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Document valid for V 1.05
for models DHS-10-14-18-27-40-60-120 MAX

IMPORTANT NOTE: When an “MAX” (blank) display plate is installed, as soon as the machine is started, a code will be requested. The code is 2470. Next, select the washer extractor model as shown in point 2.5 of the configuration menu.

1. MAIN MENU - MAINTENANCE

With the washing machine switched on and without running any programmes, press the INFO key and the following screen is displayed:

DELAY PROGRAM . PROGRAMMING CONFIGURATION MAINTENANCE			
ESC	▲	▼	ENTER

Press the DEC (▼) key until reaching the MAINTENANCE option and, then press ENTER:

The following screen is displayed, with the first zero flashing, requesting an access code.

ENTER CODE 0000			
ESC	▲	▼	>>

Enter the code “**1357**” using the INC (▲) and ADVANCE (>>) arrows.

ENTER CODE			
1357			
ESC	▲	▼	>>

Next, press the ENTER key to enter the maintenance menu:

INPUTS OUTPUTS STATISTICS SERIAL NUMBER.			
ESC	▲	▼	ENTER

Maintenance menú.

Press the DEC (▼) key to view more options in the MAINTENANCE menu.

FOLLOW UP CODE FACTORY PARAMS INITIAL MESSAGE ALARMS			
ESC	▲	▼	ENTER

Maintenance menú.

1.1 INPUTS

With the above “maintenance menu” displayed, press the DEC (▼) or INC (▲) key, until reaching the INPUTS option; press ENTER to view the state of the inputs:

INPUTS OUTPUTS STATISTICS SERIAL NUMBER.			
ESC	▲	▼	ENTER

Door closed	YES
Door blocked	NO
Free input 1	NO
Thermal motor	NO
Thermostat	NO
Free input 2	NO
ESC	⌘

Use the DEC (⬇) key to access the following input screen:

Free input 3	NO		
Unbalanced	NO		
Free input 4	NO		
Free input 5	NO		
Free input 6	NO		
Free input 7	NO		
ESC	␣	␣	

Use the DEC (⬇) key to access the following input screen:

On this screen, press the START key and the level is reset to zero.

Temperature		Cold	
Level		0 mm	
START LEVEL AT ZERO			
ESC	⬆	⬇	START

IMPORTANT:

It is important to remember that whenever the display plate is replaced, the level should be reset to zero by pressing Start, as shown in the above display.

The minimum temperature which thermostat detects is 20 degrees.

These screens can be used to check the status of the different inputs to the relay input-output plate. For example:

If “Door closed YES” is displayed, this means that the relay input-output plate has detected that the microswitch for door closed is activated.

The inputs connected to the plate correspond to the following names on the electrical diagram:

- Door closed: (Ip)
- Door blocked: (Ipb)
- Free input 1: No connection. Free.
- Thermal motor: (TM)
- Thermostat (Safety thermostat): (Isc)
- Free input 2: No connection. Free.

- Free input 3: No connection. Free.
- Unbalanced: (Ides).
- Free input 4: No connection. Free.
- Free input 5: No connection. Free.
- Free input 6: No connection. Free.
- Free input 7: No connection. Free.

Press the ESC key to return to the maintenance screen.

The status of the machine's different inputs can be viewed using the above method or they can be viewed directly.

On the rear of the relay input-output plate are some red LEDs. See figures n°1 and n°2. If the LED corresponding to an input is lit, this means that the input is activated.

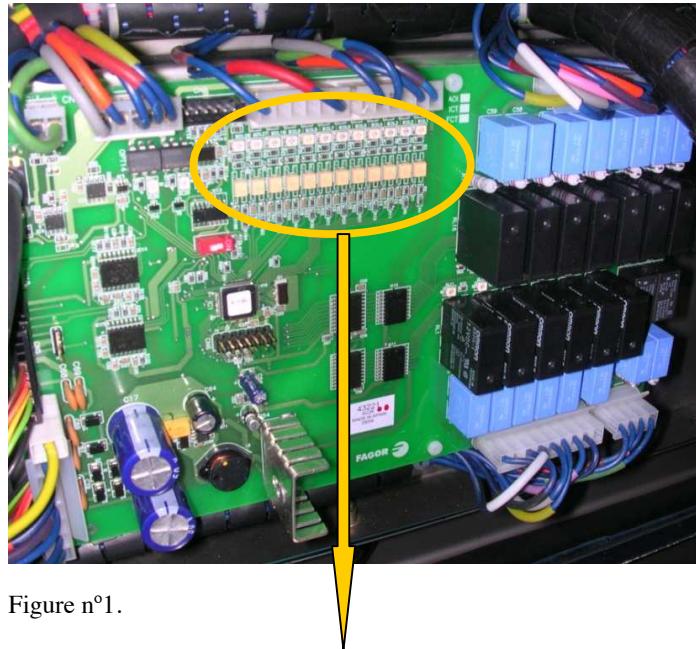


Figure n°1.

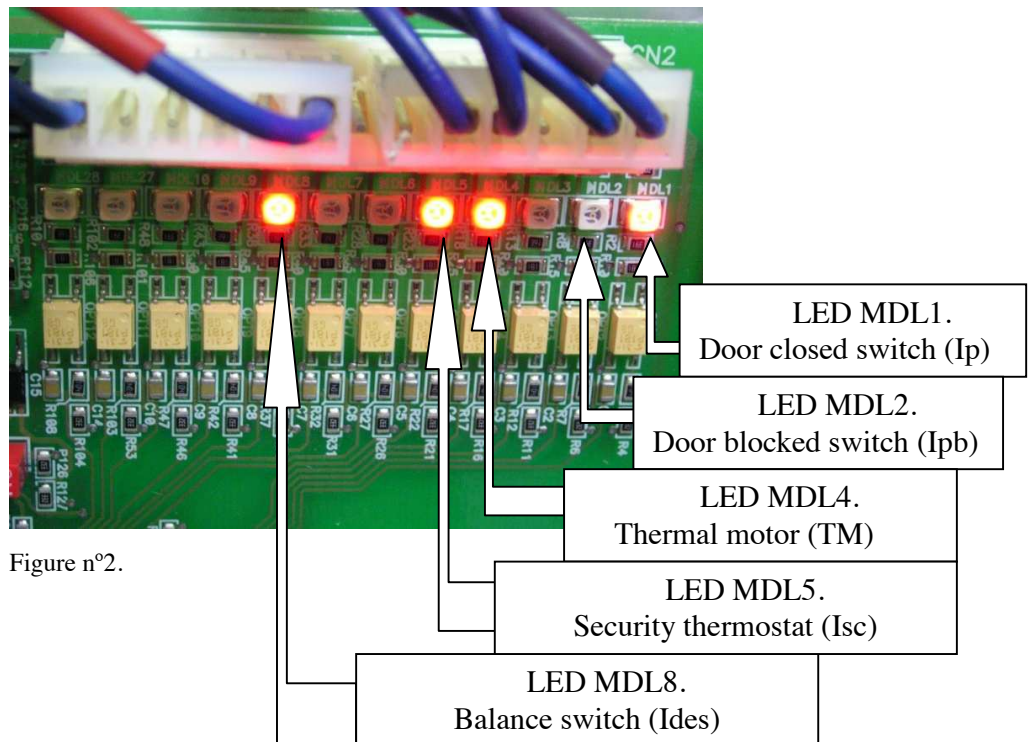


Figure n°2.

1.2 OUTPUTS

With the “maintenance menu” displayed (see page n°3), press DEC (▼) or INC (▲) until OUTPUTS is displayed, then press ENTER to view the status of the outputs in the output menu.

INPUTS OUTPUTS STATISTICS SERIAL NUMBER.			
ESC	▲	▼	ENTER

Use the DEC (▼) key to access the following screen:

Hot water	NO		
Cold water	NO		
Decalcified water	NO		
Drain	NO		
Heating	NO		
Inverter	NO		
ESC	▲	▼	START

Use the DEC (▼) key to access the following screen:

Door locked	NO		
Unlock	NO		
Dispenser 1	NO		
Dispenser 2	NO		
Dispenser 3	NO		
Dispenser 4	NO		
ESC	⬆	⬇	START

Use the DEC (▼) key to access the following screen:

Dispenser 5	NO		
Dispenser 6	NO		
Dispenser 7	NO		
Drain 2	NO		
ESC	▲	▼	START

Press the ESC key to return to the maintenance screen.

These screens can be used to manually activate and check the status of the different outputs from the relay input-output plate. For example:

If “Hot water NO” is displayed, and the “START” key is pressed, the hot water solenoid valve is activated, and “Hot water YES” is displayed. This allows the status of each component to be activated and checked. In the version V1.02, to deactivate the hot water electrically operated valve, press the “STOP” key.

The outputs connected to the plate correspond to the following names on the electrical diagram:

- Hot water electrically operated valve: (e2)
- Cold water electrically operated valve: (e1)
- Decalcified water electrically operated valve: (e7)
- Drainage valve: (VAC)
- Heating contactors in electric heating (CT) or steam valve in steam heating (e11) .
- Inverter contactor: (CVF)

- Door locked: (Ep) Door electromagnet activated.
- Door unlocked: (Ep) Door electromagnet deactivated.
- Dispenser 1: (Dispenser point 1) (Sweeps prewash drawer)
- Dispenser 2: (Dispenser point 2) (Sweeps wash drawer)
- Dispenser 3: (Dispenser point 3) (Sweeps bleach drawer)
- Dispenser 4: (Dispenser point 4) (Sweeps softener drawer)

- Dispenser 5: (Dispenser point 5)
- Dispenser 6: (Dispenser point 6)
- Dispenser 7: (Dispenser point 7)
- Drain n°2: Optional drainage valve n°2 (VAC 2)

In addition to checking the status of the machine outputs in this way, it is also possible to check whether the input-output plate activates the relay corresponding to each component.

On the rear of the relay input-output plate are some black relays. See figures n°3 and n°4. Each relay activates an output; when the relay is activated, the red LED for each relay also lights up.

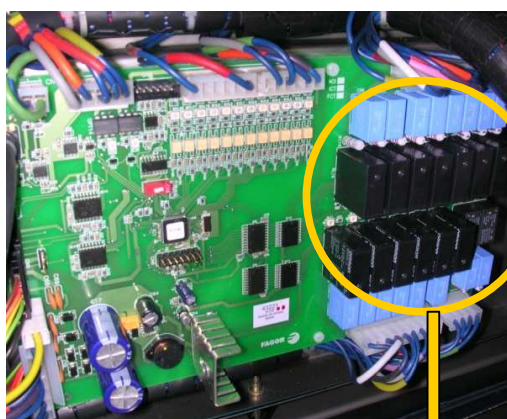
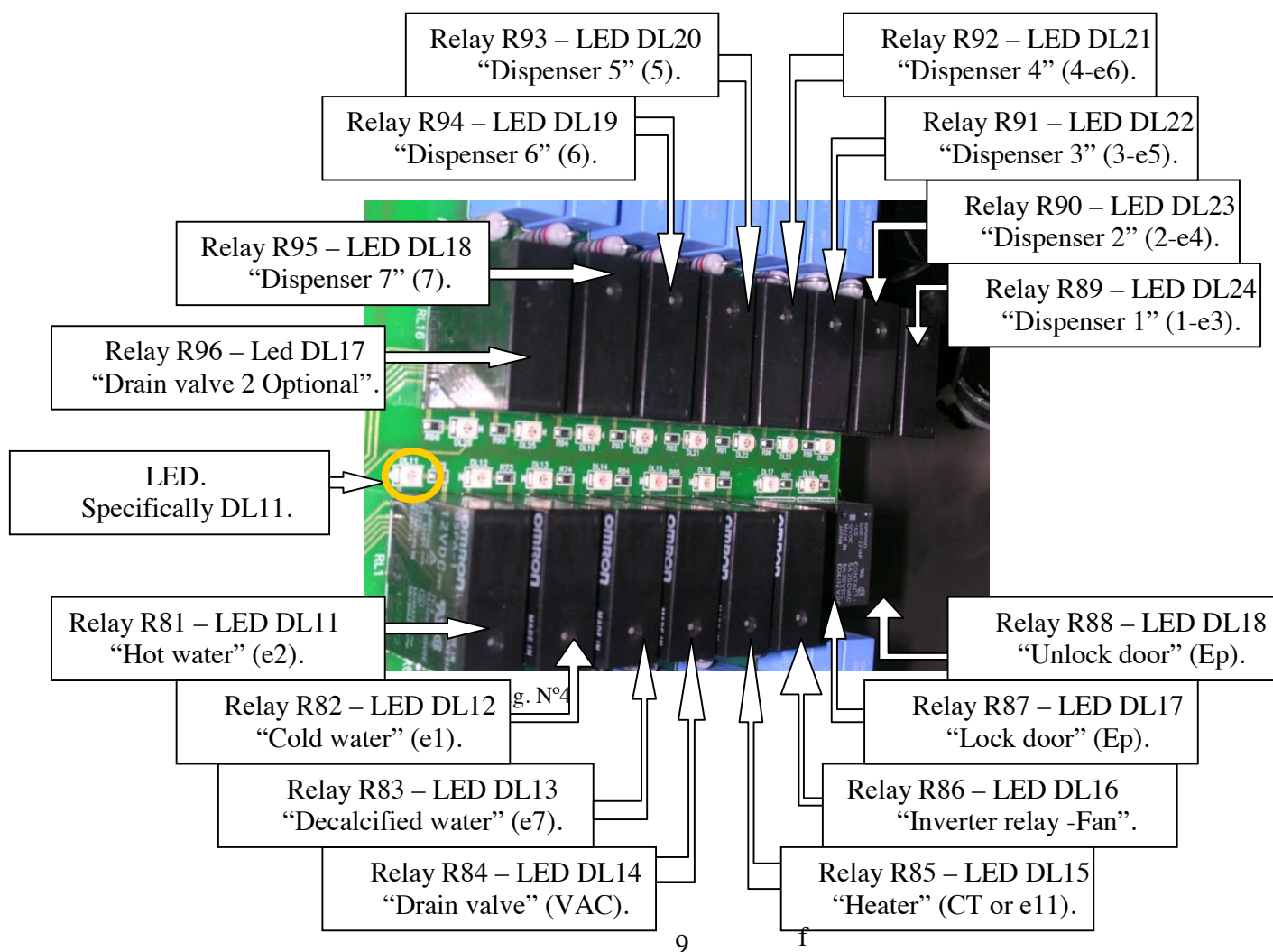


Figure n°3.



The different outputs with the corresponding relays and LEDs are listed below.

	Symbol	Relay number	LED number
Hot water solenoid valve	e2	R81	DL11
Cold water solenoid valve	e1	R82	DL12
Decalcified water solenoid valve	e7	R83	DL13
Drainage valve	VAC	R84	DL14
Heater contactors	CT	R85	DL15
Fan-Inverter relay	e11 VM-CVF	R86	DL16
Dispenser 1 (Empties prewash drawer)	1 – e3	R89	DL24
Dispenser 2 (Empties wash drawer)	2 – e4	R90	DL23
Dispenser 3 (Empties bleach drawer)	3 – e5	R91	DL22
Dispenser 4 (Empties softener drawer)	4 – e6	R92	DL21
Dispenser 5	5	R93	DL20
Dispenser 6	6	R94	DL19
Dispenser 7	7	R95	DL25
Drainage valve n°2	VAC2	R96	DL17
Electromagnet for unlocking door	Ep	R88	DL18
Drain valve 2	Vac2	R96	DL26
Electromagnet for locking door	Ep	R87	DL17

The output-relay plate has two mini-relays (with the corresponding LEDs) which control the frequency converter to power the motor.

Figures 5 and 6 show the mini-relays and their location.

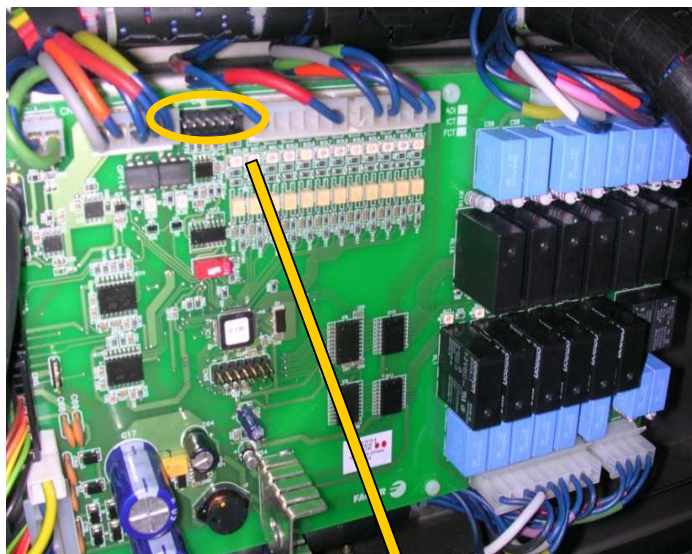


Figure n°5.

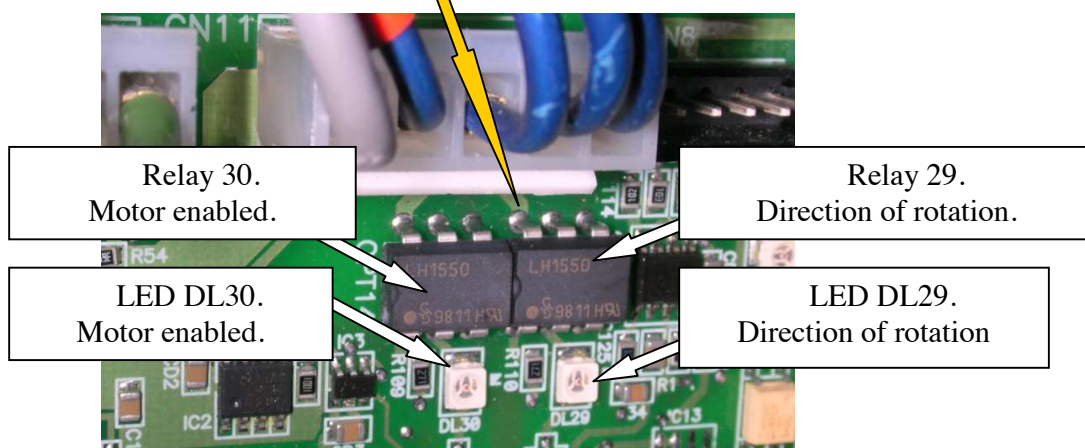


Figure n°6.

Mini-relay 30 enables the converter to supply the motor. Whenever the motor rotates, the mini-relay should be activated and LED DL30 lit.

Mini-relay 29 controls the direction of rotation through the converter.

-When the mini-relay is activated and LED DL29 lit, the motor should turn clockwise viewed from the front of the washing machine.

-When the mini-relay is not activated and LED DL29 is not lit, the motor should turn anticlockwise viewed from the front of the washing machine.

1.3 Statistics

With the “maintenance menu” displayed (see page nº3), press DEC (▼) or INC (▲) until STATISTICS is displayed, then press ENTER to view the statistics menu.

INPUTS OUTPUTS STATISTICS SERIAL NUMBER.			
ESC	▲	▼	ENTER

- 1.3.1 To view the cycles performed by the washing machine press ENTER in CYCLES:

Cycles Hours Faults Spins			
ESC	▲	▼	ENTER

Statistics menú.

- Press the “start” key to reset the partial value of the cycles, i.e. to set the meter to zero.

Total:		0	
Partial:		0	
ESC			START

- Press the ESC key to return to the statistics screen.

1.3.2 To view the washer extractor hours of operation, press DEC (v) or INC (^) in the statistics menu until reaching HOURS and then press ENTER to view the Hours menu:

Cycles			
Hours			
Faults			
Spins			
ESC	^	v	ENTER

- Press the “start” key to reset the partial value of the machine operating hours, i.e. to set the meter to zero.

Total:		0	
Partial:		0	
ESC			START

Press the ESC key to return to the statistics screen.

1.3.3 To view the alarms displayed by the programmer and thus the faults which have occurred in the washing machine, press DEC (v) or INC (^) in the STATISTICS menu until reaching FAULTS and then press ENTER to view the FAULTS menu:

Cycles			
Hours			
Faults			
Spins			
ESC	^	v	ENTER

- Press the “start” key to reset the partial value, i.e. to set each of the error meters to zero.

Partial:			
E1 Close door			0
E2 Lock door			0
E3 Drain			0
E4 Inlet water			0
E5 Heat			0
ESC	^	>>	START

- Press the “(v)” key to view the following partial fault screen.

Partial:			
E6 Max.Temp.			0
E7 Thermostat			0
E8 Safety level			0
E9 Motor heat			0
E10 Unbalance			0
ESC	^	>>	START

- Press the “(v)” key to view the following partial fault screen.

Partial:			
E11 Clothes hot			0
E12 Water tub			0
E13 Com. error			0
ESC	^	>>	START

- **Press the “>>” key to display the total faults menu, this menu can not be reset.**

Total:			
E1 Close door			0
E2 Lock door			0
E3 Drain			0
E4 Inlet water			0
E5 Heat			0
E6 Max.Temp.			0

E7 Thermostat	0		
E8 Safety level	0		
E9 Motor heat	0		
E10 Unbalance	0		
E11 Clothes hot	0		
E12 Water tub	0		
E13 Com. error	0		
ESC	^	>>	START

- Press “ESC” to return to the statistics menu.

1.3.4 To view the **spins** performed by the machine, in the STATISTICS menu, press DEC (▼) or INC (Λ) until reaching **spins**.

Cycles			
Hours			
Faults			
Spins			
ESC	Λ	▼	ENTER

Press ENTER again to view the **Partial spins menu**:

Partial:			
Spin. 300		0	
Spin. 350		0	
Spin. 400		0	
Spin. 450		0	
Spin. 500		0	
ESC	v	>>	START

- Press DEC (▼) to view the following screen.

Partial:			
Spin. 550			0
Spin. 600			0
Spin. 650			0
Spin. 700			0
Spin. 750			0
ESC	v	>>	START

- Press DEC (v) to view the last screen.

Partial:			
Spin. 800			0
Spin. 850			0
Spin. 900			0
Spin. 950			0
Spin. 1000			0
ESC	v	>>	START

- Press the “start” key to reset the partial values, i.e. to set the values to zero.
- Press “ESC” to return to the statistics menu.
- Press “>>” to view the total faults menu.

Total:			
Spin. 300			0
Spin. 350			0
Spin. 400			0
Spin. 450			0
Spin. 500			0
ESC	v	>>	

- Press DEC (v) to view the following screen.

Total:			
Spin. 550			0
Spin. 600			0
Spin. 650			0
Spin. 700			0
Spin. 750			0
ESC	v	>>	

- Press DEC (v) to view the last screen.

Total:			
Spin. 800			0
Spin. 850			0
Spin. 900			0
Spin. 950			0
Spin. 1000			0
ESC	v	>>	

- Press DEC (v) to view the first total spin screen. Press “ESC” to return to the statistics menu. Press “>>” to view the partial spin menu again.

1.4 Serial Number.

With the “maintenance menu” on the display (see page n°3), press DEC (v) or INC (Λ) until reaching SERIAL NUMBER.

INPUTS			
OUTPUTS			
STATISTICS			
SERIAL NUMBER.			
ESC	Λ	v	ENTER

- Next press ENTER to view the SERIAL NUMBER for the machine:

Serial Number:			
70000			
ESC	▲	▼	>>

- Press “ESC” to return to the maintenance menu.

1.5 **Follow-up code**

With the “maintenance menu” on the display (see page n°3), press DEC (▼) or INC (▲) until reaching FOLLOW UP CODE which is followed by SERIAL NUMBER.

OUTPUTS STATISTICS SERIAL NUMBER. FOLLOW UP CODE			
ESC	▲	▼	ENTER

- Next press ENTER to view the FOLLOW-UP CODE of the machine:

Follow-up code:			
8054			
ESC	▲	▼	>>

- Press “ESC” to return to the maintenance menu.

1.6 Factory parameters:

IMPORTANT NOTE: When resetting the factory parameters described below, remember that all the programmes previously stored will be erased together with any modifications such as changes to level etc. In other words, the plate will be as when it arrives from the factory.

With the “maintenance menu” on the display (see page n°3), press DEC (▼) or INC (▲) until reaching FACTORY PARAMETERS, which is followed by FOLLOW-UP CODE.

STATISTICS SERIAL No. FOLLOW UP CODE FACTORY PARAMS			
ESC	▲	▼	ENTER

- Next press ENTER. After pressing ENTER you will be asked for a code.

ENTER CODE 0000			
ESC	▲	▼	ENTER

- Use DEC (▼) or INC (▲) to change the values of the numbers and use “>>” to change from one digit to the next. **The code which should be entered is 4321**

ENTER CODE 4321			
ESC	▲	▼	ENTER

- After entering the code, press ENTER. Next, the text “FACTORY PARAMETERS RESTORED” is displayed.

FACTORY PARAMETERS RESTORED			
			ENTER

- Then press ENTER to confirm the restoration of the factory parameters.
- The display card will reset (new programs created, configuration model, water levels, etc...)

1.7 Initial message

With the “maintenance menu” on the display (see page n°3), press DEC (v) or INC (Λ) until reaching INITIAL MESSAGE, which is followed by Factory Parameters.

SERIAL No. FOLLOW UP CODE FACTORY PARAMETER INITIAL MESSAGE			
ESC	Λ	v	ENTER

- Next press ENTER.

Initial message: NO YES			
ESC		v	ENTER

- Press “v” to select YES or NO, and confirm by pressing ENTER. If “Initial Message” YES is selected, when the machine is switched on, the screen will display the word DOMUS, followed by the washer extractor model and the programmer software version. If “Initial Message” NO is selected, when the machine is switched on, the screen will only display the washer extractor model and the programmer software version.

- Press “ESC” to return to the maintenance menu.

1.8 Alarms

With the “maintenance menu” on the display (see page n°3), press DEC (v) or INC (Λ) until reaching ALARMS, which is followed by Initial Message.

FOLLOW UP CODE FACTORY PARAMS INITIAL MESSAGE ALARMS			
ESC	Λ	v	ENTER

- Next press ENTER. After pressing ENTER you will be asked for a code.

ENTER CODE 0000			
ESC	Λ	v	>>

- **The code is “0999”, which is entered using the “Λ” and “v” keys to increase or decrease the figures in the code and “>>”, to move from one digit to the next. After the code has been entered, press ENTER.**

ENTER CODE 0999			
ESC	Λ	v	ENTER

- After pressing ENTER, the possible errors which can be cancelled are displayed.

E4 Inlet Water		YES	
E5 Heat		YES	
E8 Safety level		YES	
ESC	▲	▼	ENTER

- Use DEC (▼) or INC (▲) to move from one ERROR to another. Press ENTER to confirm cancellation of the alarm, going from YES to NO, or vice versa.

* When the error “E4 Inlet water” intake is cancelled (E4 inlet water NO), this means that although the machine detects that the pre-established time for a change in the water level has been exceeded, it is not displayed through the error “E4”.

* When the error “E5 heat” is cancelled (E5 heat NO), this means that although the machine detects that there has not been a temperature change within the pre-established time, it does not display this through the error “E5”.

* When the error “E8 safety level” is cancelled (E8 safety level NO), this means that although the machine detects that the water level in the tub has exceeded the established safety level, it does not display this through the error “E8”.

- Press “ESC” to return to the maintenance menu.

1.9 Parameters

With the “maintenance menu” on the display (see page n°3), press DEC (v) or INC (Λ) until reaching PARAMETERS, which is followed by Alarms.

FACTORY PARAMS INITIAL MESSAGE ALARMS PARAMETERS			
ESC	Λ	v	ENTER

- Next press ENTER. After pressing ENTER you will be asked for a code.

ENTER CODE 0000			
ESC	Λ	v	>>

The code for ‘PARAMETERS’ is not included in this manual. In this menu is possible to change the pre-distribution speed of the machine. This parameter have to be modified only in the factory. The manipulation of these parameters can provoke that some components damage or break.

2. MAIN MENU - CONFIGURATION

IMPORTANT NOTE: When an “MAX” (blank) display plate is removed, as soon as the machine is started, a code will be requested. The code is 2470. Next the washing machine model should be selected as described in point 2.5.

With the washing machine switched on, while in the programme menu, and without running any programmes, press the INFO key and the following screen is displayed:

DELAY PROGRAM. PROGRAMMING CONFIGURATION MAINTENANCE			
ESC	⬆	⬇	ENTER

Press the DEC (⬇) key until reaching the CONFIGURATION option and, then press ENTER to access the next configuration menu:

OPTIONS LANGUAGE WET CLEANING °C/°F			
ESC	⬆	⬇	ENTER

Configuration Menu.

- Press “⬇” to move from one option to the next until reaching the option, MODEL, which is followed by “°C/°F”.

LANGUAGE WET CLEANING °C/°F MODEL			
ESC	⬆	⬇	ENTER

Configuration Menu.

- Press “ESC” to return to the main menu.

2.1.- OPTIONS:

With the “configuration menu” on the display (see page nº23), press DEC (▼) or INC (▲) until reaching OPTIONS.

OPTIONS LANGUAGE WET CLEANING °C/°F			
ESC	▲	▼	ENTER

- Next press ENTER. After pressing Enter, the following OPTIONS menu is displayed.

CONTRAST DOUBLE DRAINING CANCEL ADVANCE RESTRICTED ACCESS			
ESC	▲	▼	ENTER

- Use DEC (▼) or INC (▲) to move from one option to the next, and after the RESTRICTED ACCESS option, another two options are displayed such as CHANGE LEVELS ,LAUNDRY MESSAGE, THERMAL STOP AND OPTIMAL COMSUMPTION, as shown in the following display.

ELIMINATE ADVANCE RESTRICTED ACCESS CHANGE LEVELS LAUNDRY MESSAGE. THERMAL STOP OPT. CONSUMPTN			
ESC	▲	▼	ENTER

- Press “ESC” to return to the configuration menu.

2.1.1 CONTRAST:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select CONTRAST and then press ENTER.

ADJUST CONTRAST.....			
ESC	▲	▼	ENTER

Use the INC (▼) and DEC (▲) keys to change the display contrast. Press ENTER to confirm the new contrast setting, and press ESC to return to the OPTIONS menu.

2.1.2 DOUBLE DRAINAGE:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select DOUBLE DRAINING and then press ENTER.

DOUBLE DRAINING YES NO			
ESC		▼	ENTER

Use DEC (▼) to move from YES to No or vice versa. Press ENTER in YES to confirm the DOUBLE DRAINING option, after confirming that the machine has this option. Press ESC to return to the OPTIONS menu.

2.1.3 CANCEL ADVANCE:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select CANCEL ADVANCE and then press ENTER.

Canc. Advance? NO YES			
ESC		v	ENTER

Use DEC (v) to move from YES to No or vice versa. Press ENTER on YES to confirm the option CANCEL ADVANCE, which means that when a programme is running and if the advance has been cancelled, it is not possible to pass from one phase to the next. Press ESC to return to the OPTIONS menu.

2.1.4 RESTRICTED ACCESS

In the menu OPTIONS, use DEC (v) or INC (Λ) to select RESTRICTED ACCESS and then press ENTER.

RESTRICT ACCESS NO YES			
ESC		v	ENTER

Use DEC (v) to move from YES to No or vice versa. Press ENTER on YES to automatically access. The next screen which will request a code.

ENTER CODE 0000			
ESC		v	>>

The code is selected by the user, and should always consist of four digits which are entered using the “Λ” and “v” keys, to increase or decrease the value of the code and “>>” to move from one digit to the next. After entering the four digit code press ENTER as shown in the next screen.

Example:

ENTER CODE			
2222			
ESC		v	ENTER

After pressing ENTER, the same code is requested again as shown on the next screen.

REPEAT CODE			
0000			
ESC	^	v	ENTER

After re-entering the code selected by the user (in the example “2222”), press ENTER to confirm the RESTRICTED ACCESS option.

This means that after confirming the restricted access, if either CONFIGURATION, MAINTENANCE, PROGRAMMING or STATISTICS are selected in the main menu (see page 21), the display will request an access code; this code is selected by the user. In the case of the above example, the code is “2222”, then press ENTER to confirm it. In this way it is possible to access the configuration menu again.

IMPORTANT NOTE: If the user can not remember the code entered (E.g. 2222), a master code is available which can be used to enter the CONFIGURATION, MAINTENANCE, PROGRAMMING and STATISTICS menus in the same way. This code is “2345”.

Press ESC to return to the OPTIONS menu.

2.1.5 CHANGE LEVELS:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select CHANGE LEVELS.

DOUBLE DRAINING ELIMINATE ADVANCE RESTRICTED ACCESS CHANGE LEVELS			
ESC	▲	▼	ENTER

Then press ENTER to enter the levels menu.

* The example in the table below is for the DHS-18 MAX model.

Minimum :	85mm		
Low :	115mm		
Medium :	145mm		
High :	175mm		
Maximum :	240mm		
RESET LEVELS			
ESC	▲	▼	ENTER

The pre-established water levels for the washing machine can be modified within certain limits. The levels depend upon the washer extractor model. A safety level of 60mm is established for all models. Levels may only be modified at most to the minimum value of the next level, and at minimum to the maximum value of the previous level.

Use DEC (▼) or INC (▲) to move from one level to another. Press ENTER to access the level modification screen as shown in the following screen.

CHANGE LEVELS			
MEDIUM		135mm	
ESC	▲	▼	ENTER

At the end of the levels screen if DEC (▼) or INC (▲) are used to select “**Reset Levels**” and then Enter is pressed to confirm the reset value, all the modified level values are changed to the default values.

Minimum :	85mm		
Low :	115mm		
Medium :	145mm		
High :	175mm		
Maximum :	240mm		
Reset Levels			
ESC	▲	▼	ENTER

Press ESC to return to the LEVELS menu and then press again to return to the OPTIONS menu.

2.1.6 LAUNDRY MESSAGE:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select LAUNDRY MESSAGE.

ELIMINATE ADVANCE RESTRICTED ACCESS CHANGE LEVELS LAUNDRY MESSAGE			
ESC	▲	▼	ENTER

Then press ENTER to display the confirmation screen.

LAUNDRY MESSAGE			
NO YES			
ESC	▲		ENTER

If this option is selected, the machine can be programmed with a welcome message including for example the name of the laundry, the technical assistance telephone number etc. This message appears with the model and software version when the machine is switched on.

The INC (▲) and DEC (▼) keys change the character selected and the “>>” ADVANCE key selects the character to be modified. Press ENTER to confirm the text of the message, automatically going to OPTIONS.

Use DEC (▼) or INC (▲) to change from YES to NO and press ENTER to confirm. Press ENTER on YES to go to the screen for the text to be entered.

LAUNDRY MESSAGE			
A			
▲	▼	>>	ENTER

2.1.7 THERMAL STOP:

In the menu OPTIONS, use DEC (▼) or INC (▲) to select THERMAL STOP.

RESTRICTED ACCESS			
CHANGE LEVELS			
LAUNDRETTE MESS			
THERMAL STOP			
OPT.COMSUMPTN			
ESC	▲	▼	ENTER

Then press ENTER to display the confirmation screen.

THERMAL STOP:			
NO			
YES			
ESC	▲		ENTER

When the THERMAL STOP is activated (Thermal Stop YES) the phase time does not start to run until the programmed temperature is reached in order to ensure a correct wash. This can be deactivated so that the time will start to run from the moment the programmed level is reached. Thermal Stop “YES” activates this and

Thermal Stop “NO” deactivates it. By default it is activated. If this is deactivated, never will be activated, even if the thermal stop switch is programmed in new programming blocks.

Use DEC (▼) or INC (▲) to change from YES to NO and press ENTER to confirm. Press ENTER on NO to confirm the deactivation of the thermal stop.

Press ESC to return to the OPTIONS menu.

2.1.8 OPTIMAL CONSUMPTION

In the menu OPTIONS, use DEC (▼) or INC (▲) to select OPTM CONSUMPTN.

ELIMINATE ADVANCE RESTRICTED ACCESS CHANGE LEVELS LAUNDRY MESSAGE. THERMAL STOP OPT. CONSUMPTN			
ESC	▲	▼	ENTER

Then press ENTER to display the confirmation screen.

OPT.CONSUMPTN: NO YES			
ESC	▲		ENTER

When the OPT.CONSUMPTN is activated, the washing machine uses detergent (all kind), depending on the Kg of dirty laundry put in the washing machine.

Use DEC (▼) or INC (▲) to change from YES to NO and press ENTER to confirm. Press ENTER on NO to confirm the deactivation of the optimal consumption.

Press ESC to return to the OPTIONS menu.

2.2.- LANGUAGE:

With the “configuration menu” on the display (see page nº23), press DEC (▼) or INC (▲) until reaching LANGUAGE.

OPTIONS LANGUAGE WET CLEANING °C/°F			
ESC	▲	▼	ENTER

- Next press ENTER. After pressing Enter, the following LANGUAGE menu is displayed.

SPANISH FRENCH ENGLISH ITALIAN PORTUGUESE			
ESC	▲	▼	ENTER

Use DEC (▼) or INC (▲) to move from one language to another. The languages available are: SPANISH, FRENCH, ENGLISH, ITALIAN, PORTUGUESE, GERMAN, TURKISH, POLISH, RUSSIAN, CZECH AND USER. Press ENTER to confirm the language.

GERMAN TURKISH POLISH RUSSIAN CZECH USER			
ESC	▲	▼	ENTER

- Press ESC to return to the CONFIGURATION menu.

2.3 WET CLEANING:

With the “configuration menu” on the display (see page n°23), press DEC (▼) or INC (▲) until reaching WET CLEANING.

OPTIONS LANGUAGE WET CLEANING °C/°F			
ESC	▲	▼	ENTER

- Next press ENTER. After pressing Enter, the following confirmation menu is displayed.

WET CLEANING: NO YES			
ESC	▲		ENTER

Do NOT activate this option unless you are sure of how it works.

When the WET CLEANING option is activated, the following options are available:

1-Possibility to dispense detergent while machine is running. Press INFO when the machine is running a programme and a new menu will appear, MANUAL DISPENSING, as shown in the tables below. This enables any dispenser input or water input to be manually controlled. **Please note that nothing may be added during the spin cycles.**

Program:		1	
WHITES		90°C	
Pre-wash		40 °C	
Filling...			
INFO	▲	▼	ENTER

Programme running

Press INFO to access the menu containing the option MANUAL DISPENSING. Next use DEC (▼) or INC (▲) to go to the option MANUAL DISPENSING (the first option) and press ENTER to access the dispenser menu.

MANUAL DISPENSING SEE INPUTS SEE OUTPUTS SETTINGS TRUE VALUES			
INFO	▲	▼	ENTER

In the “manual dispenser” menu, use DEC (▼) or INC to select the required dispenser and press START to activate. To deactivate the dispenser press START again.

NOTE: It is important to be familiar with the WET CLEANING system, as the manual dispensing system should only be used with specific drum movement times and rates, such as speeds of between 15 rpm and 30 rpm and rates of 2 seconds running and 2 seconds stopped. The rates can be programmed with a minimum time of up to 1 second in order to achieve the required “rocking” effect.

The rates and speeds should be programmed using the programming menu.

Dispenser 1		NO	
Dispenser 2		NO	
Dispenser 3		NO	
Dispenser 4		NO	
ESC	▲	▼	ENTER

Manual dispenser menu.

Use DEC (▼) or INC (▲) to display the following dispenser options.

Dispenser 5		NO	
Dispenser 6		NO	
Dispenser 7		NO	
Cold water		NO	
ESC	▲	▼	ENTER

Manual dispenser menu.

Use DEC (▼) or INC (▲) to display the following dispenser options.

Dispenser 7	NO		
Cold water	NO		
Hot water	NO		
Decalcified water	NO		
ESC	▲	▼	ENTER

Manual dispenser menu.

Press ESC to return to the main menu.

2.4 °C/°F:

With the “configuration menu” on the display (see page n°23), press DEC (▼) or INC (▲) until reaching °C/°F.

OPTIONS			
LANGUAGE			
WET CLEANING			
°C/°F			
ESC	▲	▼	ENTER

Next press ENTER. After pressing Enter, the following is displayed.

SELECT DEGREES: °C °F			
ESC		v	ENTER

Use DEC (▼) or INC (▲) to switch from ° C (Celsius) to °F (Fahrenheit) or vice versa. Press ENTER to confirm the mode of the water temperature reading.

- Press ESC to return to the CONFIGURATION menu.

2.5 MODEL:

With the “configuration menu” on the display (see page n°23), press DEC (▼) or INC (▲) until reaching MODEL, which is followed by °C/°F.°.

LANGUAGE WET CLEANING °C/°F MODEL			
ESC	▲	▼	ENTER

Next press ENTER. After pressing Enter, the following is displayed and a code is requested.

CODE: 0000			
ESC	▲	▼	ENTER

CODE: 2470			
ESC	▲	▼	ENTER

The INC (▲) and DEC (▼) keys change the character selected and the “>>” ADVANCE key selects the character to be modified. The code is “**2470**”. Press ENTER after the code “**2470**” has been entered to enter the model menu, as shown in the following screens.

DHS-10 MAX DHS-14 MAX DHS-18 MAX DHS-27 MAX			
ESC	▲	▼	ENTER

Press DEC (▼) to display the following washing machine models.

DHS-27 MAX DHS-40 MAX DHS-60 MAX DHS-120 MAX			
ESC	▲	▼	ENTER

After selecting the washing machine model, press ENTER to confirm the selection, and then it appears the following screen in which it is selected the heating mode of the washing machine.

ELECTRICAL HOT WATER STEAM			
	▲	▼	ENTER

The INC (▲) and DEC (▼) keys change the type of heating of the washing machine.

Next press ENTER to confirm it. After pressing Enter, the following screen is displayed

OPTIONS LANGUAGE WET CLEANING °C/°F			
ESC	▲	▼	ENTER

- Press ESC to return to the CONFIGURATION menu.

- Press ESC again to return to the PROGRAMMES menu.