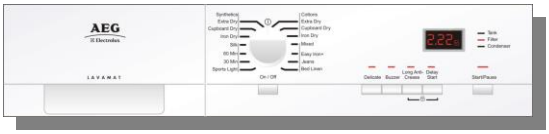
Electrolux

Distriparts

SERVICE MANUAL

TUMBLE DRYER



Condensation tumble dryer

New Collection Series 6 / 7 / 8

Demo / Diagnostics / Alarms

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SOE

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EN

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1 Safety and Installation

1.1 Safety measures

WARNING

- ⇨ All the work to be performed inside the appliance requires specific skills and knowledge and may only be carried out by qualified and authorised service engineers.
- ⇨ Always unplug the appliance before intervening on any internal components.
- ⇨ Some of the components in the mechanical part could cause injuries, so wear suitable protection and proceed with caution.

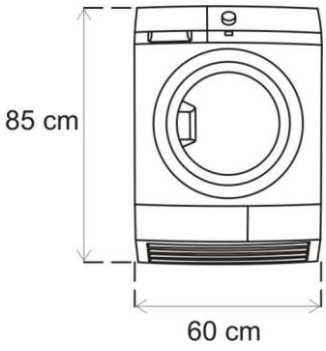
1.2 Installation

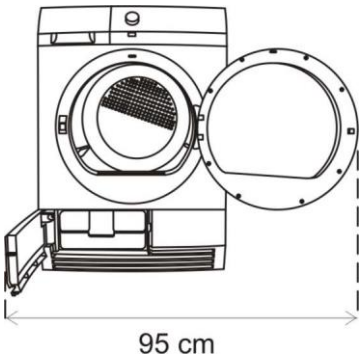
Adjust the four feet so that the appliance is installed perfectly level (using a spirit level), to allow for the correct flow of condensation water into the purpose-provided tank.

The feet must never be removed. A gap must always be left between the bottom of the tumble dryer and the floor to prevent the appliance from overheating.

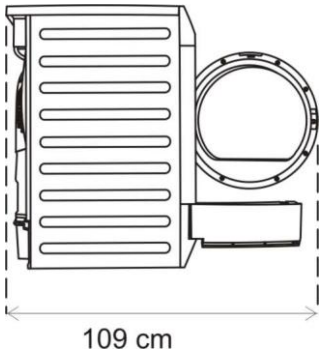
2 Technical characteristics

Power supply voltage	230 V	
Power supply frequency	50 Hz	
Power absorption during drying phase	2800 W	2200 W
Power absorption during cooling phase	200 W	200 W
Maximum power absorption	2800 W	2200 W
Drum volume	108 litres	
Foot adjustment	+1.5 cm	
Weight	approx. 40 kg	
Operating temperature	+5 °C/+35 °C	





Height	85 cm
Width with door closed	60 cm
Width with door open	95 cm



Depth with door closed	61 cm
Depth with door open	109 cm

2.1 Power supply management

Depending on the characteristics of the main circuit board, and irrespective of the model, the appliance can be completely cut off from the mains, or alternatively set to a special, lower energy consumption mode.

When the 0 Watt power supply circuit is inserted in the main circuit board, the appliance consumption is automatically cut to 0.

Without this circuit, for users to get a power absorption of 0 (zero) Watts, they have to cut off the electricity supply by unplugging the appliance.

In either case, the user interface behaviour is the same.

To turn the appliance on, simply press the ON/OFF button briefly.

The appliance beeps once (if the buzzer is enabled), and depending on the selected programme, the display shows the time required to complete drying.

To turn off the appliance, hold down the button for approximately 1 second.

After this time, the user interface beeps once (if the buzzer is enabled) and all the lights and the display are turned off. After turning off the dryer, all the options selected and the programme is deleted.

- **Behaviour in Stand-Off mode**

  In order to minimise electricity wastage when the cycle is not under way, appliances in this platform offer the auto-off function which, when teamed with the Zero -Watt circuit, provide two ways of enabling a low consumption mode:

1. When you press the ON/OFF button to turn off the appliance, the supply voltage is cut off and the tumble dryer is secured (motor off, display off, etc…), the cycle and any options selected are reset, so that the next time the appliance is turned on, it is ready to perform a new programme.
2. If, during the programme and options selection phase or after the end of the cycle, the appliance receives no further instructions for at least 5 minutes, it is automatically turned off (for energy savings in conformity with the standards on energy consumption).

- If this occurs during the setting phase, the programme and the options selected are cancelled and the basic programme appears when the appliance is turned back on.
- If the cycle has instead ended, all the settings are stored so that when the appliance is turned back on, the user can see that the cycle ended normally, and can restart it if necessary.

If an alarm occurs while a programme is under way, the auto of function is disabled, and an alarm is displayed.

3 Symbols

3.1 Drying programme symbols

	Extra Dry		Cupboard Dry
	Iron Dry		Delicate
	Time-controlled drying		

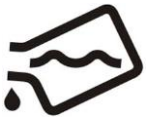
3.2 Drying programme phase icons

	Drying Phase		Cooling Phase
	Anti-Crease Phase		

3.3 Option

	Buzzer		Child Lock
	Delay Start		

3.4 Warnings

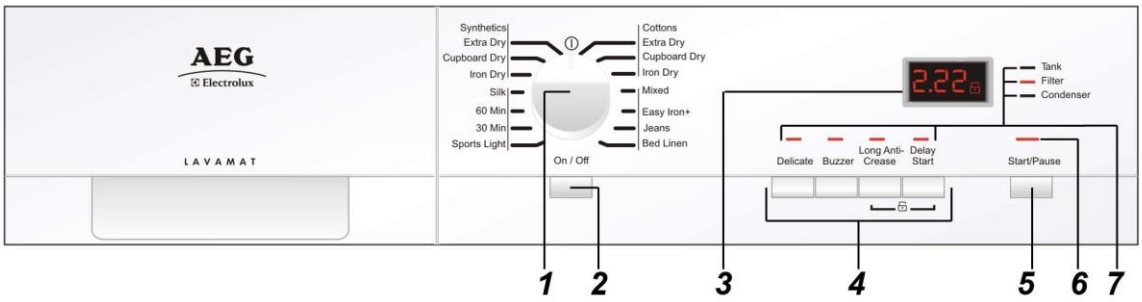
	Water collection tank warning		Clean fluff filter warning
	Clean heat exchanger warning		

4 Control panel

Condensation tumble dryers with a heating element air heating system differ in that 3 stylings are available:

- Series 6
- Series 7
- Series 8

4.1 Series 6



1. 15 position programme selector dial
2. On/Off button
3. LCD display
4. Option buttons.
5. Start/Pause button
6. Start (lit continuously) Pause (flashing) LED
7. Alarm, functions LEDs

4.1.1 Programme selector

The selector is used to select the desired washing programme or to restore the cycle in progress; it can be turned both clockwise and anti-clockwise.

There are 15 different positions (including reset) which cannot be configured.

The central position ⏻ is used for the “Reset” function, where the programme under way is suspended and reset.

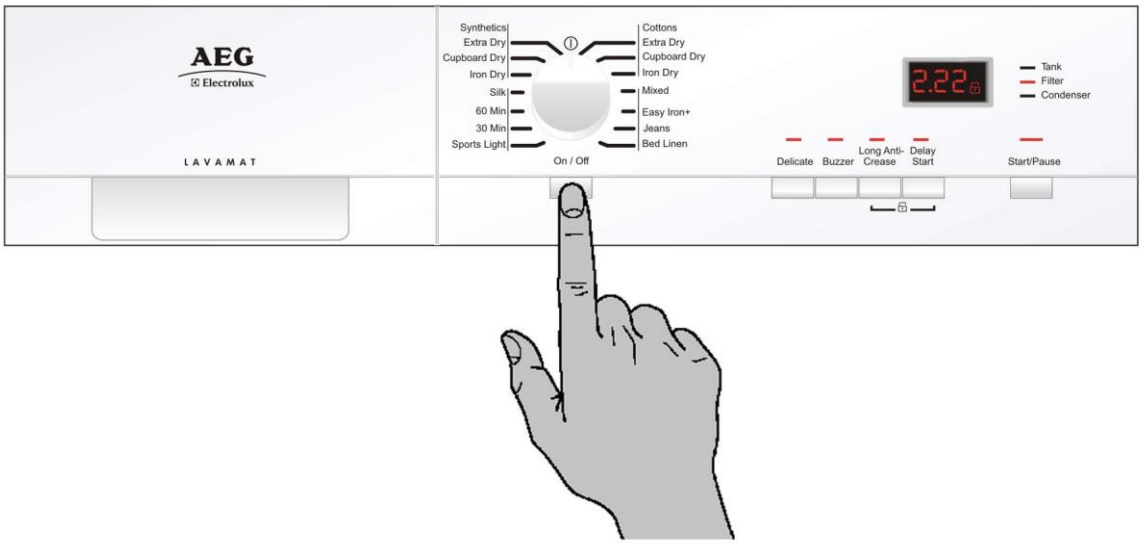
When the selector is set to this position, the user interface turns off completely, and the display shows 

In this position, you can:

- turn off the appliance at the ON/OFF button,
- select a programme,
- enable/disable the child lock function using the appropriate key combination.

All the other positions of the programme selector can be configured.

4.1.2 ON/OFF button



Press the ON/OFF button to turn the tumble dryer on or off.

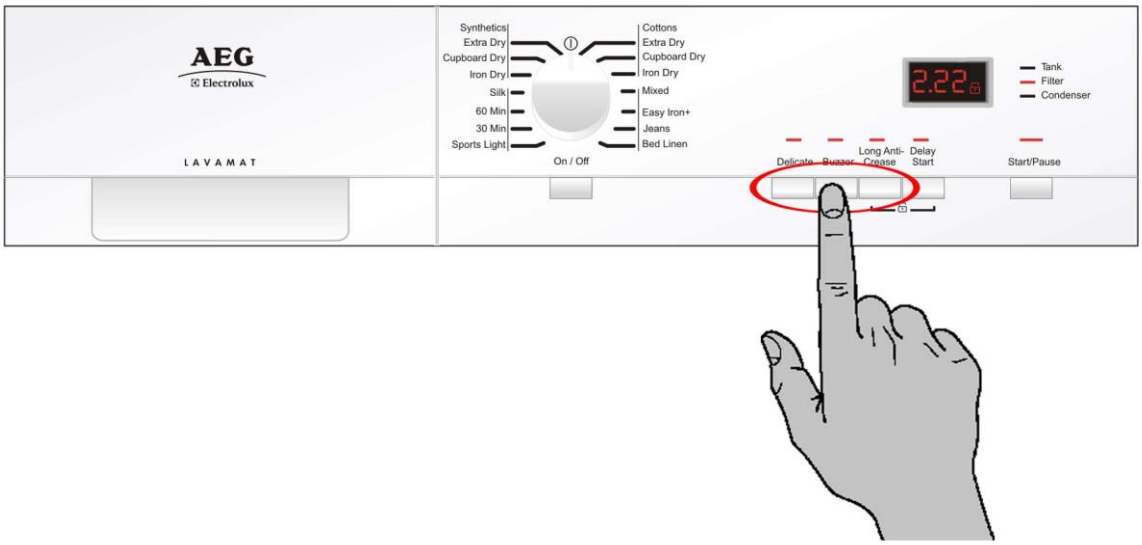
If the button is pressed and the selector was left in the central position, the display will show a series of dashes - - - whereas, if you select a programme before pressing the ON/OFF button, when you turn on the appliance, the display will show the amount of time necessary for the drying cycle to be completed and any LEDs related to the programme will be lit.

The time shown on the display should not be considered as a set time, since it is calculated according to a normal load with a given humidity, and obviously if the appliance load is lighter or the degree of humidity of the fabrics in the appliance is different, the time will change automatically and gradually as drying progresses.

4.1.3 Option buttons

The three option buttons are used to change the selected programme according to personal requirements and preferences:

- Long Anti-Crease.
- Acoustic signal (buzzer).
- Delicate.



Press one or more buttons to enable or disable the relevant options.

When one or more options have been enabled, the related LEDs are lit and if the options picked affect the cycle time, the display will be automatically updated.

- **Long Anti-Crease**

  This option is not enabled on all programmes and it prolongs the final anti-crease phase by 60 minutes, thereby extending the amount of time required for the anti-crease phase to 90 minutes [30 minutes (default) + 60 minutes (option)].

- **Acoustic signal (buzzer)**

  This option enables or disables the buzzer sound permanently even after the machine is turned off or following a programme change.

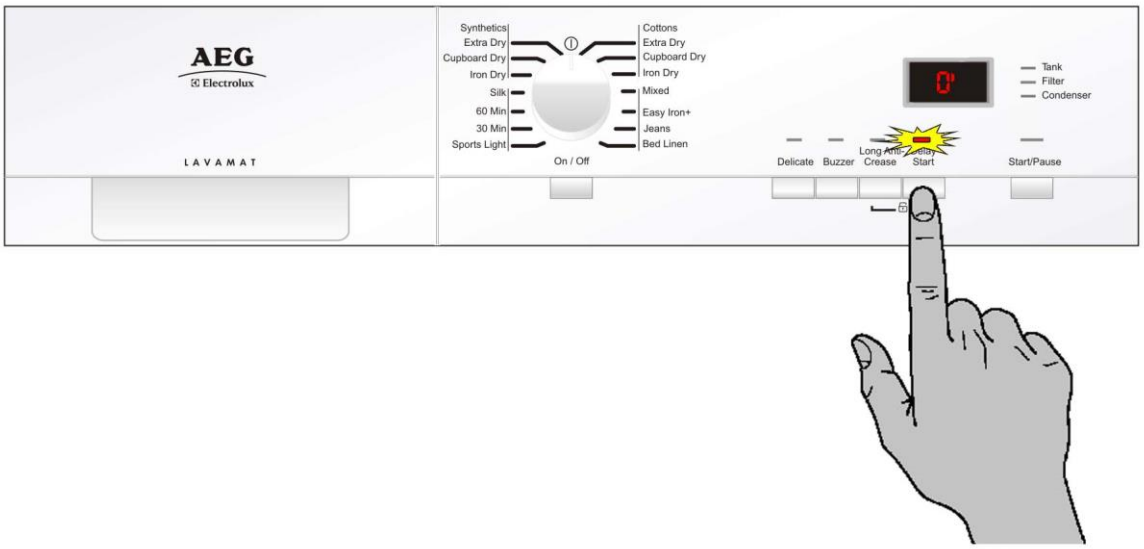
  When the alarm is enabled (default configuration), the LED associated with the key is lit.

- **Delicate**

  This option is not enabled on all programmes. When this option is selected, only one branch of the heating element is activated, thus reducing power and consequently the drying temperature.

  After selecting this option, the time shown on the display is updated automatically.

4.1.4 Delay Start



Press this button to postpone the selected programme start.

Once you have pressed this button, the related LED is lit and the display shows 0'.

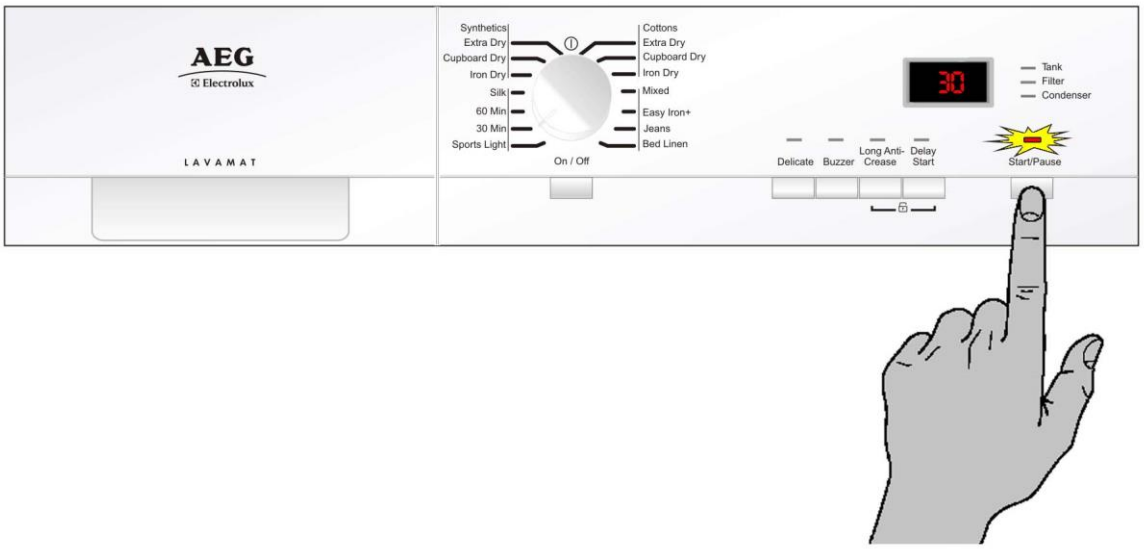
To increase the time, press the button repeatedly or hold it down: the time will change in 30-minute steps for up to 90 minutes max, then the time will change in one-hour steps up to a maximum of 20 hours.

When a delayed start is set, the relevant LED is lit, and stays on for the entire duration of the cycle.

To begin the countdown, press the START/PAUSE button, the display will show the minutes left until the cycle starts.

After the countdown has begun, it can be stopped by pressing the ON/OFF button or by resetting the selected programme by turning the selector to the central position ⏻.

4.1.5 Start/Pause



When a programme is selected and the appliance door is closed, simply press the Start/Pause button to start the cycle.

The corresponding LED will stop flashing and will remain lit permanently, while the display is consequently updated.

Should the door not be closed, the display will not show the time left until the end of the cycle but error “Err” and the LED will flash

After removing the error by closing the door, press Start/Pause again for the cycle to start up again.

Press the Start/Pause button during the cycle to pause the appliance.

When the appliance is on pause, you can add or remove options, but you cannot change the programmes; to do this, in this case, you need to turn off the tumble dryer at the On/Off button, or reset the programme by turning the programme selector dial to the central position ⏻.

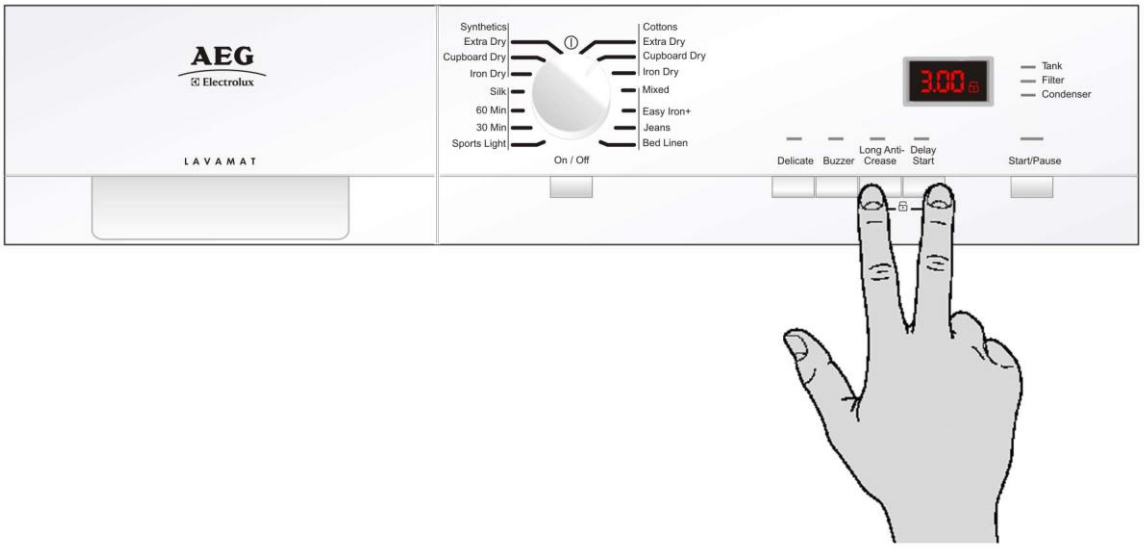
4.1.6 Key combinations

Some extra options or operating modes can be selected using specific key combinations.
The functions available and the related key combinations to set them are:

- Child lock.
- Change water conductivity.
- Permanent removal of water collection tank full alarm.
- Enable or disable buzzer.
- Demo mode.
- Diagnostics

- **Child Lock**

  To enable the child lock, press the ***Delay Start*** and ***Long Anti-Crease*** buttons simultaneously; the corresponding icon lights up .



  This command blocks the user interface to prevent children from modifying the programme and keeps this function enabled even after the appliance has been turned off; once this option has been enabled, no further programme changes or option additions can be made.

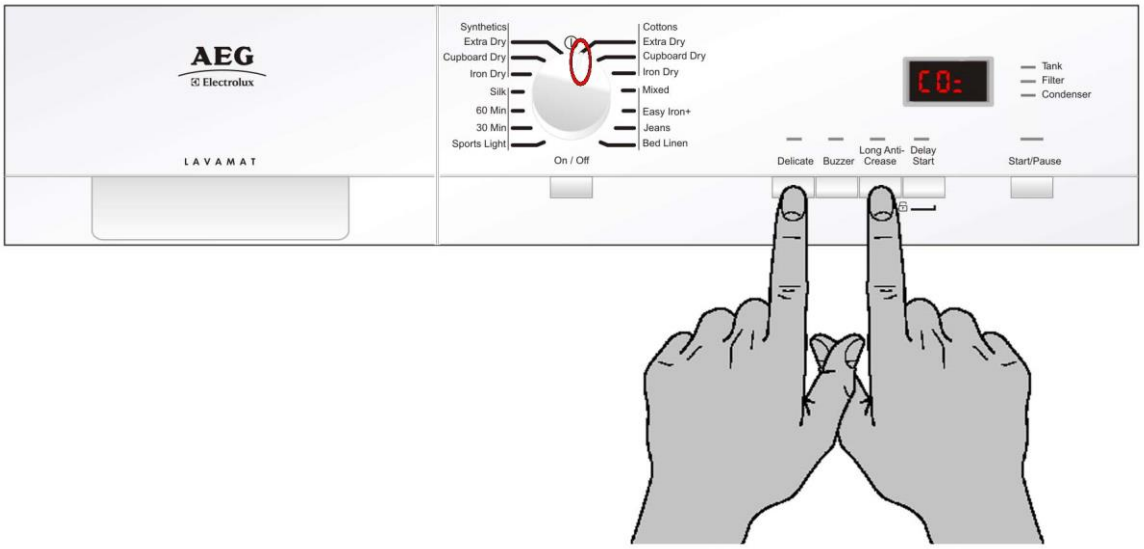
  To disable the child lock, press the above key combination again.

- **Water conductivity**

  The conductivity of the water used to wash the laundry varies from area to area; the conductivity sensor is set to a standard level, significant variations in conductivity level may have a negative effect on the final results of drying (laundry that is either too dry or still damp).

  These variations can be noted particularly in “slightly damp” and “ready-to-iron” cycles; “wardrobe dry” cycles are practically never influenced by changes in conductivity.

  To adjust the conductivity level, turn on the tumble dryer at the ON/OFF button and turn the programme selector dial by one position and press the ***Delicate*** and ***Long Anti-Crease*** buttons simultaneously.



To change the conductivity value according to the table, press the ***Start/Pause*** button.

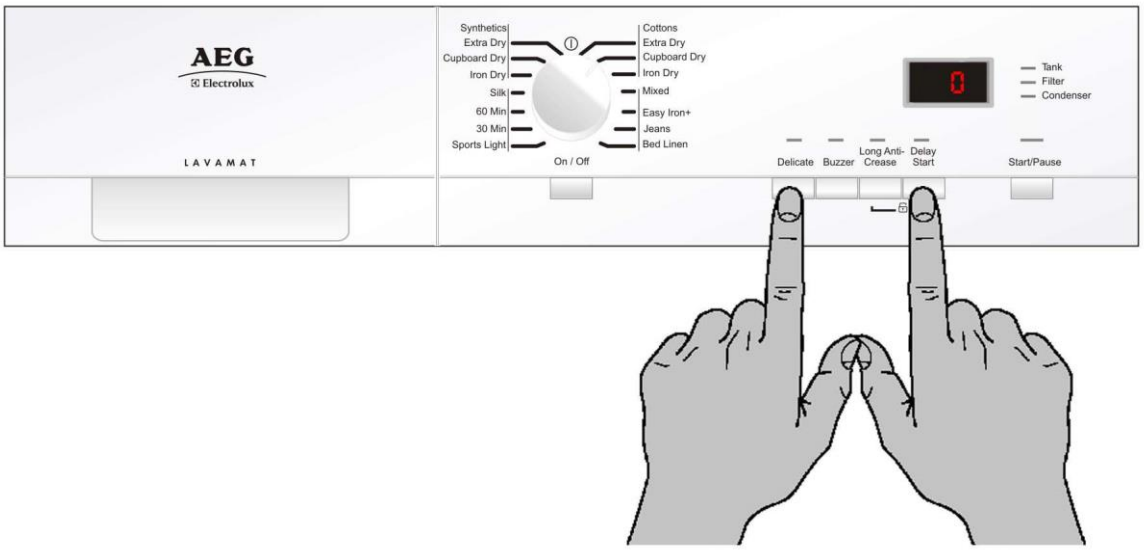
LCD	Conductivity level	Approximate value (µS/cm)
	LOW	< 300
	MEDIUM	300 – 600
	HIGH	> 600

The normal factory setting is medium level, but some models may have a different configuration.

Ask your local water supplier for details of the conductivity level of your water supply.

- **Permanent removal of water collection tank full alarm**

  In washer dryers where the water drain kit is fitted, in order to stop the water collection tank full alarm from being displayed automatically at the end of every cycle, press the ***Delicate*** and ***Delay Start*** buttons to disable this alarm.



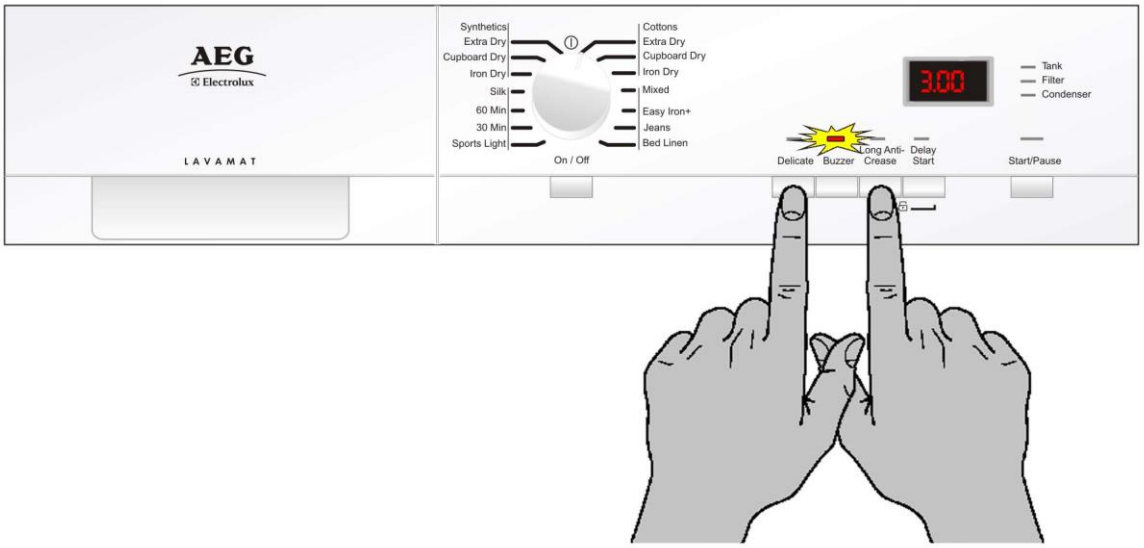
Alarm disabled

Alarm enabled

- **Enabling or disabling the buzzer**

  Press the ***Delicate*** and ***Buzzer*** buttons simultaneously to enable or disable the buzzer sounding permanently even after the appliance has been turned off or the programme has been changed.

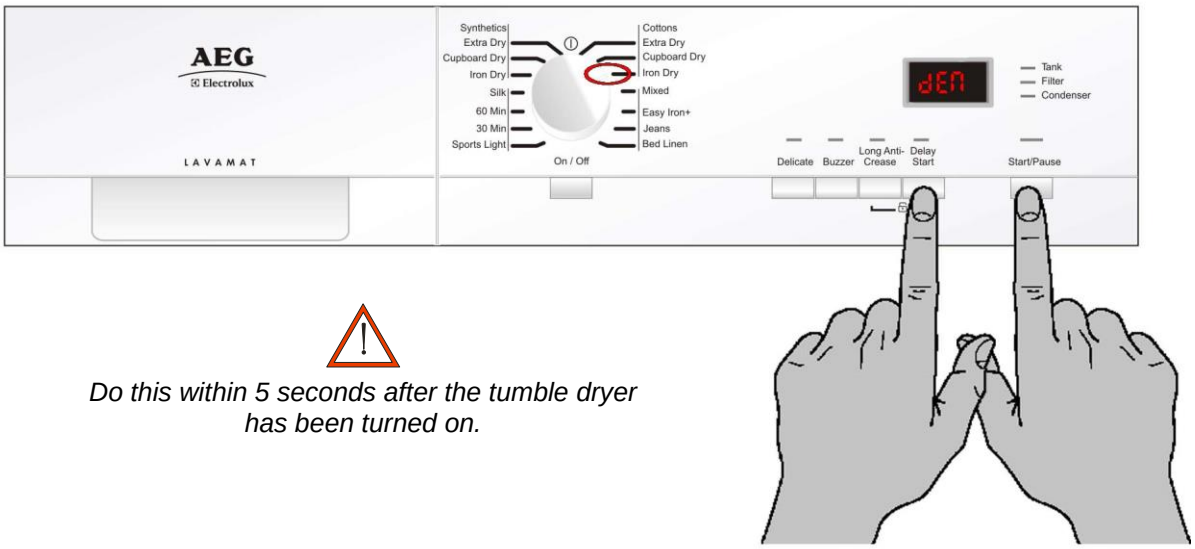
  When the alarm is enabled (default configuration), the LED associated with the key is lit.



- **Demo mode**

  The Demo mode is particularly used in showrooms to demonstrate to customers how the appliance works, by simulating the drying cycle.

  To enter demo mode, turn on the tumble dryer at the ON/OFF button and turn the programme selector dial by three positions and press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



Do this within 5 seconds after the tumble dryer has been turned on.

  The Demo mode remains enabled even after the tumble dryer has been turned off at the ON/OFF button. When the ON/OFF button is pressed to restart the appliance, the display will show DEM for a few seconds, to facilitate the use of the Demo function in a showroom.

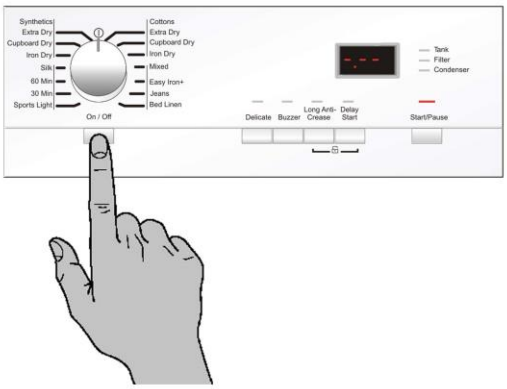
  To quit demo mode, cut off the electricity supply to the tumble dryer.

- **Diagnostics**

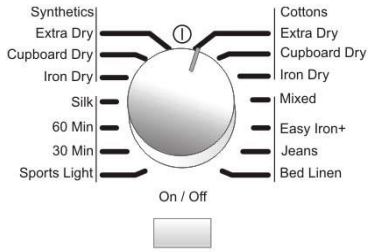
  The diagnostics process is designed to check all the components in the tumble dryer.

  To enter diagnostics mode, proceed as follows:

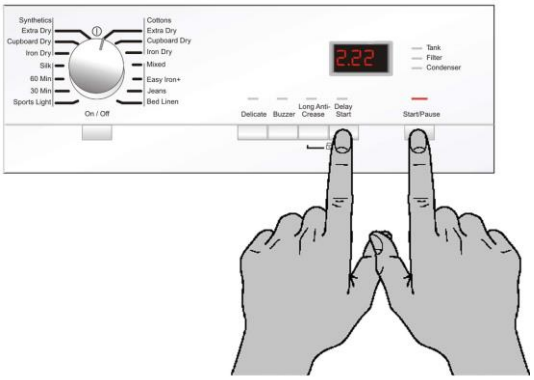
  Leave the selector dial in the central position ⏻ and turn on the tumble dryer at the ON/OFF button. Wait for the LEDs to be lit and for the buzzer to BEEP (if the alarm is not disabled).



  Turn the selector dial clockwise to the first position.



  Press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



  ⚠

  This must be done within 5 seconds after the tumble dryer has been turned on!

- **Quitting diagnostics mode**

  To quit diagnostics mode, turn the tumble dryer off at the ON/OFF button, then turn it back on in order to reset it. The display shows ELE then turn it back off.

- **Selector dial positions in diagnostics**

  See the paragraph which applies to all stylings “SELECTOR DIAL POSITION IN DIAGNOSTICS”.

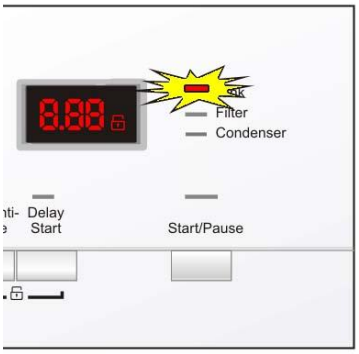
4.1.7 Warning LEDs

There are three LEDs above the start/pause button dedicated to showing warnings, to remind the user to perform specific operations.

- **Condensation water tank**

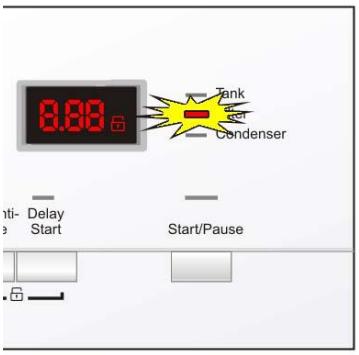
  It lights up at the end of every cycle to remind the user to empty the condensation water collection tank or during the actual cycle if it is full.

  This warning can be disabled using the dedicated key combination if the water drain kit is fitted in the tumble dryer.



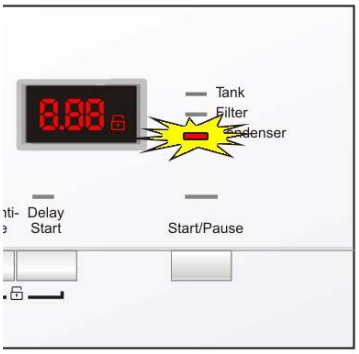
- **Filter**

  It lights up at the end of every cycle to remind the user to clean the fluff filter in the air conduit.

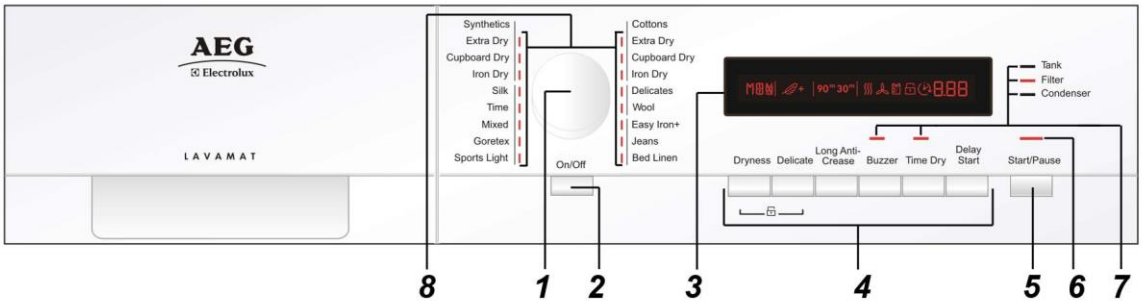


- **Capacitor**

  It lights up at the end of the cycle only after approximately 100 hours of operation, to remind the user to clean the capacitor at the bottom of the tumble dryer.



4.2 Series 7



1. 16 position programme selector dial
2. On/Off button
3. LCD display
4. Function button
5. Start/Pause button
6. Start (lit continuously) Pause (flashing) LED
7. Alarm LEDs and functions
8. Programme LEDs

4.2.1 Programme selector

The selector dial fitted on series 7 is referred to as the HI-FI selector and it is used to select the desired washing programme; it can be turned both clockwise as well as anti-clockwise.

There are 16 selector positions available, and they can all be configured.

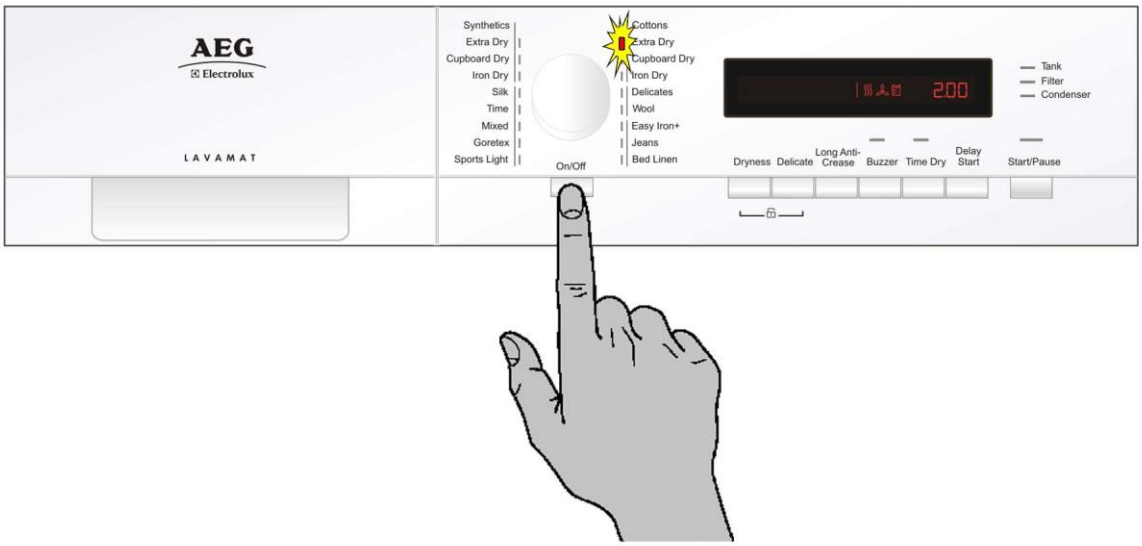
Compared to a traditional selector dial (see series 6), the Hi-fi selector does not have an index on the dial or a reset position, the dial itself does not indicate a position on the control panel, but instead allows the selected programme to be indicated by lighting an LED associated with the programme.

To reset a cycle in progress, simply press the On/Off button.

When the appliance is turned on, the first position at the top right is selected by default (except in special circumstances, for instance, if there is a power failure).

When the selector dial is turned clockwise or anti-clockwise, the corresponding LED associated with a programme lights up and the LCD display shows the time required for drying and the programme phases concerned.

4.2.2 ON/OFF button



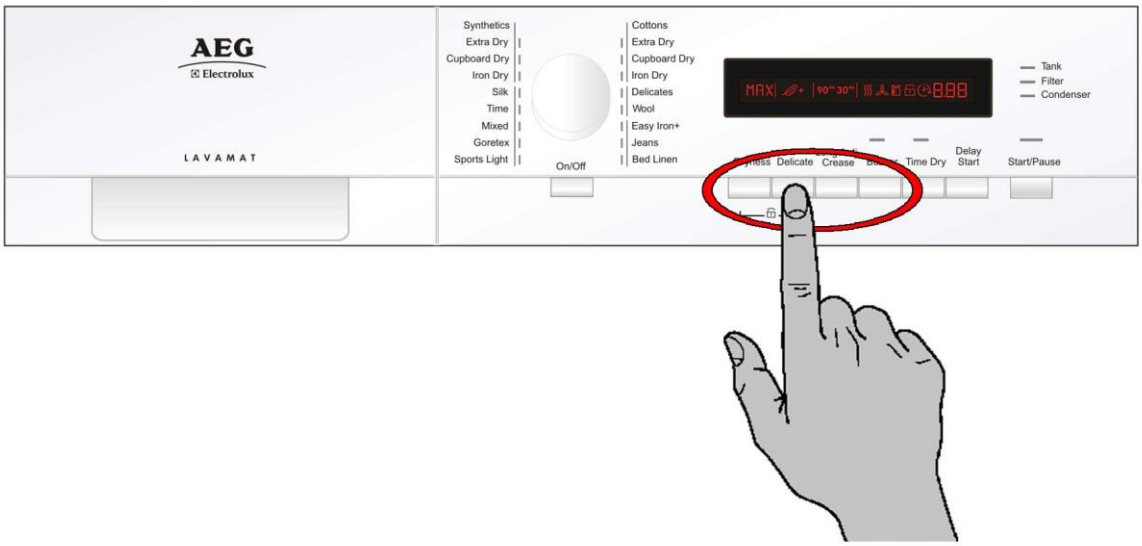
Press the ON/OFF button to turn on the appliance; the first position at the top right is selected by default (except in special circumstances, for instance , if there is a power failure), the display shows the amount of time required for drying to be completed and the three icons corresponding to the drying, cooling, anti-crease phases are lit.

The time shown on the display should not be considered as a set time, since it is calculated according to a normal load with a given humidity, and obviously if the appliance load is lighter or the degree of humidity of the fabrics in the appliance is different, the time will change automatically and gradually as drying progresses.

4.2.3 Option buttons

The four option buttons are used to change the selected programme according to personal requirements and preferences:

- Dryness.
- Delicate.
- Long Anti-Crease.
- Buzzer.



Press one or more buttons to enable or disable the relevant options.

When one or more options have been enabled or the related LEDs are lit and if the options picked affect the cycle time, the display will be automatically updated.

- **Dryness**

  The Dryness option allows the user to change the level of humidity of the laundry only in programmes where the automatic drying sensor is available.

  Press this button to choose from three dryness levels.

  Minimum 

  Medium 

  Maximum 

  Once you have selected the programme, the display shows the dryness level by default for that type of fabric.

  If the selected programme does not allow for this adjustment, nothing will be shown in this part of the display, even if the button is pressed.

  After selecting this option, the time shown on the display is updated automatically.

- **Delicate**

  This option is not enabled on all programmes. When this option is selected, only one branch of the heating element is activated, thus reducing power and consequently the drying temperature.

  If this option has been selected, the  icon is displayed, and the time shown is automatically updated.

- **Long Anti-Crease**

  This option is not enabled on all programmes and it prolongs the final anti-crease phase by 60 minutes, thereby extending the amount of time required for the anti-crease phase to 90 minutes [30 minutes (default) + 60 minutes (option)].

  If you select a programme where the anti-crease cycle is enabled, the 

icon is displayed; if the long anti-crease button is pressed, the display will show 

.

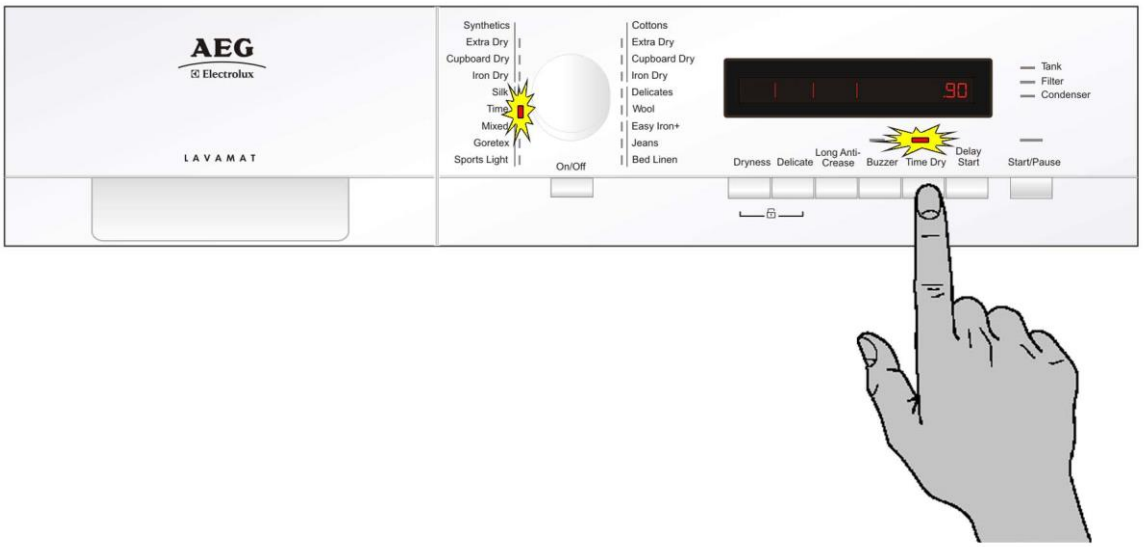
- **Acoustic signal (buzzer)**

  This option enables or disables the buzzer sound permanently even after the machine is turned off or following a programme change.

  When the alarm is enabled (default configuration), the LED associated with the key is lit.

4.2.4 Time-controlled drying

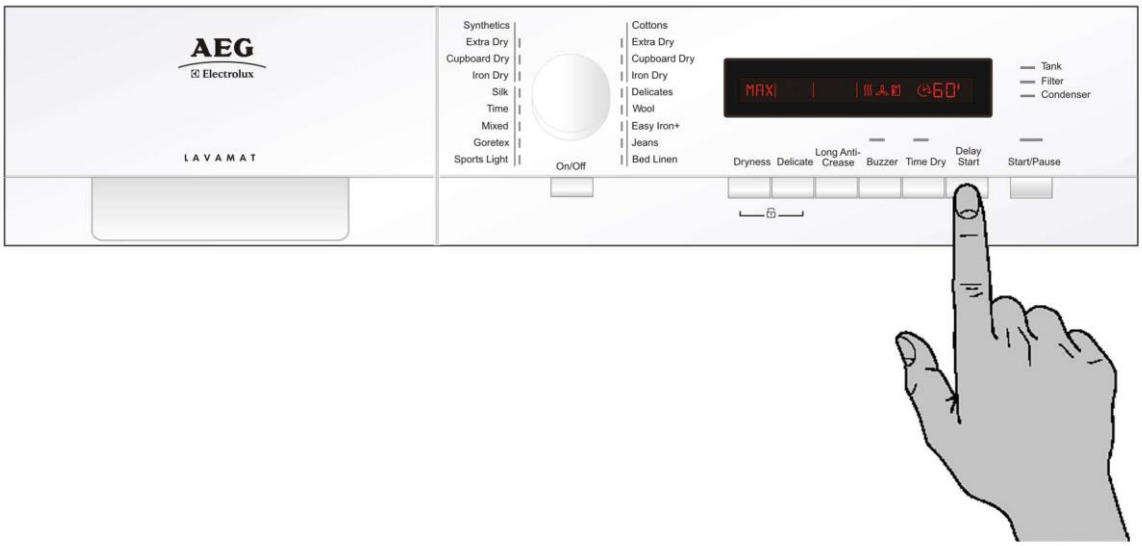
Select the time-controlled programme on the selector dial in order to set the desired drying time by pressing the TIME button.



When the TIME button is pressed, the corresponding LED is lit and each time the button is pressed or if the button is held own, the time increases in 10-minute steps, from a minimum of 10 minutes to a maximum of 120 minutes (2 hours).

If you reach the maximum time, the next step resets the timer to 0 (zero).

4.2.5 Delay Start



Press this button to postpone the selected programme start.

Once you have pressed this button, the related LED is lit and the display shows  .

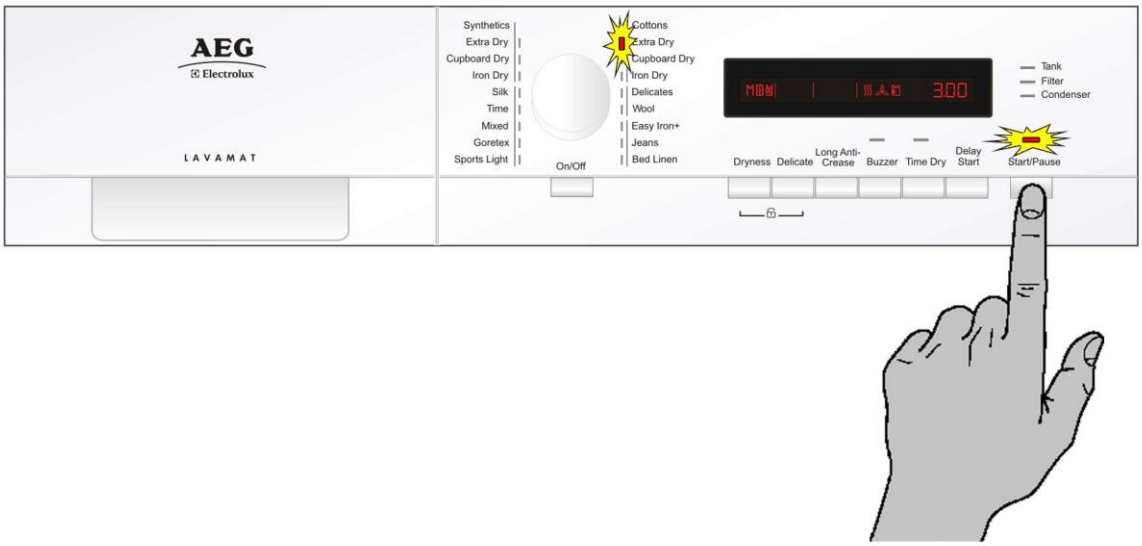
To increase the time, press the button repeatedly or hold it down: the time will change in 30-minute steps for up to 90 minutes max, then the time will change in one-hour steps up to a maximum of 20 hours.

When a delayed start is set, the icon stays lit for the entire duration of the cycle.

To begin the countdown, press the START/PAUSE button, the display will show the minutes left until the cycle starts.

After the countdown begins, you can stop it at any time by pressing the ON/OFF button.

4.2.6 Start/Pause



When a programme is selected and the appliance door is closed, simply press the Start/Pause button to start the cycle.

The corresponding LED will stop flashing and will remain lit permanently, the icon depicting the cycle phase in progress will begin to flash while the display updates the amount of time left accordingly.

Drying phase flashing  .

Cooling phase flashing  .

Anti-crease phase flashing  .

Should the door not be closed, the display will not show the time left until the end of the cycle but error “Err” and the LED will flash.

After removing the error by closing the door, press Start/Pause again for the cycle to start up again.

Press the Start/Pause button during the cycle to pause the appliance.

When the appliance is on pause, you can add or remove options, but you cannot change the programmes; to do this, in this case, you need to turn off the tumble dryer at the On/Off button.

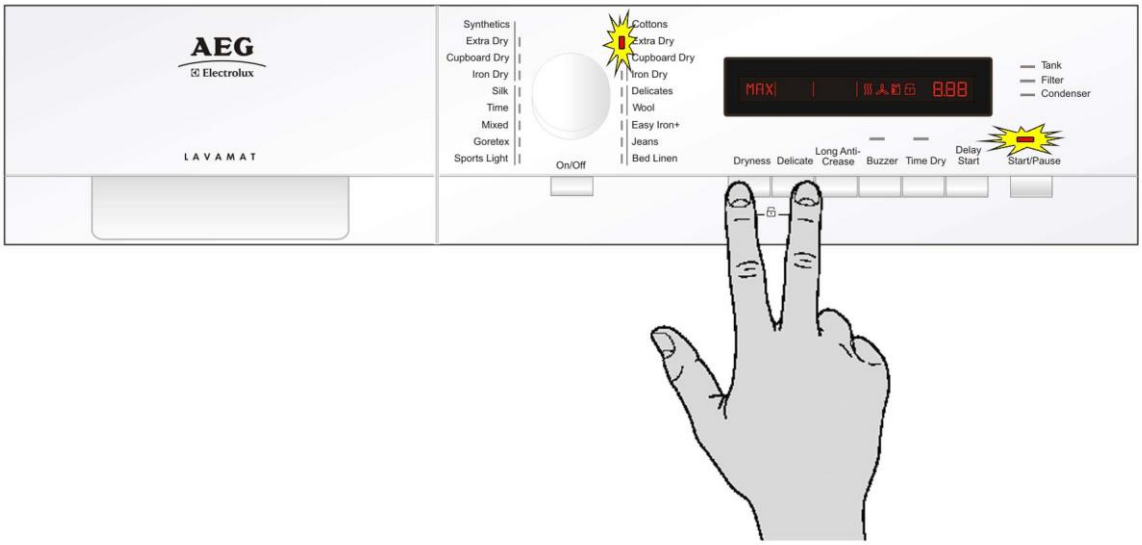
4.2.7 Key Combinations

Some extra options or operating modes can be selected using specific key combinations.
The functions available and the related key combinations to set them are:

- Child lock.
- Change water conductivity.
- Permanent removal of water collection tank full alarm.
- Enable or disable buzzer.
- Demo mode.
- Diagnostics.

- **Child Lock**

  To enable the child lock, press the ***Dryness*** and ***Delicate*** buttons simultaneously; the corresponding icon lights up  .



  This command blocks the user interface to prevent children from modifying the programme and keeps this function enabled even after the appliance has been turned off; once this option has been enabled, no further programme changes or option additions can be made.

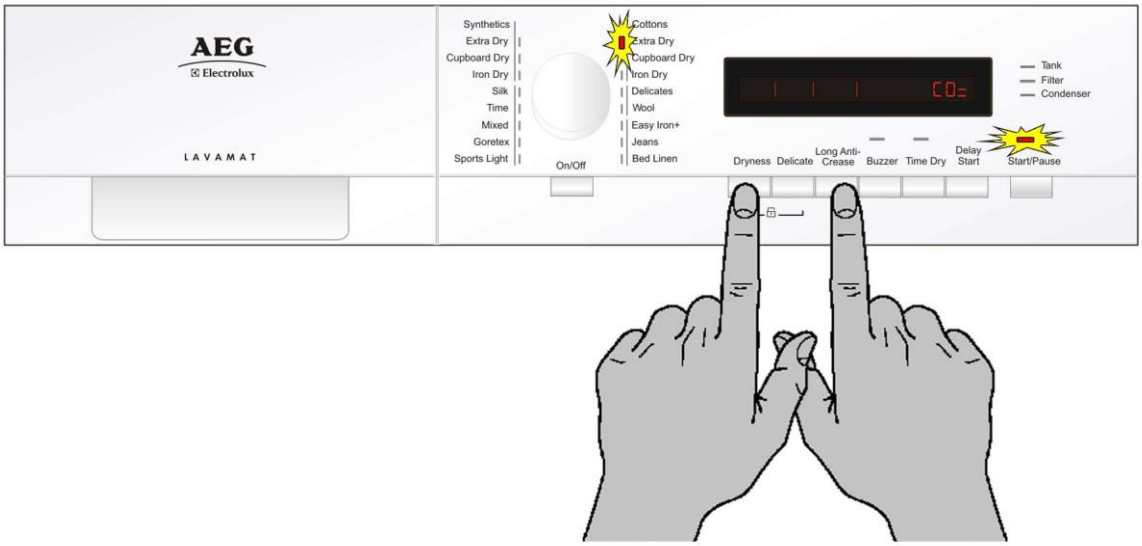
  To disable the child lock, press the above key combination again.

- **Water conductivity**

  The conductivity of the water used to wash the laundry varies from area to area; the conductivity sensor is set to a standard level, significant variations in conductivity level may have a negative effect on the final results of drying (laundry that is either too dry or still damp).

  These variations can be noted particularly in “slightly damp” and “ready-to-iron” cycles; “wardrobe dry” cycles are practically ne.ver influenced by changes in conductivity.

  To adjust the conductivity level, turn on the tumble dryer at the ON/OFF button and press the ***Dryness*** and ***Long Anti-Crease*** buttons simultaneously



To change the conductivity value according to the table, press the ***Start/Pause*** button.

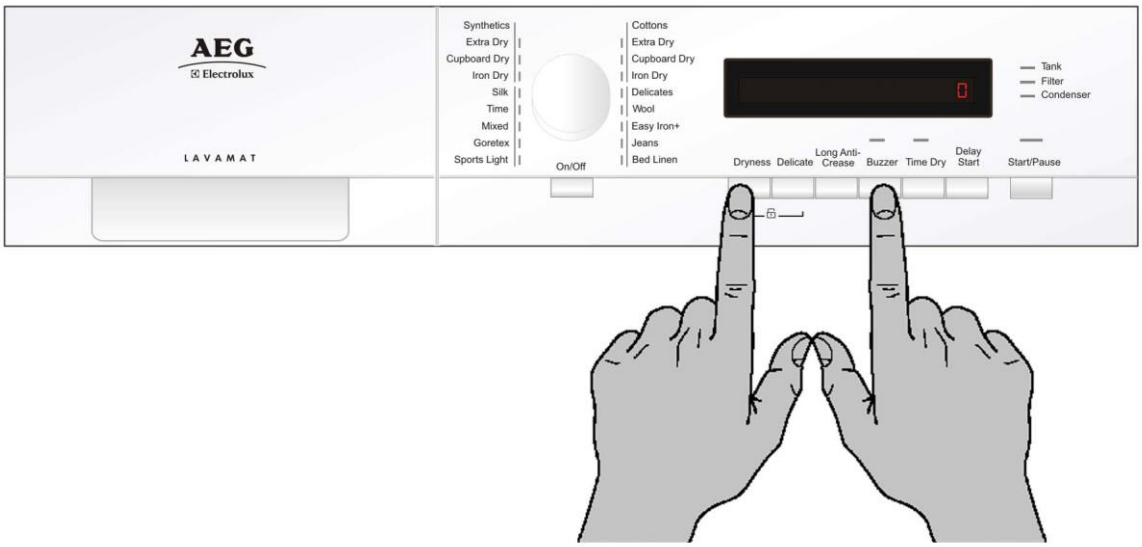
LCD	Conductivity level	Approximate value (µS/cm)
	LOW	< 300
	MEDIUM	300 – 600
	HIGH	> 600

The normal factory setting is medium level, but some models may have a different configuration.

Ask your local water supplier for details of the conductivity level of your water supply.

- **Permanent removal of water collection tank full alarm**

  In washer dryers where the water drain kit is fitted, in order to stop the water collection tank full alarm from being displayed automatically at the end of every cycle, press the ***Dryness*** and ***Buzzer*** buttons to disable this alarm.



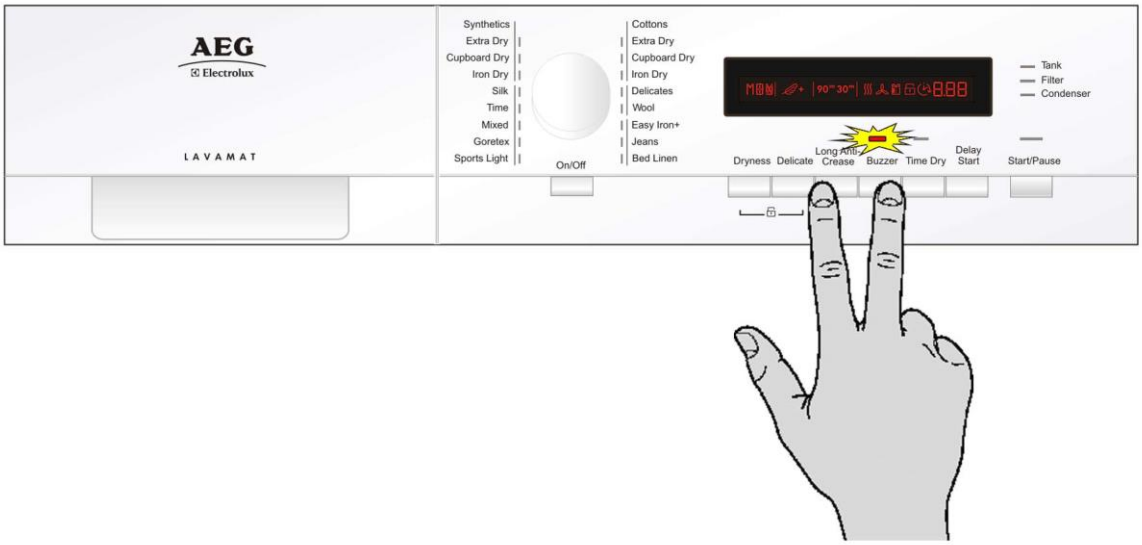
Alarm disabled

Alarm enabled

- **Enabling or disabling the buzzer**

  Press the ***Long Anti-Crease*** and ***Buzzer*** buttons simultaneously to enable or disable the buzzer sounding permanently even after the appliance has been turned off or the programme has been changed.

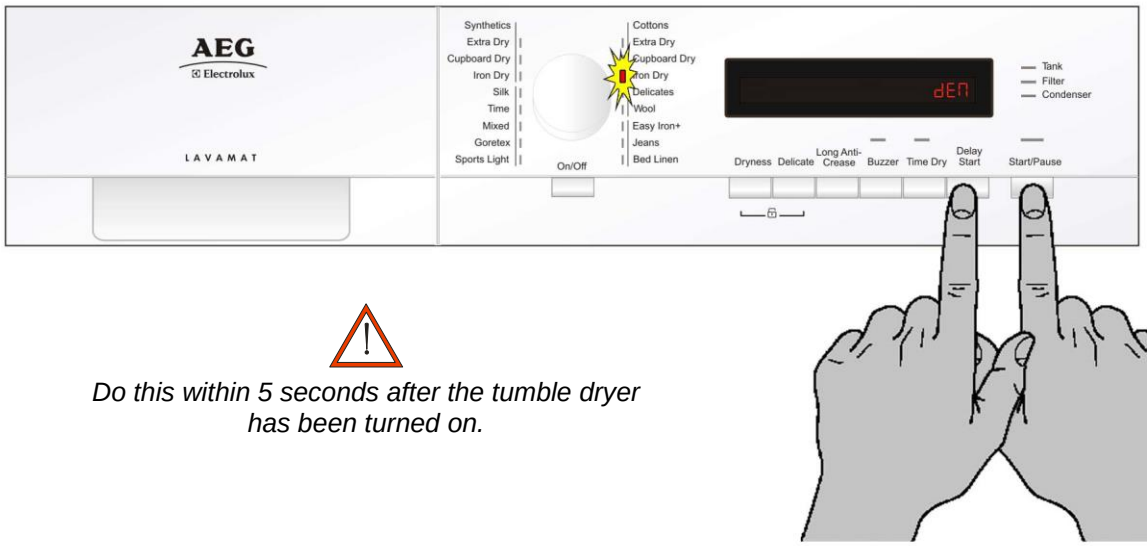
  When the alarm is enabled (default configuration), the LED associated with the key is lit.



- **Demo mode**

  The Demo mode is particularly used in showrooms to demonstrate to customers how the appliance works, by simulating the drying cycle.

  To enter demo mode, turn on the tumble dryer at the ON/OFF button and turn the programme selector dial by three positions and press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



Do this within 5 seconds after the tumble dryer has been turned on.

  The Demo mode remains enabled even after the tumble dryer has been turned off at the ON/OFF button. When the ON/OFF button is pressed to restart the appliance, the display will show DEM for a few seconds, to facilitate the use of the Demo function in a showroom.

  To quit demo mode, cut off the electricity supply to the tumble dryer.

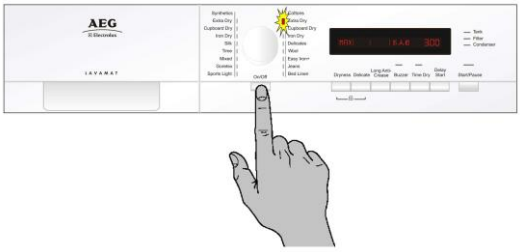
- **Diagnostics**

  The diagnostics process is designed to check all the components in the tumble dryer.

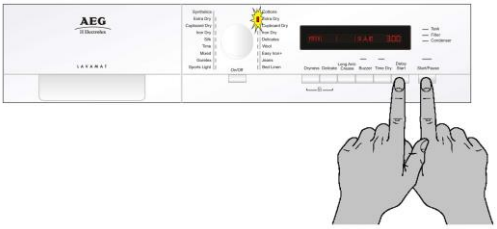
  To enter diagnostics mode, proceed as follows:

  Turn on the tumble dryer at the ON/OFF button. Wait for the LEDs to be lit and for the buzzer to BEEP (if the alarm is not disabled).

  Series 7 uses a Hi-Fi selector dial so the first position is already selected by default.



  Press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



  This must be done within 5 seconds after the tumble dryer has been turned on!

- **Quitting diagnostics mode**

  To quit diagnostics mode, turn the tumble dryer off at the ON/OFF button, then turn it back on in order to reset it. The display shows  then turn it back off.

- **Selector dial positions in diagnostics**

  See the paragraph which applies to all stylings “SELECTOR DIAL POSITION IN DIAGNOSTICS”.

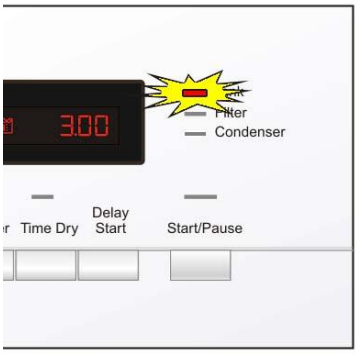
4.2.8 Warning LEDs

There are three LEDs above the start/pause button dedicated to showing warnings, to remind the user to perform specific operations.

- **Condensation water tank**

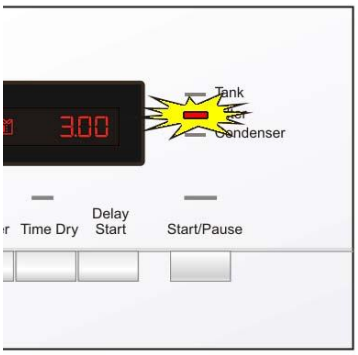
  It lights up at the end of every cycle to remind the user to empty the condensation water collection tank or during the actual cycle if it is full.

  This warning can be disabled using the dedicated key combination if the water drain kit is fitted in the tumble dryer.



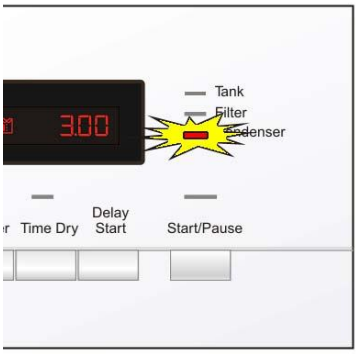
- **Filter**

  It lights up at the end of every cycle to remind the user to clean the fluff filter in the air conduit.

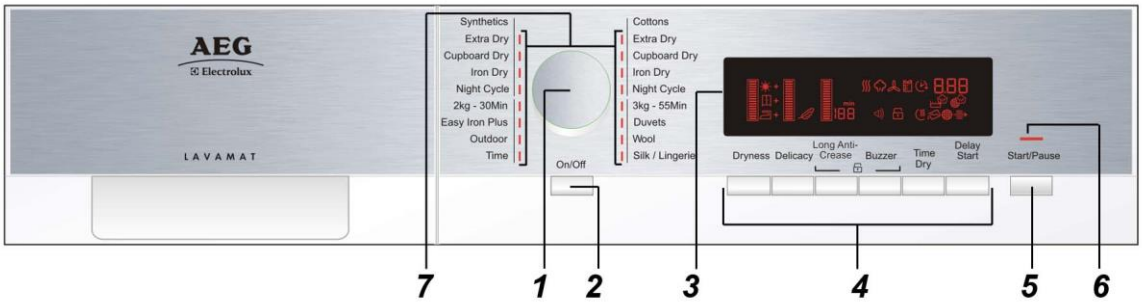


- **Capacitor**

  It lights up at the end of the cycle only after approximately 100 hours of operation, to remind the user to clean the capacitor at the bottom of the tumble dryer.



4.3 Series 8



1. 16 position programme selector dial
2. ON/OFF button
3. LCD display
4. Function button
5. Start/Pause button
6. Start (lit continuously) Pause (flashing) LED
7. Programme LEDs

4.3.1 Programme selector

The selector dial fitted on series 8 is referred to as the HI-FI selector and it is used to select the desired washing programme; it can be turned both clockwise as well as anti-clockwise.

There are 16 selector positions available, and they can all be configured.

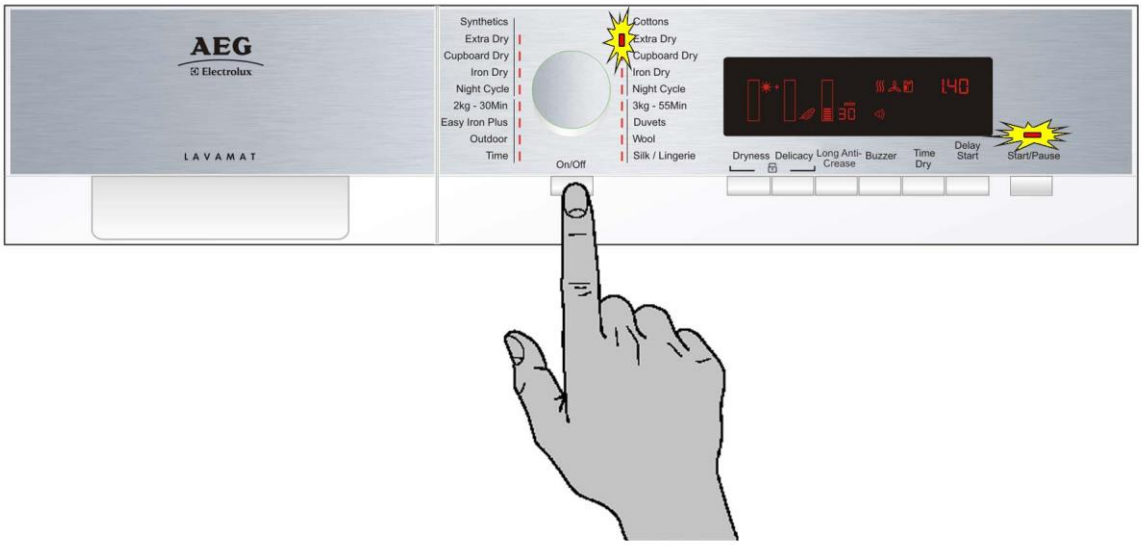
Compared to a traditional selector dial (see series 6), the Hi-fi selector does not have an index on the dial or a reset position, the dial itself does not indicate a position on the control panel, but instead allows the selected programme to be indicated by lighting an LED associated with the programme.

To reset a cycle in progress, simply press the On/Off button.

When the appliance is turned on, the first position at the top right is selected by default (except in special circumstances, for instance, if there is a power failure).

When the selector dial is turned clockwise or anti-clockwise, the corresponding LED associated with a programme lights up and the LCD display shows the time required for drying and the programme phases concerned.

4.3.2 ON/OFF button



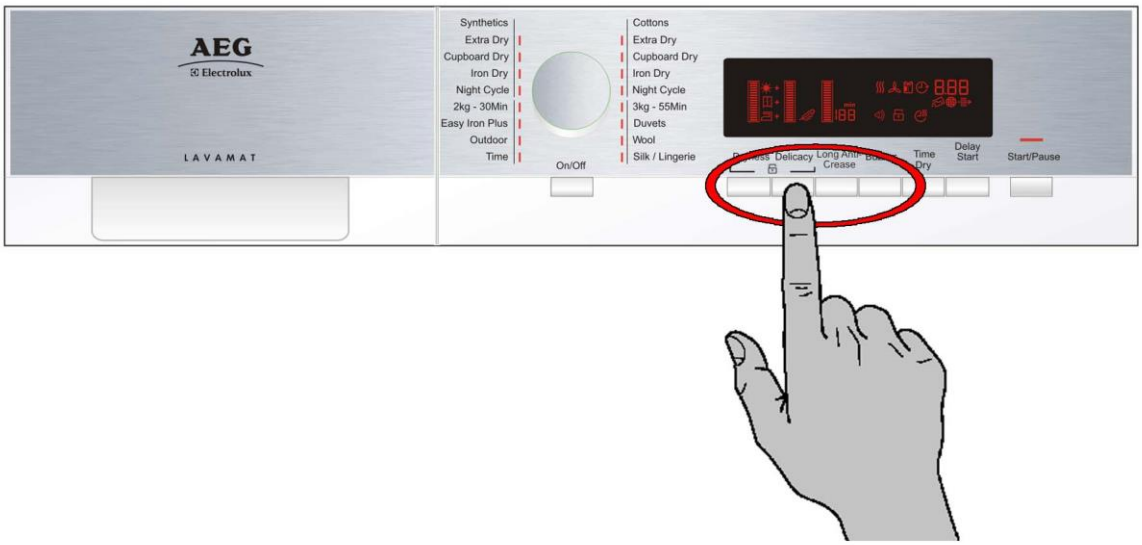
Press the ON/OFF button to turn on the appliance; the first position at the top right is selected by default (except in special circumstances, for instance , if there is a power failure), the display shows the amount of time required for drying to be completed and the three icons corresponding to the drying, cooling, anti-crease phases are lit.

The time shown on the display should not be considered as a set time, since it is calculated according to a normal load with a given humidity, and obviously if the appliance load is lighter or the degree of humidity of the fabrics in the appliance is different, the time will change automatically and gradually as drying progresses.

4.3.3 Option buttons

The four option buttons are used to change the selected programme according to personal requirements and preferences:

- Dryness.
- Delicate.
- Long Anti-Crease.
- Buzzer.



Press one or more buttons to enable or disable the relevant options.

When one or more options have been enabled or the related LEDs are lit and if the options picked affect the cycle time, the display will be automatically updated.

- **Dryness**

  Once you have selected the programme, the display shows the dryness level by default for that type of programme.

  All dryness types can be upgraded by two levels by pressing the Dryness button

Extra Dry		Extra Dry +		Extra Dry ++	
Cupboard Dry		Cupboard Dry +		Cupboard Dry ++	
Iron Dry		Easy Iron +		Easy Iron ++	

  The symbols and the bar graph are only shown in programmes where adjustments are possible.

  If the dryness button is pressed in programmes which do not include this function, the display will show Err.

  After selecting this option, the time shown on the display is updated automatically.

- **Delicate**

  When this option is selected, only one branch of the heating element is activated, thus reducing power and consequently the drying temperature.

  If you select a programme where the drying type is Delicate by default, or after you have pressed the Delicate button, the  icon is displayed and the time displayed is automatically updated.

  If you press the Delicate button again, the display will show  and the amount of time required for drying will automatically be updated.

  In programmes where this option is not enabled, the display will not show anything and this option will not be available.

- **Long Anti-Crease**

  This option is only enabled in programmes where a time for the anti-crease phase is already envisaged by default.

  This option allows you to extend the anti-crease phase by up to a maximum of 120 minutes (2 hours) in 30-minute steps.

  If you reach the maximum time, the time is reset if the long anti-crease button is pressed again.

  If you select a programme where this option is not enabled, nothing is displayed, not even the frame containing the diagram.

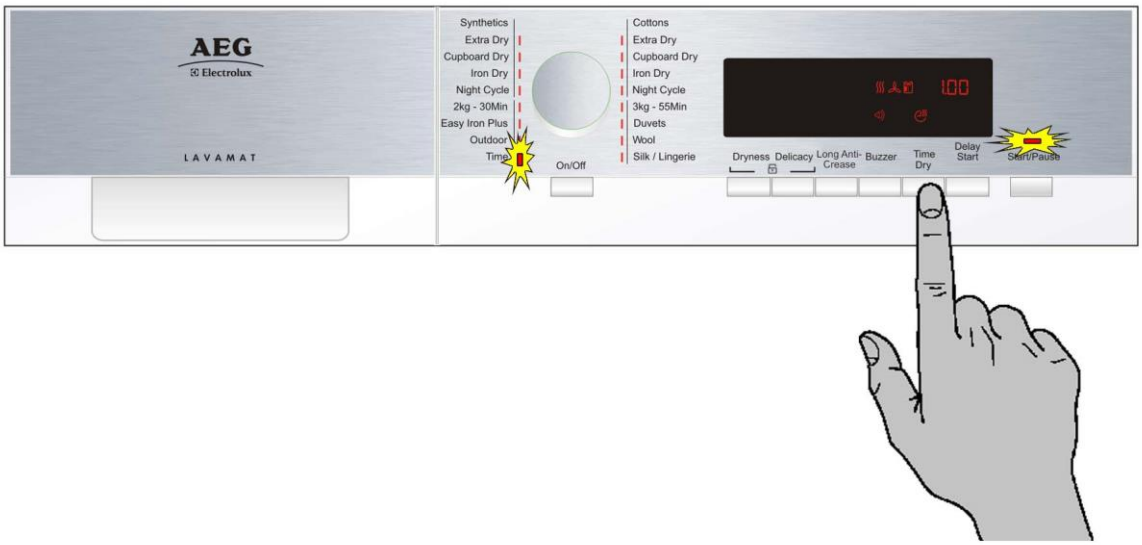
- **Acoustic signal (buzzer)**

  This option enables or disables the buzzer sound permanently even after the machine is turned off or following a programme change.

  When the alarm is enabled (default configuration), the icon associated with the key is lit  .

4.3.4 Time-controlled drying

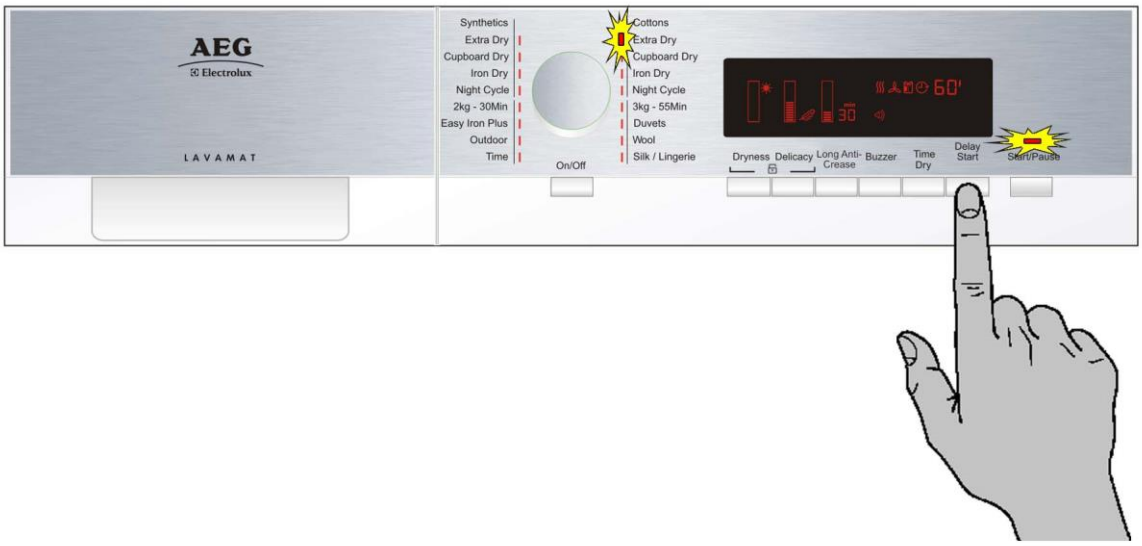
Select the time-controlled programme on the selector dial in order to set the desired drying time by pressing the TIME button.



When the TIME button is pressed, the related icon is lit and each time the button is pressed or if the button is held own, the time increases in 10-minute steps, from a minimum of 10 minutes to a maximum of 120 minutes (2 hours).

If you reach the maximum time, the next step resets the timer to 0 (zero)

4.3.5 Delay Start



Press this button to postpone the selected programme start.

Once you have pressed this button, the related LED is lit and the display shows  .

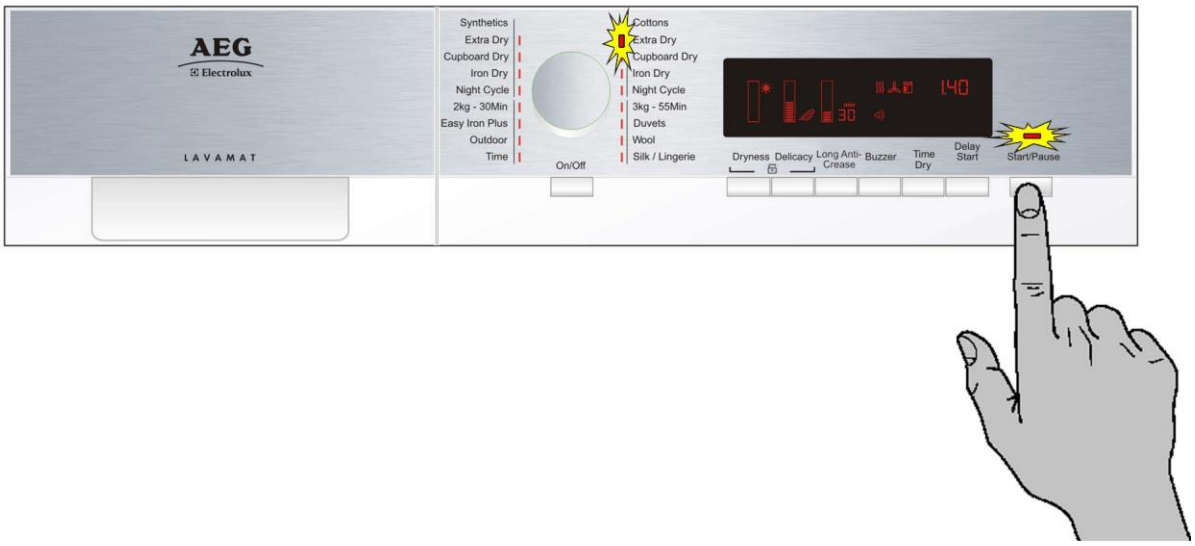
To increase the time, press the button repeatedly or hold it down: the time will change in 30-minute steps for up to 90 minutes max, then the time will change in one-hour steps up to a maximum of 20 hours.

When a delayed start is set, the icon stays lit for the entire duration of the cycle.

To begin the countdown, press the START/PAUSE button, the display will show the minutes left until the cycle starts.

After the countdown begins, you can stop it at any time by pressing the ON/OFF button.

4.3.6 Start/Pause



When a programme is selected and the appliance door is closed, simply press the Start/Pause button to start the cycle.

The corresponding LED will stop flashing and will remain lit permanently, the icon depicting the cycle phase in progress will begin to flash while the display updates the amount of time left accordingly.

Drying phase flashing  .

Cooling phase flashing  .

Anti-crease phase flashing  .

Should the door not be closed, the display will not show the time left until the end of the cycle but error “Err” and the LED will flash.

After removing the error by closing the door, press Start/Pause again for the cycle to start up again.

Press the Start/Pause button during the cycle to pause the appliance.

When the appliance is on pause, you can add or remove options, but you cannot change the programmes; to do this, in this case, you need to turn off the tumble dryer at the On/Off button.

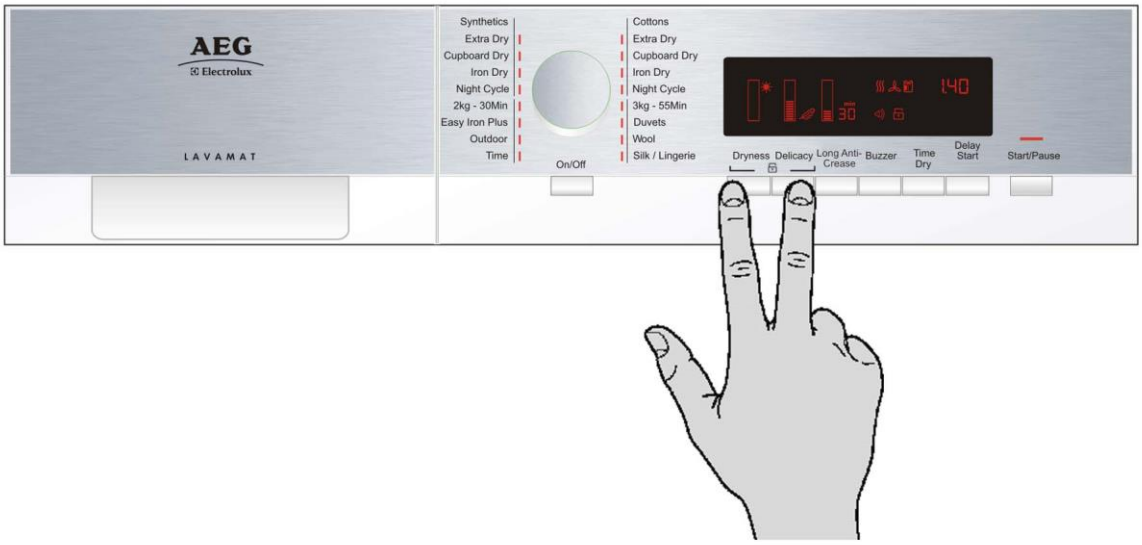
4.3.7 Key Combinations

Some extra options or operating modes can be selected using specific key combinations.
The functions available and the related key combinations to set them are:

- Child lock.
- Change water conductivity.
- Permanent removal of water collection tank full alarm.
- Enable or disable buzzer.
- Demo mode.
- Diagnostics

- **Child Lock**

  To enable the child lock, press the ***Dryness*** and ***Delicacy*** buttons simultaneously; the corresponding icon lights up .



This command blocks the user interface to prevent children from modifying the programme and keeps this function enabled even after the appliance has been turned off; once this option has been enabled, no further programme changes or option additions can be made.

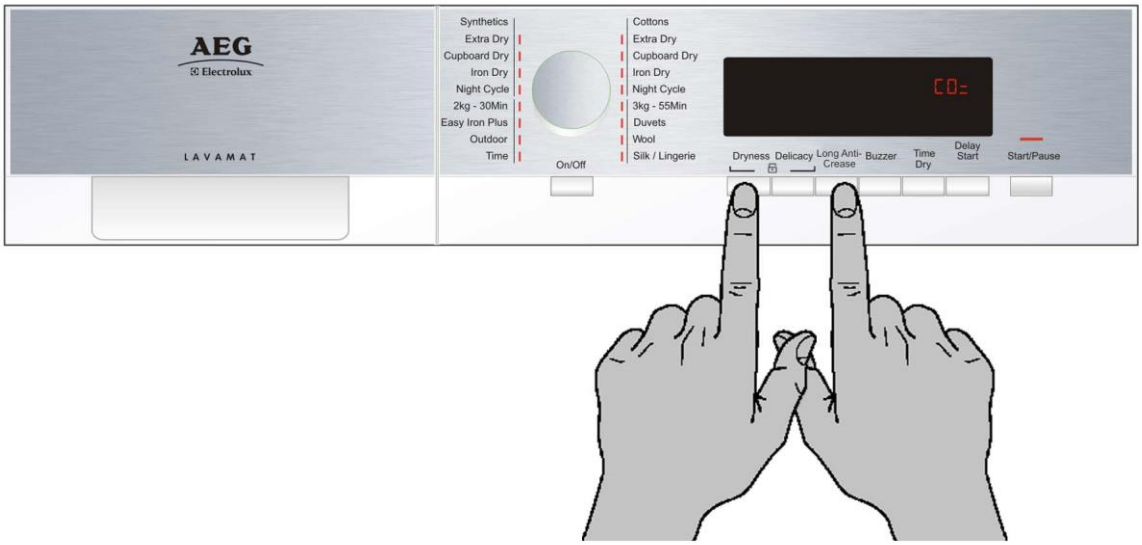
To disable the child lock, press the above key combination again.

- **Water conductivity**

  The conductivity of the water used to wash the laundry varies from area to area; the conductivity sensor is set to a standard level, significant variations in conductivity level may have a negative effect on the final results of drying (laundry that is either too dry or still damp).

  These variations can be noted particularly in slightly damp" and "ready-to-iron" cycles; "wardrobe dry" cycles are practically never influenced by changes in conductivity.

  To adjust the conductivity level, turn on the tumble dryer at the ON/OFF button and press the ***Dryness*** and ***Long Anti-Crease*** buttons simultaneously.



To change the conductivity value according to the table, press the ***Start/Pause*** button.

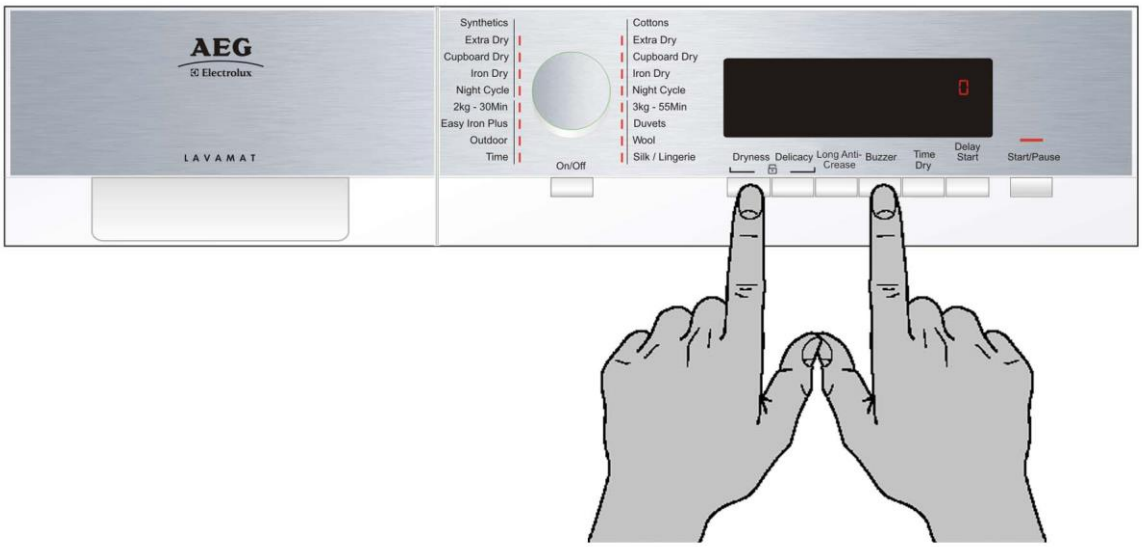
LCD	Conductivity level	Approximate value (µS/cm)
	LOW	< 300
	MEDIUM	300 – 600
	HIGH	> 600

The normal factory setting is medium level, but some models may have a different configuration.

Ask your local water supplier for details of the conductivity level of your water supply.

- **Permanent removal of water collection tank full alarm**

  In washer dryers where the water drain kit is fitted, in order to stop the water collection tank full alarm from being displayed automatically at the end of every cycle, press the ***Dryness*** and ***Buzzer*** buttons to disable this alarm.



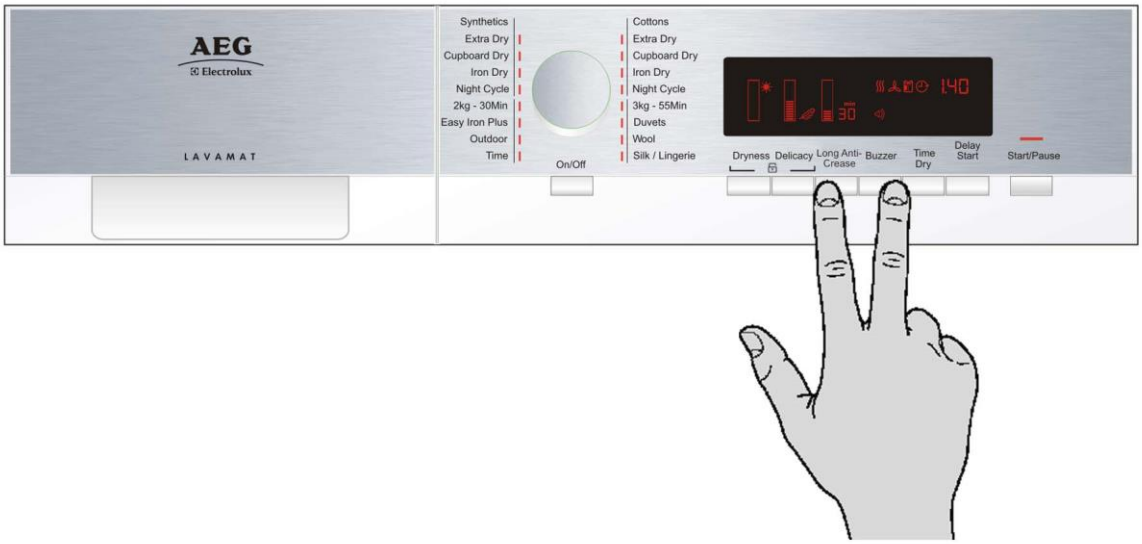
Alarm disabled

Alarm enabled

- **Enabling or disabling the buzzer**

  Press the ***Long Anti-Crease*** and ***Buzzer*** buttons simultaneously to enable or disable the buzzer sounding permanently even after the appliance has been turned off or the programme has been changed.

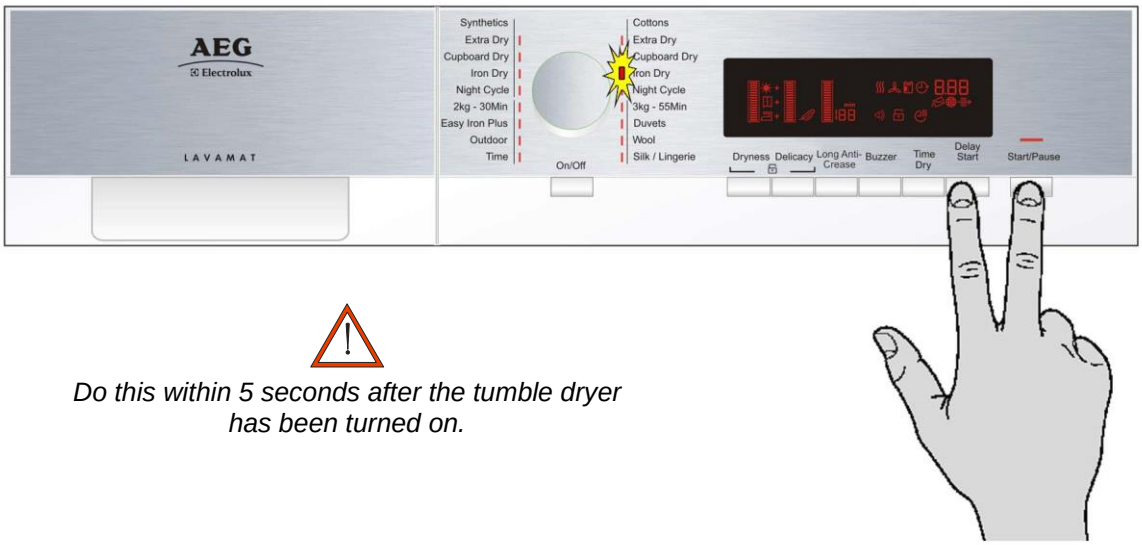
  When the alarm is enabled (default configuration), the LED associated with the key is lit.



- **Demo mode**

  The Demo mode is particularly used in showrooms to demonstrate to customers how the appliance works, by simulating the drying cycle.

  To enter demo mode, turn on the tumble dryer at the ON/OFF button and turn the programme selector dial by three positions and press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



Do this within 5 seconds after the tumble dryer has been turned on.

  The Demo mode remains enabled even after the tumble dryer has been turned off at the ON/OFF button. When the ON/OFF button is pressed to restart the appliance, the display will show DEM for a few seconds, to facilitate the use of the Demo function in a showroom.

  To quit demo mode, cut off the electricity supply to the tumble dryer.

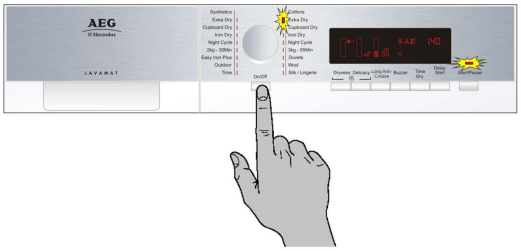
- **Diagnostics**

  The diagnostics process is designed to check all the components in the tumble dryer.

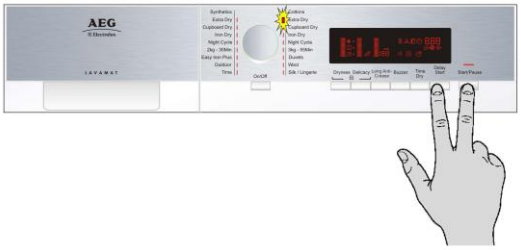
  To enter diagnostics mode, proceed as follows:

  Turn on the tumble dryer at the ON/OFF button. Wait for the LEDs to be lit and for the buzzer to BEEP (if the alarm is not disabled).

  Series 7 uses a Hi-Fi selector dial so the first position is already selected by default.



  Press the ***Start/Pause*** and ***Delay Start*** buttons simultaneously.



  This must be done within 5 seconds after the tumble dryer has been turned on!

- **Quitting diagnostics mode**

  To quit diagnostics mode, turn the tumble dryer off at the ON/OFF button, then turn it back on in order to reset it. The display shows  then turn it back off.

- **Selector dial positions in diagnostics**

  See the paragraph which applies to all stylings “SELECTOR DIAL POSITION IN DIAGNOSTICS”.

4.3.8 Warning LEDs

There are three icons under the time indication on the display dedicated to showing warnings, to remind the user to perform specific operations.

- **Condensation water tank**

  It lights up at the end of every cycle to remind the user to empty the condensation water collection tank or during the actual cycle if it is full.

  This warning can be disabled using the dedicated key combination if the water drain kit is fitted in the tumble dryer.

- **Filter**

  It lights up at the end of every cycle to remind the user to clean the fluff filter in the air conduit.

- **Capacitor**

  It lights up at the end of the cycle only after approximately 100 hours of operation, to remind the user to clean the capacitor at the bottom of the tumble dryer.

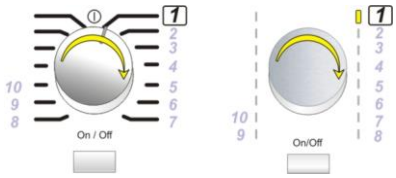
5 Selector dial positions in diagnostics

The alarms are enabled during diagnostic testing of components. If an alarm appears, move the selector to the first position to exit the alarm status and, if necessary, continue the test (if the alarm is not triggered again).

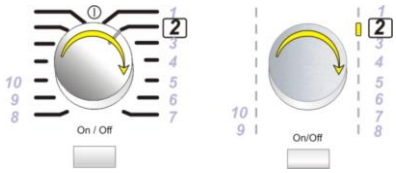
To check the correct functioning of the float switch and pump, the trap should be filled with approximately 0.7 litres of water.

In order to test the conductivity sensor properly in case of a short-circuit (position 8), a short circuit must be created between the two sensors on the front air conduit before moving the selector dial to the eighth position. If the short-circuit is not created properly, the circuit board will display alarm E32 (sensor frequency too low). To exit this alarm, move the selector to the first position.

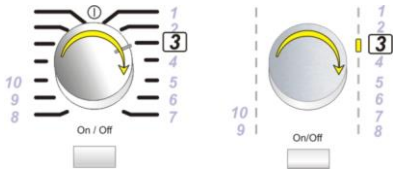
Position 1

User interface test	Purpose of the test:	To test the functionality of all LEDs and switches
	Components activated:	All LEDs. LCD display.
	Behaviour:	All LEDs flash in sequence. Press a button and the corresponding LED is lit; the code is shown on the LCD display and the buzzer sounds. All LCD icons flash simultaneously.
	Working conditions:	There is a control to run the test (always active).

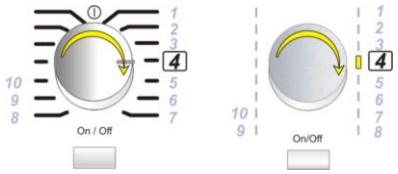
Position 2

Float micro-switch and condensation water pump	Purpose of the test:	To test the pump and micro-switch situated in the condensation water tray.
	Components activated:	It the condensation water collection tray is full and the micro-switch detects this condition, the pump is started.
	Behaviour:	If the water level in the tray is low, the LCD displays III and if the level is high (micro-switch triggered), the LCD displays 000.
	Working conditions:	Door closed (timeout 10 secs.).

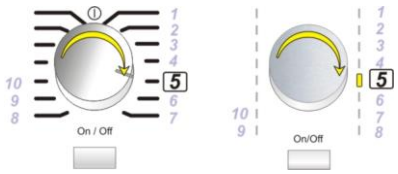
Position 3

Anti-clockwise drum rotation	Purpose of the test:	To test the drum rotation motor in an anti-clockwise direction.
	Components activated:	Motor TRIAC. Anti-clockwise direction relay. Drum rotation motor. Condensation water filling pump.
	Behaviour:	The motor turns the drum anti-clockwise and the condensation water filling pump is in operation.
	Working conditions:	Door closed (timeout 10 mins.).

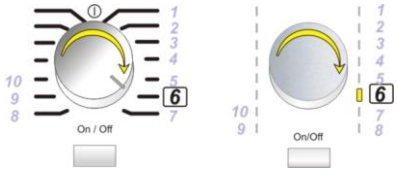
Position 4

Clockwise drum rotation	Purpose of the test:	To test the drum rotation motor in a clockwise direction.
	Components activated:	Motor TRIAC. Clockwise direction relay. Drum rotation motor.
	Behaviour:	Phase LEDs are switched ON.
	Working conditions:	Door closed (timeout 10 mins.).

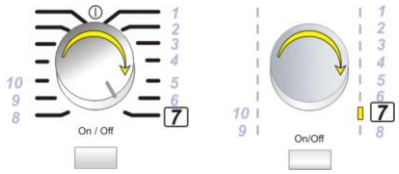
Position 5

Heater ½ power Clockwise drum rotation	Purpose of the test:	To test a part of the heating element (half power).
	Components activated:	Top Heating Element. clockwise drum rotation motor.
	Behaviour:	The drying temperature NTC1 is displayed on the LCD. Phase icons are lit.
	Working conditions:	Door closed (timeout 10 secs.).

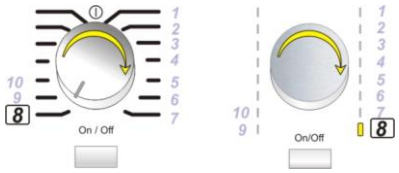
Position 6

Heater full power Clockwise drum rotation	Purpose of the test:	To test the heating element on full power (both branches powered).
	Components activated:	Both the top heating elements. clockwise drum rotation motor.
	Behaviour:	The drying temperature NTC1 is displayed on the LCD. Phase icons are lit.
	Working conditions:	Door closed (timeout 10 secs.).

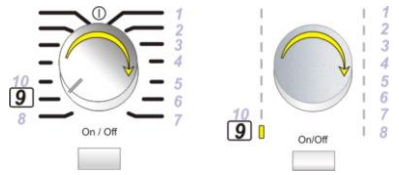
Position 7

Open-circuited conductivity sensor	Purpose of the test:	To check the conductivity sensor in open-circuit conditions.
	Components activated:	Conductivity sensor.
	Behaviour:	The test lasts 4 seconds, during which the LCD flashes, displaying 000. At the end of the test, the LCD stops flashing and displays III. If the test was unsuccessful, the LCD continues to flash, displaying.
	Working conditions:	Conductivity sensor free from any garments or contact.

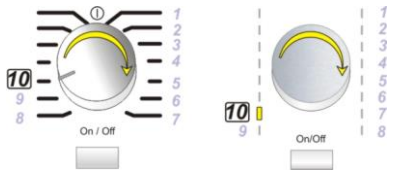
Position 8

Closed circuited conductivity sensor	Purpose of the test:	To verify conductivity sensor in short circuit condition.
	Components activated:	Conductivity sensor.
	Behaviour:	The test lasts 4 seconds, during which the LCD flashes, displaying 000. At the end of the test, the LCD stops flashing and displays III. If the test is unsuccessful, the LCD displays the alarm E32.
	Working conditions:	Short-circuited conductivity sensor.
		Create a short circuit between the two sensors on the front air conduit before setting the selector dial to the eighth position.

Position 9

Condenser Tank Switch	Purpose of the test:	To test the micro-switch under the condensation water collection tray.
	Components activated:	It the condensation water collection tray is full and the micro-switch detects this condition, the pump is started.
	Behaviour:	If the water level in the tray is low, the LCD displays III and if the level is high (micro-switch triggered), the LCD displays 000.
	Working conditions:	Door closed (timeout 10 secs.).

Position 10

Last alarm display and possible reset	Purpose of the test:	To see the alarm and delete it.
	Behaviour:	The LCD display flashes and shows any alarm present.
	Working conditions:	Turn the dial to position 10, paying attention not to stop in position 8 in order to avoid error 32. Press the START/PAUSE button to see all the alarms present. To delete the alarms, hold down the START/PAUSE buttons and press the button on the left.

Position 11 and subsequent positions

Last alarm display and possible reset		
	Behaviour:	All LEDs flash in sequence. Press a button and the corresponding LED is lit; the code is shown on the LCD display and the buzzer sounds.
	Working conditions:	Door closed (timeout 10 secs.).

6 Alarms

Operation of the alarms is configurable according to the model. Some or all of the alarms may be displayed to the user.

When an alarm condition occurs, the drying cycle may be interrupted or paused; in some cases, for safety reasons, a forced cooling cycle is performed.

In this case, the electronic board, if possible, disconnects the power relay from the heating element and powers the drum rotation motor with cooling fan. The cycle remains active until the user switches off the appliance.

6.1 Alarm display during normal operation

On models with LCD the system displays the family of the current alarm to the user.

- First digit: letter "***E***".
- Second digit: the family of the alarm.
- Third digit: the alarm number.

If we consider, for example, the alarm E53 (communication error between the motor control board and the main board), the following will be displayed:

- First digit: letter *"E"* (error).
- Second-third digit: the number "*5 0"*, (i.e. the family of the alarm E53).

6.2 Reading the alarms

To read the last alarm code stored, proceed as follows:

⇨ Access diagnostics mode (see paragraph).
⇨ Turn the programme selector dial clockwise to the tenth position, the display will show the latest code stored.
⇨ To display any other alarms, press the START/PAUSE button.

Try not to stop on position 8, otherwise dummy alarm is triggered!
Alarm 32

- First digit: letter "***E***".
- Second digit: the family of the alarm.
- Third digit: the alarm number.

The configuration errors E93 are displayed through the flashing of all LEDs and it is not possible to access the diagnostics system.

6.3 Cancelling the last alarm memorized

It is good practise to cancel the alarm code from memory:

- After reading the alarm, to check whether it is repeated during the diagnostics cycle.
- After effecting repairs to the appliance, to check whether it is repeated during testing.

1. Start diagnostics mode.
2. Turn the programme selector in a clockwise direction to position ten.
3. Press the Start/Pause button and the button immediately to the left of it simultaneously.
4. Hold the buttons down for approximately 5 seconds.
5. After deleting, E00 will be displayed.

6.4 Notes about specific alarm codes

- **Configuration alarm E93:**

  When configuration alarms are displayed (when the appliance is switched on), the appliance is inoperative and all the LEDs light. It is not possible to access diagnostics; the only operation possible is to switch off the appliance (selector knob on position “0”).

- **Alarms EH1-EH2-EH3:**

  In the event of problems with the power supply, the appliance remains in alarm mode until the voltage and frequency are restored to within the normal limits or the appliance is switched off.
  Alarm family “**H**” is displayed and it is not possible to access diagnostic mode or to use the “rapid alarm display” function.
  The complete alarm can be read only when the abnormal condition has terminated.

6.5 ENV06 TUMBLE DRYERS ALARMS TABLE SUMMARY

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
Ex20	CONDENSATION WATER FILLING PUMP	Ex21	Condensation water filling pump alarm	▪ The cycle is suspended. ▪ If detected during configuration, the cycle start will not be permitted.	▪ Pump disconnected (wiring or connector error). ▪ Pump faulty. ▪ Water filling pump TRIAC error (short-circuit, diode mode, open circuit) (power board error).
		Ex22	Condensation water filling pump detection alarm	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Pump TRIAC detection circuit error (main board error).
Ex30	CONDUCTIVITY SENSOR	Ex31	Conductivity sensor frequency too HIGH	No action.	Only active during diagnostics of the HUMIDITY SENSOR SHORT-CIRCUIT. ▪ The oscillation frequency is out of range (main board failure).
		Ex32	Conductivity sensor frequency too LOW	No action.	Only active during diagnostics of the HUMIDITY SENSOR SHORT-CIRCUIT. ▪ The drum is not short-circuited. ▪ Wiring error. ▪ The oscillation frequency is out of range (main board failure).
Ex40	DOOR	Ex45	Door closed sensing alarm	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	Error in the door closed detection circuit. ▪ Door micro-switch faulty or disconnected. ▪ Main board error.
E0x50	DRUM ROTATION MOTOR	Ex51	Motor power triac short-circuited	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Motor faulty. ▪ Faulty wiring. ▪ Main circuit board faulty.
		Ex52	Motor thermal cut-out triggered	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Motor faulty. ▪ Motor thermal cut-out has triggered. ▪ Faulty wiring. ▪ Main circuit board faulty.

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
		Ex53	Motor TRIAC “sensing” circuit faulty	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Main circuit board faulty.
		Ex54	Motor blocked	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Washing load is too large. ▪ Power supply voltage low. ▪ Motor / drive system blocked.
		Ex55	Inverter board safety alarm	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	----------
		Ex56	FCV motor plug not connected	▪ Stops cycle execution	▪ Motor Wiring ▪ Motor Windings ▪ FCV Board
		E57	Inverter is drawing too much current (> 15 A)	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Motor-inverter wiring faulty. ▪ Inverter board faulty. ▪ Motor faulty.
		E58	Inverter is drawing too much current (> 4.5 A)	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Abnormal motor operation (overload). ▪ Motor-inverter wiring faulty. ▪ Motor faulty. ▪ Inverter board faulty.
		E59	No signal from tachometric generator for 3 seconds	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Motor-inverter wiring faulty. ▪ Inverter board faulty. ▪ Motor faulty.
E0x50	DRUM ROTATION MOTOR	E5A	Overheating on cooling dissipater for inverter (> 88 °C)	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Overheating caused by continuous operation or ambient conditions. ▪ Inverter board faulty. NTC open (on the inverter board).
		E5B	FCV under voltage Failure	▪ Stops cycle execution	▪ Main Board - FCV power supply wiring ▪ FCV Board Failure"

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
		E5H	Input voltage is lower than 175 V	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Faulty wiring. ▪ Inverter board faulty.
		E5C	Input voltage is too high - greater than 430 V	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Input voltage is too high (measure the grid voltage). ▪ Inverter board faulty.
		E5d	Data transfer error between inverter and main PCB	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Line interference. ▪ Faulty wiring. ▪ Main board or inverter board faulty.
		E5E	Communication error between inverter and main PCB	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Faulty wiring between main board and inverter. ▪ Inverter board faulty. ▪ Main board faulty.
		E5F	Inverter PCB fails to start the motor	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Faulty wiring. ▪ Inverter board faulty. ▪ Main board faulty.
Ex60	HEATING ELEMENTS	Ex61	Compressor Hardware Failuew	▪ Stops cycle execution	▪ VSC Board
		Ex62	Compressor short-circuited	▪ The drying cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Compressor short-circuited. ▪ Compressor current leakage. ▪ Faulty wiring. ▪ Main circuit board faulty.
		Ex63	Compressor alarm	▪ The drying cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Compressor disconnected (wiring or connector error). ▪ Compressor thermal cut-out has triggered. ▪ Compressor faulty. ▪ Relay error (main board faulty).
		Ex64	Compressor “sensing” circuit faulty	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	▪ Error in the compressor detection circuit. ▪ Main board faulty.
		Ex65	VSC Safety Alarm	▪ Stops cycle execution	----------

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
		Ex66	VSC motor plug not connected	▪ Stops cycle execution	▪ Motor Wiring ▪ Motor Windings ▪ VSC Board
		Ex67	VSC Current Trip Failure	▪ Stops cycle execution	▪ VSC Board - Motor Wiring ▪ Motor Connector ▪ VSC Board
		Ex68	VSC over current Failure	▪ Stops cycle execution	▪ VSC Board - Motor Wiring ▪ Motor Connector ▪ Motor mechanincal blockage ▪ VSC Board
		Ex69	VSC - motor not following	▪ Stops cycle execution	▪ VSC Board - Motor Wiring ▪ Motor Connector ▪ Motor mechanincal blockage ▪ VSC Board
		Ex6A	VSC Board overheating	▪ Stops cycle execution	▪ Motor mechanincal blockage ▪ VSC Board
		Ex6B	VSC under voltage Failure	▪ Stops cycle execution	▪ Main Board - VSC power supply wiring ▪ VSC Board Failure
		Ex6C	VSC over voltage Failure	▪ Stops cycle execution	▪ VSC BOARD Failure
		Ex6D	VSC Failure	▪ No Action	----------
		Ex6E	VSC unknown message Failure	▪ Stops cycle execution	▪ Main Board - VSC communication wiring ▪ Main Board - VSC power supply wiring ▪ Main Board or VSC Board Failure
		Ex6F	VSC Failure	▪ Stops cycle execution	▪ VSC BOARD Failure

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
0x70	NTC	Ex71	Drying NTC alarm	▪ The cycle is suspended. ▪ If it is detected before the cycle starts, the cycle start will not be permitted.	NTC1 reading out of range. ▪ Wiring failure. ▪ NTC failure. ▪ NTC reading circuit error (main board error).
		Ex72	Heaters NTC Alarm	▪ Stops cycle execution	NTC2 reading out of Range ▪ Wiring Failure ▪ NTC Failure ▪ NTC reading circuit Failure (Main Board Failure)
		Ex73	Steamer NTC Alarm	▪ Stops cycle execution	NTC3 reading out of Range ▪ Wiring Failure ▪ NTC Failure ▪ NTC reading circuit Failure (Main Board Failure)
0x80	IU	Ex83	Incorrect selector dial position	▪ No action.	▪ The code for the selector position is not recognised. ▪ Selector faulty (main board error).
		Ex86	Incorrect selector configuration	▪ No action.	▪ Incorrect selector configuration (main board failure). ▪ Selector faulty (main board error).
		Ex87	Self-diagnosis of main circuit board faulty	▪ No action.	▪ Main board faulty.
Ex90	CFG	Ex91	User interface board communication alarm	▪ No action possible.	▪ Faulty wiring. ▪ User interface board faulty. ▪ Main board faulty.
		Ex92	Inconsistent user interface board protocol	▪ No action possible.	▪ The user interface board is not compatible with the main board.
		Ex93	MCF checksum alarm	▪ The machine could not work until a right configuration file is programmed.	▪ Wrong machine configuration file.
		Ex94	CCF checksum alarm	▪ The machine could not work until a right configuration file is programmed.	▪ Wrong cycle configuration file.

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
		Ex97	Missing programme on CTF alarm	▪ Only detected when configuration is performed. ▪ Does not allow the cycle to start.	▪ Wrong selector configuration (MCF) or missing cycle on cycle table (CCF).
		Ex98	Inconsistent inverter board protocol	▪ Only detected when configuration is performed. ▪ Does not allow the cycle to start.	▪ The user interface board is not compatible with the main board. ▪ Inverter board faulty. ▪ Bad main board configuration.
		Ex9C	User interface checksum alarm	▪ No action possible.	
		Ex9E	One or more touch keys on the user interface does not work	▪ No action possible.	▪ Faulty wiring. ▪ Presence of damp on the user interface board. ▪ Board faulty.
ExB0 (ExH0)	POWER SUPPLY	ExH1	Power supply frequency out of range	▪ If detected in setup, it would not be possible cycle starting. If happens during cycle execution, it suspend working. ▪ It is automatically cleared when power supply return within right limits, it would be possible to start. If a cycle was temporary suspended due to this alarm it automatically restarts.	▪ Power supply problems. ▪ Wrong MCF. ▪ Main board error.
		ExH2	Power supply voltage out of range (too HIGH)		▪ Power supply problems - TOO HIGH VOLTAGE. ▪ Wrong MCF. ▪ Main board error.
		ExH3	Power supply voltage out of range (too LOW)		▪ Power supply problems - TOO LOW VOLTAGE. ▪ Wrong MCF. ▪ Main board error.
		ExH4	Zero Watt relay alarm	▪ The tumble dryer is working properly but the zero Watt circuit is never activated.	▪ Main board faulty.
		ExHD	Current leakage alarm	▪ The cycle is suspended.	▪ Current leakage of any actuator. ▪ Faulty wiring. ▪ Main board faulty.
		ExHE	Safety line alarm	▪ The cycle is suspended.	▪ Main board faulty.
		ExHF	Safety line sensing alarm	▪ The cycle is suspended.	▪ Main board faulty.

FAMILY		ALARM CODE	Full name	Action	Notes and possible causes
ALARMS		ExF6	Microprocessor safety reset	▪ No action possible.	▪ Main board faulty.

7 Revisions

Revision	Date	Description	Written by	Approved by - on
00	10/2010	Document creation	A.D.L.	
01	08/2015	Alarms table update	MP	