes. The duration of the programme is the same as if the heaters are on.

### Spin speed selection knob:

Spin speed (rpm) is selected by turning the knob clockwise, step by step, from 0 up to the highest number of revolutions and backwards. Numbers on the knob are revolutions per minute and intermediate settings are marked with dots.

- 1 90°C with Prewash
- 2 White Cotton 90°C
- 3 Fast coloured 60 °C
- 4 No fast Coloured 40 °C
- 5 Cold Wash
- 6 Extra rinsing
- 7 Fab Cond/Spin
- 8 White Nylon 60 °C
- 9 Minimum Iron 50 °C
- 10 Delicates 40 °C
- 11 Silk-Acetate 30 °C
- 12 Rinsing
- 13 Fabric Conditioner
- 14 Drain No Spin
- 15 Woollens
- 16 Fabric Conditioner
- 17 Delicate Spin

**Gorenje WA1287:**

*Please note that the instructions below are for a number of Gorenje machines, you may find that your model does not have some of the functions.*

The control light is lit when the washing machine is switched on. Select suitable washing programme, prepare the laundry for washing and press the ON/OFF switch to switch the machine on.

**Programme selection knob:**


This knob is used to select washing programmes. All the 17 programmes are marked from A to T. To select various programmes, simply turn the knob clockwise. Don't forget, when turning the knob, the machine should be switched off.

**Reviewing programs-**

To review the programs at any time, press 'Prog' key. Programs will appear in the order they were entered with repeated presses of the 'Prog' key. After all programs have been reviewed, the blank display will appear to allow entering another programme. Another press of the 'Prog' key will display the number of free programs available, such as FR 16 if 4 programs have been entered.

**Changing a program –**

Select the program to be changed with the 'prog' key. A new set of days may be selected with the 'Day' key just as in initial programming. Hour and minute can be changed with the 'h' and 'm' keys.

Press 'Prog' or  key to store the new program.

**Deleting a program-**

To delete only one or a few programs: press 'prog' key until the desired program is displayed.

Press 'm' key to :59 and press once more to blank out.  
Press 'h' key to 11pm and press once more to blank out.

Press  key, display will flash for several seconds and then enter the Run Mode.

Using the reset key will delete ALL programs, the time of day and the day of the week.

**Drayton Lifestyle-**

Lifestyle time switches will automatically control your system by switching it on and off at times that suit you. The red light on the front of the time switch shows when it's on.

**LP111: Timeswitches**

24 Hour program, up to 3 heating periods each day, and every day the same.

Want to leave a timing as it is? Just press SET and move on to the next one.

If you need to reset your timings to the standard program and start again, press SET and + together to go back to the pre-set program.

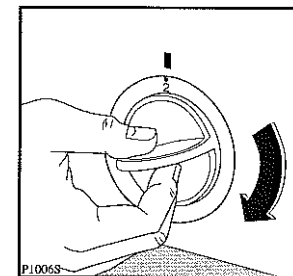
### The standard program-

The system will come on for up to 3 heating periods every 24hrs. ON1 starts the first one. OFF1 finishes it, and so on. Notice that ON2 and OFF2 are set to the same time. This means that your system won't respond, but if you want to activate that middle period or any change any other timing – read on.

SWITCHING	STANDARD PROGRAM
ON 1 – start of first timed period	6.30am
OFF 1 – end of first timed period	9.30am
ON 2 – start of second timed period*	12.00pm
OFF 2 – end of second timed period*	12.00pm
ON 3 – start of third timed period	4.30pm
OFF 3 – time switch-off at the day	10.30pm

### Changing the timings-

- Press the SET? button and you'll see the SET PROG?
- Press the YES button, and you'll see ON1, the start of your first heating period. Adjust it in 1 minute steps using the – and + buttons. If the – and + buttons are held down, the time changes in 10 minute steps.
- Press SET?, and you'll see OFF1, the end of your first heating period. Adjust this in the same way, press SET?, then repeat the procedure for ON2, OFF2, ON3 and OFF3.
- When you press SET? after setting OFF3, the timeswitch will return to the normal operation.



### Indesit 1060W:

Select suitable washing programme, prepare the laundry for washing and press the ON/OFF switch to switch the machine on.

1/2

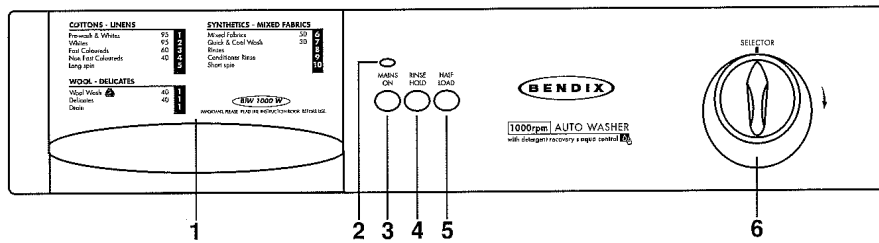
If the amount of laundry you intend to wash is smaller, use the half programme. This will help you save energy and water. Don't forget to use less washing powder as well.

For an economy wash at 60° press the 'e/60' button. This program can be used to reduce running costs by using less water and electricity for smaller wash loads and should be used on items that are less soiled.

Please note to select a half wash, an economy wash of to turn the machine on you should decompress the button, when the machine is off the on/off button will be compressed.

The program settings for the Indesit are as follows:

## The control panel –



1. Programme guide
2. Mains-on light: The light illuminates when the machine starts working and goes out when the on/off button is released.
3. On/off button: By depressing this button the machine starts operating. When depressed again, the machine stops.  
Rinse hold button: Press this button to make the machine stop with water in the drum after the cotton, synthetic or delicate wash cycles. This prevents any creasing which may take place if the clothes are left damp in the drum. When it is convenient for you to empty the machine, simply press this button again so that the machine can proceed to drain and spin, or turn the dial to the drain programme “13”.
4. programme “13”.
5. Half load button: Select this button to reduce water consumption on the rinse cycle when washing a smaller load of cottons or linens.
6. Programme selector dial: Turn the dial clockwise to select the required wash programme. Before setting the dial to any position the machine must be switched off by depressing the on/off button again.

## Operating sequence-

- Load the laundry
- Measure out the detergent
- Measure out the fabric softener
- Select the required option i.e. rinse hold or half load
- Select the required programme

## LP711:Timeswitches

A 7 day program, allowing for different timings on each day of the week, up to 3 heating periods each day.

Want to leave a timing as it is? Just press SET and move on to the next one.

If you need to reset your timings to the standard program and start again, press SET and + together to go back to the pre-set program.

The system will come on for up to 3 heating periods every 24hrs. ON1 starts the first one. OFF1 finishes it, and so on. Notice that ON2 and OFF2 are set to the same time. This means that your system won't respond, but if you want to activate that middle period or any change any other timing – read on.

SWITCHING	STANDARD PROGRAM	
	MON-FRI	SAT-SUN
ON 1 – start of 1st timed period	6.30am	7.00am
OFF 1 – end of 1st timed period	8.30am	9.00am
ON 2 – start of second timed period*	12.00pm	12.00pm
OFF 2 – end of second timed period*	12.00pm	12.00pm
ON 3 – start of third timed period	4.30pm	4.00pm
OFF 3 – final switch-off of the day	10.30pm	11.00pm

## Changing the timings-

- Press the SET? button and you'll see SET PROG?

## Set all weekdays-

First you set the times that are going to be the same for each weekday, then you can select each day individually and make any further adjustments. If you want each day to be quite different, go straight to Set each day.

- Press the YES button, and the display will ask SET MON to FRI PROG?
- Press YES and you'll see ON1, the start of your first heating period. Adjust it in 1 minute steps using the – and +. If the – and + buttons are held down, the time changes in 10 minute steps.
- Press SET, and you'll see OFF1, the end of your first heating period. Adjust this in the same way, press SET?, then repeat the procedure for ON2, OFF2, ON3 and OFF3.

#### Set each day-

- If, after you've set OFF 3 you want to fine –tune one or more weekdays, press SET? until you find the first day you want to adjust – then go through the procedure, altering any time you wish. Press SET? to move on to the next day. When you've finished, press SET? until you see SET SAT SUN PROG?
- If you don't want to alter any individual days, keep pressing SET? until you see SET SAT SUN PROG?

#### Set Weekend –

- Press YES and alter ON1, OFF1, ON2, OFF2, ON3 and OFF3 times in the same way.

#### Set each day –

If, after you've set OFF3 for both SAT and SUN you want to fine-tune Saturday or Sunday, press

- SET? until you find the first day you want to adjust – then go through the procedure, altering any time you wish. Press SET? to move on to the next day. When you press SET after setting your hot water for Sunday's the programmer will go back to normal operation
- If you don't want to alter either day, keep pressing SET? until the programmer goes back to the normal operation.

#### Worcester Greenstar 24i Junior/28i Junior-

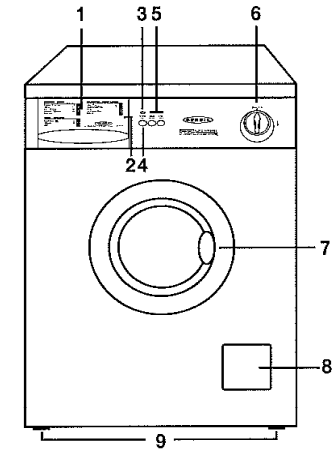
#### Controls -

1. Master switch for
2. Central heating temperature control
3. Mains on/off indicator + fault diagnostic light
4. Burner on indicator light (green)
5. Eco button (domestic hot water pre-heat on/off)
6. Fault reset button
7. System pressure gauge
8. Position for optional programmer

#### Bendix BIW 1000W/1200W:

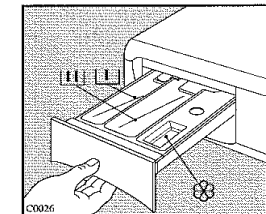
#### Description of the appliance-

- 1 Detergent dispenser drawer
- 2 Programme guide
- 3 "Mains-on" light
- 4 ON/OFF button
- 5 "Option" buttons
- 6 Programme selector dial
- 7 Door opening handle
- 8 Filter
- 9 Adjustable feet

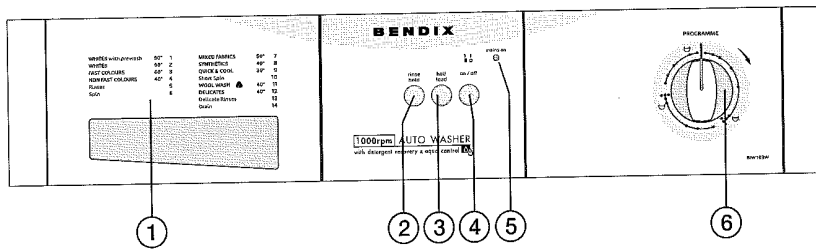


#### Detergent dispenser drawer

- Prewash
- Main wash
- Fabric softener

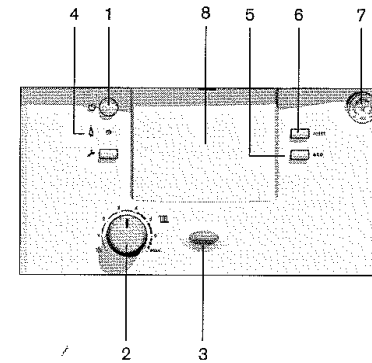
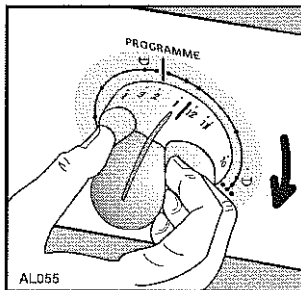


## The control panel –



1. Programme guide
2. Rinse hold button: Press this button to make the machine stop with water in the drum after the wash cycle. This prevents any creasing which may take place if the clothes are left damp in the drum. When it is convenient for you to empty the machine, simply press this button again so that the machine can proceed to drain and short spin, or turn the dial to the drain programme.
3. Half load button: Select this button to reduce
4. On/Off button: By depressing this button the machine starts operating. When depressed again, the machine stops.
5. Mains light on: This light illuminates when the machine starts working and goes out when the machine is switched off.

Programme selector dial: To select the required program turn the control clockwise until the marker on the top coincides with the number of the required program. Never turn the control anti-clockwise



## Operating the appliance –

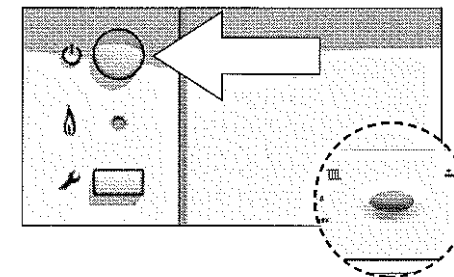
### Switching the appliances on/off

Switching On:

Switch the appliance on by pressing the master switch, the indicator light shows **blue**

Switching Off:

Switch the appliance by pressing the master switch, the **blue** indicator light goes out

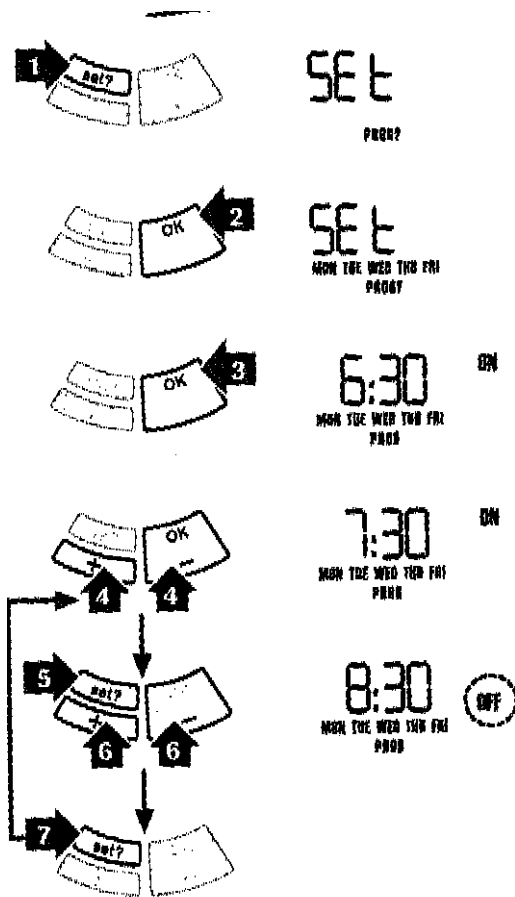


## Setting the central heating temperature-

Turn the central heating temperature control to the desired level, between 40 degree C and 82 degrees C.

When the burner is lit, the **green** indicator light underneath the on/off switch is illuminated.

## Setting the Time—



## RECEIVER SETTING PROGRAMS

### Setting MON - FRI:

- 1 Press 'set?' until 'SET' & 'PROG?' are shown in the display
- 2 Press 'OK' to select MON-FRI
- 3 Press 'OK' to select ON time

*Note: speed up the display by holding down the '+' or '-' buttons.*

- 4 Press '+' or '-' to change the ON time
- 5 Press 'set?' to set the ON time and select the OFF time
- 6 Press '+' or '-' to change the OFF time
- 7 Press 'set?' to set the OFF time and select the next ON time

Repeat operations 4 to 7 to set the 2nd and 3rd ON/OFF times.

*Note: after pressing 'set?' for the 3rd HW OFF time the display shows 'SET' MON ... see next page*

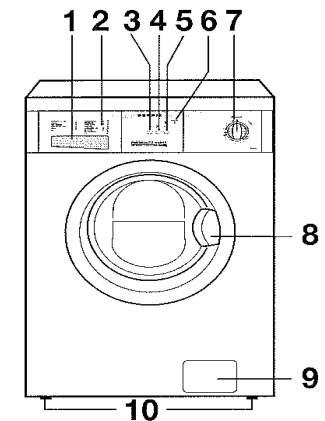
In the event that residual detergents or additives have accumulated:

- Press out the detergent drawer, all the way.
- Press down the insert
- Remove the detergent drawer
- Lift out insert
- Clean the detergent drawer and insert under running water and dry
- Attach the insert and lock into position
- Slide in the detergent drawer

## Bendix BIW 103 W:

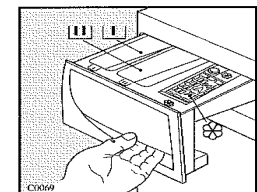
### Description of the appliance –

- 1 Detergent dispenser drawer
- 2 Programme guide
- 3 Rinse hold button
- 4 Half load button
- 5 ON/OFF button
- 6 Mains-on light
- 7 Programme selector dial
- 8 Door opening handle
- 9 Drain pump
- 10 Adjustable feet



### Detergent dispenser drawer

- Prewash
- Main wash
- Fabric softener



## Washing –

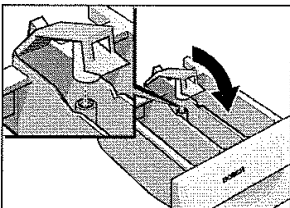
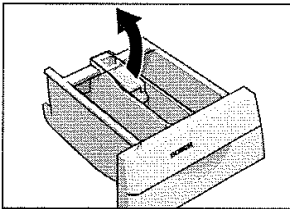
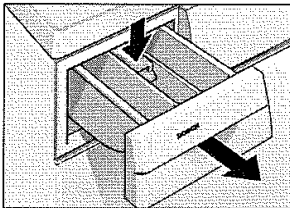
- Turn the programme selector to the desired programme
- If required, select the desired spin speed or rinse hold
- If required, press the button for additional option(s). The indicator light of the selected button is on.
- Press the start button to start the programme

## Changing the programme –

If you have accidentally selected the wrong programme

- Turn the programme selector to a newly selected programme. If prewash is selected subsequently, set the programme selector to off and reselect the programme
- If required, change the other settings
- Press the start button.

## Cleaning the detergent dispenser -

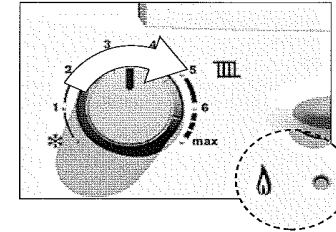


## Controlling central heating-

Set the timer to the correct time


Set the room temperature to the desired room temperature

Set the thermostatic radiator valves to the desired settings

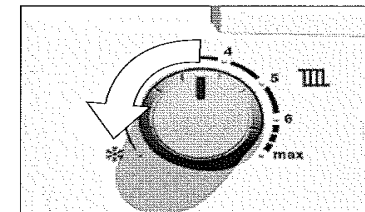


## Frost Protection-

- Leave the master switch on

Turn the central heating temperature control to 

If the temperature falls to 5 degrees C within the boiler it will fire to avoid possibility of freezing.



## Hot water-

The hot water temperature is fixed at 55 degrees C and can not be adjusted.

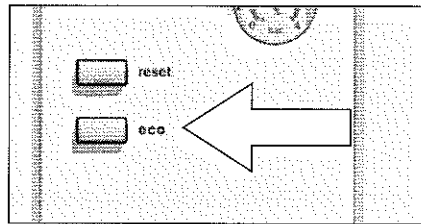
Pre-heat reduces the time taken to produce hot water at the tap and is controlled by the ECO button.

Press the ECO button to select either:

When the ECO button **is not illuminated** the boiler will be in pre-heat mode (which will reduce the time taken to produce hot water at the tap).

OR

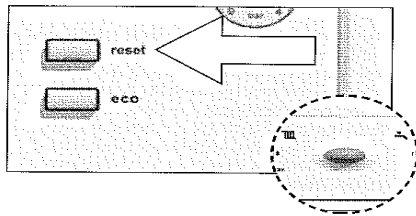
When the ECO button **is illuminated** the boiler will be in ECO mode with no pre-heat available.



## Fault Condition-

In the unlikely even of a fault occurring while the appliance is in operation:

The reset button will flash once per second and the main indicator (blue light) will flash at different speeds dependant on the fault.



## Bosch:

### Control Panel –

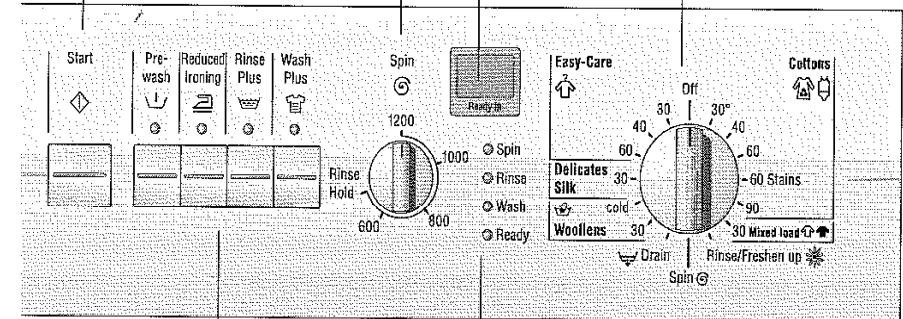
The Ready in time is displayed, if the programme is selected,

**Spin speed selector** (if required)  
For stepless setting of the spin speed; must click in place at **Rinse Hold**.

**Start button**  
For starting the wash cycle (programme must have been selected).

### Programme selector

For switching the machine on and off and for selecting the programme. Can be rotated in either direction. The programme selector does not rotate while the programme is running – the programme sequence is electronically controlled.



**Buttons for additional options**  
(in addition to the programme if required)

**Prewash:** actuate Prewash  
**Reduced Ironing:** creases are reduced.  
**Rinse Plus:** extra rinse cycle.  
**Wash Plus:** extended intensive washing.  
Combination of additional options is possible.

The indicator lights of the buttons come on if the additional options are active.

Switch off additional option: press button again.

### Indicator light

**Ready** is on, if the programme is selected,  
**Wash, Rinse, Spin** light up if the **Start** button is pressed and the respective programme segment runs.  
Indicator lights flash: Operation error.

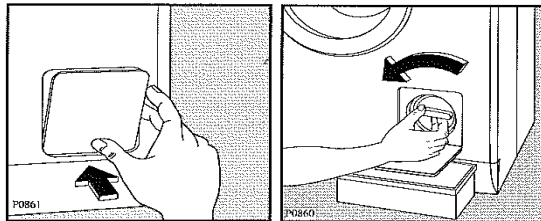
## Operating sequence –

- 1 . Load the laundry
- 2 . Measure out the detergent
3. Measure out the fabric softner
4. Switch the machine on
5. Select the desired programme/fabric
6. Select the temperature
7. Select the spin speed or the rinse hold option
8. Select the desired options i.e. quick wash
9. Start the programme

## Cleaning the filter

A clean filter is important for the correct operating of the machine, and should therefore be cleaned after every washing programme.

Open the filter door and place a container underneath to catch any spillage. Unscrew and remove the filter and clean under a fast running tap.



The reset button will no longer be illuminated and the mains indicator will stop flashing. The boiler should now function normally.

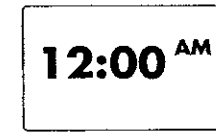
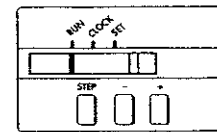
If the fault remains and cannot be cleared by pressing the reset button please report the fault to the warden or Property Management Unit.

## Potterton EP 4000:

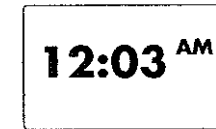
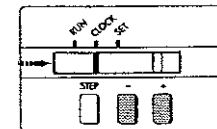
You can set the central heating to come on for two time periods a day.

### How to set your programmer-

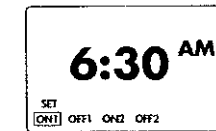
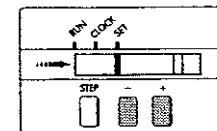
- Open door (from top edge). Normal Operation, display time.



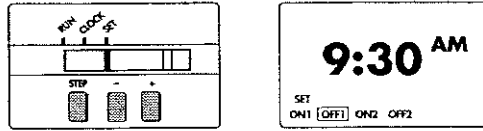
- To set the clock – move slider to clock, adjust displayed time, using – and + buttons



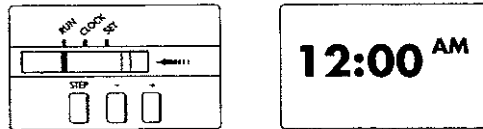
- Setting the on/off times – Move slider to set. Adjust ON1 time using – and + buttons.



- Press step button. Adjust OFF1 time, using – and + buttons. Repeat for ON2 and OFF2.



- When complete, move slider to run and close door.



### Using the extend button –

The extend button allows you to extend a current ON period or switch your central heating on, during an off period for 1, 2 or 3 hours. If you press the button a fourth time, the programmer will run at the original set times.

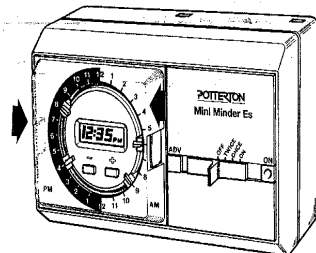
### Operation Notes –

It does take time for the boiler to produce the required heating and

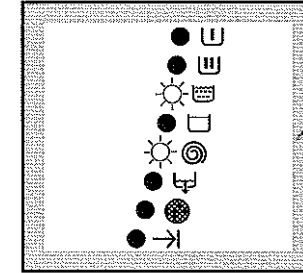
### Potterton Mini Minder ES:

#### Removing the cover-

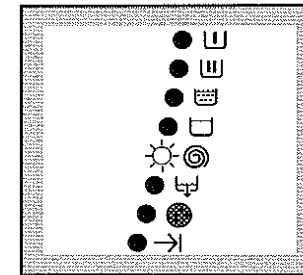
Squeeze the finger grip in the direction of the arrows and pull. Always replace the cover after setting on and off times.



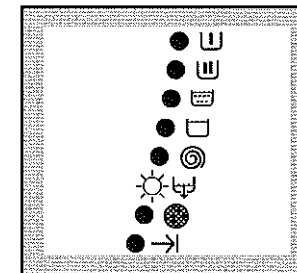
To select rinse and spin, press the skip button once, the wash LED goes out.



To select spin only, press the skip button twice. The was and rinse LED's go out.



To deselect drain, press the skip button three times, the wash-rinse-spin LED's go out.



Programme phase indicator lights – When you select a programme, the lights relevant to the phases that form the programme light up.

*Start* – after you have selected the desired programme and options, press this button to

start the washing machine. The light above the button will stop flashing and remain lit.

*Pause* – when you press this button again, the programme in progress is interrupted. The light above the button will start flashing. To restart the programme, press the button again.

When you pause the cycle, the door locked light goes out, and it is possible to open the door, provided

- The washing machine is not in the heating phase beyond 40 degrees C
- The level of water is not high
- The drum is not turning

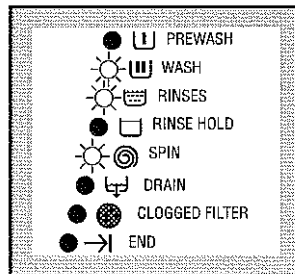
8. Skip/reset button: The button performs two functions

- Clears the memory
- Selects special programmes

At the end of every programme the reset button must be pressed once or repeatedly to clear the programme memory. All the programme phase indicator lights must be off.

If the previous programme is not cleared, an audible signal will sound, when you switch the machine on.

A normal wash cycle consists of the following phases, wash-rinses-spin and is confirmed by the illumination of the corresponding LED's

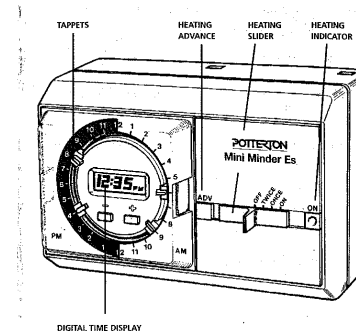


### Setting the correct time –

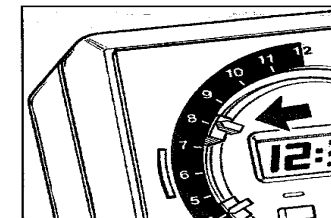
The current time of day is shown on the digital time display.

To change the time, press the + or – buttons until the correct time is displayed. Each press of the button will adjust the time by 1 minute. Holding the button down will adjust the time quickly.

### Setting the on and off times-



The red tappets set the on times  
The blue tappets set the off times



- These tappets set the time periods for the central heating at 15 minute intervals.
- To set a tappet, slide it gently in either direction to the required time on the outer dial face.
- The system will switch on at the first red tappet after midnight, off at the next blue tappet and on and off again at the second red and blue tappets.

### Operating your mini minder Es-

The heater slider has 4 positions and is used to set how the heating is controlled.

*Off – heating will remain off*

*Twice – heating will be switched on and off at the times set by the tappets*

*Once – heating will be switched on at the first red tappet after midnight and off at the last blue tappet.*

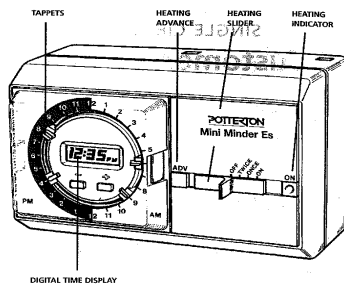
*On – heating will remain on permanently.*

The heating indicator lights up when the heating is on.

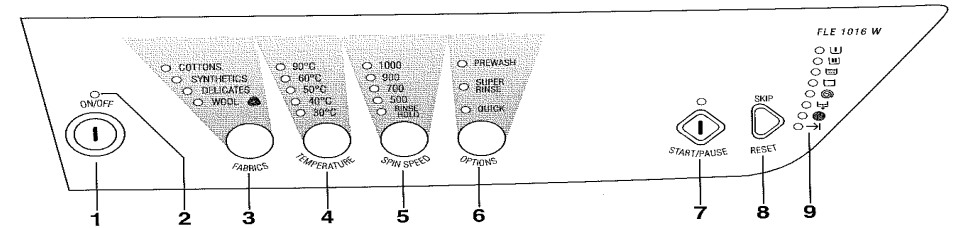
**When the Mini Minder Es is in a timed mode i.e. twice or once, it is possible to advance the next time period as follows:**

The advance buttons (ADV) allow you to go forward to the next on or off time. Simply press the ADV button and your central heating will come on if it was off, or go off if it was on. The operator returns to normal when the next on or off time is reached.

Other controls in your system (such as thermostats) may switch your boiler on and off. So although the heating indicator may be on, the boiler itself could be off.



### The control panel –



1. On/off button: Press this button to switch the washing machine on. Press the ON/OFF button again to switch the machine off.
2. Mains light on: The light is connected to the ON/OFF button. It lights up when you press the button, and goes out when you press it again.
3. Fabrics Button: Press this button repeatedly to select the programme on the basis of the type of laundry to be washed. The light relevant to the selected programme will light up. The washing machine will propose a temperature and automatically select the maximum spin value provided for the programme you have chosen. You can change these values by operating buttons 4 and 5.
4. Temperature button: Press this button repeatedly to increase or decrease the temperature, if you want your laundry to be washed at a temperature different from the one proposed by the washing machine. The relevant light will light up. Maximum temperatures are 90 degrees C for cotton, 60degrees C for synthetic fabrics, 40 degrees C for delicate fabrics and wool.
5. Spin speed button: Press this button repeatedly to change the spin speed, if you want your laundry to be spun at a speed different from the one proposed by the washing machine. The relevant light will light up.
6. Options button: Press this button to select the following options:

*Prewash – select this option if you wish your laundry to be prewashed before the main wash (not available for wool)*

*Super rinse – this option can be selected with all programmes except the wool programme. The machine performs 4 rinses instead of 3. This option is recommended for people who are allergic to detergents.*

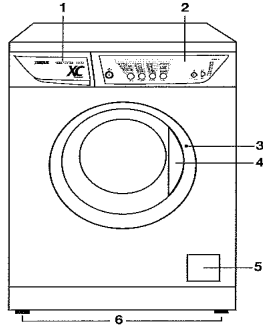
*Quick wash – For laundry that is only slightly soiled (again, not for wool).*

7. Start/pause button: This button has three functions

## WASHING MACHINES

**Zanussi:**

### Description of the appliance –






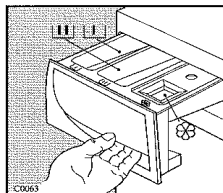
1. Detergent dispenser drawer
2. Control panel
3. Door locked light
4. Door opening handle
5. Filter
6. Adjustable feet

### Door locked light –

It stays on during the whole programme indicating that the door is locked. When the light goes out, the door can be opened.

### Detergent dispenser drawer –

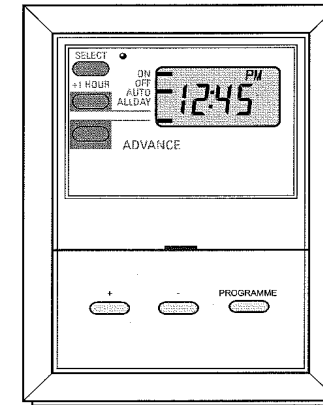
-  Prewash
-  Main wash
-  Fabric softener



## Danfloss 103E5

Your 103E5 time switch controls your hot water and heating together, turning them on and off at the same times.

The 103E5 can provide 3 ON periods and 3 OFF periods each day and can offer either 24 hour control (same programme for each day of the week) or 5/2 day control (one set of programmes for weekdays and a different set for weekends)



### Before you start

Open the flap on the front of the unit

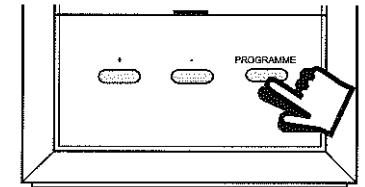
Press all four buttons (Select/advance/ + / - ) at the same time. This will reset the unit, reinstate the preset programmes and set the time to 12.00pm on Monday

### Setting the clock

Press programme once

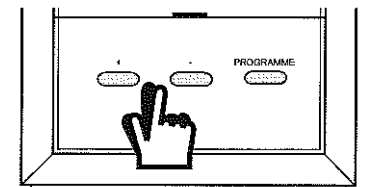
Use + and—buttons to set the correct time

When the programme is correct press programme again



In 24 hour mode this will take you straight to programming mode, where you can select your own On and Off times.

In 5/2 day mode this will allow you to programme the correct day. To do this:



Use the + or—buttons to select the correct day  
Press programme again to enter run mode

## Factory Presets

The unit is supplied with the following preset programme which will be active after the unit has been reset.

	Mon-Fri or All days in 24hr mode	Sat-Sun* (5/2day mode only*)
1st ON	6.30am	7.30am
1st OFF	8.30am	10.00am
2nd ON	12.00pm	12.00pm
2nd OFF	12.00pm	12.00pm
3rd ON	5.00pm	5.00pm
3rd OFF	10.30pm	10.30pm

NB: 2nd ON and 2nd Off are set to the same time. These two times are ignored by the programme and therefore the heating will just come on once in the morning and once in the evening. If you want the heating to come on in the middle of the day set the 2nd on and 2nd off to the times you require.

## Accepting the preset times

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

To accept the presets press the programme button until the colon in the display begins to flash.

Your unit is now in Run more

## Programming event times in 24 hour mode

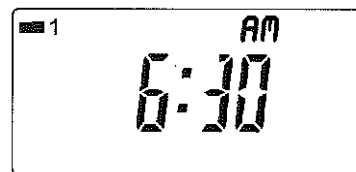
You can programme your timeswitch to come on and go off up to 3 times a day, to suit your requirements.

Press programme until 1 shows along the top of display

Use the + and - buttons to set the time you want your system to first come on in the morning

Press programme again to move to the next step

Use the + and - buttons to set the time you want your system to first go off



the

Press the On/off button to switch the appliance on. On initial start up full power is reached after approximately 1-2 seconds

To rewind the power cable, press the rewind button with foot, and guide the cable with hand to ensure that it does not whip causing damage

Rotate suction control knob clockwise to increase suction and anticlockwise to reduce suction

## Maintenance

### Removing the contents of the dustbin

Always operate the cleaner with the dustbin installed. The dustbin must be emptied when visibly full.

Remove the dustbin by pushing the button at the end of the carrying handle

Remove the dustbin filter from the dustbin

Remove the dust from the dustbin

Insert the dustbin filter back into the filter

Insert the dustbin back into the cleaner by pushing it until it clicks

If suction appears to be reduced when cleaning, please check filters as this is an indication that they require cleaning. Filters should be changed at least twice a year.

### Cleaning the dustbin filter

Remove the dustbin by pushing the button at the end of the carrying handle

If filter is lightly soiled, remove the dirt by tapping the filter into a bin, if heavily soiled, tap the filter and then rinse under tap water

Let the filter dry. Avoid direct sunlight and extreme drying circumstances e.g. hair dryer

Insert the dustbin filter back into the dustbin

Insert the dustbin filter back into the cleaner by pushing until it clicks

Dustbin filter reference number ANC 407 136 316/4

### Cleaning the motor filter

Remove the dustbin by pushing the button at the end of the carrying handle

If filter is lightly soiled, remove the dirt by tapping the filter into a bin, tap the filter and then rinse under tap water

Let the filter dry. Avoid direct sunlight and extreme drying circumstances e.g. hair dryer

Put the filter back into its place

Close the filter cover

Recommended filters

Menaluz Motor Filter D24

Menaluz Exhaust filter D09

## Description of Parts

1. Suction inlet
2. Suction power regulator
3. On/off switch
4. Cable rewind button
5. Wheel
6. Dustin
7. Carrying handle
8. Dustbin open button
9. Hose
10. Telescopic tube
11. Metal extension tubes
12. Plastic tubes
13. Dual purpose floor nozzle
14. Crevice nozzle
15. Upholstery nozzle
16. Dustbin filter
17. Vertical parking
18. Horizontal parking

## Important Safeguards

Do not switch the appliance on if it appears faulty in any way  
Always remove the plug from the power socket when the appliance is not in use and before carrying out any cleaning or maintenance operations  
Never leave the appliance unattended when it is switched on  
Do not pull the appliance by the cord.  
Do not unplug by pulling on the cord  
Do not use the cleaner with a damaged cable  
Do not use the appliance on wet surfaces or to vacuum liquids, mud, ash and burning cigarette buds.  
Do not vacuum any highly flammable or explosive substances or gasses.  
Do not vacuum fine dust from plaster, concrete, flour or ash  
Do not unplug the vacuum cleaner with wet hands  
Do not operate the vacuum cleaner too close to heaters and radiators, stoves etc  
Before you start using the vacuum cleaner, please remove large or sharp objects from the floor to prevent damage to the dust bin and hose

## Instructions for Use

Before placing into operation make certain that the filters and the dustbin are in the proper position  
Unwind a sufficient length of cable and insert the plug into the power socket. A YELLO mark on the power cable shows the ideal cable length. Do not extend the cable beyond the RED mark.

Continue using the programme and +/- buttons in this way to set the on/off times for events 3-6 (2nd on/off and 3rd on/off)

NB it is not possible to programme times out of sequence

If you do not press and button at all for 3 or 4 minutes the unit will automatically return to run mode.

## Programming event times in 5/2 day mode

You can programme your timeswitch to come on and go off up to 3 times each day, to suit your requirements, with one set of programmes for weekdays and a different set of programmes for the weekend.

Weekdays (MOTUWETHFR)

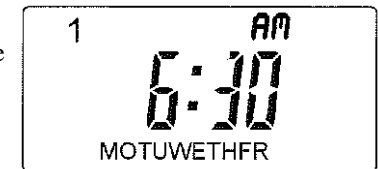
Press programme unit 1 shows along the top of the display and MONTUWETHFR shows along the bottom

Use the + and - buttons to set the time you want your system to first come on in the morning

Press programme again to move to event 2

Use the + and - buttons to set the time you want your system to first go off

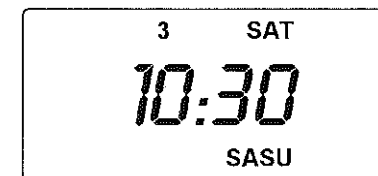
Continue using the programme and +/- buttons in this way to set the on/off times for events 3-6 for weekdays.



Weekend (SASU)

Press programme again until 1 (event 1) shows along the top of the display and SASU shows along the bottom of the display.

If at any time you wish to return to the Factory preset programme, press Select/advance/+/- buttons together at the same time to reset the unit

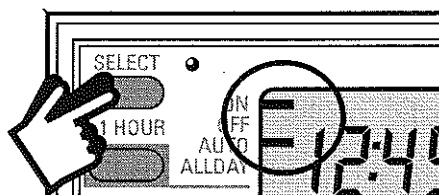


NB it is not possible to programme times out of sequence

## Running your programme

The 103E5 controls your heating and hot water together, turning them on and off at the same times.

To run the central heating and hot water programme press the select button.



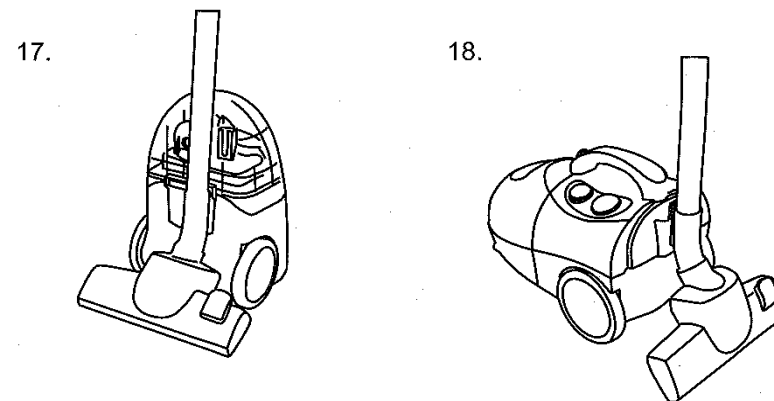
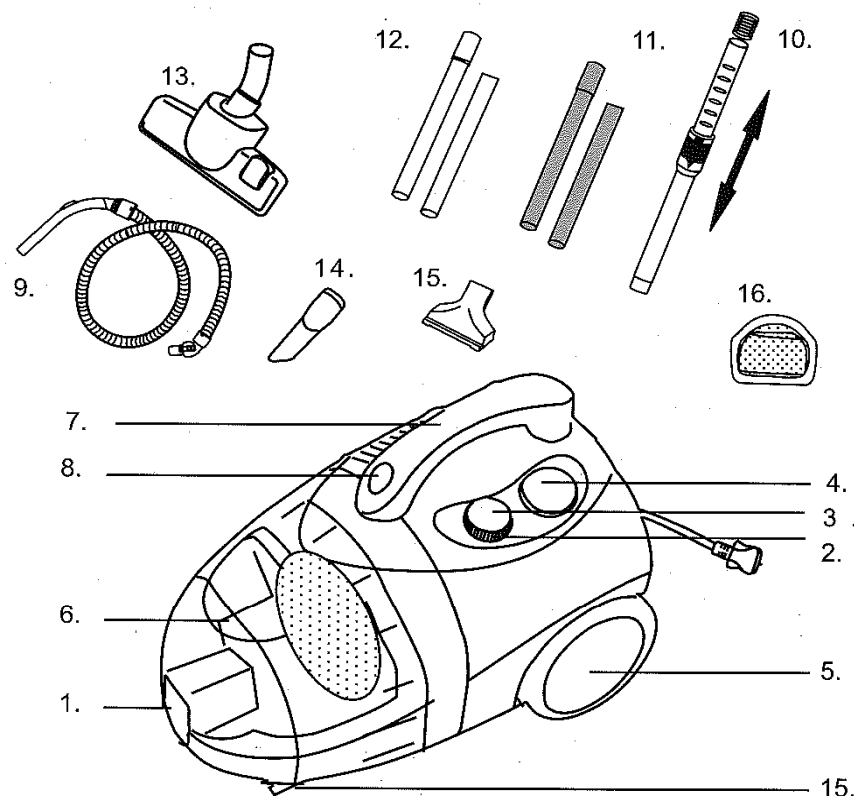
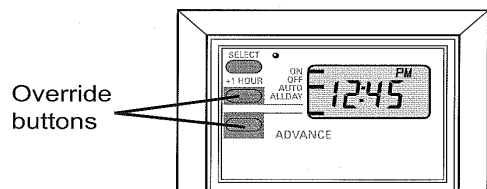
As you press select a bar on the display will move between on, off, allday and auto

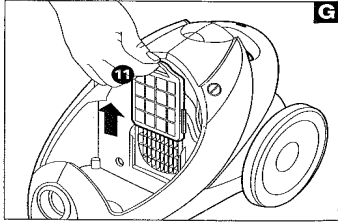
- **ON** = the hot water/heating will remain on constantly
- **OFF** = the hot water/heating will not come on
- **AUTO** = the hot water/heating will come on and go off according to the programmed times
- **ALLDAY** = the unit will come on at the first programmed ON and will remain on until the last programmed OFF

Select the option you require, depending on your circumstances, time of year etc.

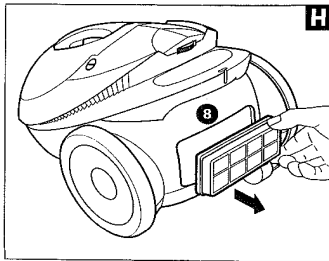
### Temporary User Overrides

Sometimes you may need to change the way you use your timeswitch temporarily, i.e. due to unusually cold weather. The 103E5 has two overrides which can be selected without affecting the set programme.





The exhaust filter is located at the back of the cleaner. To remove, press down the catch and pull the cover away to remove the holder.

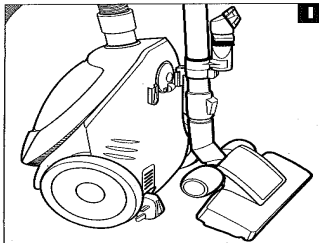


Remove the filter from the holder and shake to clean. The filter can be washed in warm water but do not use detergent. Allow to dry naturally and ensure it is totally dry before replacing it.

**IMPORTANT:** Do not operate without the micro filters fitted.

#### Storage Position –

When finished, you can store accessories by locating the tube storage club into the slot on the underside of the cleaner.



- 1 hour

Press + 1 hour once if you need an extra hour of operation.

If the system is off it will come on for an hour. If it is already on it will add an extra hour so the system stays on for an extra hour.

To cancel the override press +1hour again.

- Advance (only during auto mode)

Press the advance button once to advance to the next programme event.

If the system is on it will go off. If it is off it will come on. The set programme will resume at the next programmed On/Off time.

To cancel the override press advance again.

#### Battery Backup

In the event of a power cut, the built-in lithium battery will keep your time and programme settings for up to 15 days.

After 15 days without mains power the unit will switch off and two dots will show in the display. However, all you programmed on/off times will be remembered.

When the mains power is restored, the unit will need to be reactivated by pressing the programme button, and the time and day will need to be set.

## VACUUM CLEANERS

### *Orb Vacuum cleaner:*

If your cleaner isn't picking up as well as it should please check:

**Filter** It is important to clean it every time you empty the dust container; otherwise the performance of the cleaner will be impaired.

**Blockages** Check the nozzle, tubes and hose for blockages.

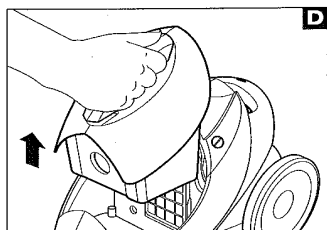
### **Controls –**

- The on/off control is operated by the foot pedal.
- A rotating dial varies the suction power as required. For example, maximum suction can be used for cleaning carpets, hard floors etc and reduced suction for cleaning upholstery and curtains. Suction can also be controlled using the airflow control on the handle. Closed for maximum suction, open for reduced suction.

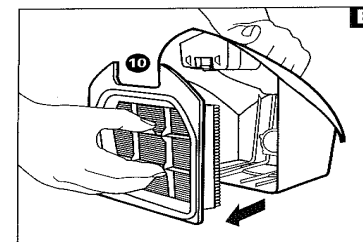
### **Dust Disposal –**

To obtain the best results from your cleaner empty the dust container regularly, otherwise the airflow and cleaning power will be reduced.

1. With the hose removed, lift out the dust container using the handle



2. Holding the dust container over a dustbin, pull out the filter to empty out the dust.



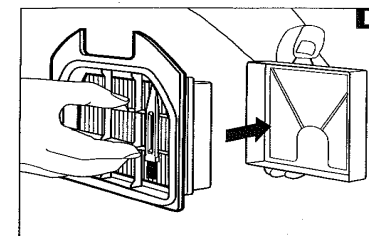
3. Replace the filter and replace the dust container.

**IMPORTANT:** Do not operate your cleaner without the dust container fitted.

### **Cleaning the filter –**

Every time the dust container is emptied, the filter should be cleaned. Lift the tap at the bottom of the filter to remove the cover. Use the brush attached at the rear of the filter folds. Refit the front cover and re-install the filter into the cleaner.

The filter should also be washed regularly in warm water, but do not use detergent. Allow to dry naturally and ensure it is totally dry before replacing it.



### **Cleaning the motor protection filter-**

The micro-filters must be cleaned every time the dust container is emptied to remove the fine dust particles collected. This can be done by shaking them.

The motor protection filter is the dust container compartment. With the dust container removed, lift out the filter holder and remove the filter and shake to clean.