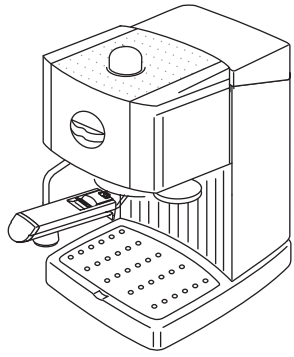
DēLonghi

IMPORTANT INSTRUCTIONS
SAVE THESE INSTRUCTIONS

MODE D'EMPLOI IMPORTANT
CONSERVEZ LES PRESENTES INSTRUCTIONS

INSTRUCIONES IMPORTANTES
REPASE Y GUARDE ESTAS INSTRUCCIONES
LEA ESTE INSTRUCTIVO ANTES DE UTILIZAR EL APARATO

ISTRUZIONI IMPORTANTI
CONSERVARE LE ISTRUZIONI



ESPRESSO / CAPPUCCINO MAKER TYPE EC155/CAFETERIE MODÈLE EC155/ CAFETERA ELECTRICA MODELO EC155/ MACCHINA DA CAFFÈ EC155

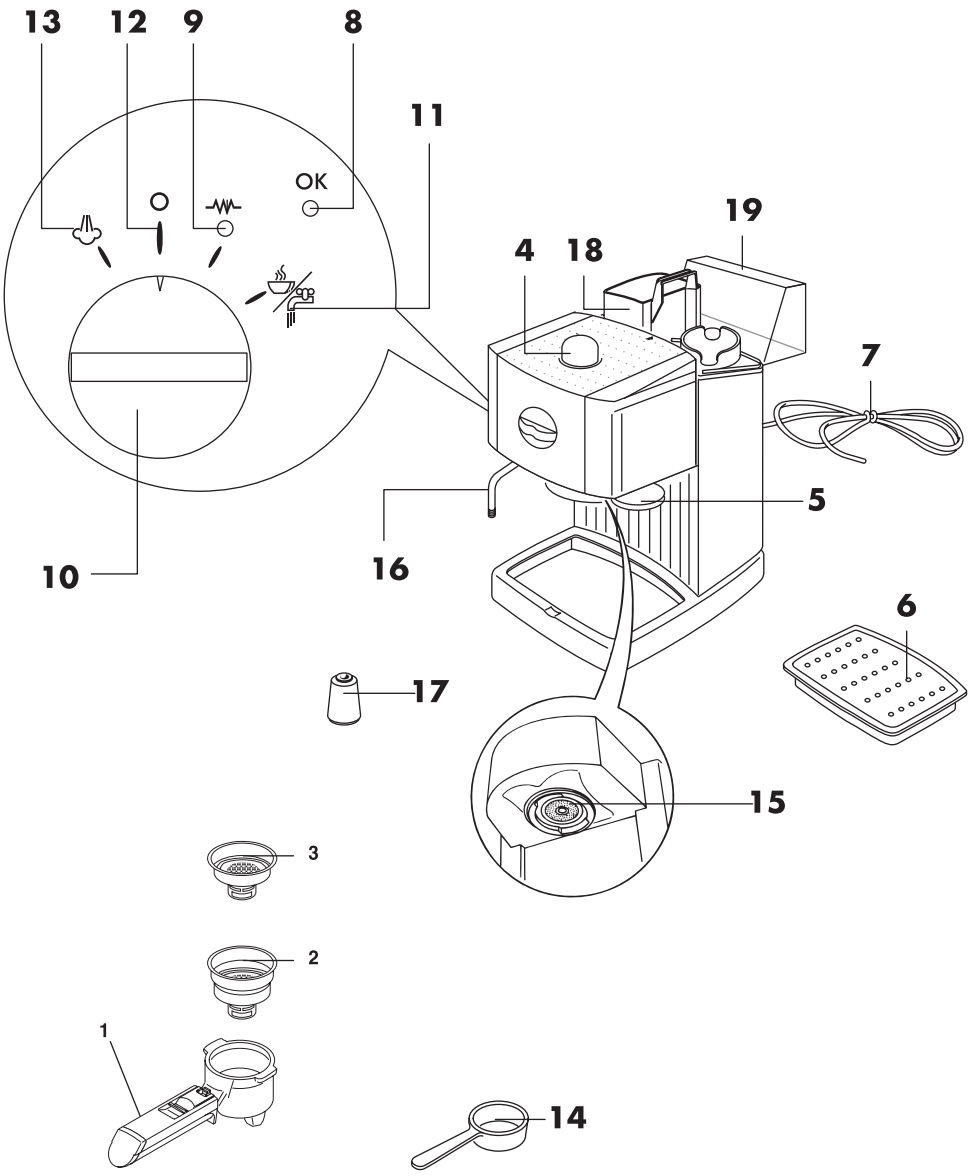
Register this product on-line and receive a free trial issue of Cook's Illustrated. Visit **www.prodregister.com/delonghi.**
Visit **www.delonghi.com** for a list of service centers near you. (U.S. and Canada)

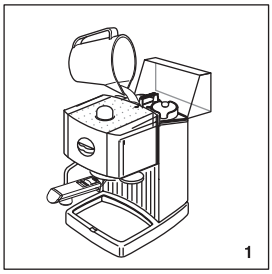
Enregistrez ce produit en ligne et recevez un numéro gratuit de Cook's Illustrated. Visitez **www.prodregister.com/delonghi.**
Visitez **www.delonghi.com** pour y voir une liste des centres de réparation proches de chez vous. (É.-U. et Canada).

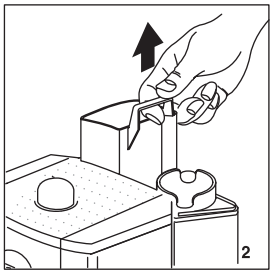
Registre este producto en línea y reciba un ejemplar gratis de Cook's Illustrated. Visite **www.prodregister.com/delonghi.**
Visite **www.delonghi.com** para ver la lista de centros de servicios cercanos a usted. (Estados Unidos y Canada)

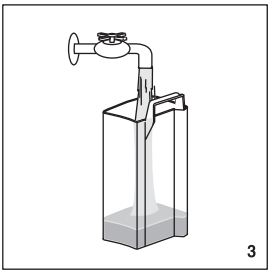
Registra questo prodotto "on-line" per ricevere una copia omaggio della rivista. Visita **www.prodregister.com/delonghi.**
Visita **www.delonghi.com** per una lista dei centri di servizio a te piu vicini. (Stati Uniti e Canada)

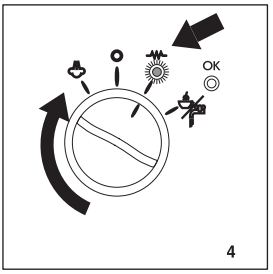
ELECTRONIC CHARACTERISTICS: CARACTÉRISTIQUES ÉLECTRIQUES:
CARACTERISTICAS ELECTRICAS: CARATTERISTICHE ELETTRICHE:
120 V ~ 60 Hz 1 100W

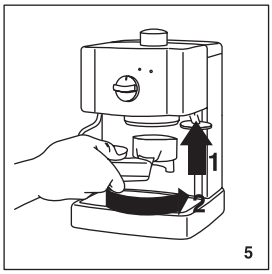

13
12
9
8
11
OK
19
4
18
7
5
16
10
6
17
15
3
2
1
14

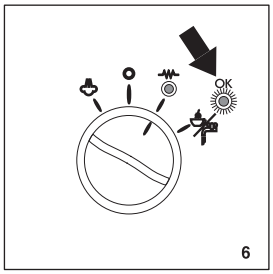

1

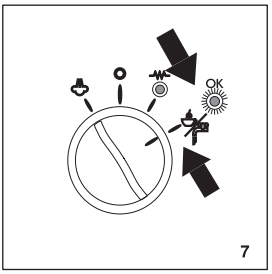

2

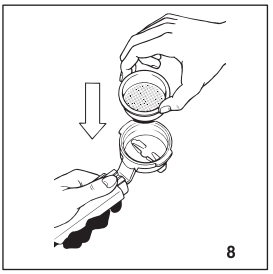

3

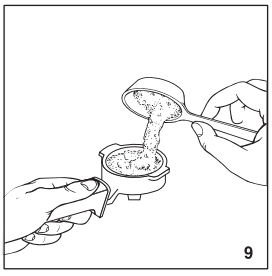

OK
4

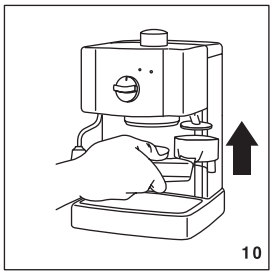

1
5

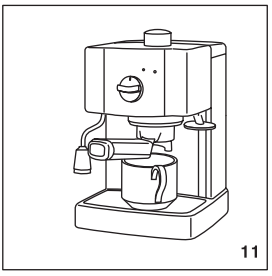

OK
6

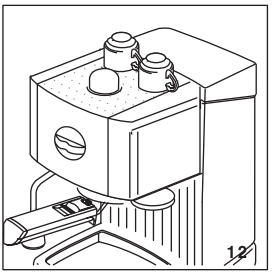

OK
7

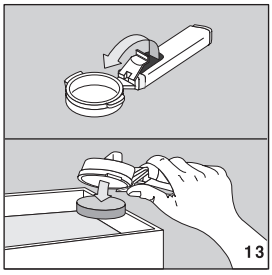

8

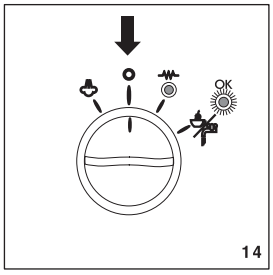

9

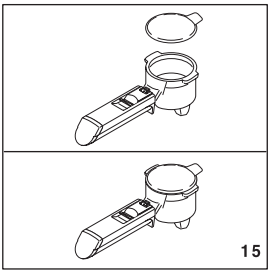

10

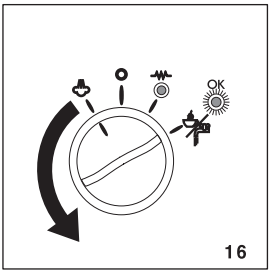

11

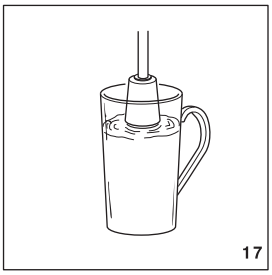

12

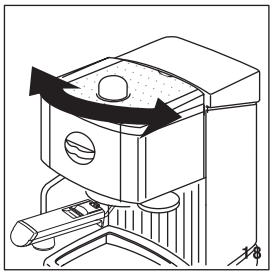

13

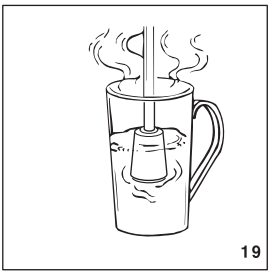

OK
14

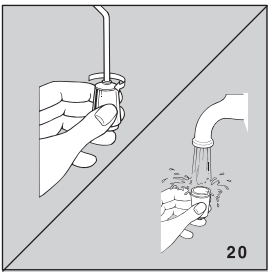

15

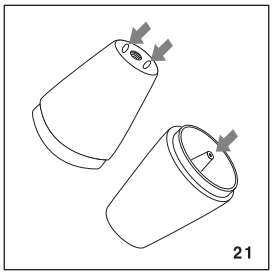

OK
16


17


18

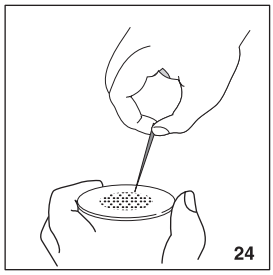

19

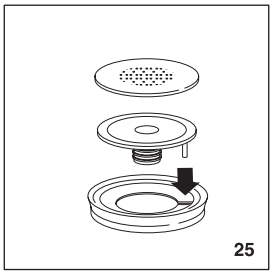

20

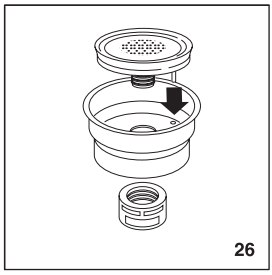

21

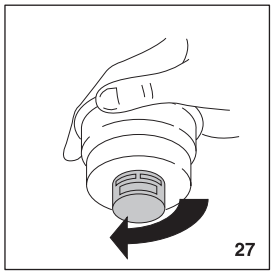
22

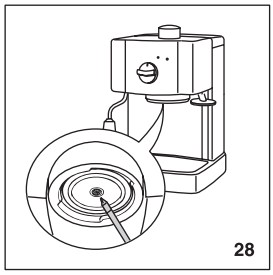
23


24


25


26


27


28

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Read all instructions.
- Do not touch hot surfaces. Use handles and knobs.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Never allow the appliance to be used by children.
- Unplug from the outlet when not in use and before cleaning. Allow to cool before fitting or taking off parts, and before cleaning the appliance.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair or adjustment.
- The use of accessory attachments or spare parts not recommended by the appliance manufacturer may result in fire, electrical shock or personal injury.
- Do not use outdoors.
- Do not let the cord hang over the edge of the table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electrical burner, or in a heated oven.
- Plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use the appliance for other than the intended use. This appliance is to be utilized for domestic use only. Any other use is to be considered improper and therefore, dangerous.
- DO NOT unscrew or remove boiler cap while the machine is in operation. Wait until brewing cycle is completed and all water and steam has been used up.

WARNING: To reduce the risk of fire or electric shock, do not remove the cover.

No user serviceable parts inside. Repair should be done by authorized service personnel only!

SAVE THESE INSTRUCTIONS

THIS PRODUCT 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.

Read this manual thoroughly before installing and using the appliance.
This is the only way to ensure best results and maximum safety for the user.

DESCRIPTION

(see figure on page 3).
The terminology below will be used repeatedly on the following pages.

1 Filter holder for ground coffee or pods
2 Large filter for 2 cups ground coffee
3 Small filter for 1 cup ground coffee or pods
4 Steam knob
5 Tamper
6 Cup tray
7 Power cable
8 OK indicator light (coffee/hot water or steam temperature)
9 Appliance on light ( )
10 Function selector knob
11 Coffee/hot water delivering position ( )
12 Off position
13 Steam position ( )
14 Coffee measuring spoon
15 Boiler outlet
16 Steam/hot water tube
17 Cappuccino frother
18 Water tank
19 Water tank lid

SAFETY WARNINGS

- This appliance is designed to "make espresso coffee" and "heat drinks". Use with care to avoid scalds from the water and steam jets or through incorrect use.
- This appliance is intended for domestic use only. Any other use is considered improper and thus dangerous.
- The manufacturer cannot be held responsible for any damage caused through incorrect, wrong or unreasonable use.
- When using the appliance, do not touch the hot surfaces.Use the knobs or handles only.
- Do not touch the appliance with wet or damp hands or feet.
- Do not allow children or unfit persons to use the appliance unsupervised.
- Never allow children to play with the appliance.
- In the event of malfunction or faulty operation, switch off and unplug from the outlet.
  If it requires repair, contact an authorized service center only and ask for original spare parts to be used.
  Failure to respect the above could reduce the safety of the appliance.

INSTALLATION

- After removing the packaging, make sure the product is complete and undamaged. If in doubt, do not use the appliance and contact a qualified professional.
- The packing elements (plastic bags, polystyrene foam, etc.) should be kept out of reach of children as they are a safety hazard.
- Place the appliance on a work surface far away from water taps, basins and sources of heat.
- After positioning the appliance on the work top, leave a space of at least 2 inches between the surfaces of the appliance and the side and rear walls and at least 8 inches above the coffee maker.
- Never install the appliance in environments where the temperature may reach 32°F or lower (the appliance may be damaged if the water freezes).
- Check that the voltage of the mains power supply corresponds to the value indicated on the appliance rating plate.
  Connect the appliance to an efficiently earthed socket with a minimum current rating of 10 A only.
  The manufacturer may not be considered liable for possible incidents caused by the failure to adequately earth the mains.
- If the plug fitted to the appliance does not match the power socket, have the socket replaced with a suitable type by a qualified professional.
- The power cable on this appliance must not be replaced by the user as this operation requires the use of special tools. If the cable is damaged or requires replacing, contact an authorized service center only to avoid all risks.

HOW TO MAKE ESPRESSO COFFEE

FILLING THE WATER TANK

1. Open the water tank lid (fig. 1) and then take out the tank by pulling upwards (fig. 2).
2. Fill the tank with fresh clean water taking care not to exceed the MAX level (fig. 3).
   Replace the tank, pressing lightly to open the valve located on the bottom of the tank.
3. More simply, the tank can also be filled without removing it, pouring the water directly from a jug (fig. 1).

IMPORTANT: It is normal for there to be water in the space under the tank. This should therefore be dried regularly with a clean sponge.

Note: Never use the appliance without water in the tank and always remember to top up when the level drops about an inch from the bottom.

PREHEATING THE COFFEE UNIT

To obtain espresso coffee at the right temperature, the coffee machine must be preheated. Turn the selector knob to the position (fig. 4) at least 15 minutes before making the coffee, making sure the filter holder is attached to the appliance (check that the steam knob is closed).

To attach the filter holder, position it under the boiler outlet with the handle towards the left (see fig. 5), push it upwards and at the same time firmly rotate the handle towards the right.

Wait for half an hour, then make the coffee as described in the following chapter.

Alternatively, preheating can be achieved more rapidly proceeding as follows:

1. Turn the appliance on by rotating the selector knob to the position (fig. 4) and attach the filter holder to the appliance without adding ground coffee.
2. Place a cup under the filter holder. Use the same cup as will be used to prepare the coffee in order to preheat it.
3. Wait for the OK indicator light to come on (fig. 6), then immediately rotate the selector knob to position (fig. 7), deliver water until the OK indicator light goes out, then interrupt delivery by rotating the selector knob to the position (fig. 6).
4. Empty the cup. Wait until the OK indicator light comes on again then repeat the same operation.

HOW TO PREPARE ESPRESSO COFFEE USING THE FILTER HOLDER FOR GROUND COFFEE

IMPORTANT: the first time the appliance is used, all accessories and the internal circuits must be washed through by making at least five coffees without using ground coffee.

1. After preheating the appliance as described above, place the ground coffee filter in the filter holder, making sure the projection is correctly inserted in the slot as shown in fig. 8.
   Use the smaller filter to make one coffee or the larger filter to make two coffees.
2. **To make a single coffee only,** place one level measure of ground coffee, about 7 grams, in the filter (fig. 9).
   To prepare two coffees, place two loosely filled measures of ground coffee (about 12 grams) in the filter. Fill the filter a little at a time to prevent the ground coffee from overflowing.

IMPORTANT: for correct operation, before adding the ground coffee to the filter holder, clean the filter from residues of ground coffee from the previous infusion.

3. Distribute the ground coffee evenly and press lightly with the tamper (fig. 10). *Note: Correct tamping of the ground coffee is essential to obtain a good espresso. If tamping is excessive, coffee delivery will be slow and the crema will be dark. If pressing is too light, coffee delivery will be too rapid and the froth will be sparse and light colored.*
4. Remove any excess coffee from the rim of the filter holder and attach the filter holder to the appliance. **Rotate firmly (fig. 5) to avoid leaks of water.**
5. Place the cup or cups (ideally preheated by rinsing with a little hot water) under the filter holder spouts (fig. 11). You are recommended to heat the cups before making the coffee by rinsing them with a little hot water or placing them to warm on the top plate for at least 15-20 minutes (fig. 12).
6. Make sure the OK light (fig. 6) is on (if off, wait until it comes on), then turn the knob to the position (fig. 7) until the required quantity is obtained. To interrupt, place the selector knob back in the position (fig. 4).
7. To remove the filter holder, rotate the handle from right to left.
   IMPORTANT: to avoid splashes, never remove the filter holder while the appliance is delivering coffee.
8. To eliminate the used coffee grounds, block the filter in place using the lever incorporated in the handle and empty the coffee by turning the filter holder upside down and tapping (fig. 13).

9. To turn the appliance off, rotate the selector knob to the "O" position (fig. 14).

IMPORTANT: the first time the appliance is used, all accessories and the internal circuits must be washed through by making at least five coffees without using ground coffee.

HOW TO PREPARE ESPRESSO COFFEE USING PODS (FOR APPLIANCES WITH TWO FILTERS ONLY)

1. Preheat the appliance as described in the section "PREHEATING THE COFFEE UNIT", making sure the filter holder is attached; this obtains a hotter coffee.

NOTE: use pods conforming to the ESE standard, indicated on the pack by the following symbol:

The ESE standard is a system accepted by leading pod producers and enables espresso coffee to be prepared simply and cleanly.

2. Place the small 1 coffee or pod filter in the filter holder, making sure the projection is correctly inserted in the slot as shown in fig. 8.
3. Insert a pod, centering it as far as possible on the filter (fig. 15).Always follow the instructions on the pod pack to position the pod on the filter correctly.
4. Attach the filter holder to the appliance. Always rotate as far as it will go (fig. 5).
5. Proceed as in points 5, 6 and 7 in the previous section.

HOW TO MAKE CAPPUCCINO COFFEE

1. Prepare the espresso coffees as described in the previous paragraphs, using sufficiently large cups.
2. Rotate the selector knob to the position (fig. 16) and wait until the OK light comes on (fig. 6). This indicates that the boiler has reached the ideal temperature for steam production.
3. In the meantime, fill a frothing pitcher with about 3.5 ounces of milk for each cappuccino to be prepared. The milk must be at refrigerator temperature (not hot!). In choosing the size of the frothing pitcher, bear in mind that the milk doubles or triples in volume.

NOTE: YOU ARE RECOMMENDED TO USE SKIM AT REFRIGERATOR TEMPERATURE.

4. Place the frothing pitcher containing milk under the cappuccino maker (fig 17).
5. Immerse the cappuccino frother in the milk for about 5 mm and rotate the steam knob counter clockwise (fig. 18) (rotating the knob more or less varies the quantity of steam discharged by the cappuccino maker). The milk now starts to increase in volume and take on a creamy appearance.
6. When the milk has doubled in volume, immerse the cappuccino frother deeply and continue heating the milk (fig. 19). When the required temperature is reached (the ideal is 140°F), interrupt steam delivery by rotating the steam knob clockwise and placing the selector in the "O" position (fig. 14).
7. Pour the frothed milk into the cups containing the espresso coffee prepared previously. The cappuccino is ready. Sweeten to taste and if desired, sprinkle the froth with a little cocoa powder.

Note: to make coffee again after the milk has been frothed, cool down the boiler first or the coffee will be burnt. To cool, place a container under the boiler outlet, turn the selector to the " " position and deliver water until the OK light goes out. Turn the selector back to the position and make the coffee as described previously.

IMPORTANT: always clean the cappuccino maker after use. Proceed as follows:

1. Discharge a little steam for a few seconds by rotating the steam knob (fig. 18).
2. Wait several minutes for the steam tube to cool down. Unscrew the cappuccino frother by rotating clockwise (fig. 20) and wash thoroughly with warm water.
3. Make sure the three holes in the cappuccino frother shown in fig. 21, are not blocked. If necessary, clean with a pin.
4. Clean the steam tube, taking care to avoid burns.
5. Screw the cappuccino frother back in place.

HOT WATER PRODUCTION

1. Turn the appliance on by rotating the selector knob to the position (fig. 4).
2. Place a cup under the cappuccino frother.
3. When the OK indicator light comes on, turn the selector knob to the position (fig. 7) and at the same time, rotate the steam knob counter clockwise (fig. 18): Hot water is delivered from the cappuccino maker.
4. To interrupt delivery of hot water, rotate the steam knob clockwise and position the selector knob to "O"

CLEANING AND MAINTENANCE OF THE FILTER

About every 200 espressos or when the espresso drips out of the filter holder or not at all, clean the ground coffee filter holder as follows:

- Remove the filter from the filter holder.
- Clean the inside of the filter holder. Never wash in a dishwasher.
- Remove the filter cap (fig. 22) by unscrewing in the direction indicated by the arrow on the cap.
- Remove the filter from the container by pushing it from the cap end.
- Remove the gasket.
- Rinse all components and clean the metal filter thoroughly in hot water using a brush (fig. 23). Make sure the holes in the metal filter are not blocked. If necessary, clean with a pin (see fig. 24)
- Replace the filter and gasket on the plastic disk as shown in fig. 25. Make sure to insert the pin on the plastic disk into the hole in the gasket indicated by the arrow in fig. 26.
- Replace the resulting assembly in the steel filter container (fig. 26), making sure the pin is inserted into the hole in the support (see arrow in fig. 26).
- Finally, screw on the cap (fig. 27).

Failure to clean as described above invalidates the warranty.

CLEANING THE BOILER OUTLET

About every 300 coffees, the espresso boiler outlet must be cleaned as follows:

- Make sure the appliance is not hot and that it is unplugged from the outlet.
- Using a screwdriver, unscrew the screw connecting the espresso boiler outlet filter (fig. 28);
- Clean the outlet filter thoroughly in hot water using a brush.
  Make sure the holes are not blocked. If necessary, clean with a pin (fig. 24).

Failure to clean as described above invalidates the warranty.

IMPORTANT: during cleaning, never immerse the coffee machine in water. It is an electrical appliance.

DESCALING

You are recommended to descale the espresso machine about every 200 coffees.

You should use a commercially available product specifically for descaling espresso coffee machines.

If such a product is not available, proceed as follows.

1. Fill the tank with 17 ounces of water.
2. Dissolve 2 spoonfuls (about 1 ounce) of citric acid (obtainable online or in a pharmacy).
3. Rotate the selector knob to the position and wait until the OK indicator light comes on.
4. Make sure the filter holder is not attached and position a container under the boiler outlet.
5. Rotate the selector knob to the position (fig. 7) and deliver half the solution in the tank.
   Then interrupt the flow by rotating the selector to the "O" position (fig. 14).
6. Leave the solution to work for about 15 minutes, then deliver the rest of the water in the tank.
7. To eliminate residues of solution and scale, rinse the tank well, fill with clean water and replace in position.
8. Rotate the selector knob to the position and deliver the water until the tank is completely empty;
9. Rotate the selector knob to the position and repeat operations 7 and 8 again.

Repair of damage to the coffee machine caused by scale is not covered by the guarantee unless descaling is performed regularly as described above.

PROBLEM	POSSIBLE CAUSES	SOLUTION
No espresso coffee is delivered	• No water in the tank. • The holes in the filter holder spouts are blocked. • The espresso boiler outlet is blocked. • The filter is blocked. • The tank is incorrectly inserted and the valve on the bottom is not open.	• Fill the tank with water. • Clean the spout holes. • Clean as described in the chapter "Cleaning the boiler outlet". • Clean as described in the section "Cleaning the filter". • Press the tank down lightly to open the valve on the bottom.
The espresso coffee drips from the edges of the filter holder rather than the holes	• The filter holder is inserted incorrectly. • The espresso boiler gasket has lost elasticity. • The holes in the filter holder spouts are blocked.	• Attach the filter holder correctly and rotate firmly as far as it will go. • Have the espresso boiler gasket replaced at a service center. • Clean the spout holes.
The espresso coffee is cold	• The espresso OK indicator light was not on when the coffee switch was pressed. • No preheating performed. • The cups were not preheated.	• Wait until the espresso OK indicator light comes on. • Preheat as described in the paragraph "Preheating the espresso coffee unit". • Preheat the cups.
The pump is excessively noisy	• The water tank is empty. • The tank is incorrectly inserted and the valve on the bottom is not open.	• Refill the tank. • Press the tank down lightly to open the valve on the bottom.
The coffee froth is too light (delivered from the spout too fast)	• The ground coffee is not pressed down firmly enough. • There is not enough ground coffee. • The ground coffee is too coarse. • Incorrect type of ground coffee.	• Press the ground coffee down more firmly (fig.5). • Increase the quantity of ground coffee. • Use ground coffee for espresso coffee machines only. • Change the type of ground coffee.
The coffee froth is too dark (delivered from the spout too slowly)	• The ground coffee is pressed down too firmly. • There is too much ground coffee. • The espresso boiler outlet is blocked. • The filter is blocked. • The ground coffee is too fine. • The coffee is damp or ground too fine. • Incorrect type of ground coffee.	• Press the coffee down less firmly (fig. 6). • Reduce the quantity of ground coffee. • Clean as described in the chapter "Cleaning the espresso boiler outlet". • Clean as described in the section "Cleaning the filter". • Use ground coffee for espresso coffee machines only. • Use only ground coffee for espresso coffee machines. Make sure it is not damp. • Change the type of ground coffee.
No milk froth is formed when making cappuccino	• Milk not cold enough. • Cappuccino frother is dirty.	• Always use skim milk at refrigerator temperature. • Thoroughly clean the holes in the cappuccino frother in particular those indicated in figure 21.

This warranty applies to all products with De'Longhi or Kenwood brand names.

LIMITED WARRANTY

What does the warranty cover?
We warrant each appliance to be free from defects in material and workmanship. Our obligation under this warranty is limited to repair at our factory or authorized service center of any defective parts or part thereof, other than parts damaged in transit. In the event of a products replacement or return, the unit must be returned transportation prepaid. The repaired or new model will be returned at the company expense.
This warranty shall apply only if the appliance is used in accordance with the factory directions, which accompany it, and on an Alternating current (AC) circuit.

How long does the coverage last?
This warranty runs for one year (1) from the purchase date found on your receipt and applies only to the original purchaser for use.

What is not covered by the warranty?
The warranty does not cover defects or damage of the appliance, which result from repairs or alterations to the appliance outside our factory or authorized service centers, nor shall it apply to any appliance, which has been subject to abuse, misuse, negligence or accidents. Also, consequential and incidental damage resulting from the use of this product or arising out of any breach of contract or breach of this warranty are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitation may not apply to you.

How do you get service?
If repairs become necessary, see contact information below:

U.S. Residents:
Please contact our toll free hotline at 1-800-322-3848 or log onto our website at www.delonghi.com.
For all accessories, spare parts or replacement parts, please contact our parts division at 1-800-865-6330.

Residents of Canada:
Please contact our toll free hotline at 1-888-335-6644 or log onto our website at www.delonghi.com.

Residents of Mexico:
Please refer to the Limited Warranty statement for Mexico.

Please refer to the back page of the manual for De'Longhi addresses.

The above warranty is in lieu of all other express warranties and representations. All implied warranties are limited to the applicable warranty period set forth above. This limitation does not apply if you enter into an extended warranty with De'Longhi. Some states do not allow limitations on how long an implied warranty lasts, so the above exclusions may not apply to you. De'Longhi does not authorize any other person or company to assume for it any liability in connection with the sale or use of its appliance.

How does state law apply?
This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

De'Longhi America, Inc.
Park 80 West, Plaza One
Saddle Brook, NJ 07663
1-800-322-3848

De'Longhi Canada, Inc.
6150 McLaughlin Road
Mississauga, Ontario
L5R 4E1 Canada
1-888-335-6644

FIDUCIA ITALIANA S.A DE C.V
Pestalozzi #814
Col. Narvarte
Del. Benito Juarez
C.P. 03100
tels: 5543 1447
lada sin costo: 01 800 711 8805

www.delonghi.com

5732145800/05.06