Operating manual

Washer extractors

W465H, W475H/M/S, W485M/S, W4105H/M/S, W4130H/M/S, W4180H/M/S, W4240H, W4250M/S, W4300H, W4330M/S, W4280X, W4350X

Type W3..., EXSM.X.

Clarus Control

Thinking of you

Electrolux

Operating manual in original language

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

Safety Precautions

The machine is only intended for water-wash use.

Do not allow minors to use the machine.

Do not hose down the machine with water.

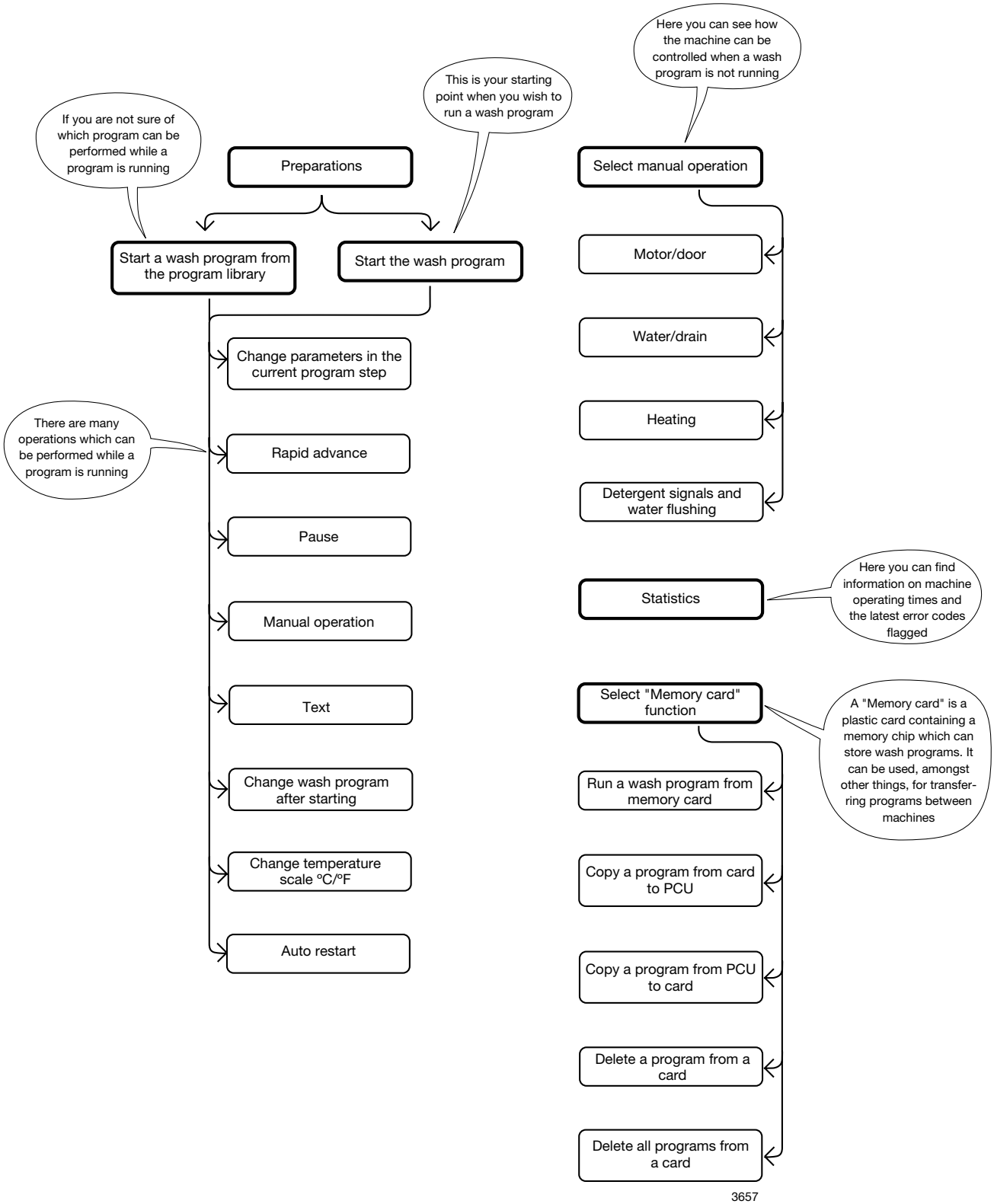
The machine's door lock must under no circumstances be bypassed.

If the machine develops a fault, this must be reported to the person in charge as soon as possible. This is important both for your safety and that of others.

The machine is not intended to be used by people (including minors) with reduced physical or mental capacity or lack of experience and knowledge. Such people must be instructed in the use of the machine by a person who has responsibility for their safety. Minors must be supervised to ensure that they do not play with the machine.

All external equipment which is connected to the machine must be CE/EMC-approved and connected using an approved shielded cable.

In order to prevent damage to the electronics (and other parts) that may occur as the result of condensation, the machine should be placed in room temperature for 24 hours before being used for the first time.


Here you can see how the machine can be controlled when a wash program is not running
This is your starting point when you wish to run a wash program
If you are not sure of which program can be performed while a program is running
Preparations
Select manual operation
Start a wash program from the program library
Start the wash program
Motor/door
Water/drain
Change parameters in the current program step
Heating
There are many operations which can be performed while a program is running
Rapid advance
Detergent signals and water flushing
Pause
Statistics
Here you can find information on machine operating times and the latest error codes flagged
Manual operation
Select "Memory card" function
A "Memory card" is a plastic card containing a memory chip which can store wash programs. It can be used, amongst other things, for transfer-ring programs between machines
Text
Change wash program after starting
Run a wash program from memory card
Copy a program from card to PCU
Change temperature scale ºC/ºF
Copy a program from PCU to card
Auto restart
Delete a program from a card
Delete all programs from a card
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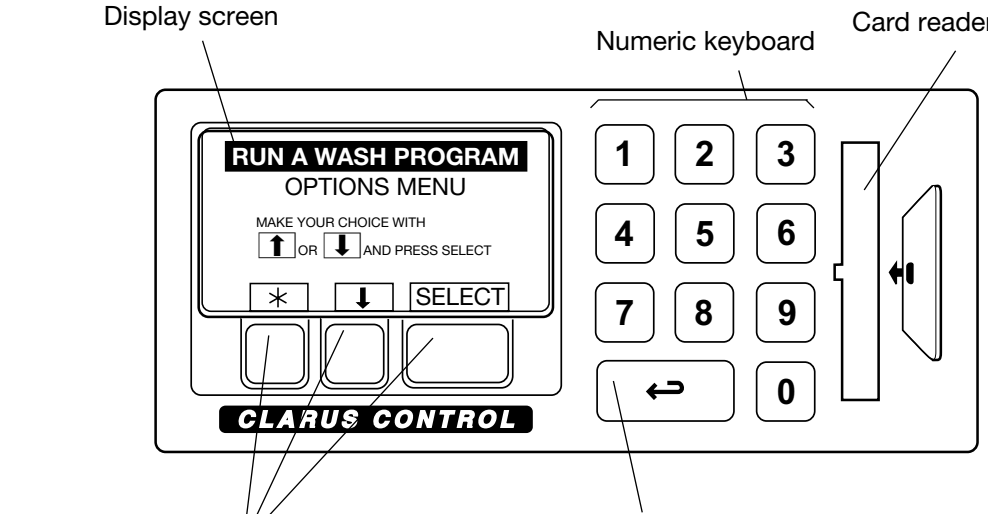
Procedure for use

(1) This machine is controlled by a microprocessor-based program control unit. There are many advantages to this equipment, including:

- timing, levels and temperatures are controlled with great precision and flexibility
- detailed information on wash programs, machine status and operations, wash times and temperatures can be accessed in plain language on the large display screen
- it is possible for the user to create new wash programs, and to adapt programs precisely on the basis of experience and to suit various types of textile, degrees of soiling etc.
- a very high level of machine safety through continuous monitoring and built-in safety interlocks
- the program control unit has a reader for ”memory cards”. These are cards the size of a credit card which contain a memory chip.
  Memory cards allow the user to:
  - transfer wash programs between a PC and the machine, or from one machine to another
  - run programs straight from a memory card
- great flexibility during program operation:
  - rapid advance both forwards and backwards in the program
  - change temperatures, program module lengths and extraction speeds directly, during program operation
  - start a different program at any time during program operation.

(1)



The functions of these keys change, depending on which menu or part of a menu you are using. Their current functions at any time are shown on the display immediately above each key.

The ”Move back” key
By pressing this key repeatedly you can move backwards through the menus you have navigated through. This will always bring you back to the menu illustrated here.

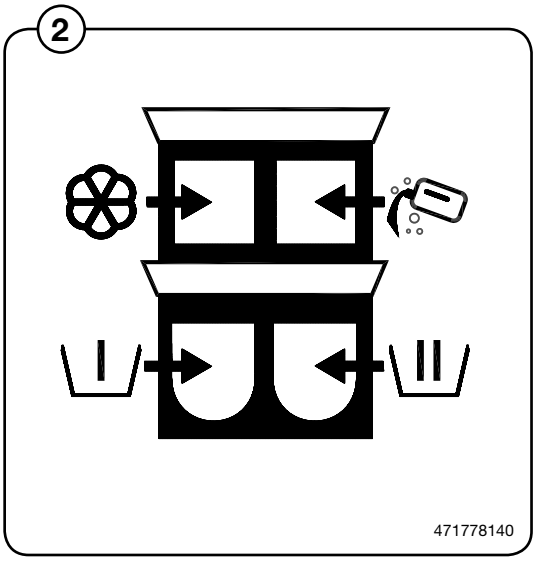
4221, 3651

Preparations

- Sort the load, paying attention to the textile care labels on the items. Empty all pockets and do up zip fasteners.
- Open the machine door, check that the drum is empty, load the items into the machine and close the door.

Detergent supply

(2) If the machine is not connected to an automatic liquid chemical injection system, use the 4-compartment detergent supply on the top of the machine to add the correct amount of detergent and fabric softener as recommended by their manufacturers.

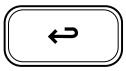


I Prewash, powder or liquid detergent, if option "Prewash" has been selected.

II Main wash. Two compartments, one for powder detergent and one for liquid.

Fabric softener, liquid

The ”Move back” key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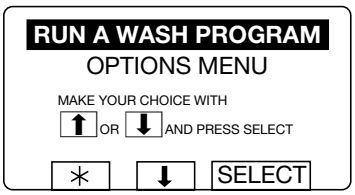
If you find you are in the wrong place, or if you want to undo earlier key presses:

Press the ”Move back” key one or more times.

The ”Move back” function

Each press of the ”Move back” key moves you back one menu, in reverse order. By pressing this key repeatedly you can return to this menu at any time:



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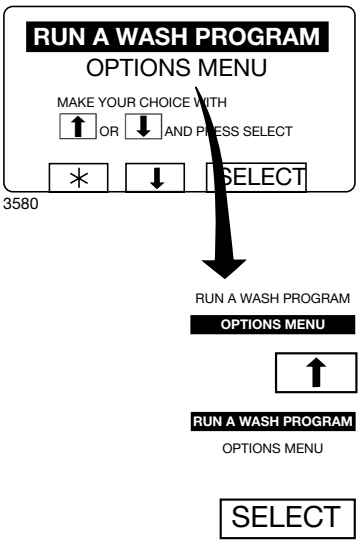
To start the wash program



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If this menu is not currently displayed:

Press ↩ **repeatedly.**

If ”OPTIONS MENU” is highlighted:

Press ↑.

When ”RUN A WASH PROGRAM” is highlighted:

Press SELECT.

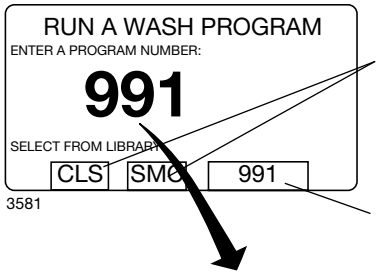
Two ways of starting a program

By entering the actual program number

Enter the actual program number if you know it, then press **SELECT**.

By starting from the program library (see section ”To start a wash program from the program library)

If you are unsure about the programs available, you can select a program from the program library, where the programs are listed with their descriptions.



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Here you can select programs from the program libraries. See the section entitled ”To start a wash program from the program library”.

Displayed here will be the number of the most frequently used program.

Press this key if you want to select this program.

for example:**991**

Use the numeric keys to enter the program number

SELECT

Press SELECT.

If you have entered the wrong number

Enter the correct number to overstrike the earlier one.

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If you have a memory card in the program control unit, and the program you selected is both on the memory card and in the PCU, you will be asked ”FROM CLS OR SMC?”.

CLS

Press CLS if you want to take the program from the PCU.

SMC

Press SMC if you want to take the program from the memory card.

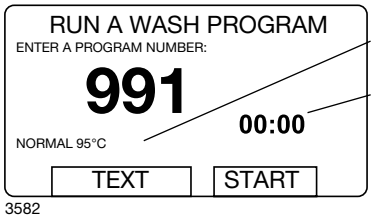
In some of the text shown on the display, Clarus Control is referred to as CLS and the memory card is referred to as SMC.

Memory cards

A memory card is a plastic card, the size of a credit card, with an electronic memory chip inside it. This card is capable of storing 10 to 15 wash programs of normal size. If the programs are mostly small ones, more of them can be stored, whereas larger programs will reduce the number which can be held by the card. Memory cards of this type can be used to:

- transfer wash programs from one machine to another
- run wash programs straight from the card
- transfer wash programs from a PC to a memory card and from a memory card to a PC (these procedures, and how to write a wash program on a PC, are described elsewhere).

Memory cards are described in detail in the section ”Memory card”.



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Program name

Delayed start time (hrs:mins)

If you want to see the description of the program:

TEXT **Press TEXT.**

Pressing "Text" displays more information

The text displayed is a description of the wash program selected. This text description is inserted when a new wash program is created. This procedure is described fully in the programming manual.

Choose 1 or 2:

1 To start the program now:

① START **Press START.**

2 Delayed start

② 1 2 3 4 5 6 7 8 9 0

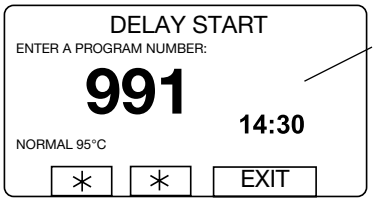
Use the numeric keys to enter a time (max. 99 hrs). This parameter appears on the right of the display.

START **Press START.**

Delayed start

Delayed start means that the machine will not start the wash program until the time entered has elapsed.

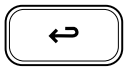
This function allows you, for example, to load the machine in the evening, but delay the start of the wash until early the next morning, to end in time for the next shift.



Time left before the machine is to start

If you want to cancel the delayed start:

EXIT **Press EXIT**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During a wash program:

Press ⮌ to make the machine pause during the wash program.

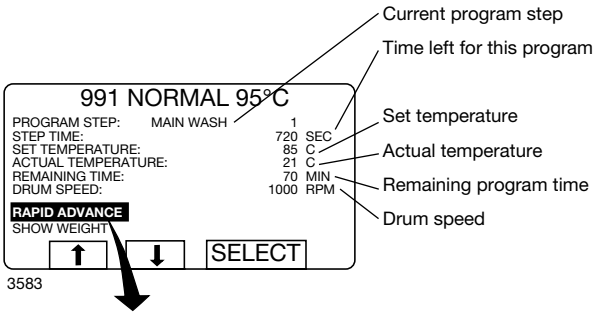
Two ways of pausing during a wash program

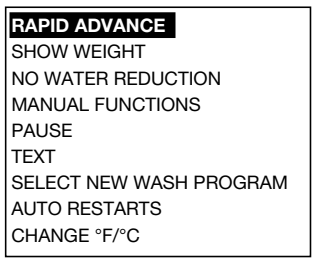
There are two ways of pausing during a wash program:

1. By pressing ⮌.
2. As an additional function. This is described in **section "Pause"**.

Procedure for use

The following information is displayed during the wash program:





If required:

Select a function using the cursor keys.

SELECT **Press SELECT.**

To terminate a program before it has finished

- Select RAPID ADVANCE and press SELECT. Advance to ”END OF PROGRAM” and press SELECT.
- Wait until ”THE DOOR IS OPEN” appears on the display.
- Now the door can be opened.

To change parameters in the current program step

See section ”To change parameters in the current program step”.

Certain program step parameters can be altered during the course of the program. In the example (left), the length of the program step and the heating temperature can be altered.

Additional functions during the program

Rapid advance (see section ”Rapid advance”)
Rapid advance through the program to the program step required. Rapid advance can be used to move both forwards and backwards through the program.

Show weight (see section ”Show weight”)
The actual load weight is shown in large digits on the display (weight display mode). (On machines with weighing equipment only.)

No water reduction (see section ”No water reduction”)
Machines with weighing equipment installed adjust the water level automatically according to the load weight. This function lets you switch off water level reduction during the current program.

Manual functions (see section ”Manual functions”)
The following functions can be controlled manually during the course of the program:
- all water valves, drain and pumps (where applicable).
- limit highest extraction speed.
- motor on/off after end of wash program.
- flush detergent.

Pause (see section ”Pause”)
The machine stops. The drain valve remains closed.
Another way to pause the program: Press ⮌.

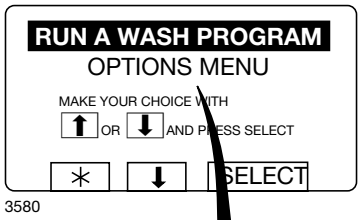
Text (see section ”Text”)
Display description of wash program (if available).

Select new wash program (see section ”Select new wash program”)
You can switch to using a different wash program at any stage during the wash. Once this function has been selected, the current step (for example, rinse) of the earlier program will be allowed to finish and then the new program will start (from the beginning).

Auto restarts (see section ”Auto restarts”)
Here you enter the number of times you wish the wash program to restart automatically.

Change °F/°C (see section ”Change °F/°C”)

To start a wash program from the program library



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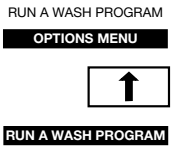
If this menu is not currently displayed:

Press ⮌ repeatedly.



If ”OPTIONS MENU” is highlighted:

Press ⬆.

When ”RUN A WASH PROGRAM” is highlighted:

Press SELECT.

What is the program library?

The program library lists all wash programs, both user and standard programs, showing their program numbers and a description, for example:

1	MY OWN 40 °C
2	MY OWN 60 °C
3	MY OWN 90 °C
991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM. PRESS 60°C
997	PERM. PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

Each time a new program is stored in the machine program memory, its number and description will be inserted automatically into the program library.

The program library may be used for starting a wash program, but is also used in programming, when a wash program needs to be modified or if a new program is to be created on the basis of an existing one.

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To select a program from the PCU program library:

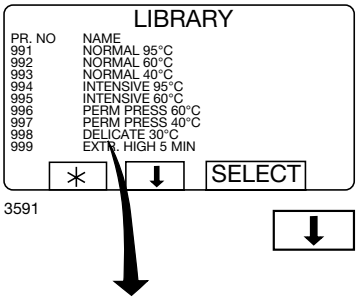
Press CLS.

CLS

If there is a memory card in the PCU and you wish to select a program on that:

SMC

Press SMC.



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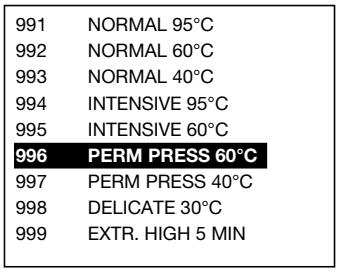


Press ⬇ the required number of times...

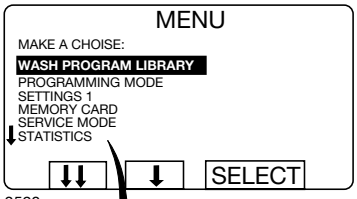
...to highlight the wash program required.

SELECT

Press SELECT.

Select library via menu

You can also select the program library via the option ”OPTIONS MENU”. Then select ”WASH PROGRAM LIBRARY”.



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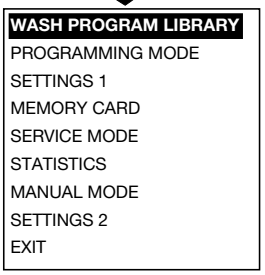

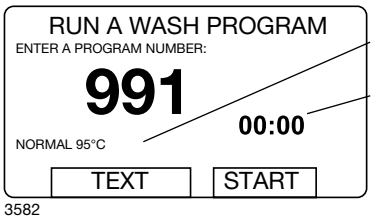

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If you want to see the description of the program:

TEXT **Press TEXT**

Pressing "Text" displays more information

The text displayed is a description of the wash program selected. This text description is inserted when a new wash program is created. This procedure is described fully in the programming manual.

Choose 1 or 2:

① **1** To start the program now:

START **Press START.**

② **2** Delayed start

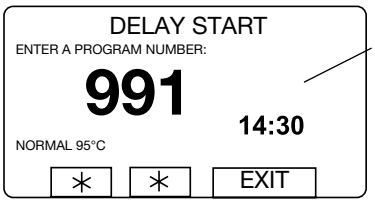
1 2 3 4 5 6 7 8 9 0 **Use the numeric keys to enter a time (max. 99 hrs). This parameter appears on the right of the display.**

START **Press START.**

Delayed start

Delayed start means that the machine will not start the wash program until the time entered has elapsed.

This function allows you, for example, to load the machine in the evening, but delay the start of the wash until early the next morning, to end in time for the next shift.

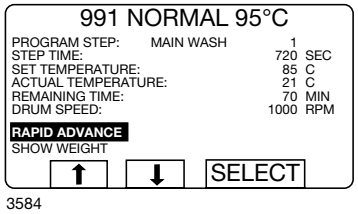


OIf you want to cancel the delayed start:

EXIT **Press EXIT.**

The functions which are available during program operation are described in sections "To change parameters in the current program step - Auto restart".

To change parameters in the current program step



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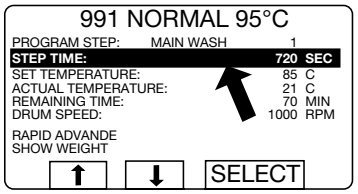
During program operation the display will look like this (see section "To start the wash program").

You can alter the following program steps:

Prewash, Main wash, Rinse, Drain, Soak
Length of program step (max. 9998 seconds), heating temperature (max. 97°C).

Extraction
Length of program step (max. 3599 seconds), extraction speed.

Press ⬆ one or more times...



...to highlight the line required.

If you have entered the wrong parameter

Continue pressing numeric keys to overstrike the incorrect parameter.

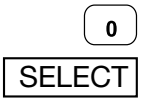
Note: always use the same number of digits as used on the display to overstrike the incorrect parameter.

Example:

To change the time for the program step to **30** seconds, enter **030** to overstrike the earlier parameter.

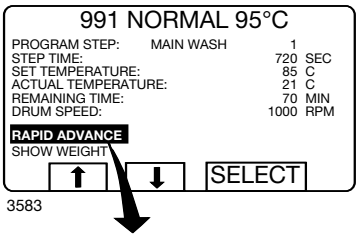
Press SELECT.

Use the numeric keys to enter the new parameter .



Press SELECT.

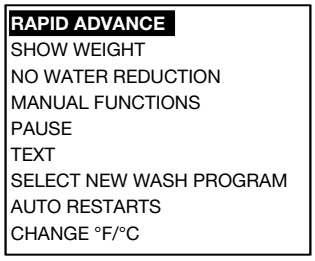
Rapid advance

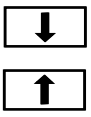


3583

During program operation the display will look like this (see section "To start the wash program").

Check that "RAPID ADVANCE" is highlighted.





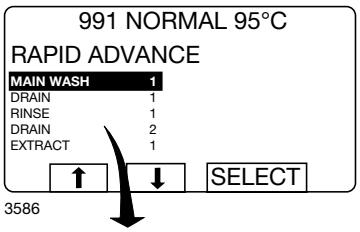
If it is not highlighted:

Press ⬆ or ⬇ one or more times to highlight "RAPID ADVANCE".

SELECT **Press SELECT.**

To terminate a program before it has finished

- Select RAPID ADVANCE and press SELECT. Advance to "END OF PROGRAM" and press SELECT.
- Wait until "THE DOOR IS UNLOCKED" appears on the display.
- Now the door can be opened.



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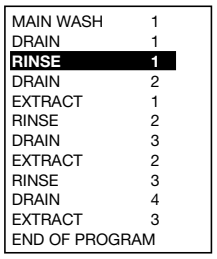
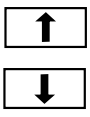




Press ⬇ or ⬆ one or more times to highlight the program step you wish to advance to.

SELECT **Press SELECT.**

Rapid advance works in both directions

Rapid advance works in both directions, using ⬇ and ⬆.

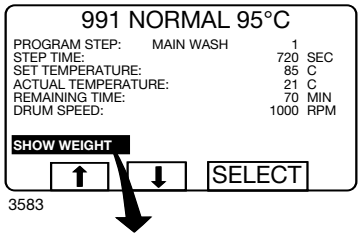
Using rapid advance to move forwards allows you to skip one or more program steps. Using rapid advance backwards allows you to repeat one or more program steps.

Automatic return to normal display

If no keys are pressed within 20 seconds, the display will revert automatically to its previous appearance.

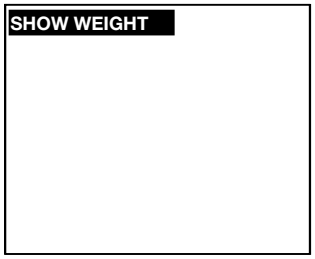
For machines with weighing equipment installed only!

Show weight



3583

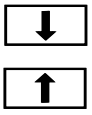
During program operation the display will look like this (see section ”To start the wash program”).



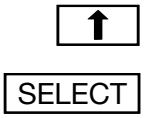
Show weight

The actual weight is shown in large digits on the display (weight display mode).

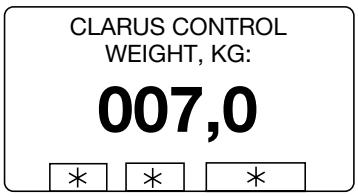
If the weighing equipment is not connected, the error message “FUNCTION NOT ALLOWED” will appear. See the section “Fault-finding, weighing equipment” in the machine manual.



Press ⬆ or ⬇ one or more times to highlight ”SHOW WEIGHT”.



Press SELECT.



4775

Weight display mode:

The actual net weight is shown in large digits on the display.

Return to normal display

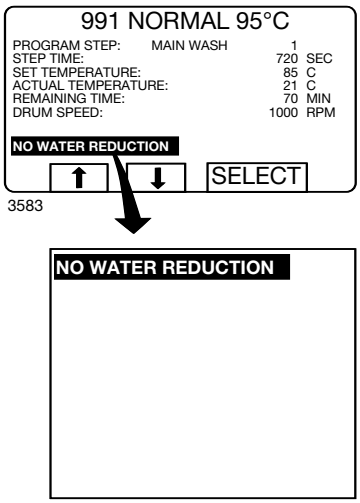
The display will return to normal at the end of the ”time for weight display” set as a parameter in Settings 1. The manufacturer’s default parameter is 20 seconds.

To end weight display sooner

Press ↩ or use the numeric keys to enter a new program number.

For machines with weighing equipment installed only!

No water reduction



During program operation the display will look like this (see section ”To start the wash program”).

Press ⬆ or ⬇ one or more times to highlight ”NO WATER REDUCTION”.

Press SELECT.

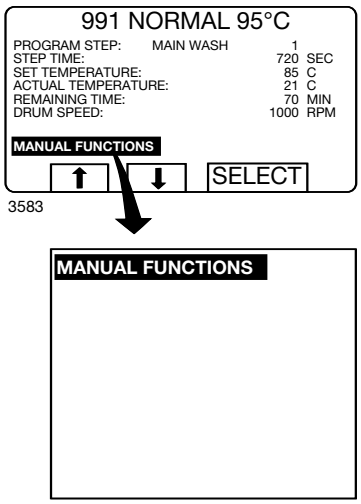
No water reduction

The wash load is weighed during the program and the water level is adjusted automatically according to its weight. If the load is not a full one, the water level will be reduced according to a water level reduction table. You can switch off water level reduction at any stage of a program.

Note that if you select ”NO WATER REDUCTION”, this applies only to the program currently running. The next time a program is started, water level reduction will occur automatically again.

Manual functions

Manual operation during a program



During program operation the display will look like this (see section ”To start the wash program”).

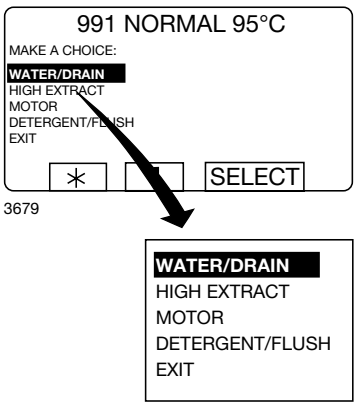
Press ⬆ or ⬇ one or more times to highlight ”MANUAL FUNCTIONS”.

Press SELECT.

Two types of manual operation

There are two types of manual operation, which should not be confused:

- **Manual operation during a program**
  These functions are described in this section.
- **Manual operation when no program is running**
  These functions are described in **section ”Manual mode”**.



Use the cursor keys to select the function.

Press SELECT.

Automatic return to normal display

If no keys are pressed within 20 seconds, the display will revert automatically to its previous appearance.

Manual functions during a wash program

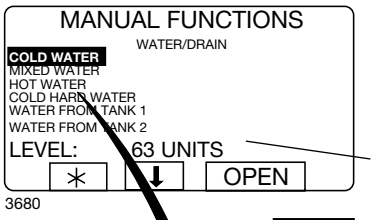
Water/drain (see section ”Water/drain”)
Allows manual operation of all water valves and the drain valve.

High extract (see section ”High extract”)
Here you can limit the maximum extraction speed for the current program.

Motor (see section ”Motor”)
Motor on/off after program has ended.

Detergent/flush (see section ”Detergent/flush”)
Allows you to control all valves in the detergent compartment or in external detergent supply system.

Water/drain

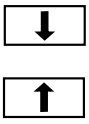


To access this function, see instructions in section "Manual functions".

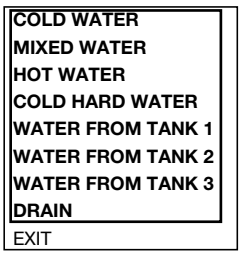
Water level in drum

Note!

For this function, all of the menus will not be available on machines with one I/O board.

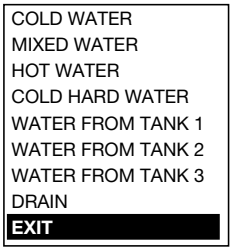


Use ⬇ and ⬆ to select the water/drain option you require.



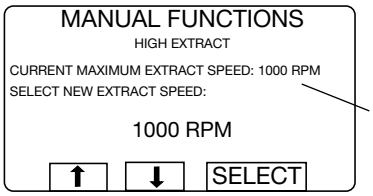
Press Y/N.
With Y (Yes) the function is activated and with N (No) the function is not activated.

When you have finished:
Press ⬇ repeatedly to highlight "EXIT".



Press SELECT.

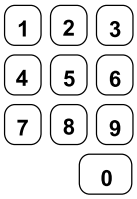
High extract



3681

To access this function, see instructions in section ”Manual functions”.

Maximum extraction speed in current program



Enter the maximum extraction speed you require for this program.

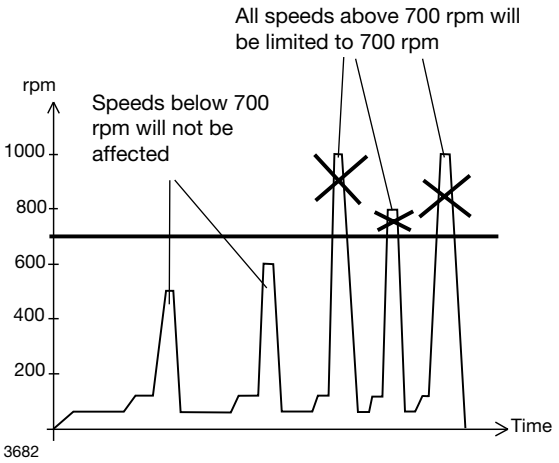
Press SELECT.

To limit the program’s highest extraction speed

This function allows you to modify the highest extraction speed allowed during the program.

Example:

Assume that the highest speed in the program is 1000 rpm and that you have set 700 rpm as the highest speed allowed.



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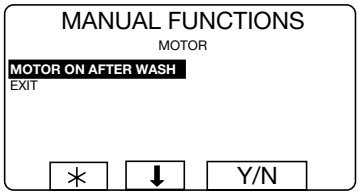
This change will affect the current program only. No change will be implemented if extraction is taking place at the time of the (attempted) change. The next time that this program is used, the original maximum speed will apply.

This function does not allow you to set a **higher** speed than the usual maximum speed for the program.

Motor



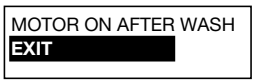
3683

To access this function, see instructions in section "Manual functions".

Y/N

A toggle function:
Use Y/N to toggle the function from ON (Yes) to OFF (No).

When you have finished:
Press ⬇ to highlight "EXIT".



SELECT

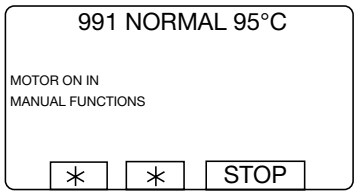
Press SELECT.

Motor to rotate after program has ended

If you answer **Yes (Y)**:

The motor will continue to rotate in alternative directions after the program has ended. This prevents creasing of the load.

When the program has ended, the display will look like this:

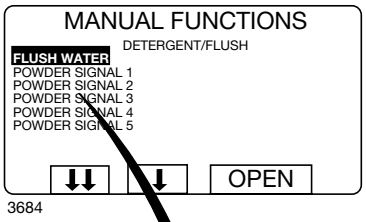


3588

STOP

Press STOP to stop the motor.

Detergent/flush



To access this function, see instructions in section "Manual functions".

Note!

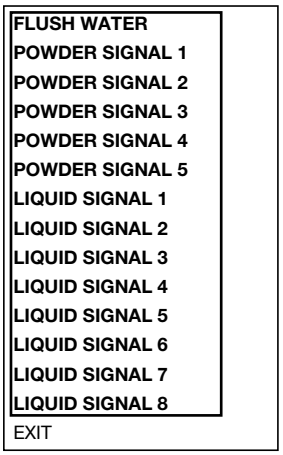
For this function, all of the menus will not be available on machines with one I/O board.

Use ⬇ and ⬆ to select the function you require.

Detergent signals and water flushing

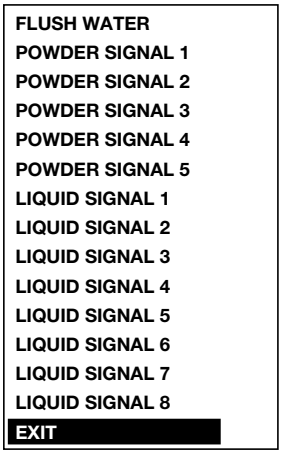
FLUSH WATER:
This function uses water to clear detergent from the supply tubes of the detergent dispensing system.

POWDER SIGNAL:
This function will either: a) use water to dispense detergent from machine compartments, or: b) dispense detergent from an external system. The number of valves present will vary according to the machine type.



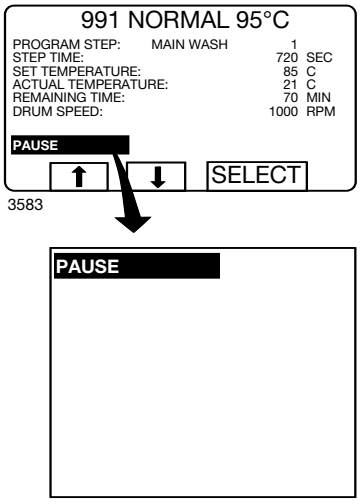
Press OPEN.
The function will be activated for as long as you press and hold this key. The function ceases as soon as you release the key.

When you have finished:
Press ⬇ repeatedly to highlight "EXIT".



Press SELECT.

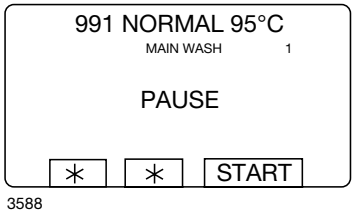
Pause



During program operation the display will look like this (see section ”To start the wash program”).

Press ⬆ or ⬇ one or more times to highlight ”PAUSE”.

Press SELECT.



Press START to restart the wash program.

Two ways of pausing during a wash program

Note that you must be in normal wash mode to be able to pause in this way. If, for example, you are using ”Manual Functions”, you will have to exit that first before you can use Pause.

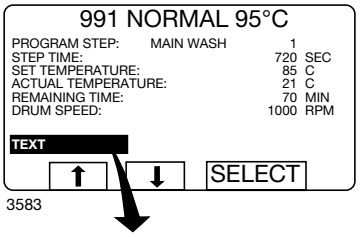
There are two ways of pausing during a wash program:

1 As an additional function. This is described in this section.
2 By pressing ⮌.

When the machine pauses:

- Program operation is halted.
- Filling is halted (where applicable).
- Heating is halted (where applicable).
- The motor stops.
- The drain valve remains closed.
- The door cannot be opened.

Text



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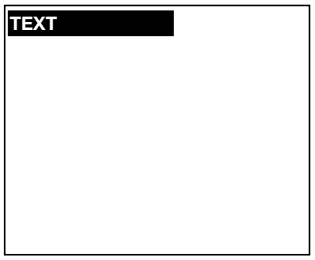
During program operation the display will look like this (see section ”To start the wash program”.

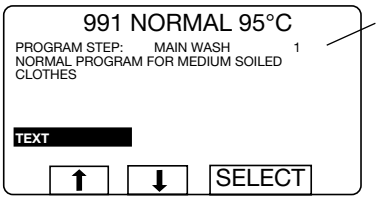


Pressing ”Text” displays more information

The text displayed is a description of the wash program selected. This text description is inserted when a new wash program is created. This procedure is described fully in the programming manual.

Press ⬆ or ⬇ one or more times to highlight ”TEXT”.

SELECT **Press SELECT.**



3630

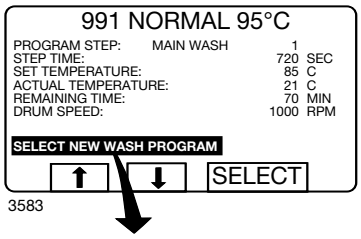
Description of wash program

To return to the normal display:
SELECT **Press SELECT** again.

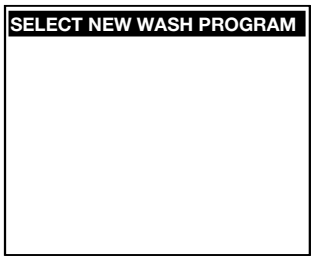
Automatic return to normal display

If you do not press SELECT within 20 seconds, the display will revert automatically.

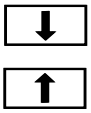
Select new wash program



During program operation the display will look like this (see section "To start the wash program".



Press ⬆ or ⬇ one or more times to highlight "SELECT NEW WASH PROGRAM".



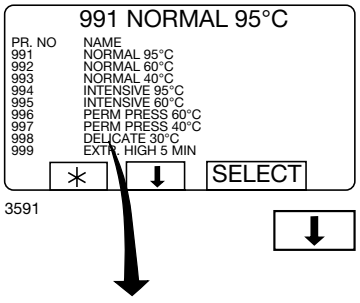
Press SELECT.

SELECT

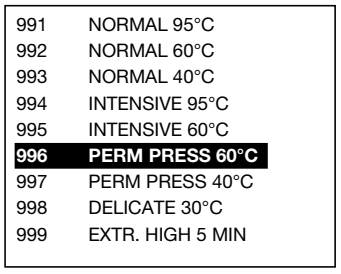
To change the wash program after program operation has commenced

You can change to a different wash program at any time during program operation. When you do, the current function (for example, rinse) will be interrupted. The new program will start immediately after that (from the beginning).

This function is useful, for example, if you discover that you have started the wrong program.



Press ⬇ one or more times as required...



...to highlight the new wash program.

SELECT

Press SELECT.

The existing wash program will now be interrupted and the new one will begin.

Automatic return to normal display

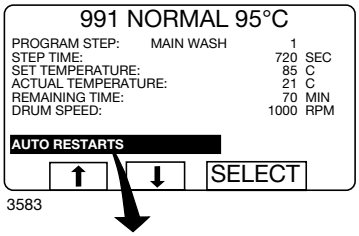
If no keys are pressed within 20 seconds, the display will revert automatically to its previous appearance.

Auto restarts

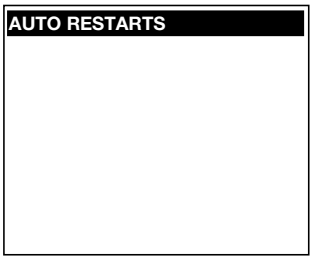
What is Auto restart?

Auto restart means that the same program will be repeated one or more times, according to the number set. The program will restart immediately, and the door will remain locked. If you have set auto restart, the display will show the number of restarts left.

This function is used primarily for testing.

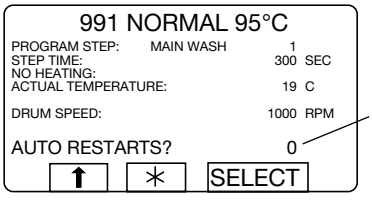


3583



Press ⬇ one or more times to highlight ”AUTO RESTARTS”.

Press SELECT.



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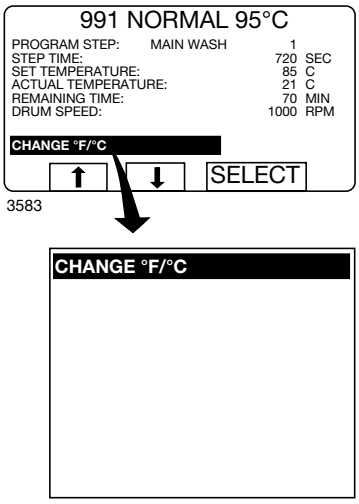
Shows the number of times the program will restart.

If required:
Use the numeric keys to change the required number of restarts.

Press SELECT.

Change °F/°C



During program operation the display will look like this (see section ”To start the wash program”.

Press ⬆ or ⬇ one or more times to highlight ”CHANGE °F/°C”.

Press SELECT.

To change temperature scale °F/°C

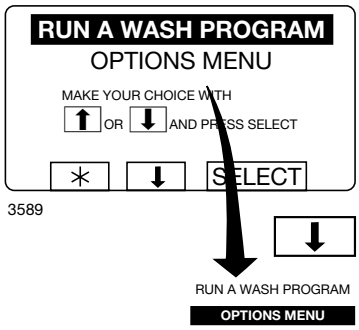
This function changes the temperature scale used for all temperatures displayed during the wash program.

Please note that this scale change applies only to the current program. The default temperature scale will apply next time you run a program.

To change the default temperature scale for all programs, use the function ”SETTINGS”, which is described in the Service Manual.

Manual mode

Manual operating when no program is running



If this menu is not currently displayed:
Press ⮌ repeatedly.

Press ↓ to highlight "OPTIONS MENU".

SELECT **Press SELECT.**

Two types of manual operation

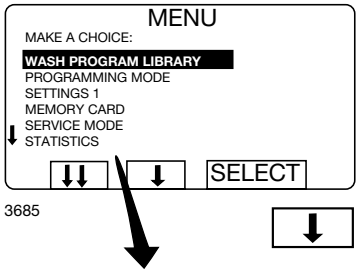
There are two types of manual operation, which should not be confused:

- **Manual operation when no program is running**
  These functions are described in this section.
- **Manual operation during a program**
  These functions are described in **section "Manual functions"**.

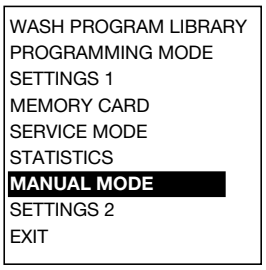
Always lock the door first!

You must always close and lock the door first before you can operate the machine manually.

To lock the door, use the submenu MOTOR/DOOR, **see section "Motor/door"**.



Press ↓ six times...



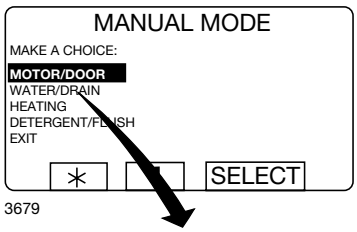
....to highlight "MANUAL MODE".

SELECT **Press SELECT.**

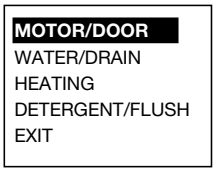
All manual settings are cancelled when you exit manual operation

All manual settings (such as door, motor, temperature, and drain) will be cancelled when you exit manual operation.

The door is unlocked, the motor stops, the drain opens, heating is halted, and the temperature is reset to zero.



3679



↓ **Select the function required using the cursor keys.**

↑

SELECT **Press SELECT.**

Manual operation when no program is running

Motor/door (see section ”Motor/door”)
Lock/unlock door. Switch motor on/off (normal drum action).

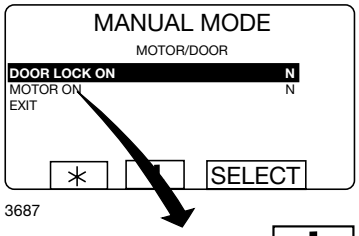
Water/drain (see section ”Water/drain”)
Operation of drain valve and all water valves.

Heating (see section ”Heating”)
Heat water to any temperature required.

Detergent/flush (see section ”Detergent/flush”)
Allows manual operation of all valves in detergent compartment or external detergent supply system.

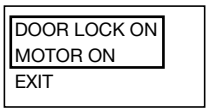
Exit
Returns you to the MENU display.

Motor/Door



3687

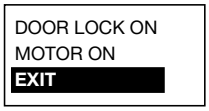
Press ⬇ as required to select a function.



A toggle function:

Y/N **Use Y/N to toggle the function from ON (Yes) to OFF (No).**

⬇ When you have finished:
Press ⬇ to highlight "EXIT".



SELECT **Press SELECT.**

Lock the door and start the motor

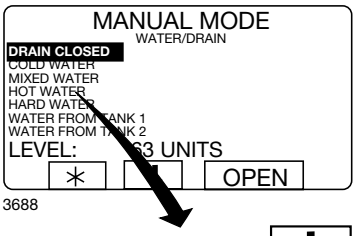
DOOR LOCK ON
If you answer **Yes (Y):**

The door will be locked. Note that you must always lock the door before you can operate the machine manually.

MOTOR ON
If you answer **Yes (Y)**:

The motor will start and operate, using normal action.

Water/drain



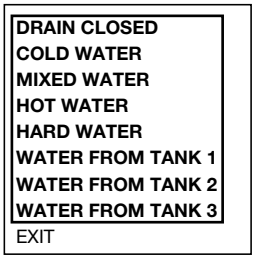
To access this function, see instructions in section "Manual mode".

Note!

For this function, all of the menus will not be available on machines with one I/O board.

↓ ↑

Use ↓ or ↑ to select Drain or one of the six Water filling alternatives.



Drain (a toggle function) :
Press Y/N to toggle the function from Yes (Y) and No (N).

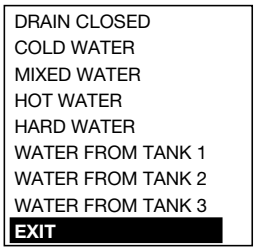
Y/N

Water filling:
Press OPEN.
The function will be activated for as long as you press and hold this key. The function ceases as soon as you release the key.

OPEN

↓

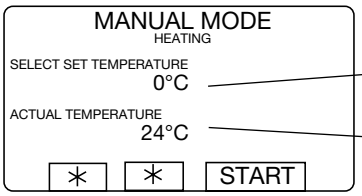
When you have finished:
Press ↓ to highlight "EXIT".



SELECT

Press SELECT.

Heating

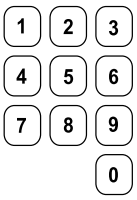


3689

To access this function, see instructions in section ”Manual mode”.

Temperature selected

Actual temperature



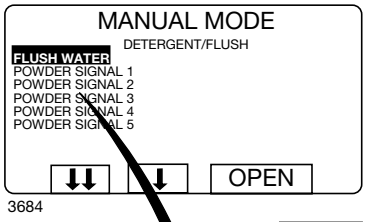
Use the numeric keys to enter the temperature the water is to be heated to.

Press START.
Heating will now begin.

If you wish, you can cancel heating before the set temperature is reached:

Access this function again and press STOP.

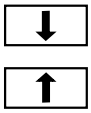
Detergent/flush



To access this function, see instructions in section "Manual mode".

Note!

For this function, all of the menus will not be available on machines with one I/O board.

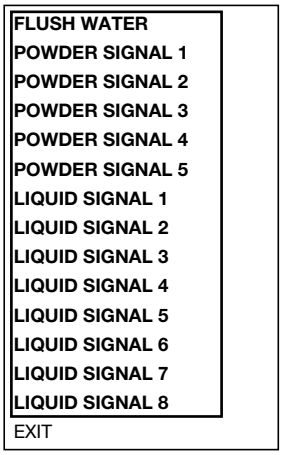


Use ⬇ and ⬆ to select the function you require.

Detergent signals and water flushing

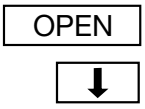
FLUSH WATER:
This function uses water to clear detergent from the supply tubes of the detergent dispensing system.

POWDER SIGNAL:
This function will either: a) use water to dispense detergent from machine compartments, or: b) dispense detergent from an external system. The number of valves present will vary according to the machine type.



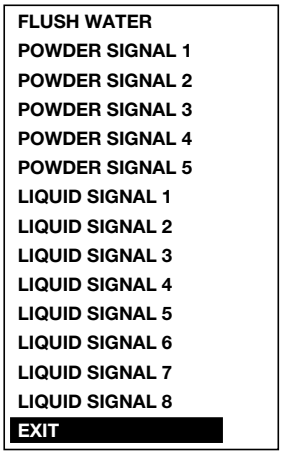
Press OPEN.

The function will be activated for as long as you press and hold this key. The function ceases as soon as you release the key.



When you have finished:

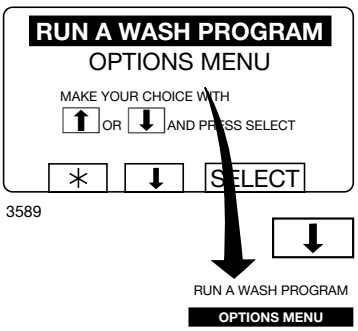
Press ⬇ repeatedly to highlight "EXIT".



Press SELECT.

Statistics

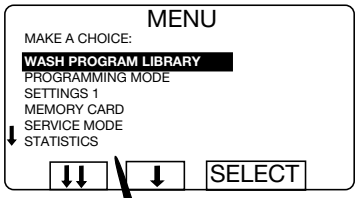
To select Statistics



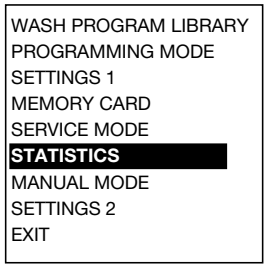
If this menu is not currently displayed:
Press ⮌ repeatedly.

Press ⬇ to highlight "OPTIONS MENU".

SELECT **Press SELECT.**

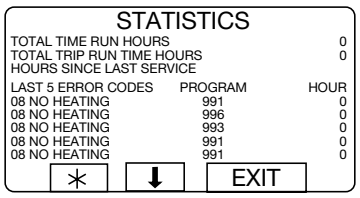


Press ⬇ five times...



...to highlight "STATISTICS".

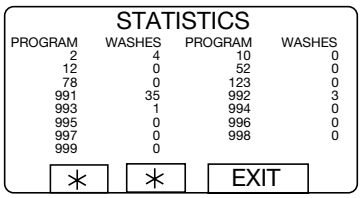
SELECT **Press SELECT.**



3690

To display the next page of statistics:

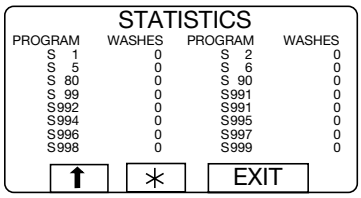
Press ⬇.



3958

To display the next page of statistics:

Press ⬇.



4040

If a memory card is in place in the PCU, the memory card program statistics will be displayed. An ”S” before the program number shows that it is a memory card program.

When you want to cancel the display of statistics:

Press EXIT.

The Statistics function

The Statistics function gives you access to the following information:

TOTAL RUN TIME HOURS:

Shows the total operating time for the machine since it was installed.

TOTAL TRIP RUN TIME HOURS:

This register records the total number of operating hours since it was last reset. It can, for example, be used to keep track of operating time since the last machine service. The procedure for resetting it is described in **section ”To reset ”Total trip run time hours” to zero”**.

HOURS SINCE LAST SERVICE

This register shows the time elapsed since the last service. The register can also be used to generate a signal on the display to show when service is needed (see the section ”Settings 1” in the service manual).

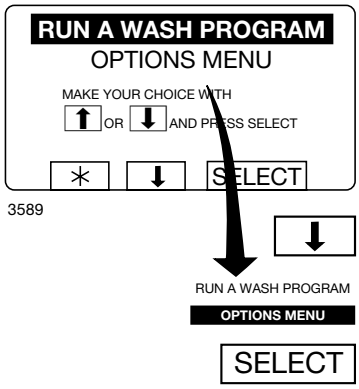
LAST 5 ERROR CODES:

This displays the most recent error codes, and tells which program was operating at the time and during which hour (according to the ”total run time” record) the error code was flagged.

NO. OF TIMES EACH PROGRAM USED:

Displays statistics for PCU programs and for programs on any memory card currently in place in the PCU.

Resetting statistic registers



If this menu is not currently displayed:

Press ⮌ repeatedly.

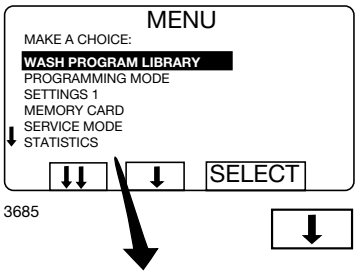
Press ⬇ to highlight "OPTIONS MENU".

SELECT **Press SELECT.**

Statistics registers which can be reset to zero

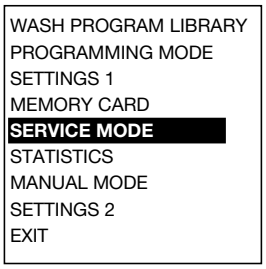
The following registers in the statistics function can be cleared (reset to zero):

- Total trip run time hours.
- Hours since last service.
- No. of times each program used (PCU programs).
- No. of times each program used (programs on any memory card currently in the PCU).



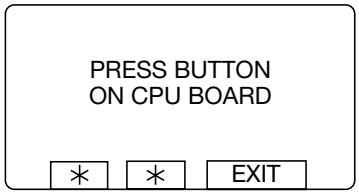
3685

Press ⬇..four times....



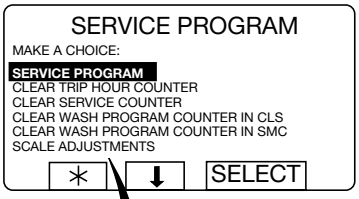
... to highlight "SERVICE MODE".

SELECT **Press SELECT**



4209

Press the button on the CPU circuit board.



4042

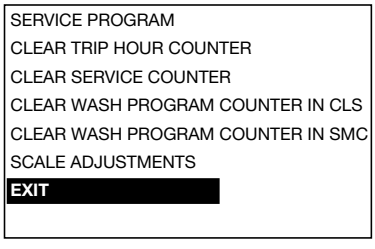
Now you can choose either to clear/reset a register or to adjust the weighing equipment.

Press ⬇ to highlight the option you want, then press SELECT.

SELECT

If you want to exit:

Press ⬇ repeatedly until EXIT is highlighted.

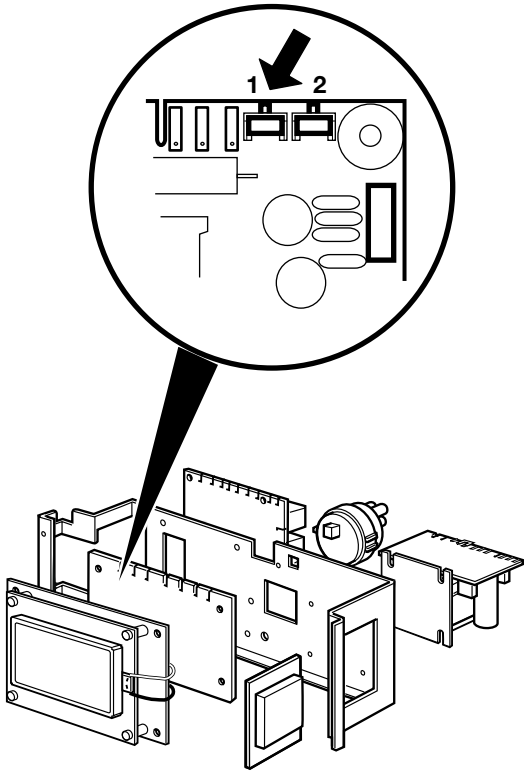


SELECT **Press SELECT.**

The service program may only be used by authorised personnel, because most safety interlocks are disabled.

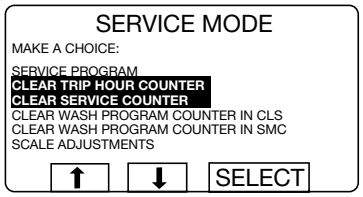
To prevent unauthorised or accidental use

Unauthorised or accidental use of the service program is prevented by requiring the user to locate and press the button on CPU board.



6675, 5227

Time counter, hours after last service

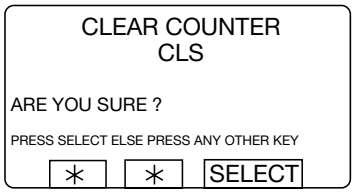


4041

Both counters can be reset in the same way.

Press ↓ so that CLEAR TRIP HOUR COUNTER OR CLEAR SERVICE COUNTER will be marked.

Press SELECT.



3588

First you have a chance to change your mind.

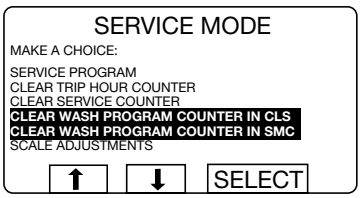
If you **do not want to reset** the register:

Press any key <u>other than</u> SELECT.

If you want to reset the register:

Press SELECT.

Number of washes for program in timer or memory card

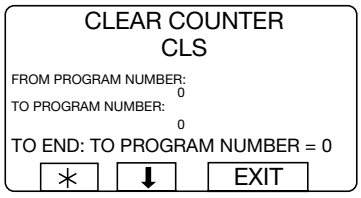


4041

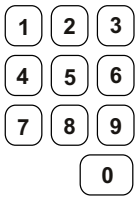
You can reset program in both timer and the memory card (if inserted).

Press ⬇ so that CLEAR WASH PROGRAM COUNTER IN CLS or CLEAR WASH PROGRAM COUNTER IN SMC will be marked.

Press SELECT.

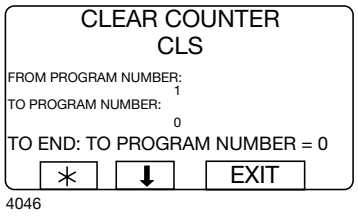


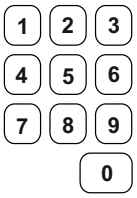
4045



Write from which program number you want to clear wash programs.

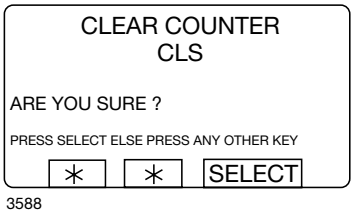
Press ⬇.





Enter digits corresponding to the program number (inclusive) up to which you wish to clear the total counter.

Press ERASE.



First you have a chance to change your mind.

If you **do not want to reset** the register:

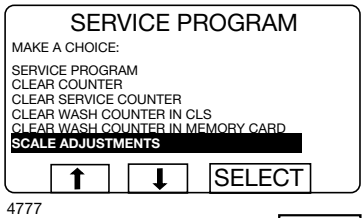
Press any key <u>other than</u> SELECT.

If you want to reset the register:

Press SELECT.

For machines with weighing equipment installed only!

Scale adjustments

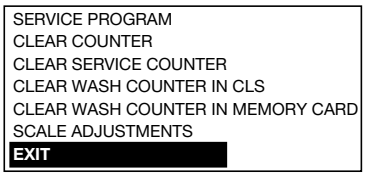


4777

Press ⬇ repeatedly until SCALE ADJUSTMENTS is highlighted.

SELECT **Press SELECT.**

When you have finished: Press ⬇ repeatedly until EXIT is highlighted.



SELECT **Press SELECT.**

Scale adjustments

The following functions are accessed via the SCALE ADJUSTMENTS menu:

Reset scale to zero (see section ”Reset scale to zero”)
Used to make the weighing equipment display 0 when the machine has no load in it.

Reset tare to zero (see section ”Reset tare to zero”)
Used to clear a stored tare parameter.

Tare scale (see section ”Tare scale”)
Used to reset the weighing equipment so that a weight such as a container will not be included when calculating net weight.

Set tare to a certain value (see section ”Set tare to a certain value”)
Used to enter a value for the tare parameter, a weight in hectograms.

Read tare value (see section ”Read tare value”)
Used to check the value currently stored as the tare parameter.

Calibrate the scale (see section ”Calibrate the scale”)
This function is used only on installation of a new scale unit.

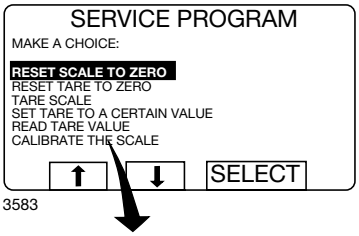
Zero calibration (see section ”Zero calibration”)
Used to increase the accuracy of the weighing equipment.

Read version number (see section ”Read version number”)
This is where you find the version number of the weighing equipment.

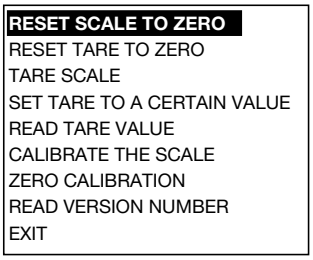
If the weighing equipment is not connected, the error message “WEIGHING EQUIPMENT NOT CONNECTED” will be displayed. Connect the weighing equipment and try again. If necessary, see the section “Fault-finding, weighing equipment” in the machine manual.

For machines with weighing equipment installed only!

Reset scale to zero



3583

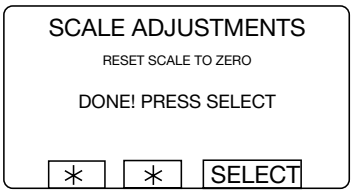


Check that ”RESET SCALE TO ZERO” is highlighted.

If it isn't...

Press ⬆ or ⬇ as required to highlight ”RESET SCALE TO ZERO”.

Press SELECT.



3588

This screen shows that the weighing equipment has been reset to zero.

Press SELECT.

Reset scale to zero

”Reset weighing equipment” is used to make the weighing equipment display 0 when the machine has no load in it.

If your attempt to reset the weighing equipment fails at this point, you will see an error message equivalent to: “FAILED. PRESS SELECT” on the display. For troubleshooting, see the section “Fault-finding, weighing equipment” in the machine manual.

Please note:

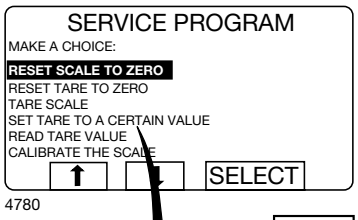
The machine must be unladen when you use this function, i.e. no water or wash load in the drum.

Please note:

After a power-cut, the weighing equipment will always display 0, no matter what the actual load in the drum. In this event you will have to use the “Reset scale to zero” function.

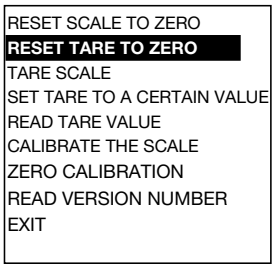
For machines with weighing equipment installed only!

Reset tare to zero



4780

Press ⬇ once to highlight "RESET TARE TO ZERO".



SELECT **Press SELECT.**

3588

This screen shows that the stored tare parameter has been cleared.

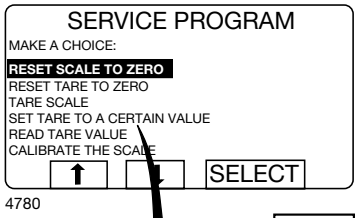
SELECT **Press SELECT.**

Reset tare to zero

If your attempt to clear the tare parameter fails at this point, you will see an error message equivalent to: "FAILED. PRESS SELECT" on the display. For troubleshooting, see the section "Fault-finding, weighing equipment" in the machine manual.

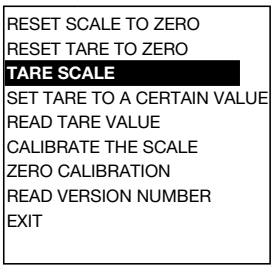
For machines with weighing equipment installed only!

Tare scale

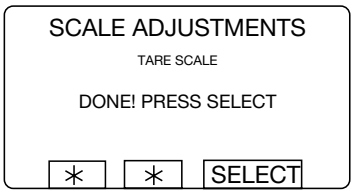


4780

Press ⬇ twice to highlight "TARE SCALE".



SELECT **Press SELECT.**



3588

This screen shows that the weighing equipment has been tared successfully.

SELECT **Press SELECT.**

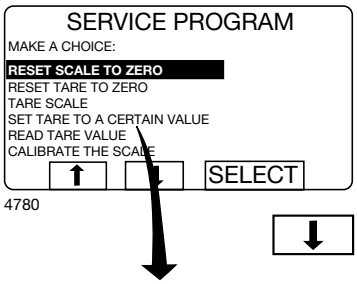
Tare scale

This function involves first loading the drum with, for example, a container, then taring (resetting) the weighing equipment so that the weight of the container will not be included when calculating net weight.

If your attempt to tare the weighing equipment fails at this point, you will see an error message equivalent to: "FAILED. PRESS SELECT" on the display. For troubleshooting, see the section "Fault-finding, weighing equipment" in the machine manual.

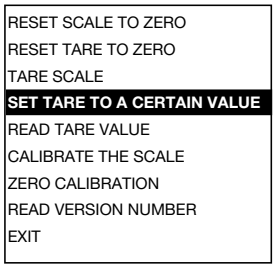
For machines with weighing equipment installed only!

Set tare to a certain value

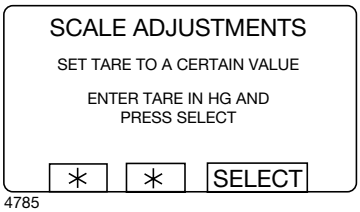


4780

Press ↓ three times to highlight "SET TARE TO A CERTAIN VALUE"



SELECT **Press SELECT.**

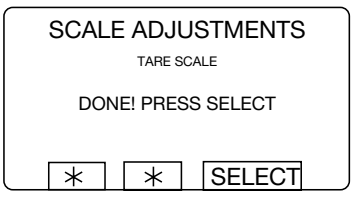


4785

1 2 3
4 5 6
7 8 9
0

Use the numeric keys to enter the tare you require, unit: hectograms; 1 hectogram = 100 grams).

SELECT **Press SELECT.**



3588

This screen shows that the parameter has been entered successfully.

SELECT **Press SELECT.**

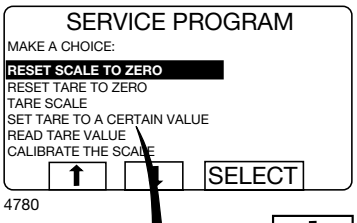
Set tare to a certain value

This function lets you enter a value for the tare parameter, i.e. a weight value which the weighing equipment will disregard when showing a net weight on the display. The function will automatically clear any earlier tare value when you enter a new one.

If your value is not entered successfully at this point, you will see an error message equivalent to: "FAILED. PRESS SELECT" on the display. For troubleshooting, see the section "Fault-finding, weighing equipment" in the machine manual.

For machines with weighing equipment installed only!

Read tare value

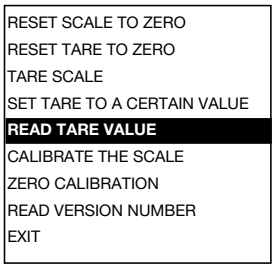


4780

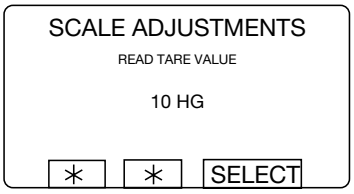
Read tare value

This function lets you check the value currently stored as the tare parameter.

Press ⬇ four times to highlight "READ TARE VALUE".



SELECT **Press SELECT.**



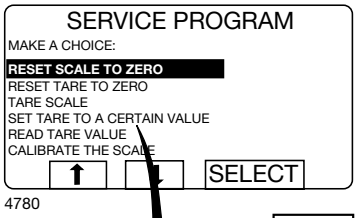
3588

This screen shows the stored tare parameter (unit: hectograms (1 hectogram = 100 grams).

SELECT **Press SELECT.**

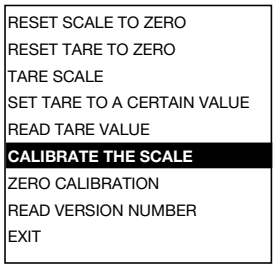
For machines with weighing equipment installed only!

Calibrate the scale

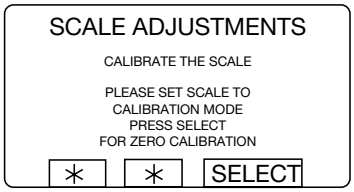


4780

Press ↓ five times to highlight ”CALIBRATE THE SCALE”.



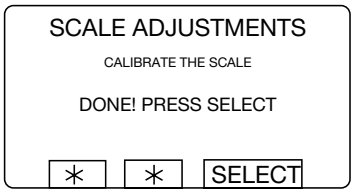
SELECT **Press SELECT.**



3588

Set the calibration switch to calibration mode.

SELECT **Press SELECT.**



3588

SELECT **Press SELECT.**

Please note:

This function is used only on installation of a new scale unit.

Calibrate the scale

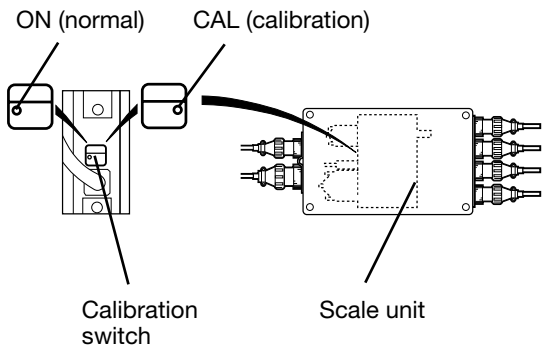
If this calibration has not succeeded you will see an error message equivalent to: “FAILED. PRESS SELECT” on the display. For troubleshooting, see the section “Fault-finding, weighing equipment” in the machine manual.

Please note:

The machine must be unladen at the start of calibration, i.e. no water or wash load in the drum.

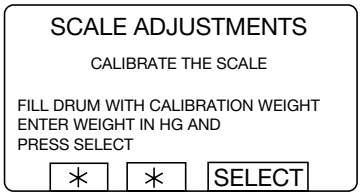
Calibration mode/normal mode

To gain access to the calibration switch in the scale unit, the top panel has to be taken off. Remove the four screws on the scale unit cover. Then the calibration switch can be switched between normal mode ”ON” and calibration mode ”CAL”.



4758 A

For machines with weighing equipment installed only!

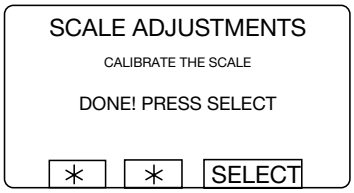


4785

Put the calibration weight in the drum.

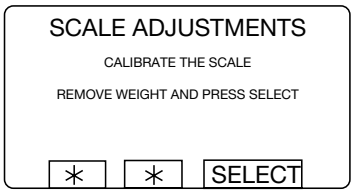
Use the numeric keys to enter the calibration weight in hg (1 hg = 100 grams).

Press SELECT.



3588

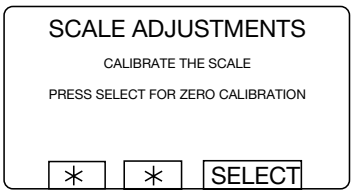
Press SELECT.



3588

Remove the calibration weight.

Press SELECT.



3588

If you want to use the ”Calibrate zero” function now:

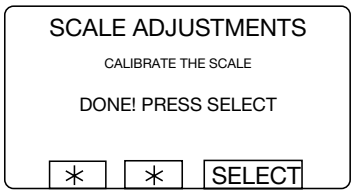
Press SELECT.

Calibration weight

A weight of between 40 kg and 400 kg should be used as a calibration weight.

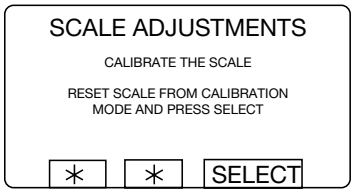
The higher the weight (within these limits), the better the weighing accuracy of the machine.

For machines with weighing equipment installed only!



3588

SELECT **Press SELECT.**



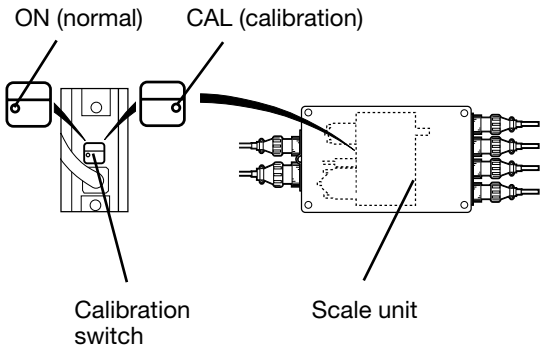
3588

Restore the calibration switch to normal mode.

SELECT **Press SELECT.**

Calibration mode/normal mode

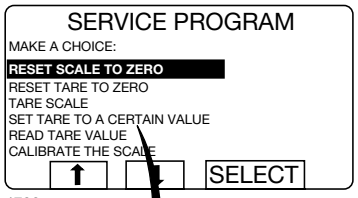
To gain access to the calibration switch in the scale unit, the top panel has to be taken off. Remove the four screws on the scale unit cover. Then the calibration switch can be switched between normal mode ”ON” and calibration mode ”CAL”.



4758 A

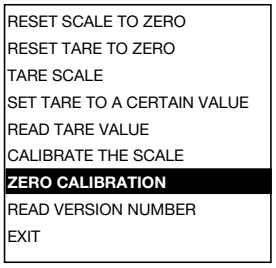
For machines with weighing equipment installed only!

Zero calibration

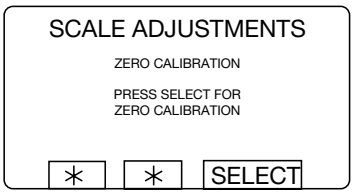


4780

Press ⬇ six times to highlight ”ZERO CALIBRATION”.



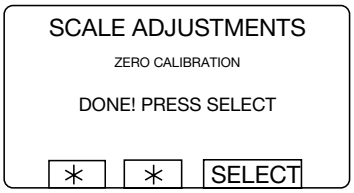
SELECT **Press SELECT.**



3588

If you wish to calibrate zero for the weighing equipment:

SELECT **Press SELECT.**



3588

This screen shows you have calibrated zero.

SELECT **Press SELECT.**

Zero calibration

The “Zero calibration” function is used to increase the accuracy of the weighing equipment. This should be done once a month.

If this calibration has not succeeded you will see an error message equivalent to: “FAILED. PRESS SELECT” on the display.

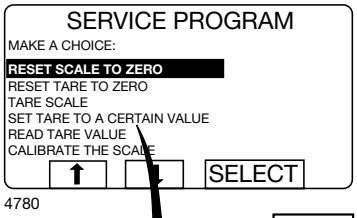
For troubleshooting, see the section “Fault-finding, weighing equipment” in the machine manual.

Please note:

The machine must be unladen during this calibration, i.e. no water or wash load in the drum.

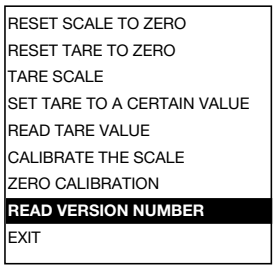
For machines with weighing equipment installed only!

Read version number

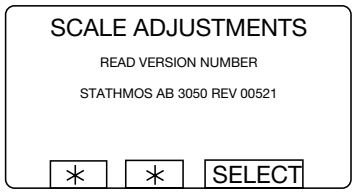


4780

Press ⬇ seven times to highlight ”READ VERSION NUMBER”.



SELECT **Press SELECT.**



3588

The screen shows the version number.

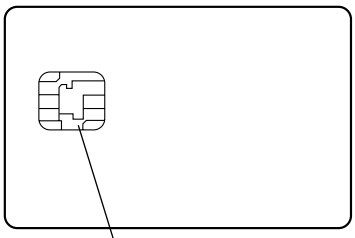
SELECT **Press SELECT.**

Read version number

In the event of a fault in the weighing equipment (which cannot be put right with the aid of the section “Fault-finding, weighing equipment” in the machine manual), make a note of the version number accessed via this function before you contact the supplier’s service department.

Memory card

General introduction



A memory card is a plastic card, the size of a credit card, with an electronic memory chip inside it. This memory card is capable of storing 10 to 15 wash programs of normal size. If the programs are mostly small ones, more of them can be stored, whereas larger programs will reduce the number which can be held by the memory card. Memory cards of this type can be used to:

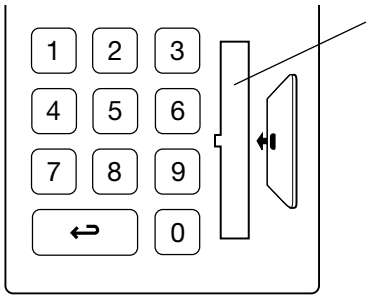
- transfer wash programs from one machine to another
- run wash programs straight from the memory card
- transfer wash programs from a PC to a memory card and from a memory card to a PC (these procedures, and how to write a wash program on a PC, are described in the manual for "Wash Program Manager" (WPM)).

A program stored on a memory card may be given restricted-use status. This means that:

- The program cannot be deleted or copied to the program control unit of a machine.
- You cannot alter the program or inspect the way it is written.
- To run the program you have to have the memory card and to insert it into the program control unit when the program is to be started.

Note that "memory card" also can be called "smart card" or "SMC".

To select the ”Memory card” function



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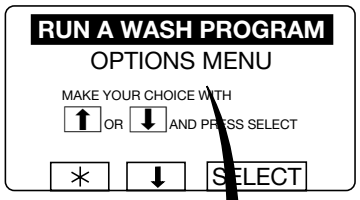
Insert the memory card with the chip first, to the left, into the machines card reader.



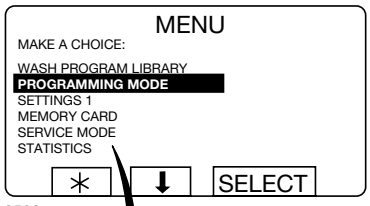
3589

If this menu is not currently displayed:
Press ⮐ repeatedly.

Press ⬇ to highlight ”OPTIONS MENU”.

RUN A WASH PROGRAM
OPTIONS MENU

SELECT **Press SELECT.**



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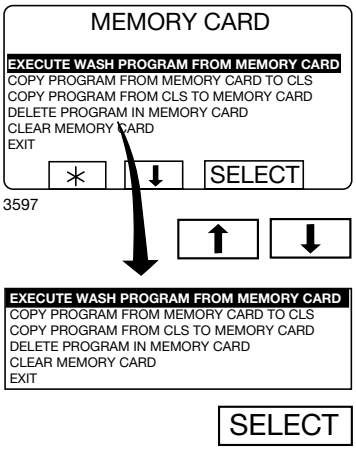
Press ⬇ three times...

WASH PROGRAM LIBRARY
PROGRAMMING MODE
SETTINGS 1
MEMORY CARD
SERVICE MODE
STATISTICS
MANUAL MODE
SETTINGS 2
EXIT

...to highlight ”MEMORY CARD”.

SELECT **Press SELECT.**



Select the function required using the cursor keys.

SELECT **Press SELECT.**

”The ”Memory card” functions

Execute wash program from memory card (see section ”Execute wash program from memory card”)

A wash program can be run from the memory card, without first being copied to the machine. The memory card may be removed from the card reader after the program has started.

Programs on memory cards may have ”restricted-use” status, which means that they can only be run straight from the memory card, not copied or modified.

Copy program from memory card to CLS (see section ”Copy program from memory card to CLS”)

One or more wash programs can be copied from the memory card to the memory chip in the machine’s program control unit. Note that programs on the memory card with ”restricted-use” status cannot be copied to the machine memory chip.

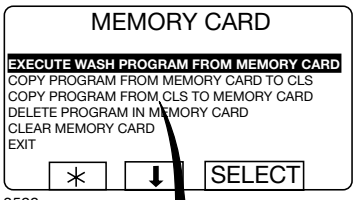
Copy program from CLS to memory card (see section ”Copy program from CLS to memory card”)

One or more wash programs can be copied from the memory chip in the machine’s program control unit to the memory card. The memory card can hold 10 to 15 wash programs of normal size.

Delete program in memory card (see section ”Delete program in memory card”)

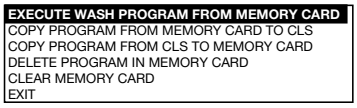
Clear memory card (see section ”Clear memory card”)

Execute wash program from memory card

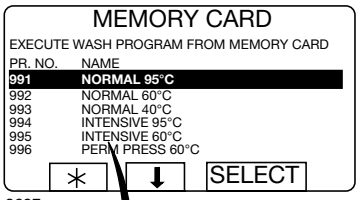


To access this menu, follow the instructions in section "To select the "Memory card" function".

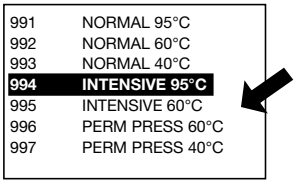
Highlight "EXECUTE WASH PROGRAM FROM MEMORY CARD" (press ⬆ if necessary).



SELECT **Press SELECT.**

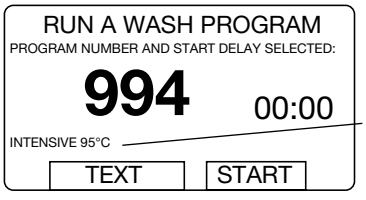


⬇ **If necessary, use ⬇ to...**



... highlight the wash program required.

SELECT **Press SELECT.**



Program name

If you want to see the description of the program (where available):

TEXT **Press TEXT.**

To start the program:

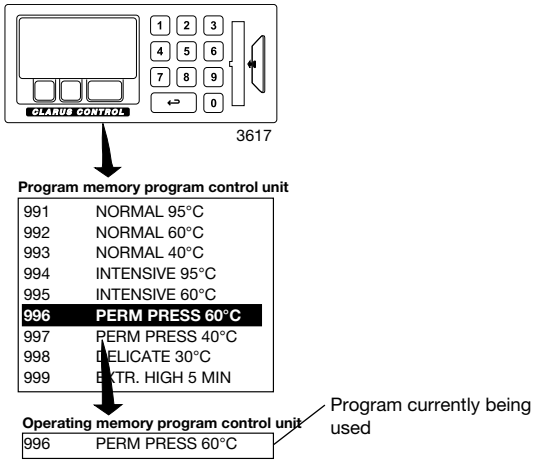
START **Press START.**

Once the program has started, the memory card may be removed from the card reader.

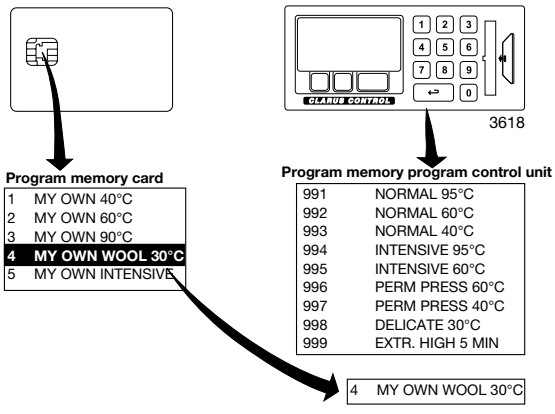
To run a program from the memory card

In broad terms, the program control unit has two different memories. One is a "**program memory**" where all its wash programs are stored, the other is an "**operating memory**", which is used to hold the program currently in use. The program control unit takes the instructions it needs to run the program from the operating memory.

When a wash program is started, the correct program is retrieved from the program memory and copied into the operating memory.



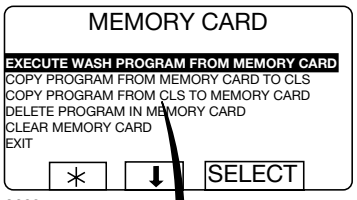
A parallel process takes place when a program is started from a memory card. In other words, the program is copied from the memory card into the operating memory, and the machine runs the program entirely from the set of instructions in the operating memory.



That is why you may remove the memory card from the card reader once the program has started.

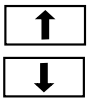
Once the program has ended it is erased from the operating memory.

Copy program from memory card to CLS

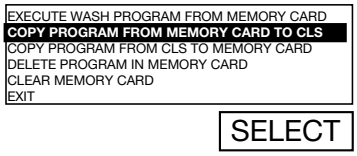


To access this menu, follow the instructions in section "To select the "Memory card" function".

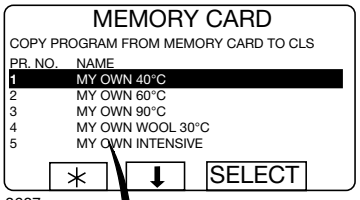
Note that restricted-use programs on a memory card cannot be copied.



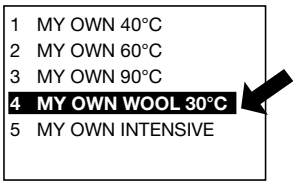
Highlight "COPY PROGRAM FROM MEMORY CARD TO CLS" (press ⬇ or ⬆ if necessary).



SELECT **Press SELECT.**



If necessary, use ⬇ to...



... highlight the wash program required.

SELECT **Press SELECT.**

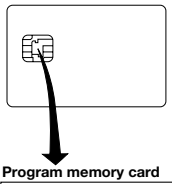
What is a restricted-use program?

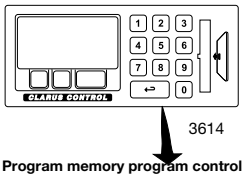
A wash program which has been created on a PC can be made a "restricted-use" program. This means that:

- The program cannot be deleted or copied to the program memory of a machine.
- You cannot modify the program or examine its structure.
- To run the program you must have access to the memory card, and insert it into the card reader when the program is to be started.

What happens when a program is copied?

Both the memory card and the program control unit have memory chips capable of storing wash programs. The chip on the card can hold about 10 to 15 programs of normal size, while the chip in the program control unit has a capacity of several hundred programs.





3614

Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	**MY OWN WOOL 30°C**
5	MY OWN INTENSIVE

Program memory program control unit

991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

When a program is copied from a memory card to the machine's program control unit, it is copied, not moved (not deleted from the card). A copy is transferred from the chip on the memory card to the storage chip of the machine program control unit.

Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	**MY OWN WOOL 30°C**
5	MY OWN INTENSIVE

Program memory program control unit

4	MY OWN WOOL 30°C
991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

3615

The program remains on the memory card, but another copy of it has now been stored in the program control unit.

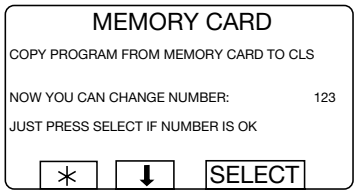
Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	MY OWN WOOL 30°C
5	MY OWN INTENSIVE

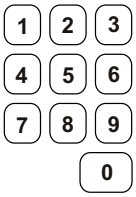
Program memory program control unit

4	MY OWN WOOL 30°C
991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

3616



4046



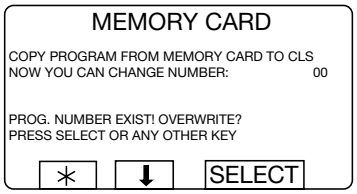
Choose 1 or 2:

1 If you want to give the program a different program number (from the one it had on the memory card):

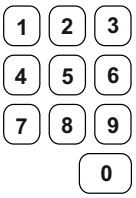
Use the numeric keys to enter the new program number, then press SELECT.

2 If the existing number is suitable:

Press SELECT.



4046



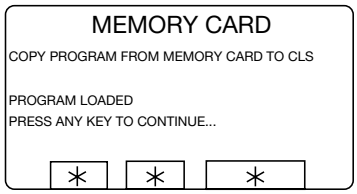
If the number you have choosen is already used:

1 Select another number.

Enter the new number and press SELECT.

2 Erase the old program number.

Press SELECT.

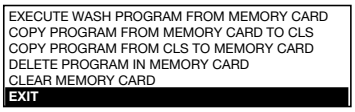


3612

After the program has been copied (it takes only a few seconds) the menu will look like this:

If you want to copy more programs:

Press any key to continue.



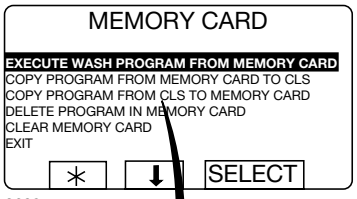
4210

When you have finished:

Press ⬇ repeatedly to-highlight "EXIT".

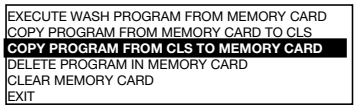
Press SELECT.

Copy program from CLS to memory card

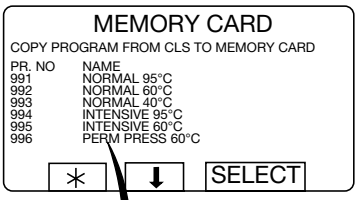


3609

Highlight "COPY PROGRAM FROM CLS TO MEMORY CARD" (press ⬇ or ⬆ if necessary).



SELECT **Press SELECT.**



3591

⬇ **If necessary, use ⬇ to...**

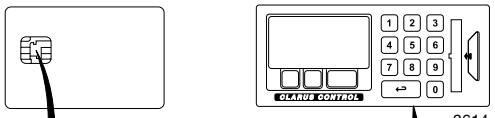
... highlight the wash program required.

991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	**INTENSIVE 60°C**
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

SELECT **Press SELECT.**

What happens when a program is copied?

Both the memory card and the program control unit have memory chips capable of storing wash programs. The chip on the memory card can hold about 10 to 15 programs of normal size, while the chip in the program control unit has a capacity of several hundred programs.



3614

Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	**MY OWN WOOL 30°C**
5	MY OWN INTENSIVE

Program memory program control unit

991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

When a program is copied from the machine's program control unit to a memory card, it is copied, not moved (not deleted from the machine). A copy is transferred from the storage chip of the machine program control unit to the chip on the card.

Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	**MY OWN WOOL 30°C**
5	MY OWN INTENSIVE
992	NORMAL 60°C

Program memory program control unit

991	NORMAL 95°C
992	**NORMAL 60°C**
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

3621

The program remains in the program control unit, but another copy of it has now been stored on the card.

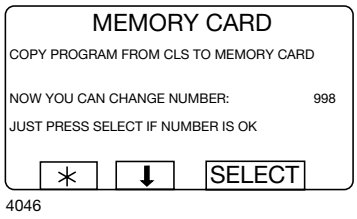
Program memory card

1	MY OWN 40°C
2	MY OWN 60°C
3	MY OWN 90°C
4	MY OWN WOOL 30°C
5	MY OWN INTENSIVE
992	NORMAL 60°C

Program memory program control unit

991	NORMAL 95°C
992	NORMAL 60°C
993	NORMAL 40°C
994	INTENSIVE 95°C
995	INTENSIVE 60°C
996	PERM PRESS 60°C
997	PERM PRESS 40°C
998	DELICATE 30°C
999	EXTR. HIGH 5 MIN

3622



4046

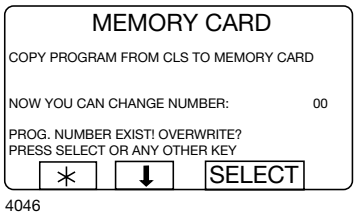
Choose 1 or 2:

1 If you want to give the program a different program number (from the one it had on the machine):

Use the numeric keys to enter the new program number, then press SELECT.

2 If the existing number is suitable:

Press SELECT.



4046

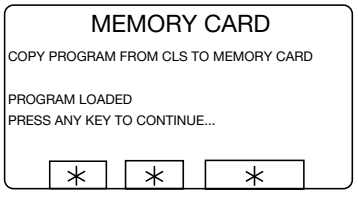
If the number you have choosen is already used:

1 Select another number.

Enter the new number and press SELECT.

2 Erase the old program number.

Press SELECT.

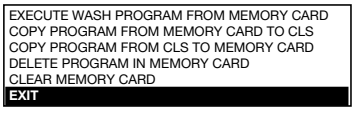


3612

After the program has been copied (it takes only a few seconds) the menu will look like this:

If you want to copy more programs:

Press any key to continue.



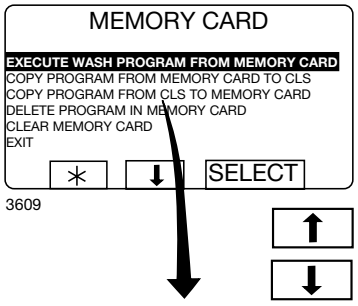
4210

When you have finished:

Press ⬇ repeatedly to highlight "EXIT".

SELECT **Press SELECT.**

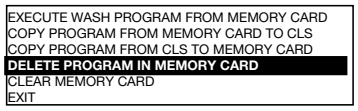
Delete program in memory card



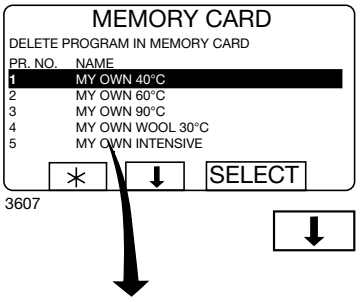
To access this menu, follow the instructions in section "To select the "Memory card" function

Note that restricted-use programs on a memory card cannot be deleted.

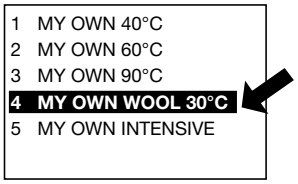
Highlight "DELETE PROGRAM IN MEMORY CARD" (press ⬆ or ⬇ if necessary).



SELECT **Press SELECT.**



⬇ **If necessary, use ⬇ to...**



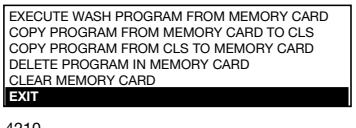
.... highlight the wash program required.

SELECT **Press SELECT.**

The program will now be deleted from the memory card. This takes between 5 and 15 seconds.

If you want to delete more programs:

Continue in the same way as described above.



When you have finished:

Press ⬇ repeatedly to highlight "EXIT".

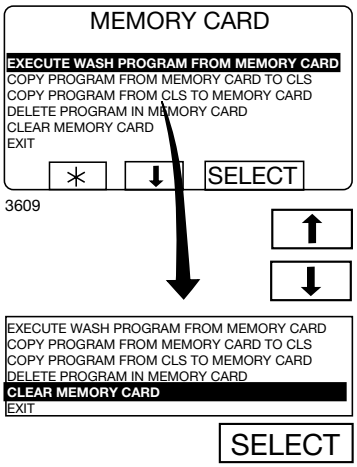
SELECT **Press SELECT.**

What is a restricted-use program?

A wash program which has been created on a PC can be made a "restricted-use" program. This means that:

- The program cannot be deleted or copied to the program memory of a machine.
- You cannot modify the program or examine its structure.
- To run the program you must have access to the memory card, and insert it into the card reader when the program is to be started.

Clear memory card

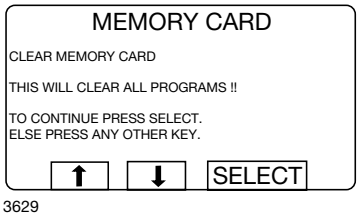


Note that restricted-use programs on a memory card cannot be copied or deleted.

Highlight ”CLEAR MEMORY CARD” (press ⬇ or ⬆ if necessary).

SELECT

Press SELECT.



If you change your mind and do not want to delete the entire memory card:

Press any key <u>other than</u> SELECT.

If you want to delete all programs on the memory card (with the exception of any restricted-use programs):

SELECT

Press SELECT.

What is a restricted-use program?

A wash program which has been created on a PC can be made a ”restricted-use” program. This means that:

- The program cannot be deleted or copied to the program memory of a machine.
- You cannot modify the program or examine its structure.
- To run the program you must have access to the memory card, and insert it into the card reader when the program is to be started.

Maintenance

Daily

- Clean the door seal and remove detergent residue.
- Check that the door does not leak.
- Clean the detergent compartment and wipe down the machine with a damp cloth.
- Check that the drain valve does not leak.
- Start the machine and check that the door remains locked while the machine is operating. Fast forward the machine to the stop position and check that the door cannot be opened until the program is completed.

Every month

- Check that valves, hoses and connections do not leak.
- Remove any textile lint from the drain opening, joints in drain pipes etc.

Every third month

Accumulated chemicals on the panel ledges.

- Disconnect electrical power from the machine.
- Turn off the water supply and bleed the pressure from the supply hoses.
- Remove the water supply hoses from the rear of the machine and clean or replace the inlet screens, as needed.
- Thoroughly clean the detergent dispenser.
- Remove the top and front panels from the machine.
- To help prevent corrosion, clean accumulation of detergent and other chemicals from the panels.
- Inspect inside of machine for leaks. Repair as needed.
- Clean the door gasket.
- Reinstall top and front panels.
- Restore power and return the machine to service.

Every month (only for mop machines)

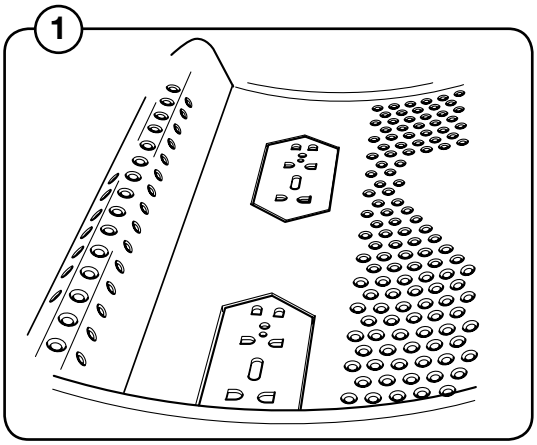
Cleaning the mop elements

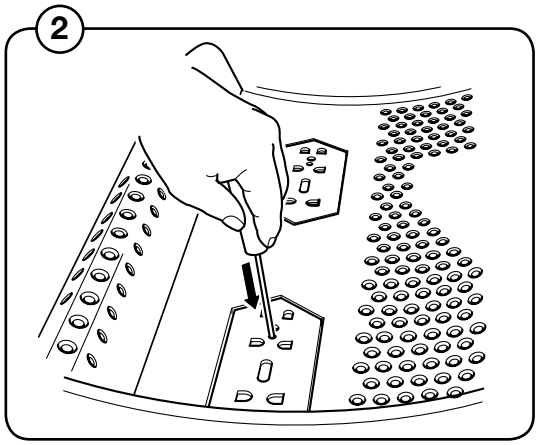
(1)
- Depending on the size of the machine, you will find one or two core covers in the machine's inner drum so that the elements can be cleaned if so required. The front cover is located directly above the drain, while the other is in front of the element retainer. Two small screwdrivers are required to remove the core cover.

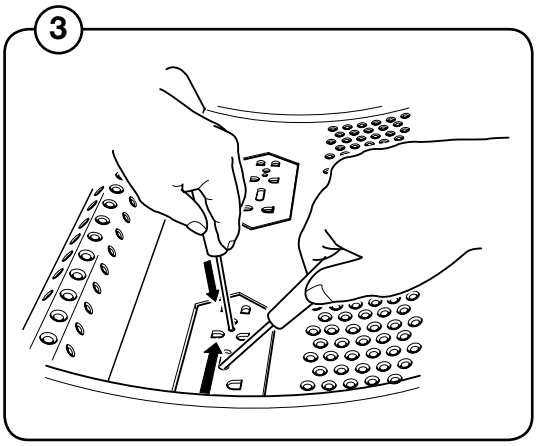
(2)
- Use a screwdriver to press down on the retaining plate in the round hole on the core cover.

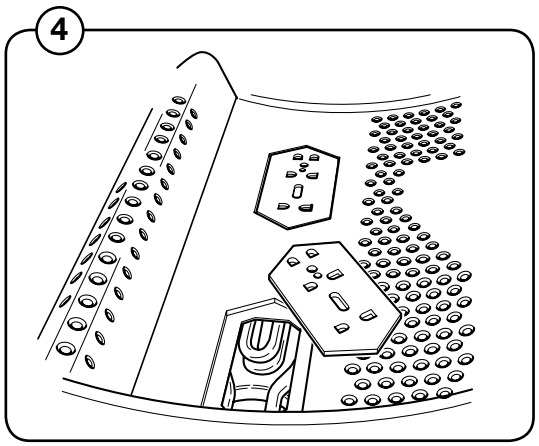
(3)
- Place the other screwdriver in the oval hole on the core cover and through the round hole in the retaining plate
- Push the retaining plate towards the screwdriver which is pressing down on the retaining plate.

(4)
- Remove the core element/elements and clean the elements. If the elements are very dirty, it may be wise to remove the elements from the drum when cleaning them.
- The core covers are refitted in reverse order, with the difference that it is not necessary to press on the retaining plate; you only need to push the retaining plate back into place. When you hear a clicking sound, the retaining plate is in position.









Service information - Fault tracing

If the machine fails to start, check to ensure that:

- it is turned on at the mains.
- the manual shut-off valves are open.
- a programme has been selected.
- if it is a coin-operated machine, that the correct amount of coins or tokens have been inserted.
- the drum door is locked

On machines built for washing mops, it can be caused by too low a level in the program stage. The lowest level for a mop program in the main wash with heating is 22 scale units.

Washer extractors, Tumble dryers, Hydro extractors

Types: W.55H., W3..., WN3..., W4.H., EXSM.X., H1..., N1130.., N1190.., N2..., N3..., N4..., N5...
Product standards: EN 60335-2-4, -7, -11
EMF standards: EN 50366:2003 + A1
EMC standards: EN 61000-6-1 (2001) W.55H., W3..., W4.H., N1130, N1190, N2..., N3...
EN 61000-6-3 (2001) W.55H., W3..., WN3..., W4.H., EXSM.X., N1130, N1190, N2..., N3...
A11 (2003) WN3..., N5...
EN 61000-3-11 (2001) EXSM.X.
EN 61000-6-2 (2005) WN3..., N4..., N5...
EN 61000-6-3 (2007) N4...

Försäkran om överensstämmelse

Vi, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Sverige

försäkrar under eget ansvar att denna produkt, med typbeteckning och enl. ovan, är tillverkad i överensstämmelse med följande direktiv:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (gäller endast N'''''' och WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

CE Declaration of conformity

We, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Sweden

declare under our sole responsibility that the product of the type stated above is manufactured in conformity with the following EU directives:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (N''''''... and WN3... only)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

EG-Konformitätserklärung

Wir, die, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Schweden

erklären hiermit in alleiniger Verantwortung, daß das Produkt mit der oben genannten Typenbezeichnung mit folgenden EU-Richtlinien übereinstimmt:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (Nur N'''''' und WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Déclaration de conformité CE

Nous, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Suède

déclarons sous notre seule et unique responsabilité que le produit des type et numéro de série indiqués ci-dessus est fabriqué conformément aux directives UE suivantes:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (N'''''' et WN3... uniquement)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Declaración de conformidad CE

Electrolux Laundry Systems Sweden AB
con sede en SE-341 80 Ljungby, Suecia

declara bajo su exclusiva responsabilidad que el producto cuyo tipo se especifica en el encabezado se ha fabricado conforme a las siguientes directivas:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (vale sólo N'''''' y WN3)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Erklæring om EU-overensstemmelse

Vi Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Sverige

erklærer på eget ansvar, at produktet med typebetegnelse som angivet er fremstillet i overensstemmelse med følgende EU-direktiver:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (gælder kun N'''''' og WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

EY-Vaatimustenmukaisuusvakuutus

Me Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Ruotsi

vakuutamme yksinomaan omalla vastuullamme, että tuote, jonka tyyppitunnus lukee yllä, on valmistettu seuraavien [EU]-direktiivien mukaisesti:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (vain N'''''' ja WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

EF-samsvarserklæring

Vi, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Sverige,

erklærer på eget ansvar at dette produktet, med typebetegnelse og produksjonsnummer som angitt nedenfor, er produsert i samsvar med bestemmelsene i følgende direktiver:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (gjelder bare N'''''' og WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

EG-Conformiteitsverklaring

Wij, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Zweden

verklaren hierbij op eigen verantwoordelijkheid dat het produkt van het type en met het serienummer zoals hieronder vermeld, is vervaardigd conform de volgende normen:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (alleen N'''''' en WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Dichiarazione CE di conformità

Noi Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Svezia

dichiariamo sotto la nostra esclusiva responsabilità che il prodotto del tipo specificato sopra è conforme alle seguenti direttive [UE]:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (solo N'''''' e WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Declaração CE de conformidade

Nós, Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Suécia

declaramos sob nossa inteira responsabilidade que o produto com os números de série e de tipo abaixo indicados é fabricado em conformidade com as seguintes directivas [UE]:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (apenas N'''''' e WN3...)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

ΔΗΛΩΣΗ ΠΙΣΤΟΤΗΤΑΣ ΕΚ

H Electrolux Laundry Systems Sweden AB
SE-341 80 Ljungby, Σουηδία

δηλώνει με αποκλειστική της ευθύνη ότι το προϊόν του ανωτέρω αναφερόμενου τύπου κατασκευάζεται σύμφωνα με τις ακόλουθες οδηγίες της Ευρωπαϊκής Ένωσης:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (N'''''' και WN3... μόνο)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

CE megfelelőségi nyilatkozat

Mi, az Electrolux Laundry Systems Sweden AB
SE-341 8 Ljungby, Svédország

felelőségünk teljes tudatában kijelentjük, hogy az alább megadott típusú termék gyártása a következő EU-irányelvekkel összhangban történik:

- LVD Directive 2006/95/EC
- EMC Directive 2004/108/EC
- GAS Directive 2009/142/EC (csak az N'''''' és WN3... esetén)
- CE Marking Directive 93/68/EEC
- RoHS Directive 2002/95/EC
- WEEE Directive 2002/96/EC
- MD Directive 2006/42/EC

Ljungby 2010.08.16

Franco Panno
Vice President Technical Operations

Thinking of you

Electrolux

Translation table for model name to type of approval

Commercial name	Type
W455H	W.55H.
W465H	W3...
W475H	W3...
W4105H	W3...
W4130H	W3...
W4180H	W3...
W4240H	W3...
W4300H	W3...
FOM71 CLS	W3...
WB4130H	W3...
WB4180H	W3...
PW9	W3...
W475S	W3...
W485S	W3...
W4105S	W3...
W4130S	W3...
W4180S	W3...
W4250S	W3...
W4330S	W3...
W475N	W3...
W485N	W3...
W4105N	W3...
W4130N	W3...
W4180N	W3...
W4250N	W3...
W4330N	W3...
WD4130H	WN3...
WD4240H	WN3...
W4400H	W4.H.
W4600H	W4.H.
W4850H	W4.H.
W41100H	W4.H.
W4280X	EXSM.X.
W4350X	EXSM.X.
W4600X	EXSM.X.
C240	H1...
C260	H1...
C240R	H1...
C260R	H1...
C290R	H1...
T4130	N1130..
T4190	N1190..
PD9	N1190..
T4250	N2...
T4350	N2...
T4300S	N3...
T4290	N4...
T4530	N4...
T4650	N4...
T4900	N4...
T41200	N4...
T4900CR	N4...
T41200CR	N4...
T4300LE	N5...

Ljungby 2010.08.16

Franco Panno
Vice President Technical Operations

Skrotning av maskin
När maskinen inte längre skall användas måste den lämnas till en återvinningsstation för destruktion. Många detaljer i maskinen går att återanvända, men den innehåller även annat material som måste tas om hand på ett korrekt sätt. Lämna därför aldrig maskinen eller delar av maskinen i hushållsavfallet, eftersom det kan leda till hälsorisker eller skador på miljön.

Scrapping of machine
When the machine is no longer to be used, it must be submitted to a recycling facility for destruction. The majority of the components in the machine can be reused, but it also contains other material that must be taken care of in the correct way. Therefore, never mix the machine or its parts with domestic waste as this may lead to health hazards or damage to the environment.

Entsorgung des Geräts
Wenn das Gerät nicht länger im Gebrauch ist, muss dieses einer Recyclingstation zur Entsorgung zugeführt werden. Viele Komponenten des Geräts sind recyclingfähig, enthalten aber auch Materialien, die vorschriftsmäßig entsorgt werden müssen. Entsorgen Sie daher das Gerät oder Geräteteile niemals im Hausmüll, da dies Gefahren für die Gesundheit oder Umweltschäden nach sich ziehen kann.

Mise au rebut de machine
Lorsque la machine n'est plus utilisée, elle doit être déposée à une installation de recyclage pour y être détruite. La majorité des composants de la machine peuvent être réutilisés mais celle-ci contient également d'autres matériaux qui doivent être traités correctement. C'est pourquoi vous ne devez jamais mélanger la machine ou ses pièces avec les ordures ménagères, risque de polution pour l'environnement ou la santé.

Desguace de la máquina
Cuando la máquina no tenga que utilizarse más, ha de entregarse a una instalación de destrucción para su reciclado. La mayor parte de sus componentes pueden volver a utilizarse, pero consta también de otros materiales que han de ser tratados de la manera correcta. Por esa razón nunca mezclar la máquina ni sus partes con la basura doméstica pues esto podría constituir un peligro para la salud o dañar el medio ambiente.

Bortskaffelse af maskinen
Når maskinen ikke længere er i brug, skal den afleveres til destruktion på en genbrugsstation. Mange dele i maskinen kan genanvendes, men den indeholder også andre materialer, der skal håndteres korrekt. Smid derfor ikke maskinen eller dele af den ud sammen med husholdningens almindelige affald, da det kan være forbundet med sundhedsrisiko eller give miljøskader.

Koneen hävittäminen
Kun konetta ei enää käytetä, se pitää luovuttaa kierrätyskeskukseen tuhottavaksi. Suurinta osaa koneen osista voidaan käyttää uudelleen, mutta se sisältää myös materiaaleja, jotka pitää käsitellä asianmukaisesti. Älä sen vuoksi koskaan laita konetta tai sen osia kotitalousjätteen sekaan, sillä se saattaa aiheuttaa terveysriskejä tai vahinkoa ympäristölle.

Skroting av maskin
Når maskinen ikke lenger skal brukes, må den leveres til en gjenvinningsstasjon for destruksjon. Det går an å gjenbruke mange deler av maskinen, men den inneholder også annet materiale som man må ta hånd om på riktig måte. Legg derfor aldri maskinen eller deler av maskinen i husholdningsavfallet, siden det kan føre til helse- eller miljøskader.

Afdanken van de machine
Als de machine niet langer gebruikt gaat worden, moet deze ter vernietiging worden aangeboden bij een recyclinginrichting. De meeste componenten van de machine kunnen worden hergebruikt, maar hij bevat ook ander materiaal dat op een juiste wijze moet worden behandeld. Daarom de machine of zijn onderdelen nooit bij het huisvuil zetten, want dat kan leiden tot gezondheidsrisico's of schade aan het milieu.

Rottamazione della macchina
Quando la macchina non può più essere utilizzata, deve essere affidata a un centro di riciclaggio che ne effettui la rottamazione. La maggior parte dei componenti della macchina sono riciclabili, ma ce ne sono anche alcuni che devono essere smaltiti in modo appropriato. Perciò, non mischiare mai la macchina o parti di essa con i normali rifiuti domestici, poiché ciò potrebbe comportare rischi per la salute o per l'ambiente.

Złomowanie maszyny
Wycofaną z użytkowania maszynę należy przekazać do zakładu utylizacji w celu złomowania. Większość podzespołów maszyny nadaje się do powtórnego wykorzystania, lecz zawiera ona także inne materiały, z którymi należy postępować w odpowiedni sposób. Z tego powodu niedozwolone jest łączenie maszyny lub jej części z odpadami domowymi, gdyż może to prowadzić do zagrożenia zdrowia lub szkody dla środowiska.

Vyřazení přístroje
Přístroj, který již nebude používán, by měl být odevzdán k likvidaci do ekodvora. Většina součástek přístroje může být opětovně použita, některé ale vyžadují likvidaci přesně daným způsobem. A proto nikdy nemíchejte dohromady přístoje nebo jejich části s domácím odpadem, mohlo by to vést ke zdravotním rizikům nebo k poškození životního prostředí.

Οριστική απόσυρση μηχανήματος
Όταν το μηχάνημα δεν προορίζεται για περαιτέρω χρήση, θα πρέπει να οδηγείται σε εγκατάσταση ανακύκλωσης για καταστροφήΤο μεγαλύτερο ποσοστό των εξαρτημάτων του μηχανήματος μπορεί να χρησιμοποιηθεί ξανά, αλλά το μηχάνημα περιλαμβάνει και άλλα υλικά η διαλογή των οποίων θα πρέπει να πραγματοποιείται με τον κατάλληλο τρόποΚατά συνέπεια, μην αναμιγνύετε ποτέ το μηχάνημα ή τα εξαρτήματά του με οικιακά απορρίμματα καθώς αυτό μπορεί να αποβεί επικίνδυνο για την υγεία ή επιβλαβές για το περιβάλλον.

Art. No. 438 9041-90 / 06.21

Thinking of you

Electrolux

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Share more of our thinking at www.electrolux.com