



AUTOMATIC COFFEE MACHINE

ELECTRIC CHARACTERISTICS

120V~ 60 Hz 1500 Watts

Please read this manual carefully before operating your unit and retain for future reference.

“Recipe book not included”

814100611

DeLonghi

DESCRIPTION OF APPLIANCE

- A. Beans container and pre-ground coffee lid

B. Pre-ground coffee funnel

C. Beans container

D. Pre-ground coffee funnel seat

E. Water tank lid

F. Water tank

G. Control panel

H. Coffee spout

I. Infuser

L. Tray assemble
- M. Cup holder

N. Cup tray

O. Drip tray water level indicator

P. Disposal water container

Q. Coffee grounds container

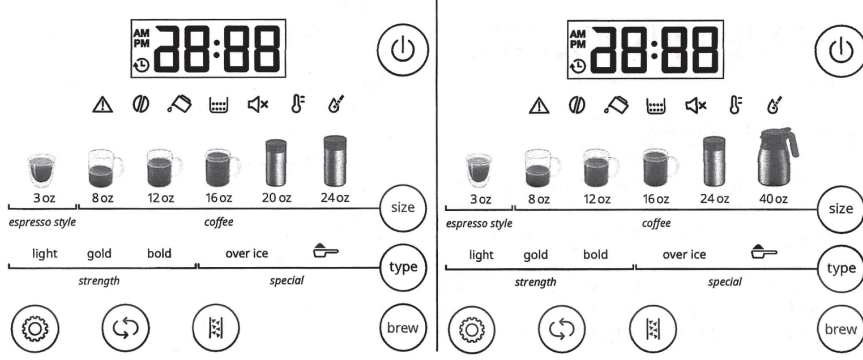
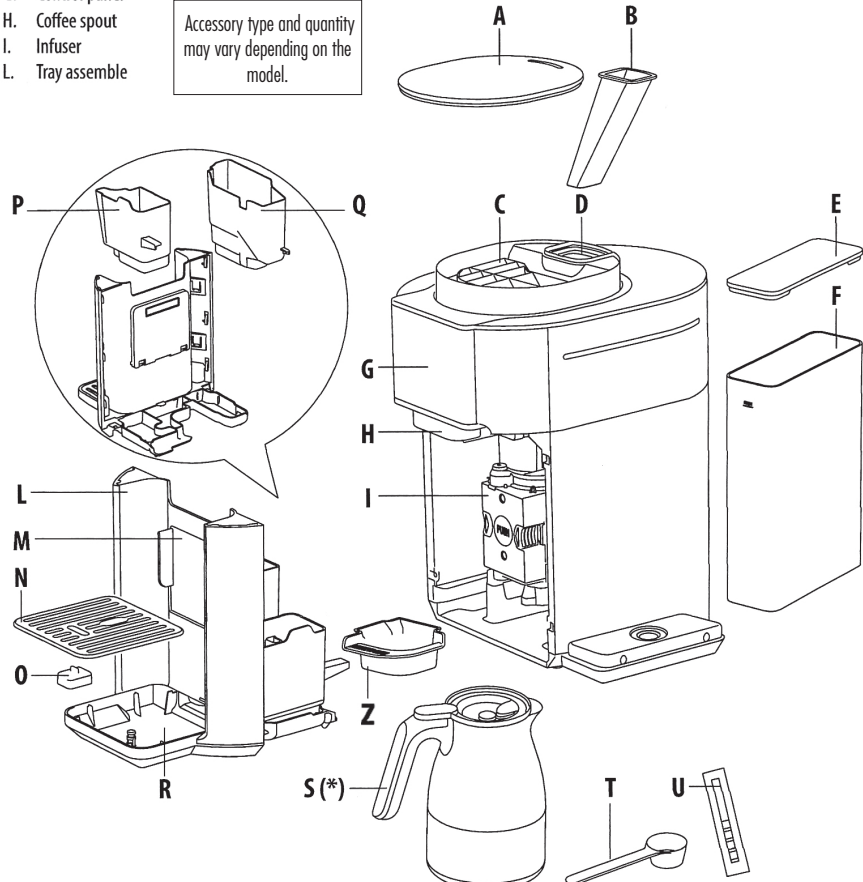
R. Drip tray
- S. Carafe (* some models only)

T. Ground coffee measure

U. “Total Hardness Test” indicator paper

Z. Draining tray

Accessory type and quantity may vary depending on the model.



Note: The actual descriptions of control panel and their locations may vary depending on the model.

IMPORTANT SAFEGUARDS

When using any electrical appliance, some basic safety precautions should be observed. Specifically:

- Read all instructions carefully.
- Make sure the voltage of your electrical system corresponds to the voltage shown on the bottom of the machine.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug, or appliance in water or other liquid.
- Keep the appliance out of the reach of children and do not leave appliance unattended while in operation.
- Disconnect the plug from the power outlet when the machine is not in use and before cleaning.
- Do not operate the machine with a damaged cord or plug, after faulty operation, or when it has been damaged in any way. Contact Service Center.
- The use of accessories not recommended by the manufacturer may result in fire, electrical shock, or personal injury.

- Do not use the machine outdoors.
- Make sure the power cord does not hang over the edge of the table or counter-top to avoid getting accidentally caught or entangled.
- Do not place the machine or its electrical parts on or near electric stoves, cooking surfaces, or gas burners.
- Plug cord into the wall outlet. To disconnect, first turn machine “off”, then remove plug from wall outlet.
- Do not use this machine for any purpose other than its intended use. This appliance is for household use only. The manufacturer declines all responsibility for any damage caused by improper, incorrect, or irresponsible use.

WARNING: To reduce the risk of fire or electric shock, do not remove the cover or the exterior of the unit. Don't attempt to repair or modify the machine, doing so will void the warranty. Repair should be done by authorized service personnel only!

SAVE THESE INSTRUCTIONS

THIS APPLIANCE IS FOR HOUSEHOLD USE ONLY

SHORT CORD INSTRUCTIONS

- A short power cord is provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
- Longer, detachable power supply cords or extension cords are available and may be used if care is exercised in their use.
- If an extension cord is used, the marked electrical rating should be at least as great as the electrical rating of the appliance. If the appliance is provided with 3- wire, grounding type cord, the extension should be a GROUNDING TYPE 3 - WIRE CORD. The longer cord should be arranged so that

it will not drape over the counter-top or table top where it can be pulled on by children or tripped over.

- Your product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

INTRODUCTION

Thank you for choosing this coffee machine. We hope you enjoy using your new appliance. Take a few minutes to read this Instruction for Use. This will avoid all risks and damage to the appliance.

Note: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

BEFORE USE

Checking the appliance

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact Service Center.

Installing the appliance

When you install the appliance, you should respect the following safety warnings:

- The machine gives off heat. After positioning the machine on the worktop, leave a space of at least 1.18 in / 3 cm between the surfaces of the machine and the side and rear walls and at least 5.6 in / 15 cm above the coffee maker.
- Water penetrating the machine could cause damage. Do not place the appliance near taps or sinks.
- The appliance could be damaged if the water it contains freezes. Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the cord in such a way that it cannot be damaged by sharp edges or come with contact with hot surfaces (e.g. electric hot plates).
- Adjust the cord length and store the excess in the cord guide under the machine.

Connecting the appliance

Check that the mains power supply voltage corresponds to that indicated on the rating plate on the bottom of the appliance. Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 10A only. If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.

The first time you use the appliance, rinse with hot water all removable accessories which may come into contact with water. The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.

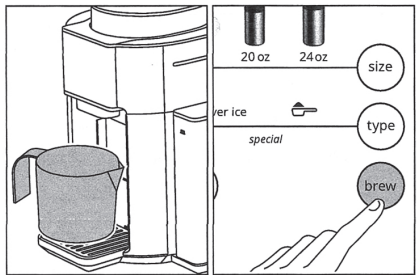
Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the grinder. The machine is, however, guaranteed to be new.

FIRST USE

- Connect the appliance to a mains socket. The **brew** button blink and the **auto-on** icon lights on.
- Remove the water tank (F), fill to the MAX level (marked on the tank) with fresh water, then put the tank back in the appliance correctly.



- Place a container holding a minimum of approx 7 fl oz/200 ml underneath coffee spout (H).
- Press **brew** button. The appliance delivers water from the coffee spout.



The coffee machine is now ready for normal use.

The first time you use the appliance, you need to make some coffees before it starts to give satisfactory results.

Please note: If no water is delivered from the coffee spouts and the **brew** button keeps flashing, press the **brew** button again.

SETTINGS

Pressing **settings** button it is possible to set: AM-PM or 24h, hours and minutes, acoustic signal, temperature, water hardness and auto-on.

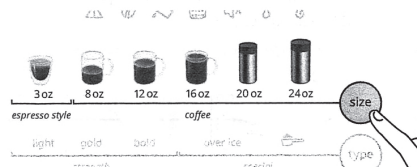
Set the time:

- Press **settings** button; AM is displayed. Press **hour** button to set AM, PM or 24h.
- To set the time press **hour** button; the hour blink; press **hour** button to set the desired hour. Press **settings** button again; the minutes blink; press **hour** button until the desired minutes is displayed.

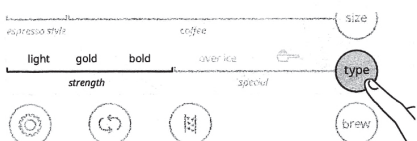
Auto-on:

The appliance will deliver the selected drink at the set time; place a cup or a mug under the coffee spout. Auto-on has to be activated new every time, after the preparation in auto-on mode the auto-on function is reset.

- Press **settings** button; the **auto-on** icon blink;
- press **auto-on** button; the **auto-on** icon is lights up;
- press **settings** button; the size of beverages and type of coffee icons lights up;
- press **size** button to select the desired coffee quantity;



- three levels of strength (light, gold and bold) lights up;
- press **type** button to set the desired levels of strength;



- press **confirm** button to confirm;
- the hour blink;



- press **hour** button to set the desired hour and press **confirm** button to confirm;
- the minutes blink;



- press **minutes** button to set the desired minutes and press **confirm** button to confirm;
- the **auto-on** icon stays on.

Please note: The settings are saved. To check your settings press **confirm** icon.

Short cut auto on: Press the **auto-on** button for 3 seconds to enable or disable your settings.

Acoustic signal:

- Press **settings** button; the **acoustic** icon is lights up. Press **auto-on** button to enable (the **acoustic** icon blink) or disable (the **acoustic** icon is lights up) the acoustic signal.

Set coffee temperature:

- Press **settings** button; the **temp** icon is lights up. Press **auto-on** button to set the desired temperature (1-low, 2-medium or 3-high). When you scroll to exit menu the icon blinks to confirm the actual setting, when the clock appears again on the display the setting is completed.

Water hardness:

- Press **settings** button; the **water** icon is lights up. Press **auto-on** button to set the water hardness (1, 2, 3 or 4).

Measuring water hardness:

- Remove the total hardness test indicator paper from its pack.
- Immerse the paper completely in a glass of water for one second.
- Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to one level.

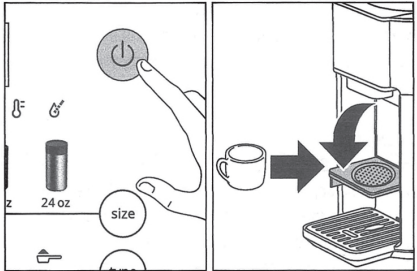
■	level 1	soft water
■ ■	level 2	slightly hard water
■ ■ ■	level 3	hard water
■ ■ ■ ■	level 4	very hard water

Auto-off:

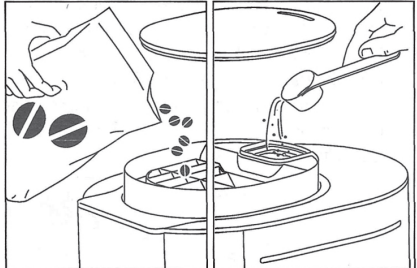
After 30 minutes the appliance switches off automatically; this setting cannot be changed.

MAKING COFFEE

- Fill the water tank (F) with fresh water.
- Press **power** button. The appliance is ready for use when the main screen appears.
- Open the cup holder (M) and place a cup or a mug under the coffee spout (H). If using the carafe (S) (some models only), place it directly on the cup tray (N).



- Fill the beans container (C) with coffee beans. The **beans** icon lights on when the beans container is at the minimum level. To prepare pre-ground coffee, add pre-ground coffee in the pre-ground coffee funnel seat (D) using the measure (T) (see table of suggested quantities).



- Press **size** button to select the desired coffee quantity; espresso style 3 oz and 6 different quantities of coffee. The selected beverage lights on:

The images shown in this manual are for illustrative purposes only and may be subject to change.

 3 oz	espresso style
 8 oz	
 12 oz	
 16 oz	
 20 oz (some models only)	
 24 oz	coffee
 40 oz (some models only)	

- Press  button to select the type of coffee; three levels of strength (light, gold and bold) and two special ( and over ice). The selected beverage lights on:

light	strength
gold	
bold	
 (preground)	special
over ice	

Preground coffee:

- To prepare pre-ground coffee, select .
- Add pre-ground coffee in the pre-ground coffee funnel seat (D) using the measure (T).
- Press  button. The appliance delivers the selected beverage.
The pre-ground coffee can be selected only with 3oz, 8oz, 12oz and 16oz size.

Coffee cup quantity	Ground coffee measure (0.25oz / 7g)
3 oz	2
8 oz	2
12 oz	3
16 oz	4

Do not exceed these suggested quantities.

Over ice:

- To prepare over ice beverage select ‘over ice’.
- Press  button.
- Press  button to choose three levels of ‘strength’ (light, gold and bold) and . If not selected, after 5 seconds the control panel returns to the main screen.
- Fill a large cup or a mug with ice cubes.

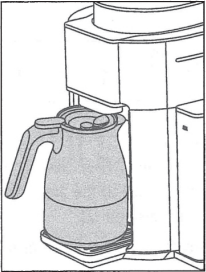
Coffee cup quantity	Ice cube quantity (*)
3 oz	2
8 oz	6
12 oz	9
16 oz	12
20 oz (some models only)	15
24 oz	18
40 oz (some models only)	30

(*) An ice cube about 16 g of water

- Press  button. The appliance delivers the selected beverage.
- To turn the appliance off, press the .
- The appliance automatically performs internal rinse cycle.

CARAFE (S) (some models only)

Ensure your carafe (S) is clean and empty before brewing. Residual coffee will affect the taste and can cause overflow. Lock the carafe lid and place the carafe under the coffee spout.



Pre-heating

To obtain best results it is recommended to pre-heat the carafe or cup.

A pre-heated carafe will help maintain the coffee’s optimal temperature and keep coffee hotter for longer time. To pre-heat the carafe fill it with hot water, wait about 30 seconds and empty the carafe.

Cleaning the carafe

After each use and before brewing a new preparation, empty the carafe. Rinse the carafe and the carafe lid under warm running water. We also recommend regularly washing the carafe in warm, soapy water using a soft bristled brush. Rinse and dry. Do not use abrasive pads, cloths or cleaners which can scratch the surface.

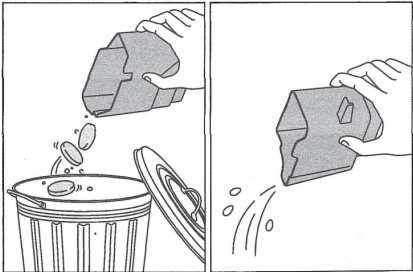
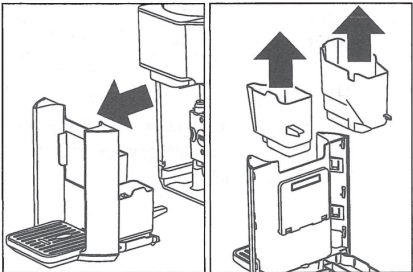
CLEANING

Important: Before maintenance or cleaning of the appliance, turn off and unplug. Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. Do not use metal objects to remove coffee deposits as they could scratch metal or plastic surfaces. Disposal water container (P), coffee grounds container (Q) and carafe (S) can be washed in a dishwasher, the other components of the machine are hand-wash only.

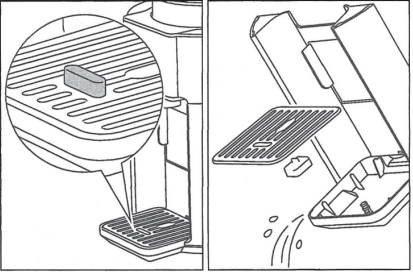
The following parts of the machine must be cleaned regularly:

- Coffee grounds container (Q):** When the coffee grounds container (Q) is full the  icon lights on.

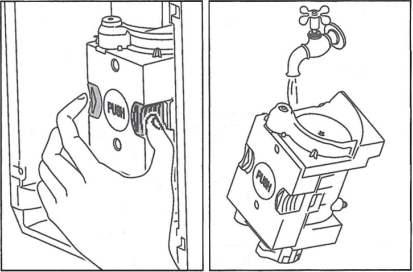
To access to the components remove the tray assemble (L). Extract and empty the grounds container and clean thoroughly to remove all residues left on the bottom. It is normal to find small amount of ground coffee residues inside the unit or around the infuser. The appliance cannot be used to make coffee until you have cleaned the grounds container. Even if not full, empty the coffee grounds container after two, three days.



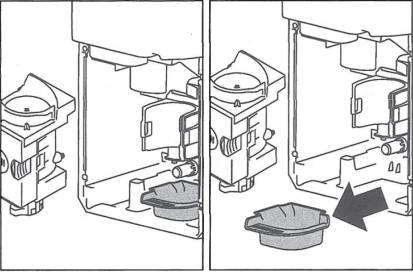
- Disposal water container (P):** empty and clean with a damp cloth and a little mild washing up liquid.
- Drip tray (R):** the drip tray is fitted with a water level indicator (Q) showing the amount of water it contains. Before the indicator protrudes from the cup tray (N), the drip tray must be emptied and cleaned, otherwise the water may overflow the edge and damage the appliance, the surface it rests on or the surrounding area.
Please note: When cleaning the drip tray, the grounds (Q) and water (P) containers must always be emptied completely, even if they are not actually full.



- Infuser (I) and Draining tray (Z):** The infuser must be cleaned at least once a month. Press the two red release buttons inwards and at the same time pull the infuser outwards. Soak the infuser in water for about 5 minutes, then rinse under the tap.



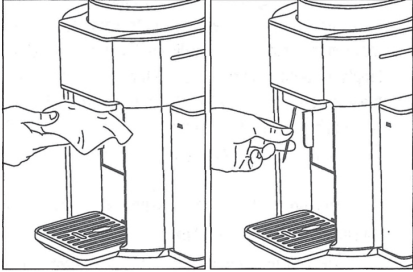
Do not use detergents to clean the infuser as this could cause damage. Remove any coffee residues left in the infuser housing. Extract, empty and rinse the Draining tray (Z), then put the tank back in the appliance correctly.



After cleaning, replace the infuser by sliding it onto the internal support, then push the PUSH symbol fully in until it clicks into place.

Please note: The infuser cannot be extracted when the machine is on. Make sure the machine has run the shut-down procedure correctly.

- Pre-ground coffee funnel (B):** Check regularly (about once a month) that the pre-ground coffee funnel is not blocked. If necessary, remove coffee deposits with a brush. It is possible to take out the funnel for a better cleaning.
- Water tank (F):** clean the water tank regularly (about once a month) with a damp cloth and a little mild washing up liquid.
- Coffee spout (H):** clean the coffee spout regularly with a sponge or cloth. Check the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick.



DESCALING (Descaler is not included)

Descale the machine when the  button lights on.

Please note: Before use, read the instructions and the labelling on the descaler pack. It is important to use De’Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer’s guarantee. Descaler could damage delicate surfaces. If the product is accidentally spilt, dry immediately. The whole process will take about 30 minutes.

- Press  button for 3 seconds.
- The  icon lights on.
- Empty drip tray (R) and coffee grounds container (Q).
- The  icon lights on.
- Pour the descaler into the water tank (corresponding to a 3.5 floz/100ml pack) then add water (about 35 floz/1 litre) and put the water tank back.
- Place a container holding a minimum of 70 floz/2 litres underneath coffee spout (H).
- Press  button.
- The  button blink. The  and  icons lights on.
- The descale programme starts and the descaler liquid comes out of the coffee spout. A series of rinses and pauses is performed automatically to remove all the scale residues inside the coffee machine.

- The appliance is now ready for rinsing through with clean water. The  icon lights on. Empty the container used to collect the descaler solution. Extract the water tank, empty, rinse under running water.
- Empty drip tray (R) and coffee grounds container (Q). The  icon lights on. Fill with fresh water up to the MAX level and put back in the appliance.
- Place the container used to collect the descaler solution empty under the coffee spout.
- Press  button. Hot water is delivered from the coffee spout. The  icons lights on.
- At the end of the cycle the  icons lights on.
- At the end of the rinse, extract the tray assemble (L), remove, empty and replace the disposal water container (P). Empty the container used to collect the rinse water, remove the water tank and fill with fresh water up to the MAX level, then put back in the appliance.
The descaling cycle is now complete and the appliance turn off.
- When you turn on the appliance again, water alarm is activate and the  button blink.
Press  button to refill the circuit and the coffee machine is now ready for use.

Please note: It is possible to make an extra descaling cycle by pressing the  button for 3 seconds.

ICONS MESSAGES

The icons lights	Probable cause	Solution
	The infuser is not present	Pull the drip tray out, insert the infuser then put back the drip tray
	Brewing unit alarm	Clean the inside of the appliance, if the message is still displayed contact a service center.
	The beans container (C) is almost empty	Fill the beans container (C).
	The water tank (F) is empty.	Fill the water tank (F) with fresh water and press  button to complete the delivery of the beverage, except ‘espresso style’ that will not be completed.
	No water in the water circuit	Press the brew button to fill the water circuit
	The coffee grounds container (Q) or the disposal water container (P) is full.	Empty the coffee grounds container (Q) and the disposal water container (P)
	Tray assemble (L) is not inserted correctly.	Insert correctly tray assemble (L), disposal water container (P) and coffee grounds container (Q).
	Not enough pre-ground coffee has been filled.	Place pre-ground coffee in the funnel and repeat delivery.

The images shown in this manual are for illustrative purposes only and may be subject to change.

REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner’s manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

Refurbished Product Service Center
9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

WARRANTY REPAIR INFORMATION

If you need service on your unit and this product requires repair during the 90 days warranty period; please go to **www.ConsumerServiceRefurbish.com** or call the **Refurbished Product Service Center** at 562-946-3531 to obtain the required return authorization (RA) number. Pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt and a letter describing the problem. Send the unit freight prepaid and insured to:

Refurbished Product Service Center,
Att: Customer Service Department 9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

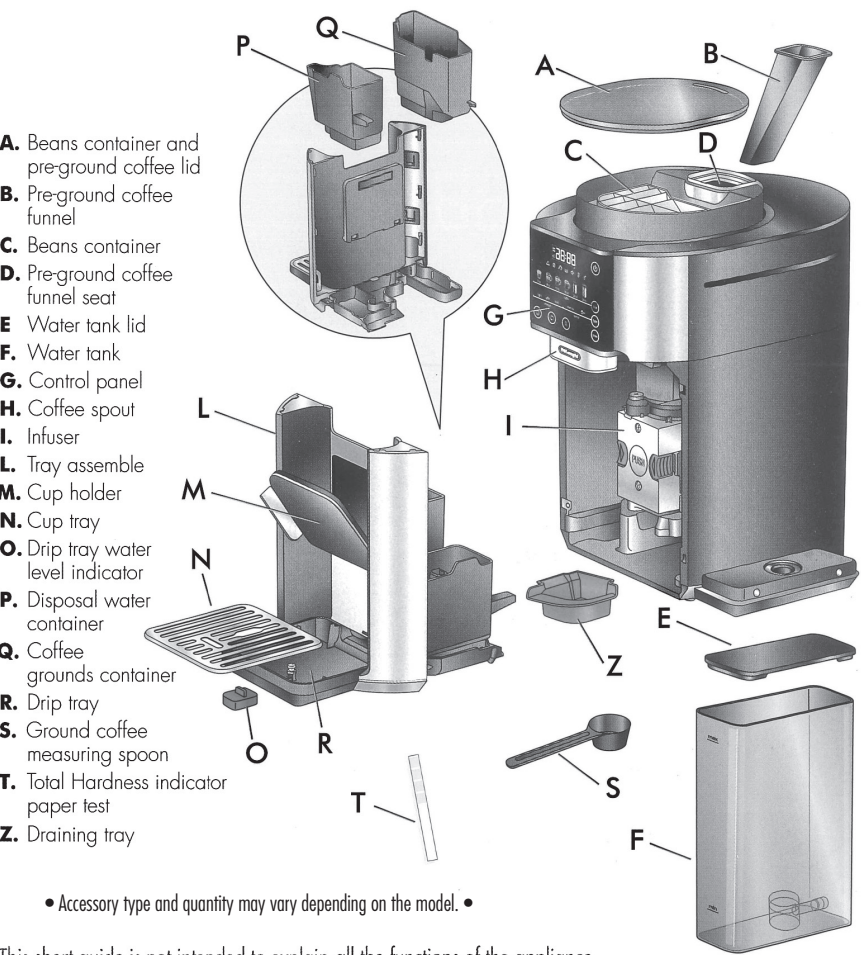
Your unit will be promptly repaired and returned to you. We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

Owner’s Information (Keep for your permanent records)	
NAME: _____	
ADDRESS: _____	
CITY: _____	STATE: _____ ZIP CODE: _____
PHONE: _____ E-MAIL: _____	
MODEL: _____ SERIAL NO.: _____	

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"RECIPE BOOK NOT INCLUDED"

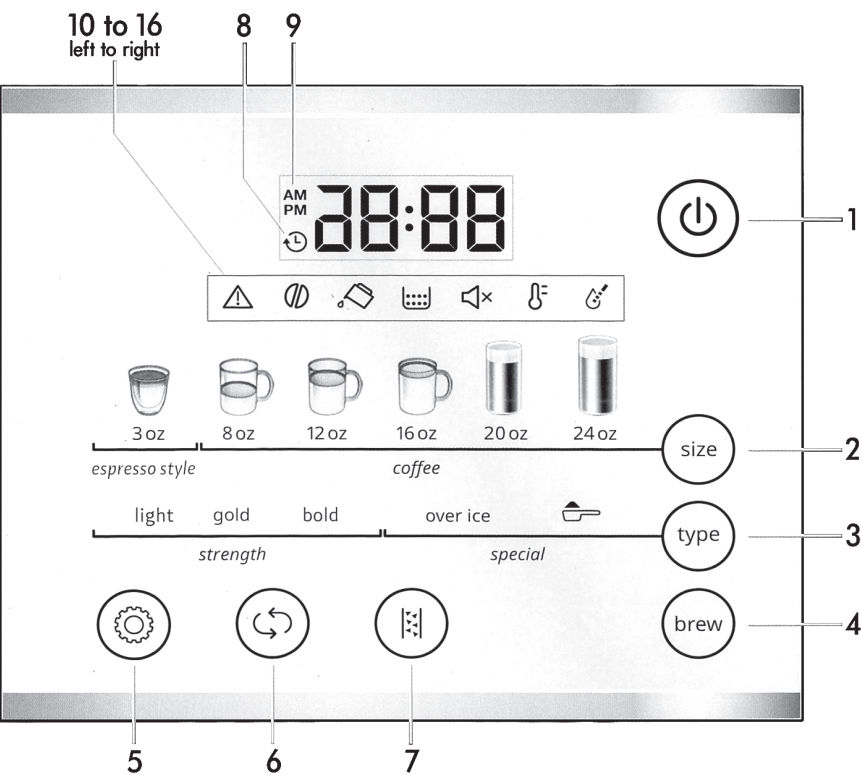
IN THE BOX



This short guide is not intended to explain all the functions of the appliance.
Please read all the owner's instruction booklet before use.

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process.
For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir.
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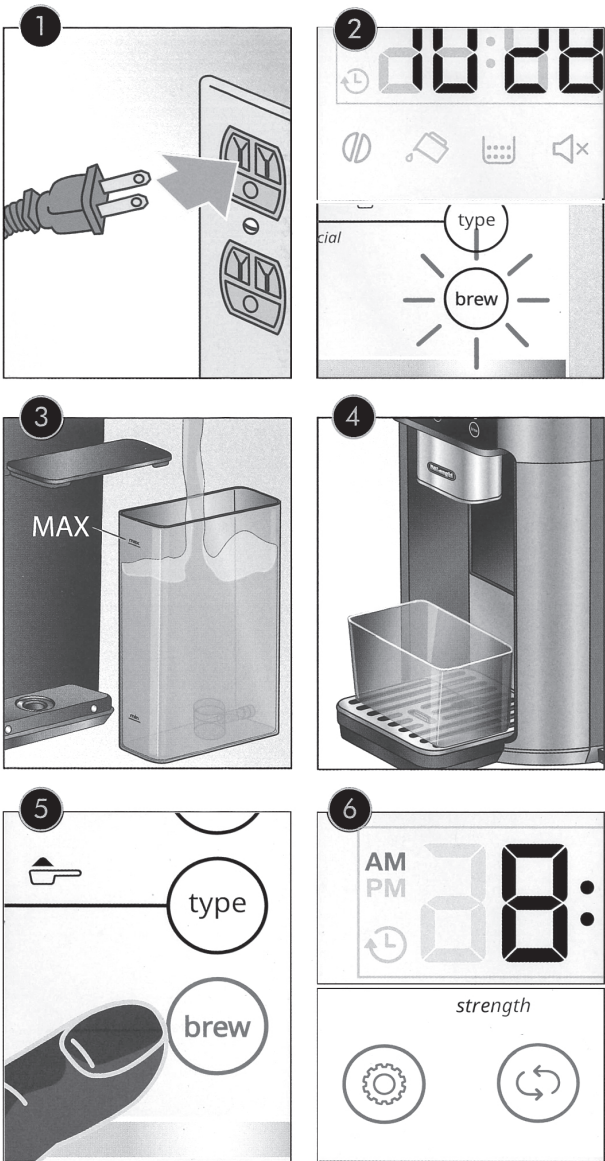
CONTROL PANEL



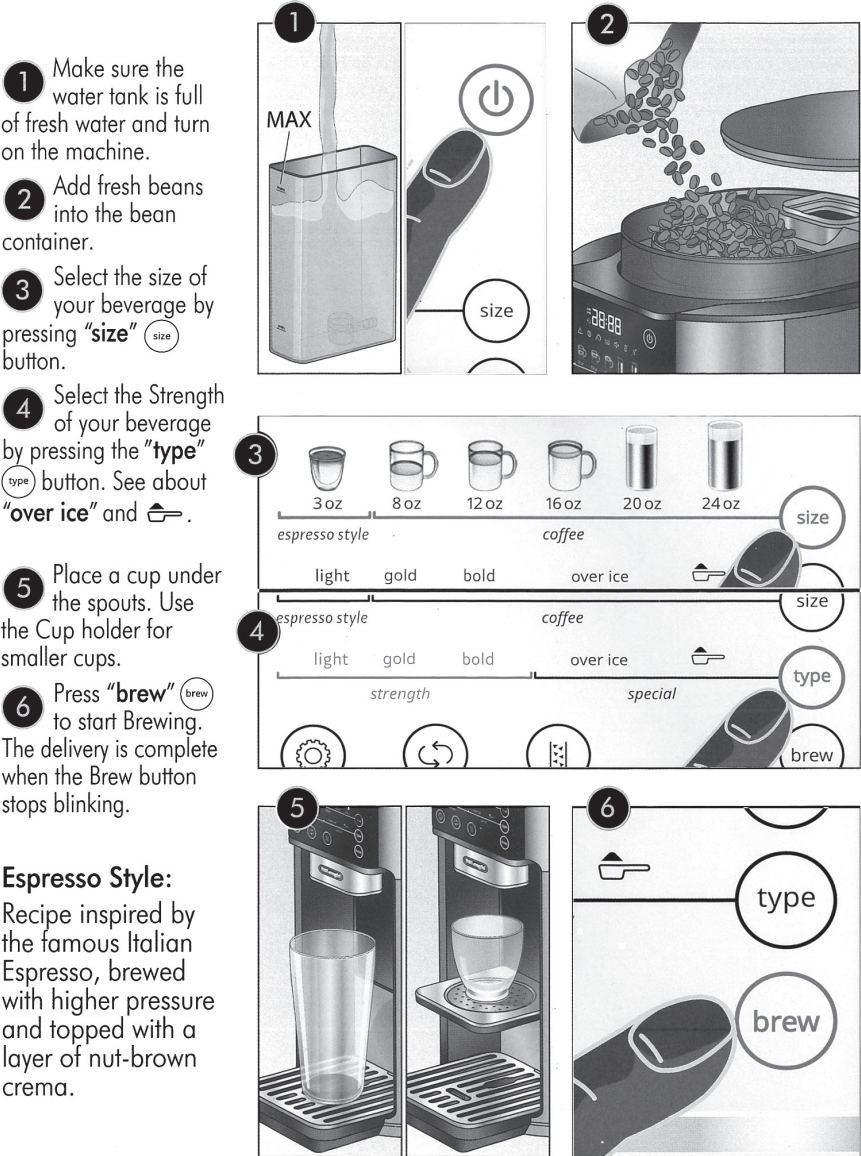
1. On/Off button
2. Size selector button
3. Type selector button
4. Brew button
5. Settings menu button
6. Scroll button
7. Descale button
8. Auto ON light
9. AM/PM selector light
10. General alarm
11. Beans light
12. Water tank light
13. Ground container light
14. Beep sound off light
15. Temperature light
16. Water hardness light

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FIRST USE

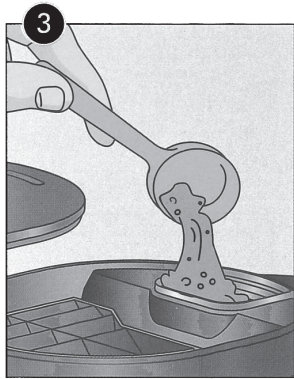


BREW

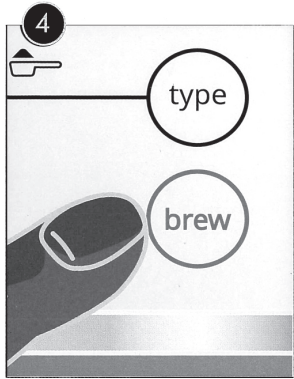


USING PREGROUND COFFEE



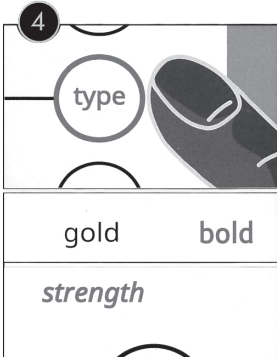
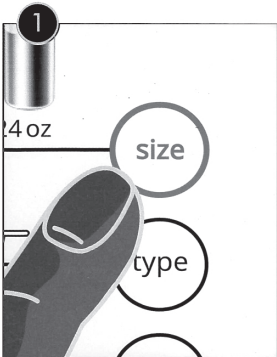


- 3 Add the preground coffee into the funnel.
- 2 measuring scoop for Espresso Style (3 oz)
 - 2 measuring scoops for 8 oz coffee
 - 3 measuring scoops for 12 oz coffee.
 - 4 measuring scoops for 16 oz coffee.

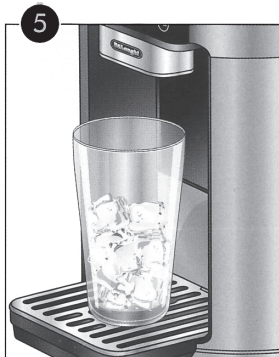
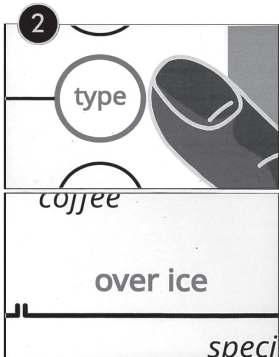


- 4 Once preground coffee is added, press “brew” button to start brewing.

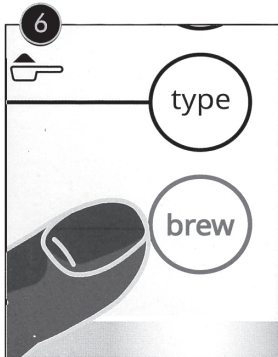
OVER ICE



- 1 Select the Size of your beverage.
- 2 Select Over Ice by pressing “type” button until “over ice” light comes on.

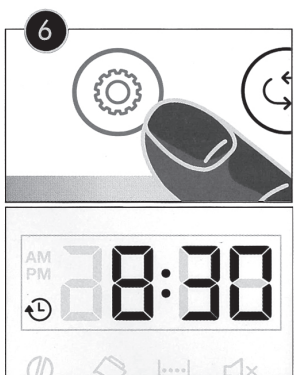
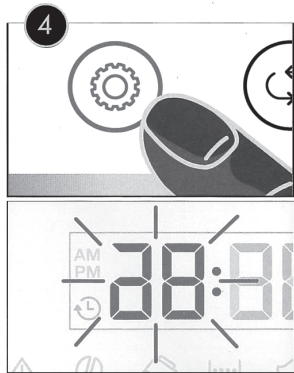
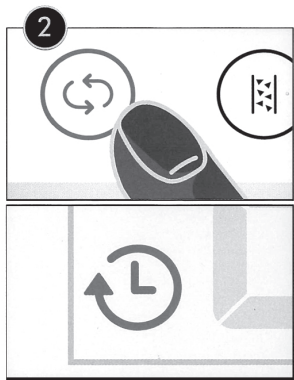
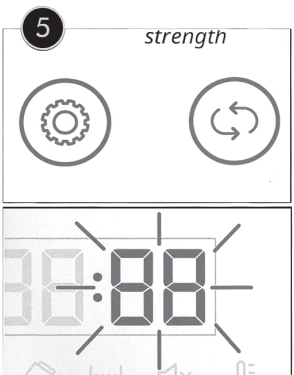
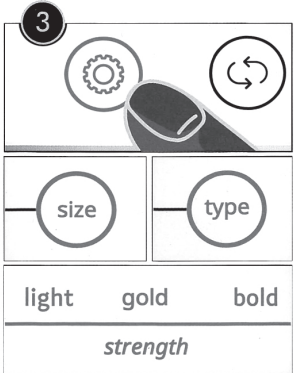
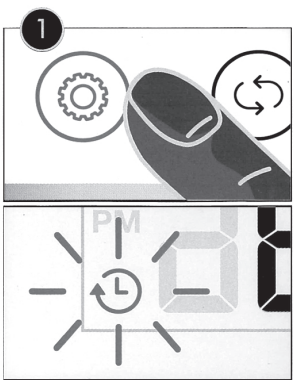


- 3 Press “brew” button: the strength and preground options start blinking.
- 4 Press “type” button to select the desired strength.



- 5 Place a cup filled half way with ice cubes under the coffee spouts.
- 6 Press “brew” button to start brewing. Add more ice cubes once coffee delivery is ended. If you selected preground option, add now the ground coffee into the funnel and press “brew” again to start delivery.

AUTO ON



With the Auto On function you can set your machine to brew your beverage at a certain time.

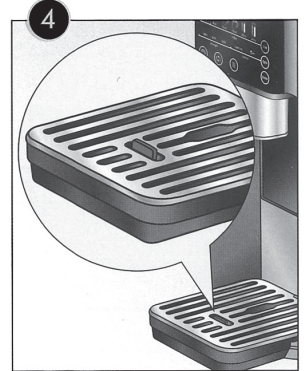
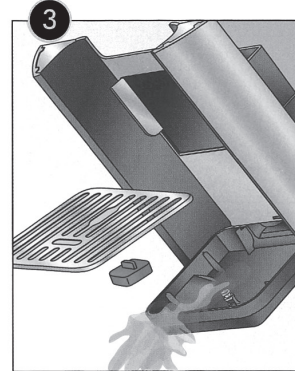
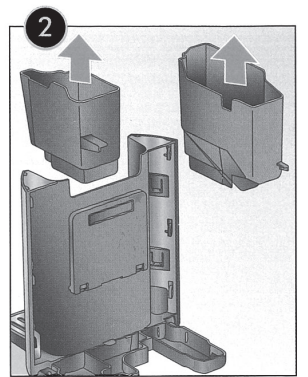
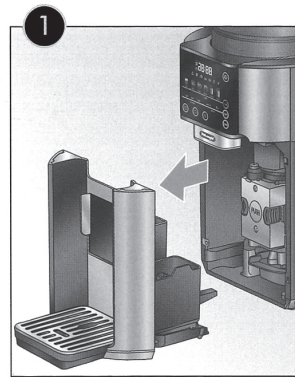
- 1 Press the settings button until the light starts blinking.
- 2 Press the scroll button. The light will stay steady on.
- 3 Press the settings button. You can now proceed to select your beverage size using the size button and the strength (light, gold, bold) using the type button.
- 4 Press the scroll button to confirm. The time will start blinking.
- 5 Use the scroll button to change the time and the settings button to switch from hours to minutes.
- 6 Press the settings button to confirm and save the parameters. You will see the light steady on. Remember to place a cup under the coffee spouts.

Please note: once the coffee is brewed, the auto on function turns off. To turn on or off the Auto on fuction with the saved parameters just press and hold the scroll button for 3 seconds.

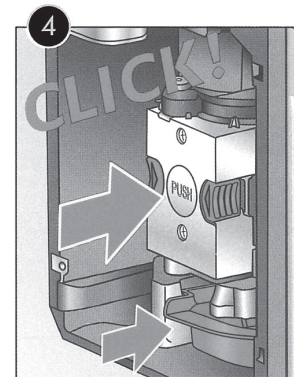
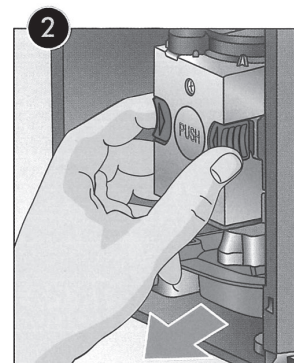
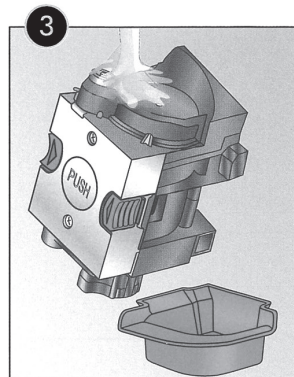
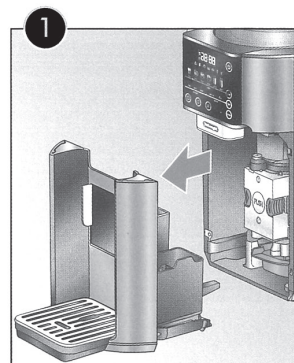
CLEANING

Keeping your machine clean will improve quality of the beverage and life span of the machine. When the light turns on, it's time to clean the ground container.

- 1 Open the Tray assemble.
- 2 Remove and clean ground container and water container.
- 3 Empty and clean the drip tray.
- 4 Even if the (ground container light) is off, if the red indicator is raised, it means it is full of water. Please proceed with the cleaning process (steps 1, 2, 3).

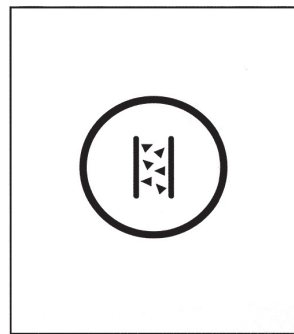


MAINTENANCE



- Once a month, clean the inside of the machine.
- 1 Turn off the machine and open the Tray Assemble.
- 2 Press the two red release buttons inwards and at the same time pull the infuser outwards.
- 3 Soak the infuser in warm water for about 5 minutes, then rinse under the tap. Do not use any soap or detergent, as it might damage the unit. Extract and clean the draining tray.
- 4 Clean the housing of any residues. Insert back the draining tray and then the infuser, pushing until it clicks.

DESCALING (DESCALER IS NOT INCLUDED)



Promptly descale when the descale button lights up. Follow the step by step instruction in the User Manual, under the Descaling section. This process will take about 30 minutes and it's necessary to ensure longevity of the machine and brewing quality. Frequency of the need of descaling depends on the hardness of the water you use.

SET WATER HARDNESS

Analyze the hardness of your water to set your machine accordingly.

- 1 Dip the provided Total Hardness Indicator in a glass of water for one second and shake it.
- 2 Wait a couple of minutes. Read the Indicator paper colors and compare with this table.
- 3 Set water hardness on your machine by pressing the Settings Menu button, until the light is on.
- 4 Press the Scroll button to select the level (1, 2, 3 or 4) based on your water hardness test results.

