User Manual Book

Washing Machine
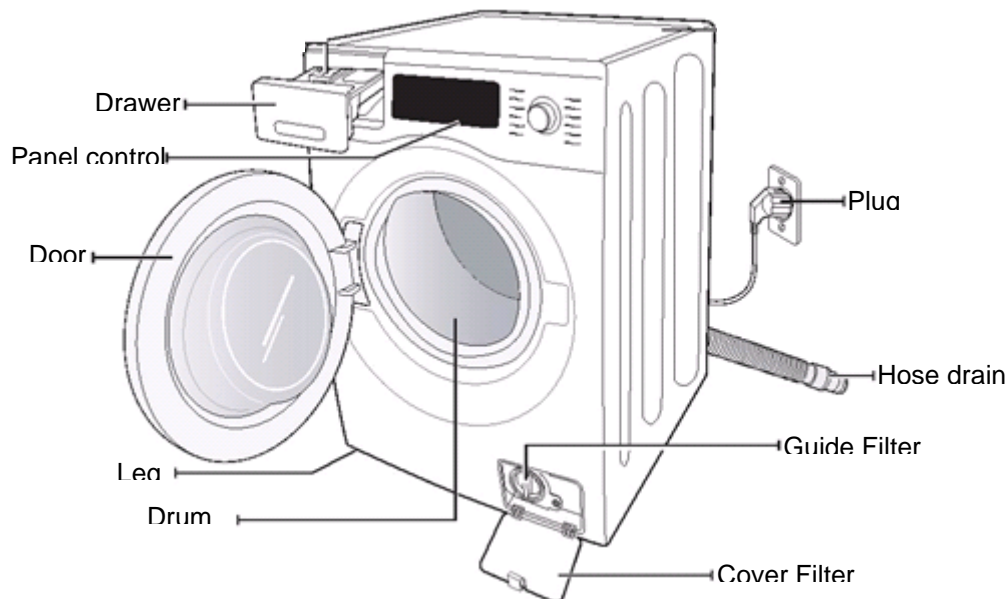
Calma Series
WF 1156

MODENA

Thank you for your trust in choosing MODENA products for your household needs. With your satisfaction as our priority, we constantly aim to deliver stylishly designed products equipped with state-of-the-art technology to assist you in your daily activities.

This is your guidebook containing everything you need to know about our product. Please reach out to us if you need further assistance or other information via our Customer Care or our official website www.modena.com.

MODENA

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Panel control

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Cover Filter
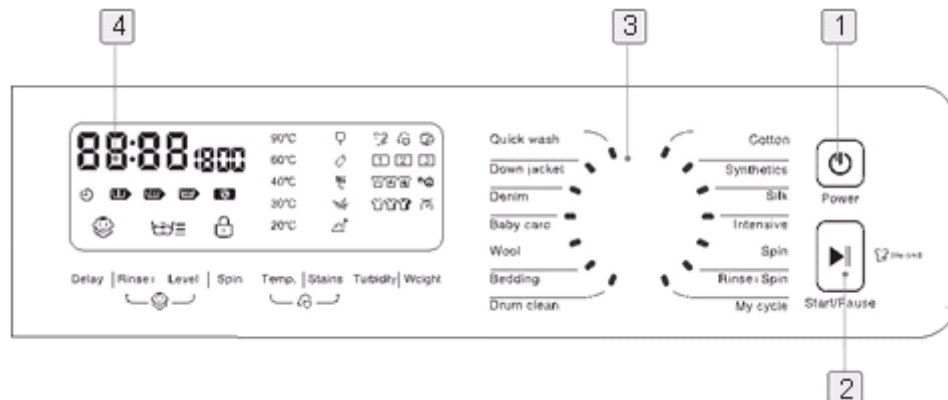
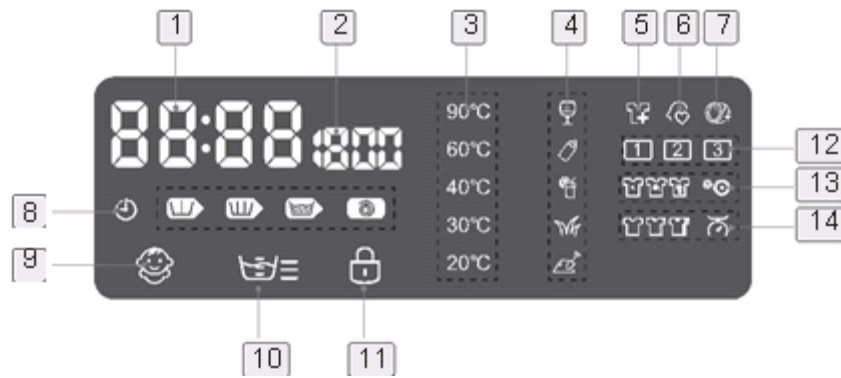* Features and accessories are depended on product series.

Part 2: Understanding Control Panel

WF 1156

Remark:

1. Power
2. Start/Pause
3. Programming knob
4. Display

Display Panel

1. Timer
2. Spin
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4. Stain display
5. Icon adding clothes
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Part 3: First Step Before Installation

When the installation is ready, make sure that the power supply has fuse with the specification of 15A, 220V, 50 Hz. When the heating function is used, the maximum current of the washing machine is 10A. Make sure the power supply (current, voltage, and cable) fills the requirement to operate this appliance on a normal load.

- The washing machine must be grounded, so whenever there is a problem, the current can be conducted to the ground and minimize the risk of short circuits. If you are not sure if the washing machine has been properly grounded or not, you can contact the experienced technician.

- The pressure of supply water is between 50kPa until 800kPa for the normal operation of the washing machine. If the water supply is too low, the input water valve may not work normally or the washing time becomes longer, and the display will show error code "SF".

- Check all connections on input water supply, valve, and faucet to avoid water leakage.

- The result of the washing machine depends on the effectiveness of the detergent. The dirt on the clothes may not be able to vanish by using bad quality detergent. Please clean the dirt on the clothes like explained on this book before being washed by washing machine.

Part 4: Installation

Take the washing machine out from the cardboard box and put it on a flat and sturdy floor. Don't place the washing machine on an incline, not flat, on the carpet, or on the wooden floor. Don't place the washing machine outdoor, and avoid a humid place that can cause damage.

1. Loosen all bolts behind the washing machine

- For transportation purposes, this washing machine is locked with added polyfoam. Before operating the washing machine, loosen all bolts like the picture on the right.

- Fill the holes with supplied covers at the back of the washing machine.

- Keep the polyfoam and bolts for transportation purposes and use it again before transporting the washing machine.
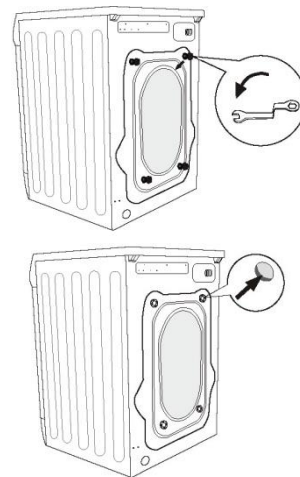
2. Leg adjustment
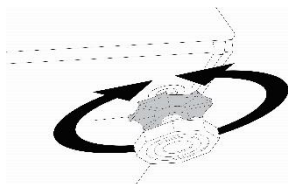
- For a stable operation, place the washing machine on a flat surface.

- Your washing machine is equipped with legs that can be adjusted. If the floor surface is not flat, loosen the leg bolts manually and adjust the height of the legs to stabilize the washing machine.

- Turn left to raise and turn left to lower.

- After the washing machine is stable then tighten the leg bolts.

3. Connecting the water supply hose
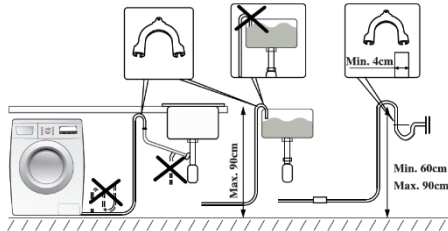
a) Water supply hose
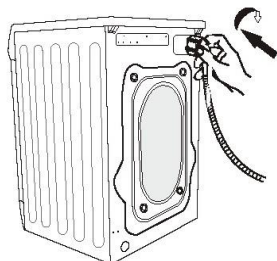
- Connect the water hose to the water inlet on the back of the washing machine.
- Connect the other side of the hose with the faucet.
- Don't pull the hose if it is too short. Change to a longer hose.
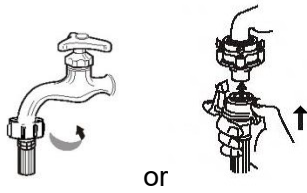
or

- Check if there is leakage on the connection with the faucet.

b) Drain hose

- We recommend you to use a drain hose attached to the machine and directly inserted into the floor drain with the width of the entry is no less than 4 cm.
- If you don't have a direct floor drain, the drain hose can be connected to the sink hose drain with the width of the sink entry shall not less than 4 cm or directly to the sink with a maximum height of 90 cm.
- If the drain hose is too long, it can cause the washing machine doesn't work optimally.

4. Connecting with electricity

- Make sure the voltage used is 220 volts and 50 Hz.
- Insert the power cord to the socket that is connected to the ground.
- Avoid using extension cables, adapters and multiple sockets.

!
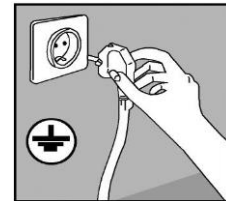
Attention!

Before operating the machine, it is suggested to check things as follows:

- Is the washing machine door closed properly?
- Is the water faucet opened?
- Is the drain hose placed correctly?
- Is the electricity connected?

Part 5: How to Use

In every washing make sure that:

- The connector of water supplies are safe, the water tap is turned on and the drain hose has been placed in the right position.

- Cycle Options (P) or the power button is OFF.

- Then, with dry hands, plug the power cord into the socket.

- Sort / sorting clothes to be washed by the type of fabric / material.
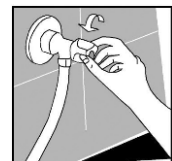
- Make sure there are no objects (such as coins, safety pins, etc.) in the pocket of the laundry that will be washed because it may damage the washing machine, filters, and clothes itself.
- Open the washing machine door.
- Put in the clothing that will be washed (make sure the weight of the clothing put into the washing machine does not exceed the capacity of the washing machine) and close the washing machine door.
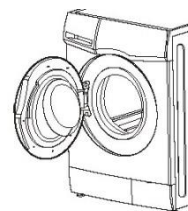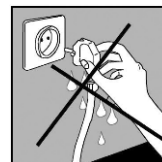
Detergent Drawer

The detergent drawer contains these parts:

- Detergent container for prewash ⊔⊔ → Powder detergent
- Detergent container for main wash ⊔⊔ → Powder or liquid detergent
- Container for softener ❁
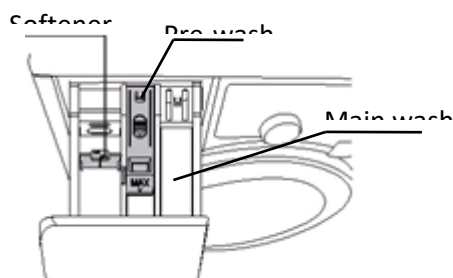
Caution: Don't open the drawer during washing process.

Operating the Washing Machine

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- **Choosing the Program**
  Choose the program according to the type of the laundry by rotating the program knob. The recommended temperature and the speed of the spin will be displayed. Press the "Start/Pause" button to start the washing program.

  > **Attention:**
  > ! During the washing, It is recommended to sort the laundry and choose the program based on the type of fabric, colors, and the temperature of the water. (look at the label of the clothing)

  - **Main programs**
    Based on the type of fabrics, these are the available main washing programs:
- **Cottons**
  This program is used for washing cotton textiles, underwear, towel, shirts, tablecloth, etc.
- **Synthetics**
  This program is suitable for washing synthetic clothes such as: jacket, shirts, trousers, etc.
- **Bedding**
  This program is used for washing blanket, bedspread with less than 2 kg.
- **Wool**
  This program is used for washing wool materials (which can be washed with a washing machine) and the likes. Use detergent that suitable for wool. Select the temperature and washing method according to the treatments listed on the labels of clothes.
- **Intensive**

You can wash your durable and heavily soiled clothes on this program. In this program, your clothes will be washed for a longer time and an extra rinse cycle will be made compared to the "Cottons" program. You can use it for your heavily soiled clothes.

- **Quick wash**
  This program is used to shorten the washing time. Use this function for a small amount of laundry with low dirty level.
- **Baby care**
  This program is used to vanish the remaining detergent with high temperature water, so the clothes is safe for baby or for people with sensitive skin.
- **Down Jacket**
  This program is suitable for washing down feather clothing (not applicable to pillow or quilt).
- **Denim**
  This program is used for washing clothes like jacket or trousers made from denim. The mechanical movement and spinning speed is lower to keep the clothes from getting damaged.
- **Silk**
  Program to washing machine-washable silk clothing.
- **Spin**
  Program to spin spare water from laundry.
- **Rinse + spin**
  Suitable for laundry that uses spin only or spin with softener.
- **My cycle**
  After selecting "My style", any common or special washing program can be designed and memorized, thus bringing convenience and quickness in washing the clothing of the same kind next time..

- **Additional Program**
  For certain condition, below programs can be used::
  Attention: Additional program can be different depending on product type.

  - **Rinse +**
    Suitable for adding extra rinse on washing cycle, and it can minimalize the remains of detergent on clothes. So that the bad effect of remaining detergent can be minimized on sensitive skin (baby, allergic, etc.). The maximum additional rinse is five times.

  - **My style**
    After selecting this function, any common or special washing program can be designed and will be memorized.
    It will bring much convenience when washing the clothing of the same kind. (Set this function according to the water temperature, spin speed and degree of dirt, etc.) Setting method of My cycle:
    1. Press "Power" button to start the washing machine
    2. Select the desired washing program by rotating "Program" knob, and set the other parameters
    3. Press "Temp." and "Stains" buttons and keep for 3 seconds, the current program and option settings will be saved, and LED light will be on

When washing the clothing of the same kind next time, the saved washing program and option settings will be chosen automatically after selecting My cycle. You may repeat the above steps to modify the settings of My cycle.

  - **Time Delay**
    This function makes it possible to delay the start time up to 24 hours. The setting can be made at intervals of 30 minutes. This function can be activated by following these steps:
    1. Press "Delay" button to select the desired delay time.
    2. Press "Start/Pause" to activate this function.
    3. Press "delay" and "power" to cancel this function.

- **Drum Clean**

If the light is on, the inner drum of washing machine needs cleaning.

This cycle is specially set in this machine to clean the drum and tube. It applies 60/90°C high temperature sterilization to make the drum and tube cleaner. With proper amount of chlorine bleaching, the barrel cleaning effect will be better. When you run this program, we suggest not to put any clothes, you can use this procedure regularly after every usage.

- **Level water**

Press the "Level" button to select an appropriate water level according to the quantity and type of clothing. Set the water level at "0-1-2-3" position by the "Level" button. When the water level is at "3" position, press the "Level" button again to cancel the increase of water level. In the process of setting, the icon on LCD displays the increase or decrease of water level.

- **Turbidity**

Select proper turbidity according to the level of dirt on clothing.

Note: Selecting "Stains" button after proper setting, will cause the turbidity to return to the default level.

- **Weight**

Select proper weight according to the type and weight of clothing. Press the "Weight" button to set three levels - less, medium, more, or select automatic weight alternatively.

- **Child Lock**

Child Lock function can be set to prevent the reach of children.

This function can lock the buttons other than "Power". In this way, the selected washing program will not be changed due to any miss-operation of a child to avoid its failure to run normally.

Setting method of Child lock:

During the program running, press "Rinse+" and "Level" buttons together for more than 3 seconds, this function will be selected and Child lock indicator light will be on.

Cancellation method:

Press "Rinse+" and "Level" buttons together and keep for more than 3 seconds once again, this function will be cancelled.

- **Temperature adjustment**

  Temperature has been set automatically for each programs and will be displayed, but it can be set according to the needs and the washing program by push "Temperature" button which the increment level is around 10°C. For cold display the display will show "_".

90°C	For laundry with normal dirtiness levels, white cotton material and linen materials
60°C	For laundry with normal dirtiness levels, clothes made from linen (not faded), cotton or synthetic garments made of linen with a mild degree of dirtiness.
40°C 30°C Cold	For the laundry with mixture garments include synthetic and wool or other soft fabric clothes.

- **Time Display**

  The display will show the time needed for finishing one cycle program. The duration can be different from washing machine program, this condition can be caused by different water pressure, temperature, water contents, and the amount of laundry, additional program chosen and the voltage of power supply.

- **Start the washing program**

  For choosing the program please follow below steps:
  1. Connect the cable to power supply.
  2. Choose the program by rotating program knob..
  3. Adjust the spin speed and another additional program if it is wanted.
  4. Push START/PAUSE button to start program.

5. The symbol related to program (start symbol, door lock, etc.) will be showed in display.

Program progress
The progress and the temperature are shown on the lighted up indicator. Display shows the estimated washing time.

Change the washing program
In order to change the current washing program to a new washing program, you can follow these steps below:
1. Push and hold "START/PAUSE" button for 3 seconds to stop and cancel the previous program (ex: "Cotton")
2. Rotate the program knob to the new program (ex: "Wool ")
3. Then push "START/PAUSE" button to start the program.

- **Adding or taking the laundry out.**
   Push **Start/Pause** button to change the status to Pause. The indicator lamp related to the program is blinking. Wait until the door can be opened. Open the door and add or take the laundry out. Close the door again. Reset again the additional program, temperature, and speed if needed. Push Start/Pause button to start the washing process again.
   Attention: Door can't be opened if the temperature or water level is too high.

- **Ending Program**
   When the washing process is end then the chosen program symbol will turns on and the display will show "00", which indicate that the process has ended.

Part 6: Maintenance

MODENA washing machine is specifically designed for long term use. Thus it does not require complex treatment. However, there are some things that recommended for your washing machine to make sure the quality of the washing machine is maintained.
Previously, make sure to:

1.Unplug the power plug from the wall socket   2. Turn off the water tap.
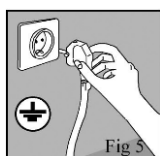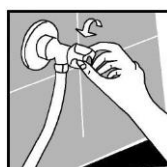
Clean the cabinet, doors rubber and washing machine door	- Clean the cabinet of the washing machine regularly with a soft wet cloth. Then dry with a soft and dry cloth. - Clean up all the rubber doors and door part of the washing machine after each washing with a soft, dry cloth.
Cleaning Soap Detergent Drawer periodically	- Clean the detergent drawer if there is a pile of powder detergent in the drawer - To clean it, remove the detergent drawer out of its place by pressing the hook and pull the drawer together from its place (a strong pull is required in order to pass through the stopper). - Clean the drawers by putting them under running water then clean it with a dry cloth. Do not use solvents to clean. **Note:**
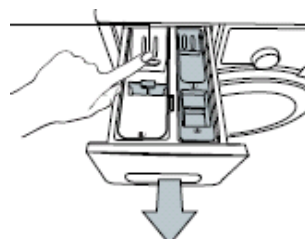
If more than normal amount of water and softener mixture starts to gather in the softener compartment, the siphon must be cleaned

- Wash the detergent drawer and the siphon with plenty of lukewarm water in a washbasin. Wear protective gloves or use an appropriate brush to avoid touching the residues in the drawer with your skin when cleaning.
- Insert the drawer back into its place after cleaning and make sure that it is seated properly.
- If your detergent drawer is the one indicated in the following figure:
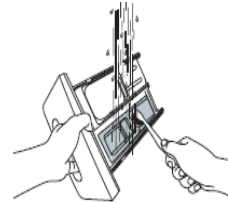
Note: Lift the rear part of the   siphon to remove it as illustrated. After performing the above   mentioned   cleaning   procedures, replace the siphon back to its seating and push its front section downwards to make sure that the locking tab engages.
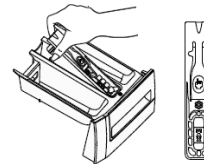
Empty the water in emergency	If the washing machine cannot work normally or there is a power outages when the washing machine is working and there is the rest of the water in the tube washing machine, then to empty the remaining water follow the procedures below:	

- Turn off the water faucet and turn the Cycle button to OFF position.

- Wait until the water in the washing machine to cool down. Put a water container.

- Open the filter cover.
- Rotate the dryer hose cover.
- Pull the dryer hose water.
- Remove the water drying hose cover then put the hose to the container and let the water flow naturally.

Cleaning   the Pump Filter

- Clean the pump filter regularly. Make sure the washing machine is empty and there is no water in the tube. Ensure that electrical current has been disconnected
- To clean it, place the container or cloth under   a cover or filters to accommodate the remaining water disposal.

- Remove the filter by turning it counter-clockwise and pull out.
- Rinse the filter by putting it under running water. Make sure that the particles contained in the filter have been lifted.
- Replace the filter into its place by turning it clockwise until it clicks into position.
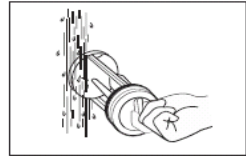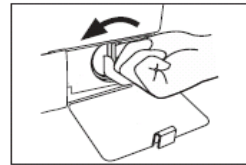
To clean the water entry filter

- Clean the water entry filter on a regular basis or if the water filling time is too long.
- Close the tap water and remove the water inlet hose by turning it counter clockwise.
- Clean the filter on the back of the washing machine with a soft brush and rinse it with water.
- Reinstall the water inlet hose as before.
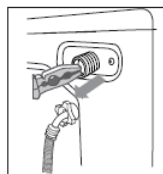
Cleaning the loading door and the drum

- Residues of softener, detergent and dirt may accumulate in your machine in time and may cause unpleasant odors and result of unclean laundry.
- To avoid this, use the **Drum Cleaning** program. If your machine is not featured with **Drum Cleaning** program, use Cottons-90 program and select **Additional Water** or **Extra Rinse** auxiliary functions as well.
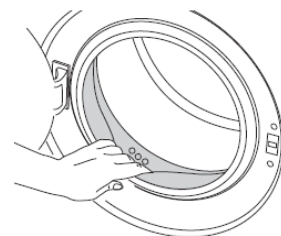
- Run the program without any laundry in the machine. Before starting the program, put max. 100 g of powder anti-limescale into the main wash detergent compartment. If the anti-limescale is in a tablet form, put only one tablet into compartment main wash.
- Dry the inside of the bellow with a clean piece of cloth after the program has ended.

Note: Repeat Drum Cleaning process in every 2 months. After every washing make sure that no foreign substance is left in the drum.
If the holes on the bellow shown in the figure is blocked, open the holes using a toothpick.
Foreign metal substances will cause rust stains in the drum. Clean the stains on the drum surface by using cleaning agents for stainless steel. Never use steel wool or wire wool.

Warning: Never use sponge or scrub materials. These will damage the painted and plastic surfaces.

Part 7: Precaution Action
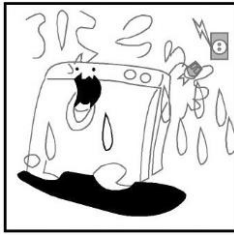
Do not pull or plug in the plug to the socket with wet hands.

The washing machine must be connected with the electric source that has been grounded..
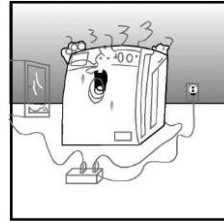
Do not use the branched wiring with other electrical tools.
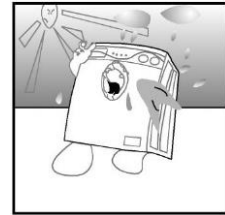
Do not place the washing machine in a place with direct sunlight or near other heat source.
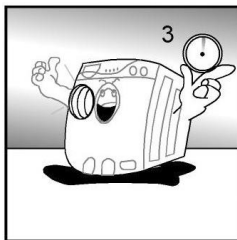
The washing machine door cannot be opened until 3 minutes after the cycle is over or the washing machine is turned off.
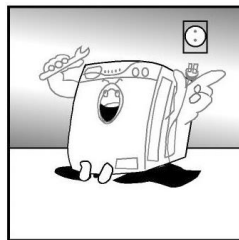
For maintenance, plug out the washing machine from electric current
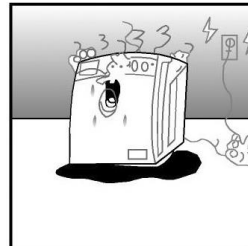
Do not pull the cable to remove the plug from the power socket.
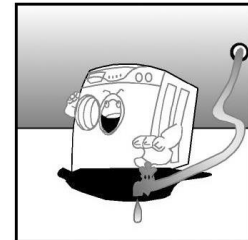
After it is used, it is suggested to plug out the electric cable from the socket, turn off the water faucet and close again the washing machine door.
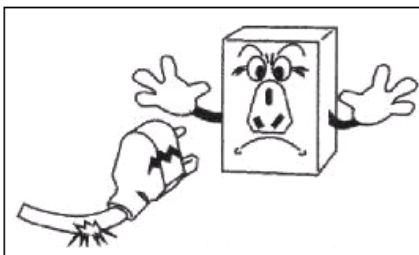
Do not use damaged power cord or plug, especially if the plug cannot fit to the outlet.
If there is damage to the power cord immediately contact the MODENA call center for replacement. Replacing the power cord must be done by personnel with experience and understanding of electricity. Never replace the power cord by yourself, due to the dangers that could lead to harm to you and the others.

This appliance cannot be used by children and persons with limited physical, sensory or mental capabilities or lack of experience and knowledge.
The glass on the door of the washing machine may become hot when using programs with high temperatures. Keep the unit out of the children. Children are forbidden to play with this appliance and should be watched closely.

Part 8: Troubleshooting

Program cannot be started or selected.	- Machine may have switched to self protection mode due to an infrastructure problem(such as line voltage, water pressure, etc). Reset your machine by pressing 'Start/pause'button for 3 second.
Vibrate and eject noise	- Machine might be standing unbalanced. Adjust the feet to level the machine. - A hard substance might have entered into the pump filter. Clean the pump filter. - Transportation safety bolts are not removed. Remove the transportation safety bolts. - Laundry quantity in the machine might be too little. Add more laundry to the machine. - Machine might be overloaded with laundry Take out some of the laundry from the machine or distribute the load. by hand to balance it homogenously in the machine. - Machine might be leaning on a rigid item. Make sure that the machine is not leaning on anything.
Machine stopped shortly after the program started.	- Machine might have stopped temporarily due to low voltage. It will resume running when the voltage restores to the normal level.
Program time does not countdown. (On models with display)	- Timer may stop during water intake. The timer indicator will not countdown until the machine takes an adequate amount of water. The machine will wait until there is a sufficient amount of water to avoid poor washing results due to the lack of water. Timer indicator will resume countdown after this. - Timer may stop during heating step. Timer indicator will not countdown until the machine reaches the selected temperature . - Timer may stop during spinning step. The automatic unbalanced load detection system might be activated due to unbalanced distribution of the laundry in the drum. Machine does not continue to spinning step when the laundry is not evenly distributed in the drum to prevent any damage to the machine and to its surrounding environment. Laundry should be rearranged and re-spun.

Foam is overflowing from the detergent drawer.	- Too much detergent is used. Mix 1 tablespoonful softener and ½ l water and pour into the main wash compartment of the detergent drawer.
Laundry remains wet at the end of the program	- Excessive foam might have occurred and automatic foam absorption system might have been activated due to too much detergent usage. Use recommended amount of detergent

If there is an error code on the digital display, the explanation is below:

Problem Code	Description	Solution
dF	The door lock is not perfect	Please make sure that the door is perfectly closed. If there is still problem, please contact the call center.
SF	Water supply is not normal	Check if water supply is active. Check is the faucet is good. Check the water pressure.
_F	Water draining is not normal	Check if the drain hose is connected well. Clean the drain filter
HF	Abnormal water heating tube	Contact the call center
rF	Abnormal motor	Contact the call center.
⁻F	Water level is high	Check the drainage pump
CE	Abnormal communication between computer board and motor	Contact the call center.
tF	Abnormal temperature sensor	Contact the call center.
3C 3H	Computer board fault	Wait for interference to disappear, restart the machine after power off. Contact the call center.
UF	Alarm	Check and adjust the position of the load. The load should be balanced.

Part 9: Specification

MODEL	WF 1156
Type	Front Loading
Capacity (kg)	11
Spin speed (rpm)	1400
Color	Grey
Inner drum material	Stainless
Number of washing program (+ drying)	14
Display	LED
Self-clean	Yes
Temperature adjustment	Yes
Quick Wash	Yes
Extra rinse	Yes
Without spin program	Yes
Child lock	Yes
Door lock	Yes
Power consumption with cold water (watt) *	150
Spin power consumption (watt)	600
Power consumption with hot water (watt) **	2000
Voltage (Volt)	220
Frequency (Hz)	50
Water pressure (KPa)	50 ~ 800
No load water consumption (liter) **	72
Washing time (minute) **	99
Shock Absorber	Yes
Adjustable legs	Yes
Lint Filter	Yes
Dimension(L x W x H) mm	650 x 598x 850
Weight (Kg)	77

* Without Spin ** Data on Normal Washing Program
W= White   S = Stainless   V = Silver   G = Grey   L = Black
Specifications of this appliance may change without notice to improve the quality of the product. The pictures in this manual are schematic and may not exactly match your product. Values stated on the machine labels or in the documentation accompanying it are obtained in laboratory in accordance with the relevant standards. Depending on operational and environmental conditions of the appliance, values may vary.

Notice the wash code symbols on attached clothing labels. In taking care of your clothes, preferably before washing by the machine, you need to pay attention to the wash code symbols on the label attached to your clothing, the description is outlined below:

Symbol	Description	Symbol	Description
	Normal wash action		Washing temperature max. 95 °C
	Gentle wash action		Washing temperature max. 60 °C
	Washing by hand		Washing temperature max. 40 °C
	Do not wash		Washing temperature max. 30 °C
	Bleach		
	Chlorine bleach can be used		Do not give the bleach
	Ironed		
	Can be ironed until 200 °C		Can be ironed until 100 °C
	Can be ironed until 150 °C		Do not ironed
	Dry cleaning		
	Dry cleaning with all abstergent		Dry cleaning with besin, pure alcohol and R111
	Dry cleaning with perchloride, petrol, pure alcohol, R111 and R113		Do Not dry clean
	Drying		
	Drying by stretched		Drying with machine dryer at high temperatures
	Drying by swing		Drying with machine dryer at low temperature
	Drying using hangers clothing		Do not dry using the dryer

Appendix 2: Helpful Instructions in Removing the Stains

Stain removal instructions below are approximate and can only be used on clothing / materials that can be washed.

	Alcoholic Beverages : Clean up material with water first, then use the liquid and rinse water-glycerine with a vinegar-water liquid.
	Blood Spot: Soak the clothes for 30 minutes in cold water. Use liquid ammonia to remove stains. (4 liters of water - 3 tablespoons of ammonia)
	Shoes polish: Without damaging the material, removes stain carefully by rubbing it with detergent. If this does not help, provide the water and liquid alcohol (2:1) and rub the material, then wash with warm water.
	Ice-cream, Milk and Cream: Put the clothes in cold water for a few moments. Rub with detergent, and rinse with warm water. If there is residual fat, get rid of it using oxygen water.
	Tea and Coffee: Pour hot water on the stain. If the material is white, pour a little bleach and rinse with water.
	Chewing Gum: Harden the gum stains by putting ice on it. Then wash the stain carefully.
	Moss: Do not let stains moss materials for too long. Put the clothes into the cold water for a few moments, rub with detergent, and rinse with warm water. If there is residual fat, eliminate using the oxygen water.
	Chocolate: Soak the clothes in cold water for a few moments. Rub with detergent, and rinse with warm water. If there is residual fat, get rid of it using oxygen water.
	Fruit: Pour cold water on the stain and do not use warm water to rinse it. Let it be for 2 minutes and remove the stains with white vinegar and rinse it.
	Tomato paste: Rub hardened tomato paste and soak it in cold water for 40 minutes. Rub with detergent and then rinse.
	Ink: Wet the stain on the clothes with cold water and wait until the ink stain lost. Then rub with lemon juice and detergent. Let the stains for 5 minutes and rinse the clothes.

	Eggs stain: If the stain hardens, scrub and remove stains with a soft cloth. Then rub with detergent and rinse with cold water.
	Grass stain: Rub stain with detergent. If possible, use bleach. For wool , use alcohol for good results.
	Oil / Fat Stain: Scrub the stain with detergent and rub it. Then, wash the material with warm water.
	Paint : Use paint thinner to remove the stain. Put on cotton wool. Rub stain with detergent and rinse with cold water.
	Mustard: Use glycerin and rub material with detergent. If unsuccessful, remove the stain with alcohol. (Colored and synthetic materials need 2 cups of water and 1 cup of alcohol liquid).
	Burn Stain: Use bleach if possible. For wool, give oxygen water to the stain and scrub. Rinse and wash material.

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