Operating manual

W355H

438 9203-01
03.49

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The manufacturer reserves the right to make changes in design and materials specifications.

Safety

This machine can only be used with water. Never use dry cleaning agents.

Do not allow children to operate the machine.

Do not hose down or spray the machine with water.

All mechanical and electrical installation must be carried out by qualified personnel.

Do not bypass the door locking device.

Should the machine malfunction, please report the fault to the technician responsible for the machine.

1A01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option buttons (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

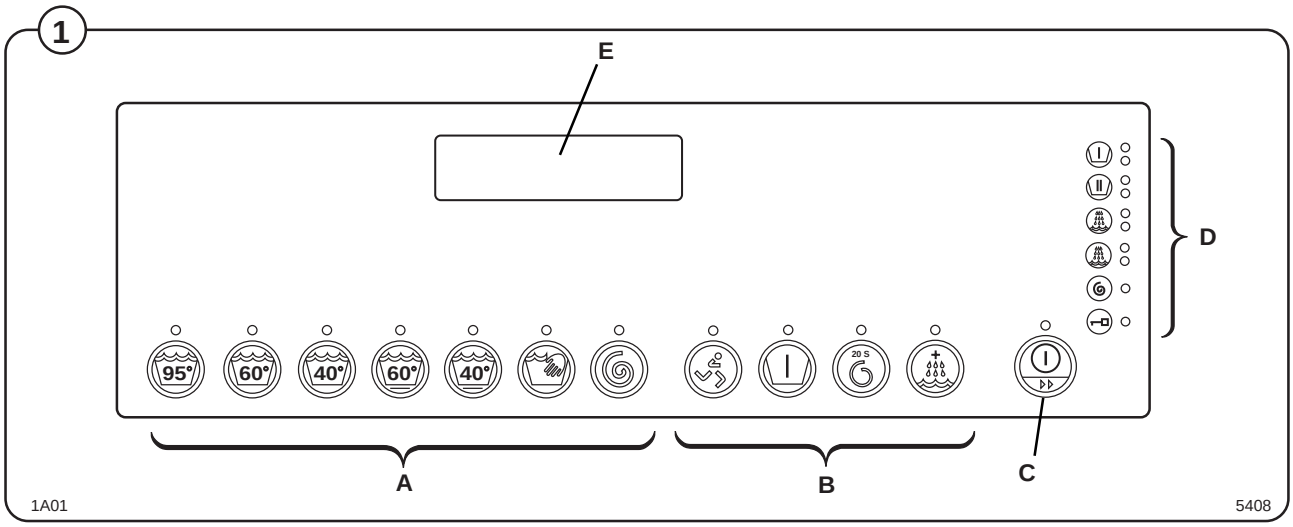
A Program selection buttons

B Option buttons

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)



Washing

Fig. 2
- Press the button for the program required.

Fig. 3
- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Press the button(s) for any options required.

Fig. 4
- The option button Express gives a temperature decrease of 5°C and four minutes wash.

Fig. 5
- This option button can be used for "heavy soiled" goods and gives a pre wash and higher water level in the rinses. This option can be used together with Normal and Permanent Press programs.

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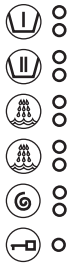

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Fig. 6

- This option button ensures gentle extraction in all programs. This means that there is no extraction between steps, and only 20 seconds' extraction at the end.

Fig. 7

- This option gives an extra rinse.
- If options are selected the LEDs by the program symbols will alter to reflect these.
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

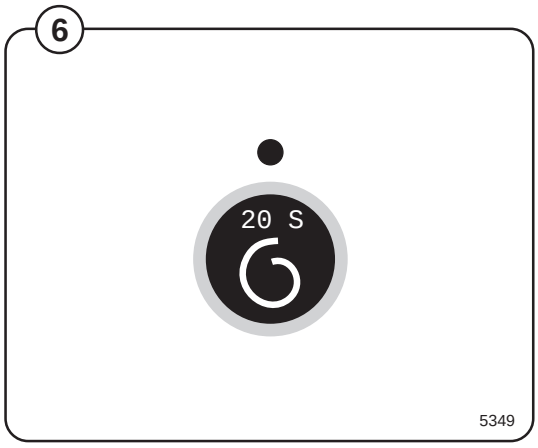
  Compartment 1 – Pre wash

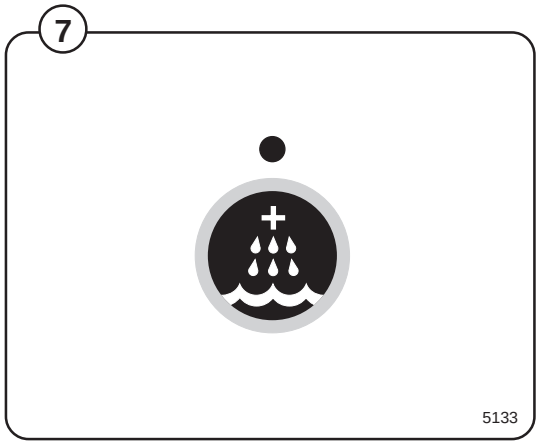
  Compartment 2 – Main wash

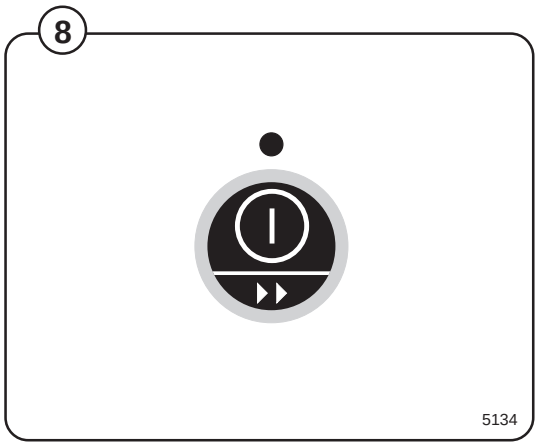
  Compartment 3 – Softener

Fig. 8

- Press the **START** button.







1G01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option buttons (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

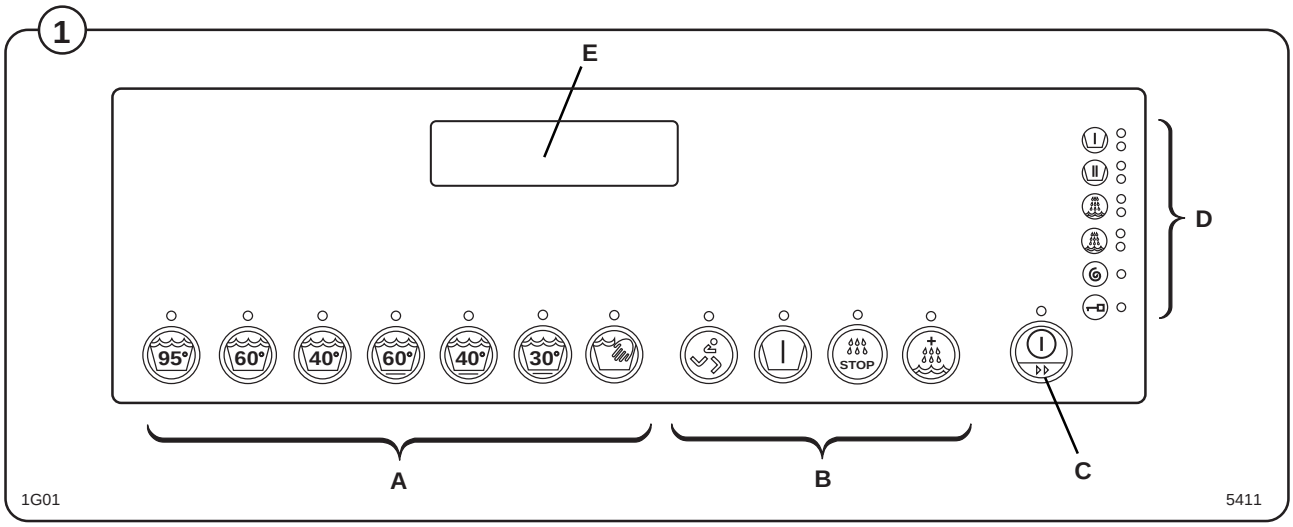
A Program selection buttons

B Option buttons

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)



Washing

Fig. 2

- Press the button for the program required.

Fig. 3

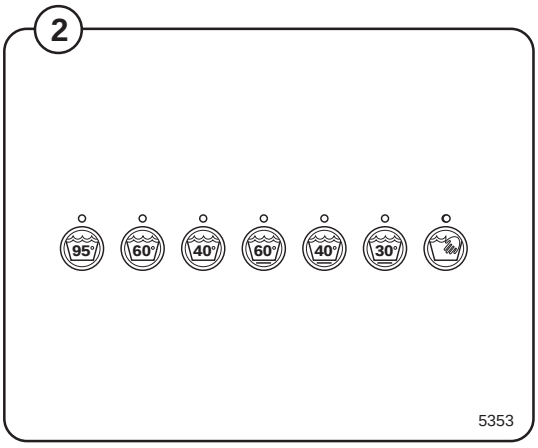
- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Press the button(s) for any options required.

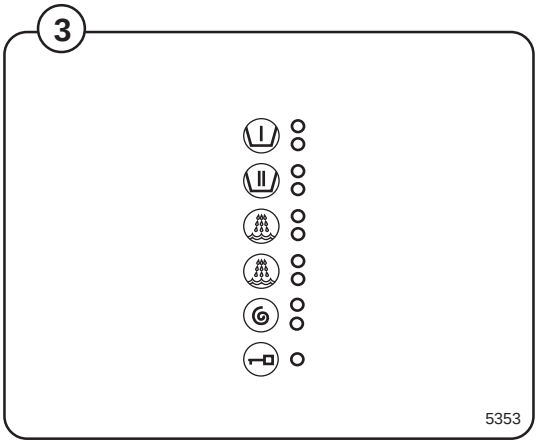
Fig. 4

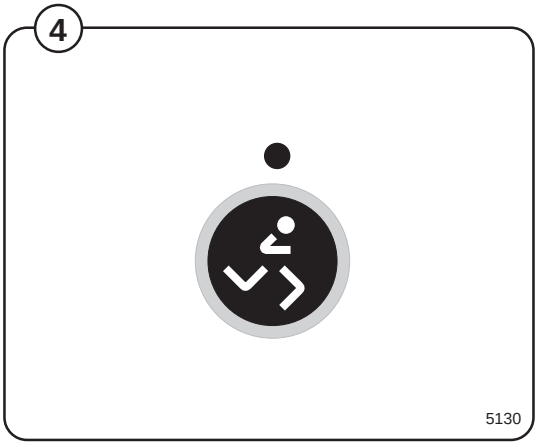
- The option button Express gives a temperature decrease of 5°C and four minutes wash.

Fig. 5

- This option button can be used for "heavy soiled" goods and gives a pre wash and higher water level in the rinses. This option can be used together with Normal and Permanent Press programs.







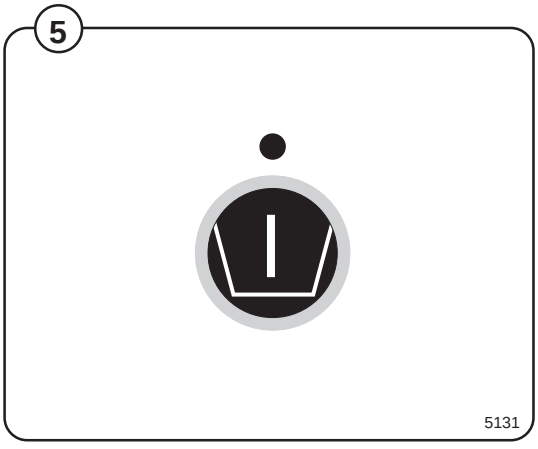


Fig. 6
- With this option the program stops during the last rinse. When pressing the **START**-button the machine is filling water and then extraction.

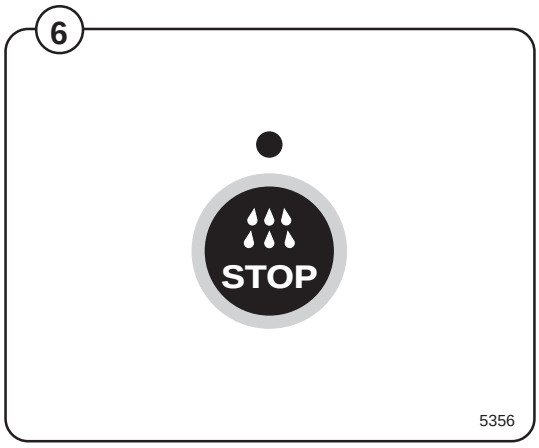
Fig. 7
- This option gives an extra rinse in all programs.
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

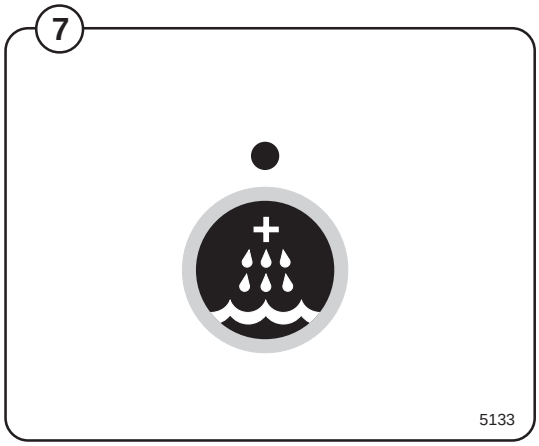
  Compartment 1 – Pre wash

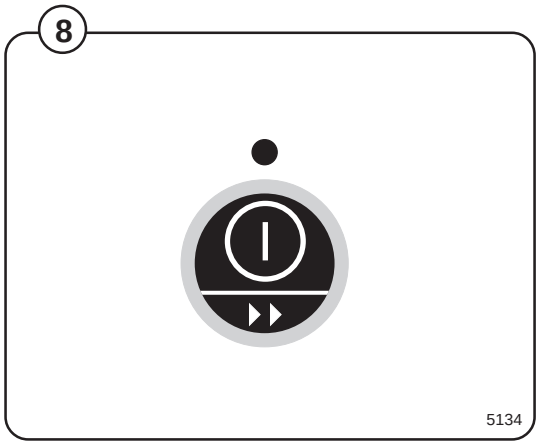
  Compartment 2 – Main wash

  Compartment 3 – Softener

Fig. 8
- Press the **START** button.







1H11

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option buttons (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

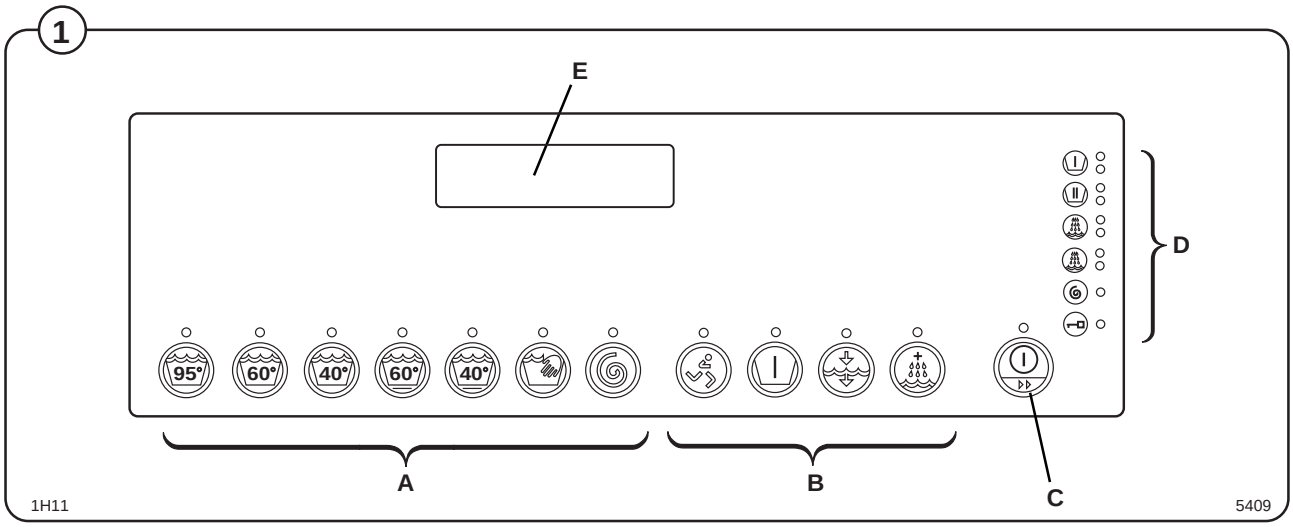
A Program selection buttons

B Option buttons

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)



Washing

Fig. 2

- Press the button for the program required.

Fig. 3

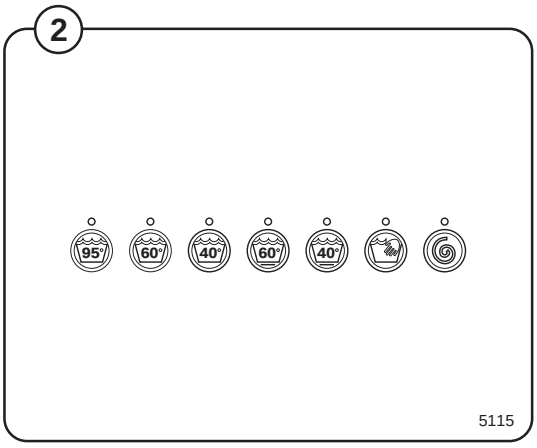
- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Press the button(s) for any options required.

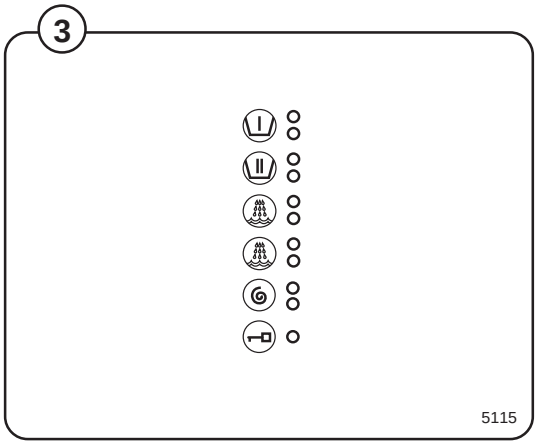
Fig. 4

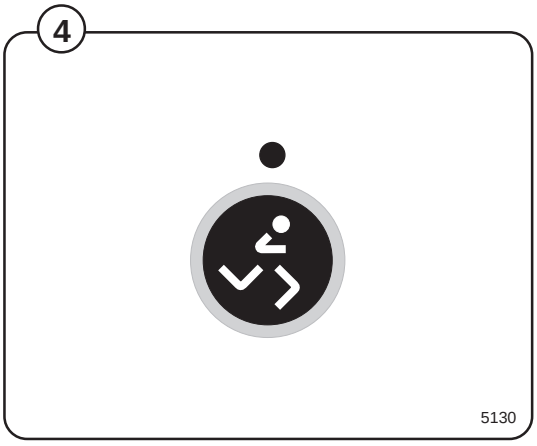
- The option button Express gives a temperature decrease of 5°C and four minutes wash.

Fig. 5

- This option button can be used for "heavy soiled" goods and gives a pre wash and higher water level in the rinses. This option can be used together with Normal and Permanent Press programs.







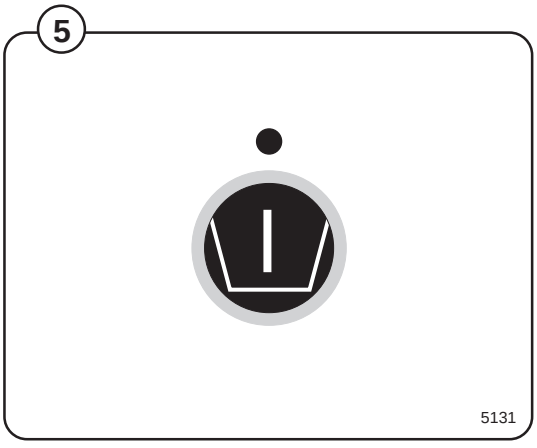


Fig. 6
- This option button gives two pre rinses in all programs.

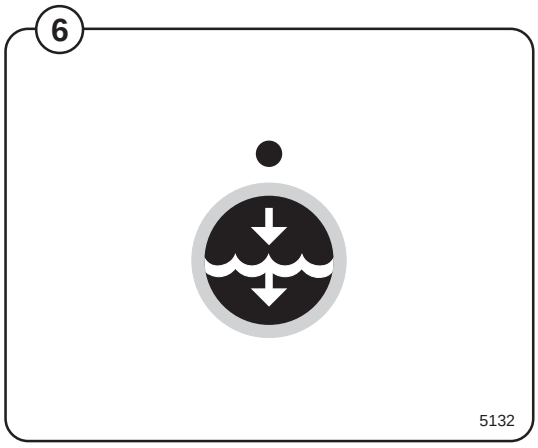
Fig. 7
- This option gives an extra rinse.
- If options are selected the LEDs by the program symbols will alter to reflect these.
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

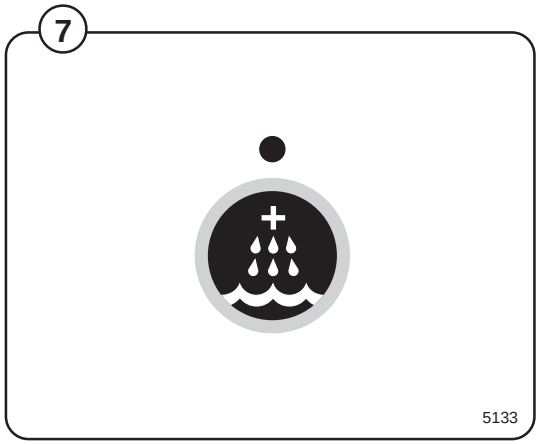
  Compartment 1 – Pre wash

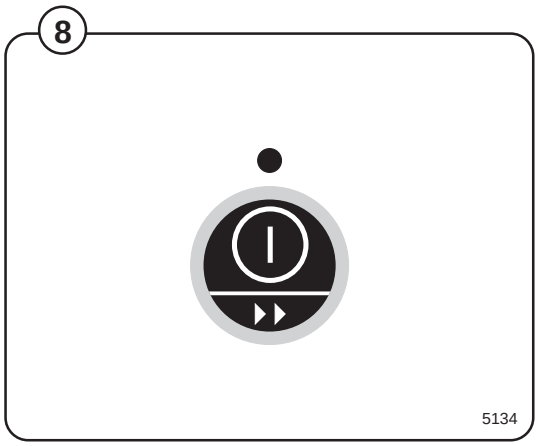
  Compartment 2 – Main wash

  Compartment 3 – Softener

Fig. 8
- Press the **START** button.







1L01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of 5 built-in standard programs.

Fig. 1 The control panel consists of program selection buttons (A), a combined start, pause and rapid advance button (B), symbols with LEDs (C) which show the program selected and the program sequence, plus an alphanumeric display (D).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

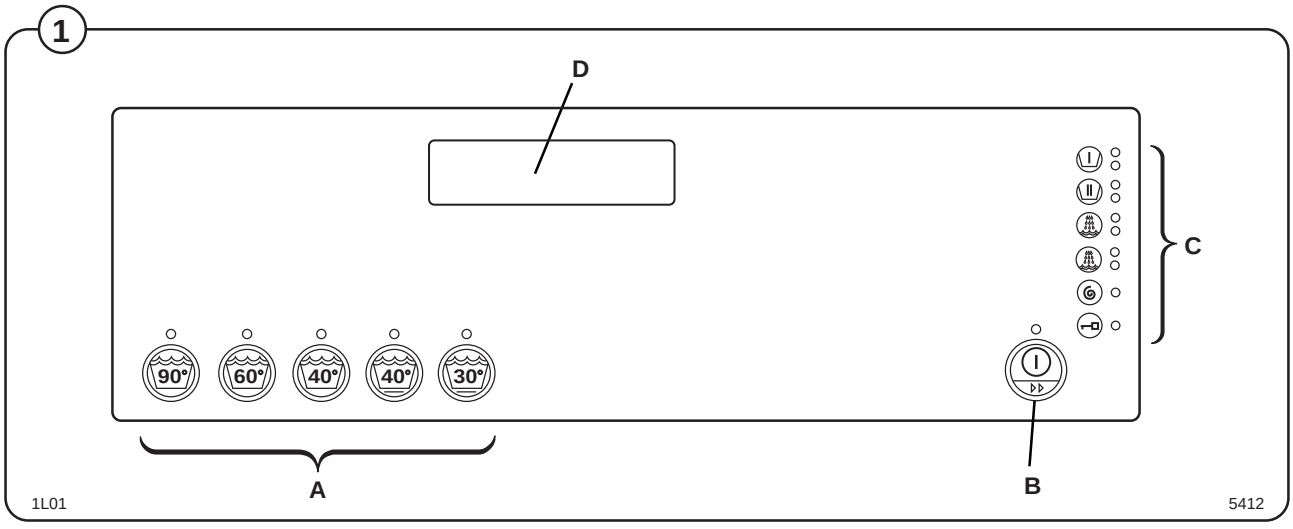
Explanation of control panel

A Program selection buttons

B Start/pause and rapid advance button

C Symbols with LEDs to indicate program selected and programsequence

D Display (for useful information)



Washing

Fig. 2

- Press the button for the program required.

Fig. 3

- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

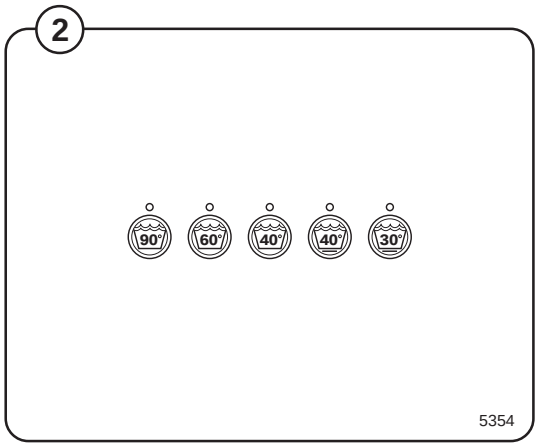
  Compartment 1 – Pre wash

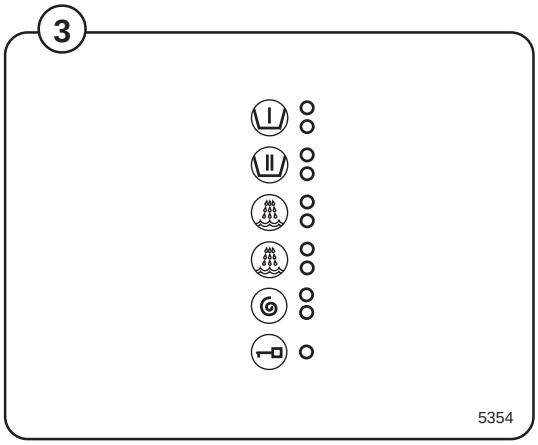
  Compartment 2 – Main wash

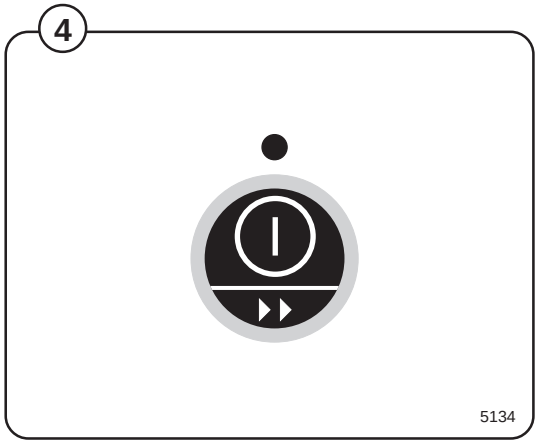
  Compartment 3 – Softener

Fig. 4

- Press the **START** button.







1M01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of 4 built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option button (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

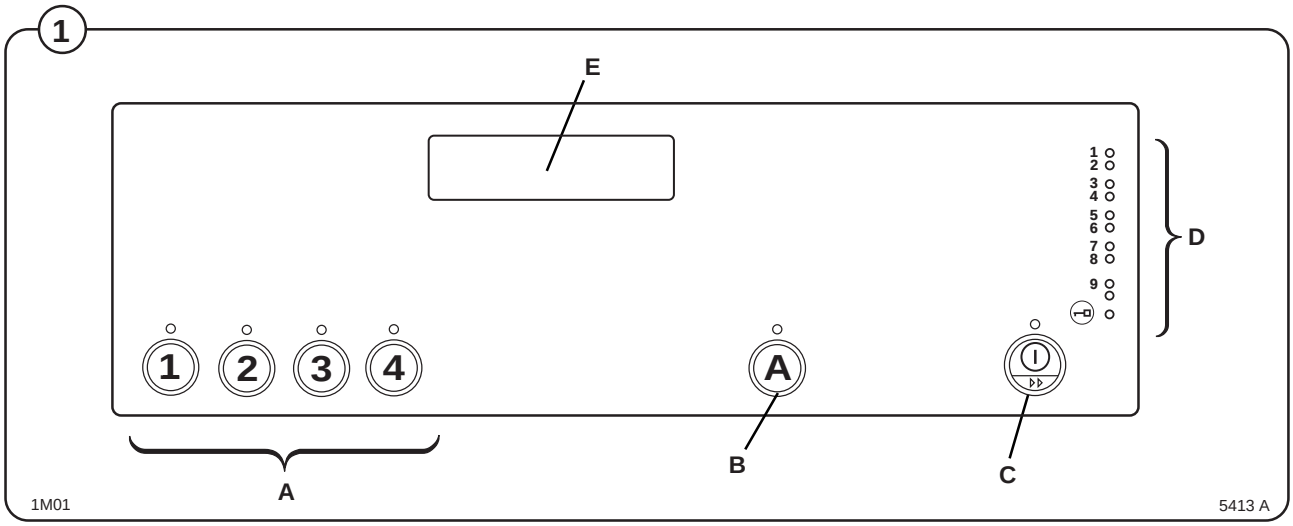
A Program selection buttons

B Option button

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)

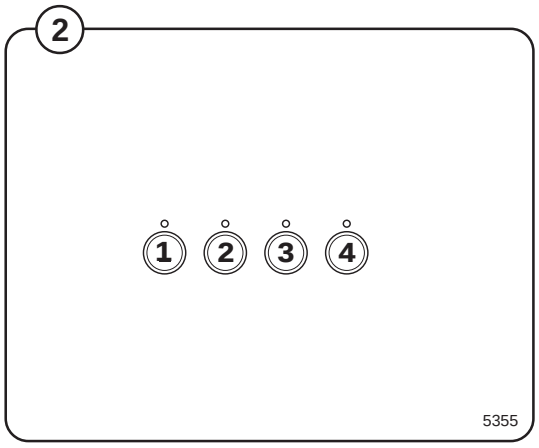


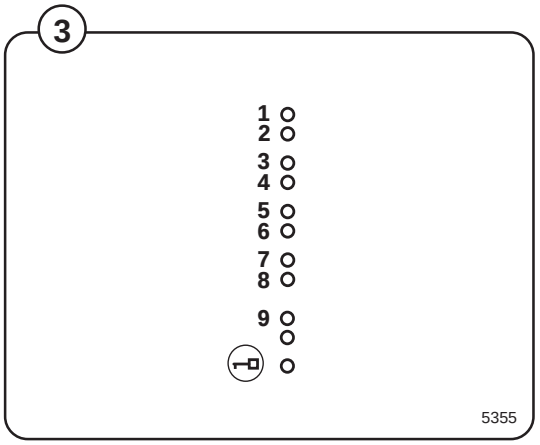
Washing

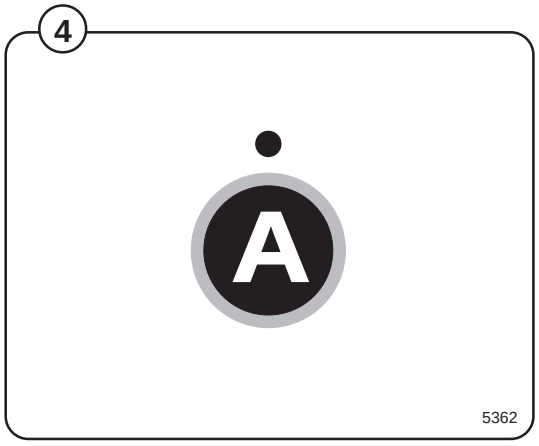
Fig. 2
- Press the button for the program required.

Fig. 3
- Now the LEDs alongside the program symbols will show what the selected program consists of.

Fig. 4
- Option button A gives pre wash in all programs.







- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

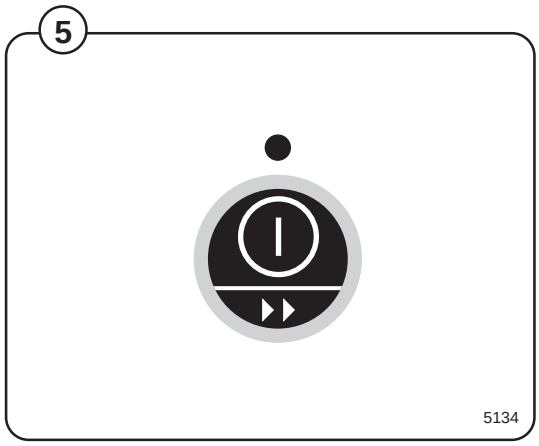
  Compartment 1 – Pre wash

  Compartment 2 – Main wash

  Compartment 3 – Softener

Fig. 5

- Press the **START** button.



1H01, 1W01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option buttons (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

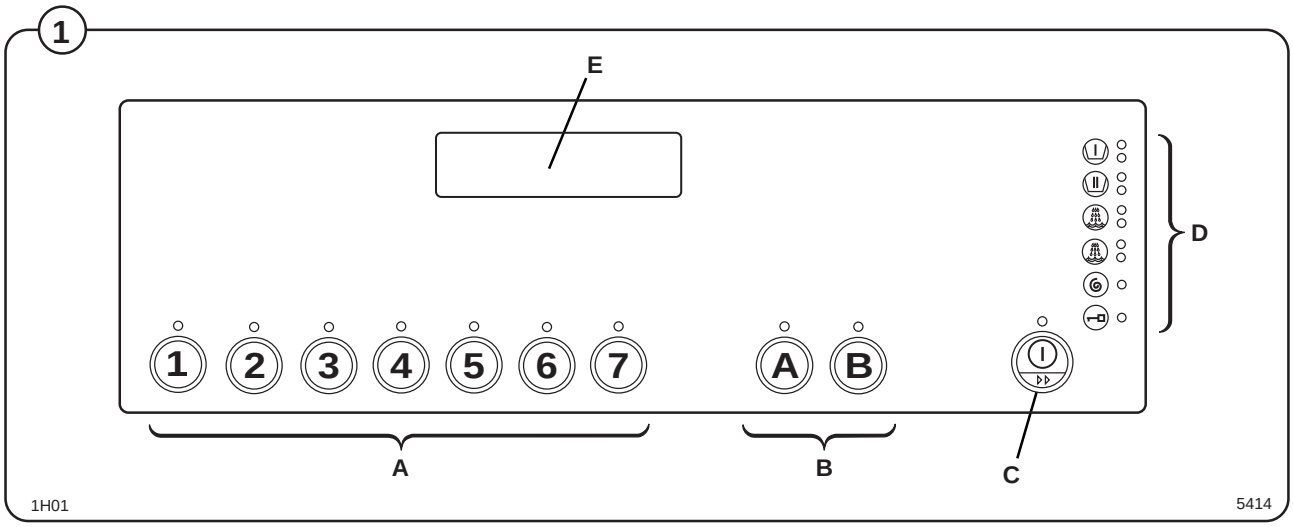
A Program selection buttons

B Option buttons

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)



Washing

Fig. 2
- Press the button for the program required.

Fig. 3
- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Press the button(s) for any options required.

Fig. 4
- This option gives pre wash in program 1-4.

Fig. 5
- This option gives a pre rinse in program 1-4 and two pre rinses in program 5-7.

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5357

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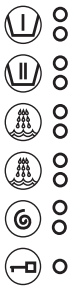

5357

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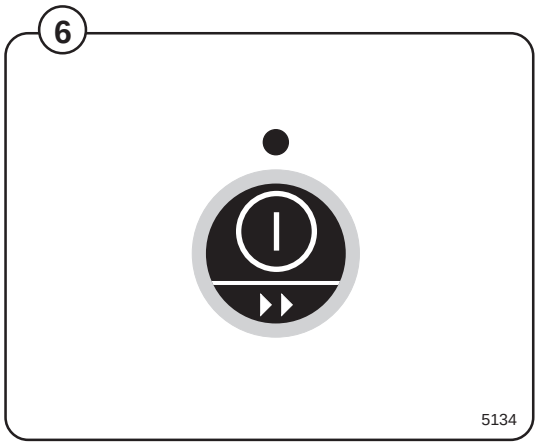
- If options are selected the LEDs by the program symbols will alter to reflect these.
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

  Compartment 1 – Pre wash

  Compartment 2 – Main wash

  Compartment 3 – Softener
- Press the **START** button.

Fig. 6



1H02

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), option buttons (B), a combined start, pause and rapid advance button (C), symbols with LEDs (D) which show the program selected and the program sequence, plus an alphanumeric display (E).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

Explanation of control panel

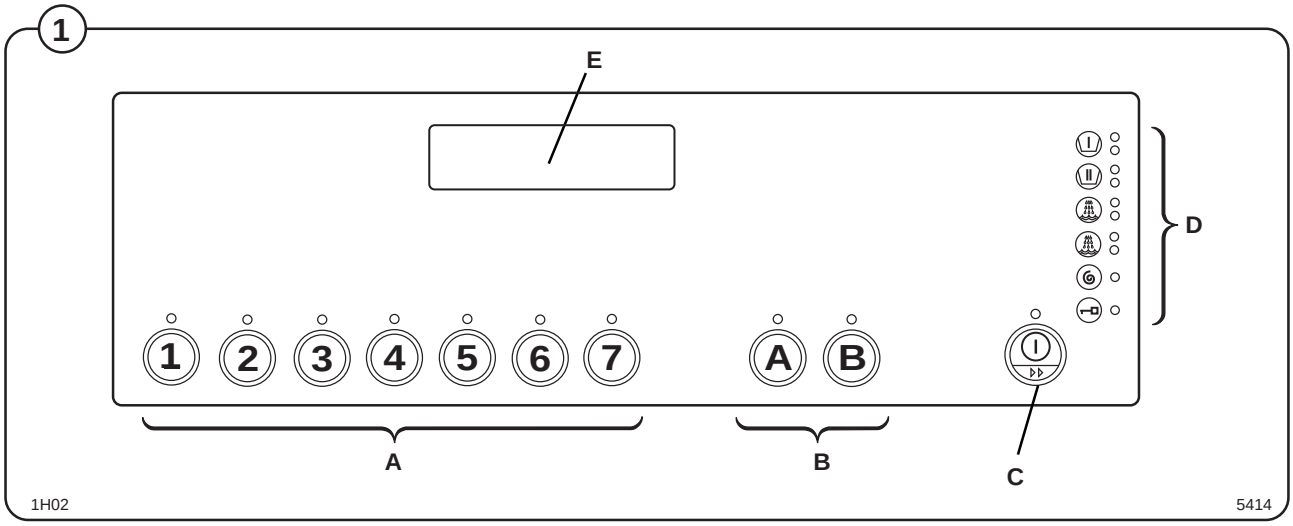
A Program selection buttons

B Option buttons

C Start/pause and rapid advance button

D Symbols with LEDs to indicate program selected and programsequence

E Display (for useful information)

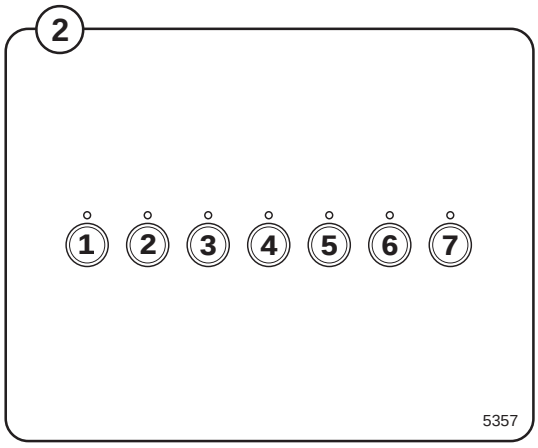


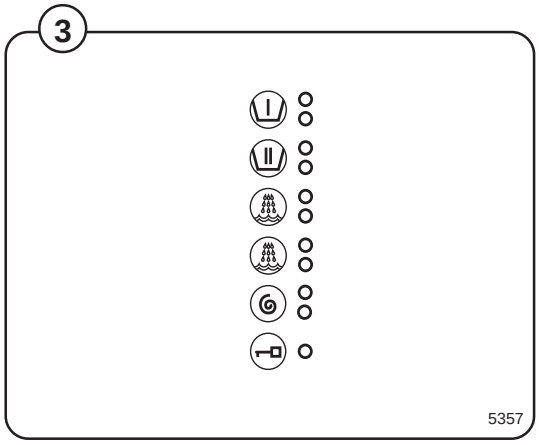
Washing

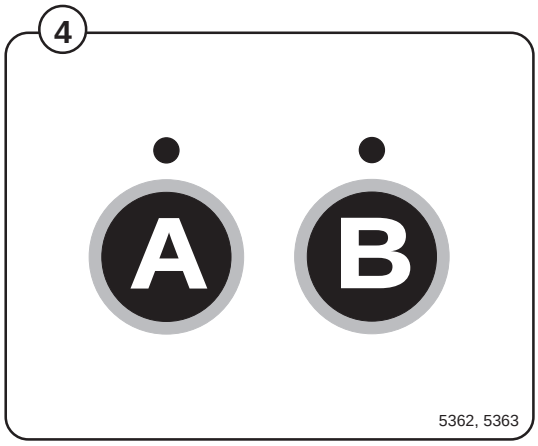
Fig. 2
- Press the button for the program required.

Fig. 3
- Now the LEDs alongside the program symbols will show what the selected program consists of.
- Press the button(s) for any options required.

Fig. 4
- Regarding function, see instruction sign on the machine.
- If options are selected the LEDs by the program symbols will alter to reflect these.







- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

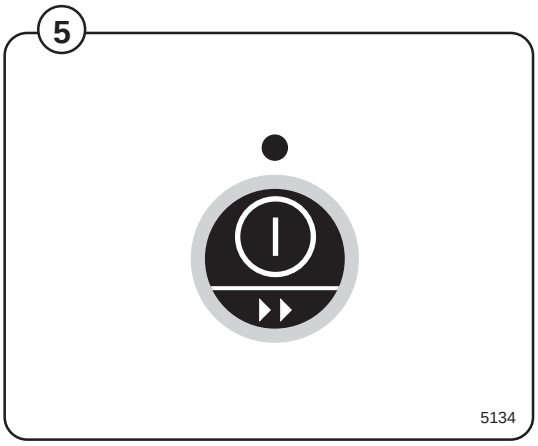
  Compartment 1 – Pre wash

  Compartment 2 – Main wash

  Compartment 3 – Softener

Fig. 5

- Press the **START** button.



1C01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), a combined start, pause and rapid advance button (B), symbols with LEDs (C) which show the program selected and the program sequence, plus an alphanumeric display (D).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

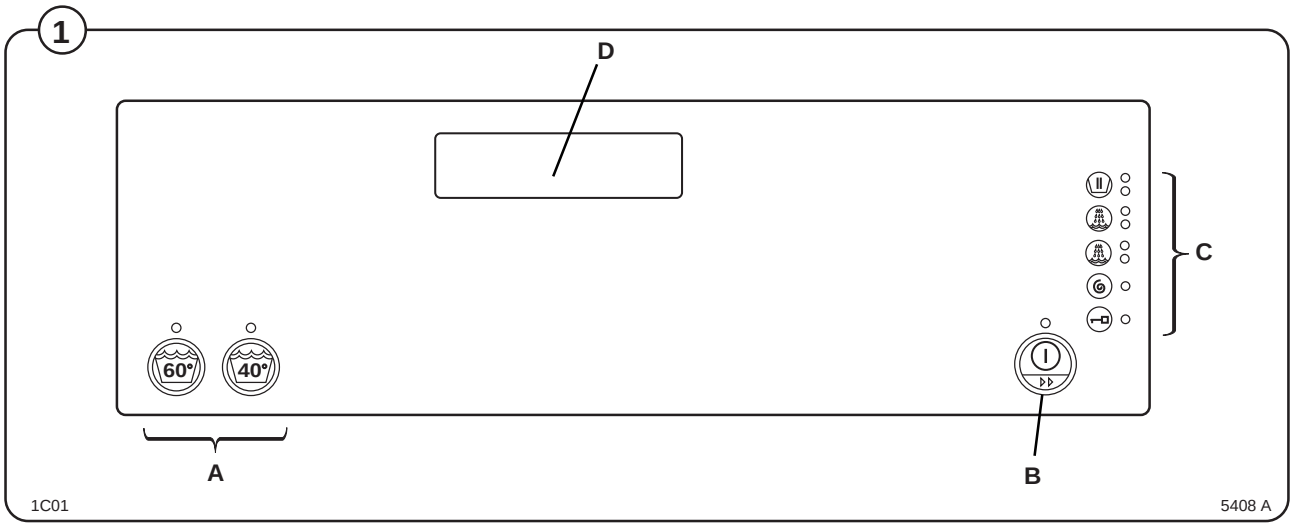
Explanation of control panel

A Program selection buttons

B Start/pause and rapid advance button

C Symbols with LEDs to indicate program selected and programsequence

D Display (for useful information)



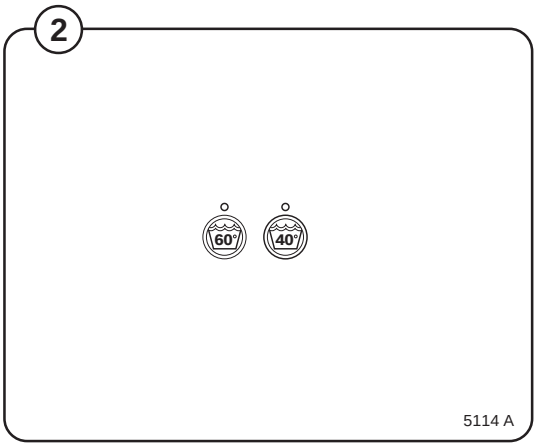
Washing

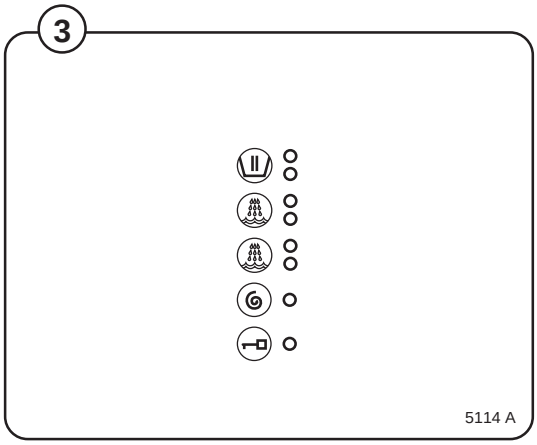
Fig. 2

- Press the button for the program required.

Fig. 3

- Now the LEDs alongside the program symbols will show what the selected program consists of.





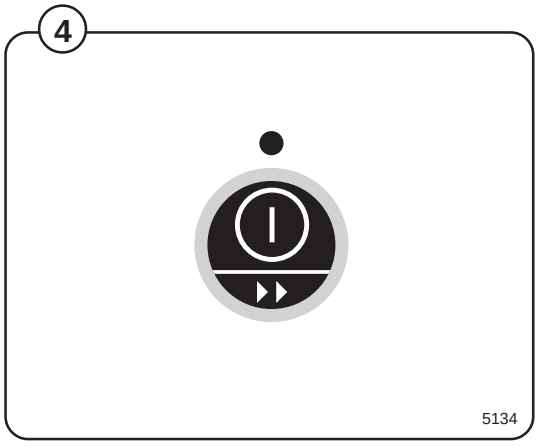
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

  Compartment 2 – Main wash

  Compartment 3 – Softener

- Press the **START** button.

Fig. 4



1R01

Depending on your program, compare below panel with the panel on the machine

The electronic program unit controls the various functions of the machine in a certain time sequence with the aid of seven built-in standard programs. The standard programs can also be modified by selecting various options. By selecting options, the user has access to programs for all types of wash loads and degrees of soiling.

Fig. 1 The control panel consists of program selection buttons (A), a combined start, pause and rapid advance button (B), symbols with LEDs (C) which show the program selected and the program sequence, plus an alphanumeric display (D).

The alphanumeric display shows illuminated green characters.

In the event of faults, error codes will be displayed on this window. See Fault codes.

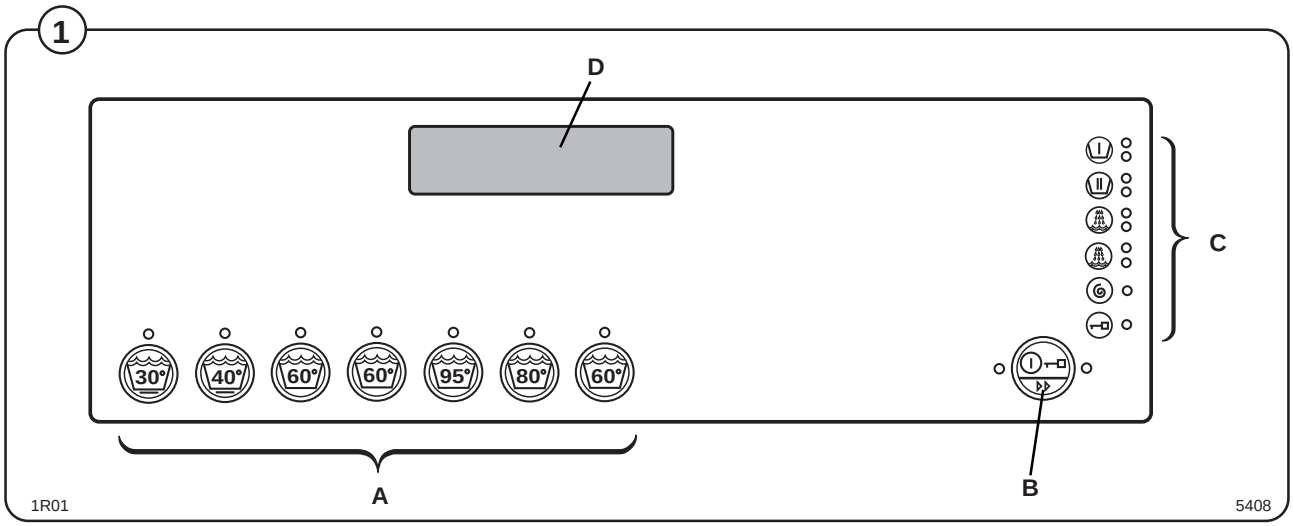
Explanation of control panel

A Program selection buttons

B Start/pause and rapid advance button

C Symbols with LEDs to indicate program selected and programsequence

D Display (for useful information)



Washing

Fig. 2

- Press the button for the program required.

Fig. 3

- Now the LEDs alongside the program symbols will show what the selected program consists of.

Fig. 4

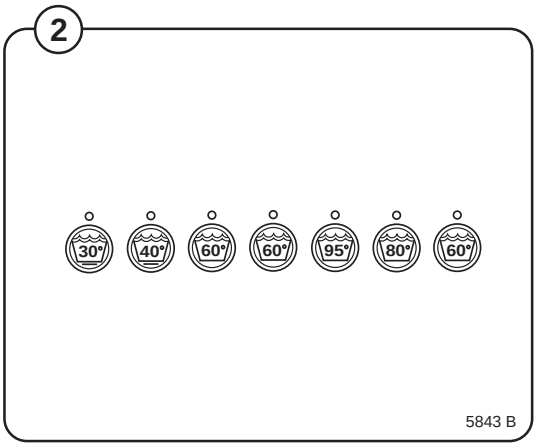
- Add the correct amount of detergent and fabric conditioner as recommended by their manufacturers.

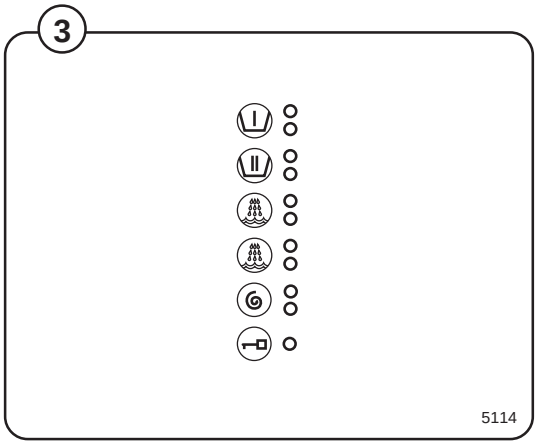
  Compartment 1 – Pre wash

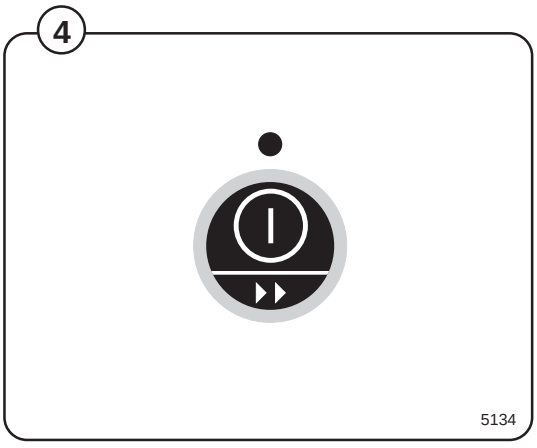
  Compartment 2 – Main wash

  Compartment 3 – Softener

- Press the **START** button.







Machine without coin-meter

Fig. 1

- Now the display will show the clock symbol and two digits. The two digits are the time left before the wash will be finished.

> **The two digits indicating time left will not appear when the machine is first installed. Each program needs to have been used at least once before the time left will be displayed.**

- For a time immediately after START is pressed the colon character (:) will flash on the display. As long as this character is still flashing a new program can be selected (without losing anything). This means you still have the chance to change the setting if the wrong program has been selected. Do as follows:
- Press **PAUSE/START**.
- Select a new program.
- Press **START** again after making any change in the program selected.

Fig. 2

- If you wish to find out the temperature of the water while the program is in progress, press and hold any one of the program selection buttons. (Option on some markets.)

Fig. 3

- The temperature will now appear on the display.

Fig. 4

If for any reason you wish to halt the wash cycle for a time, press the **START** button for a moment or two. The program will be suspended and the drain will remain closed.

To restart the program, press the **START** button again briefly.

1

3141

2

5125, 5118

3

2252

4

5134

For coin-operated machines

Fig. 1 Insert coins or token(s) corresponding to the figure shown on the display.

As each coin/token is added the machine counts backwards towards 00 on the display. The machine will not start until the display shows 00.

Fig. 2
- Press the START button.
- Now the display will show the clock symbol and two digits. The two digits are the time left before the wash will be finished.

> **The two digits indicating time left will not appear when the machine is first installed. Each program needs to have been used at least once before the time left will be displayed.**

- For a time immediately after START is pressed the colon character (:) will flash on the display. As long as this character is still flashing a new program can be selected (without losing anything). This means you still have the chance to change the setting if the wrong program has been selected.
- Press **PAUSE/START**.
- Select a new program.
- If the new program costs more to run than the amount already paid, the difference will be shown on the display. Insert enough coins to make the display show 00 again.
- Press **START** again after making any change in the program selected.

Fig. 3
- If you wish to find out the temperature of the water while the program is in progress, press and hold any one of the program selection buttons. (Option on some markets.)

Fig. 4
- The temperature will now appear on the display.

1

2253

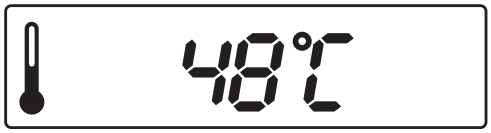
2

5134

3

3141

4



2252

Rapid advance

Whole steps in programs can be skipped using rapid advance.

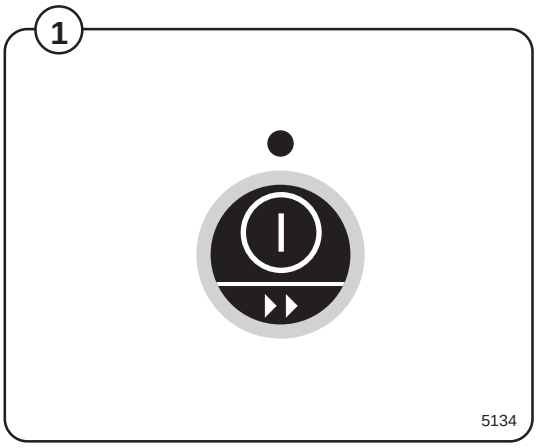
Fig. 1

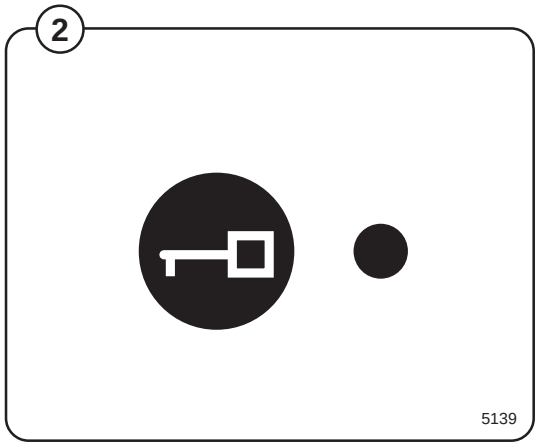
- Press and hold the **START** button until the program indicator LEDs have moved past the program steps you wish to skip.

Program end

Fig. 2

The door can be opened when the led beside the key symbol lightens up.

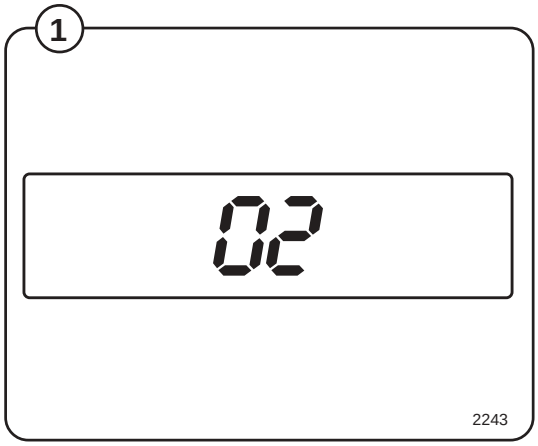




Fault codes

If the power supply to the machine should be cut while it is working, the programmer has a memory which stores the program selected for 8 to 10 minutes.

Fig. 1



The machine will restart automatically once the power supply is restored.

Faults/errors in the program or machine are indicated by a numerical error code on the control panel display.

In the case of error codes 01, 02 and 03, an attempt to restart the machine may be made as soon as the fault has been remedied.

For the other error codes, a service technician must be called.

Error code	Cause/Action
01E	Acknowledgement signal for water level not received within time allowed.
02E	Door status acknowledgement signal not received during program operation.
03E	Door lock acknowledgement signal not received within time allowed.
04E	Temperature sensing device indicates temperature below -5 ℃ (continuity fault).
05E	Temperature sensing indicates temperature above 98 ℃ (short-circuit).
06E	Water level signal above parameter set, on program start-up.
07E	Water level signal above parameter set for safety, during program.
08E	Increase in water temperature is below parameter set.
10E	Water level signal is above parameter set (10 scale units) after water discharge.
12E	The program control unit cannot read the program EPROM.
13E	The program control unit receives no response from the motor control unit.
14E	Water level system not calibrated.

Fault codes

Error code	Cause/Action
17E	Door status acknowledgement signal not received, although door lock acknowledgement signal has been received.
18E	Only with CALCAD 4400. Start not allowed because full payment has not been made for that program, or the booking time is too short to allow completion of the wash program selected.
19E	Communications between the CALCAD 4400 and the program control unit board interrupted.
20E	Motor control unit has not received signal for lock acknowledgement, during program.
21E	Microprocessor error (Configuration register).
31E	Motor control overheated.
32E	The motor controller indicates the thermal protector of the motor has triggered . (Only W355H).
33E	The motor controller receives a start command from the programme unit without receiving an interlock ACK ("**Door locked**" signal). (Only W355H).
35E	Motor control unit indicating short-circuit between motor winding outputs.
36E	Motor control unit indicating fault/error in receiving circuitry for lock acknowledgement signal.
37E	Motor control unit indicating DC voltage level too low.
38E	Motor control unit indicating DC voltage level too high.
45E	Pulses from speed sensor missing. (Only W355H).

Electrolux

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