Delonghi magnifica manual 4200

I'm not robot!

PŘÍPRAVA NÁPOJŮ možnost připravit 2 šálky najednou *možnost použít předemletou kávu *Automatická příprava mléčné pěnytryska na manuální přípravu mléčné pěny *speciální kávové recepty Funkce Horké čokolády Funkce horké vody * EXTRA FUNKCE Odkládací plocha na šálky *Programovatelné zapnutí Nastavitelná tvrdost vody *Vyjímatelná spařovací jednotka *Nastavitelný mlýnek *odvápňovací a proplachovací program *režim úspory energie * sback Magnifica Bean to cup coffee machine ESAM4200.S V ESAM4200.S (Instruction manuals French) PDF (4.184 MB) V ESAM4200.S (Instruction manuals Greek) PDF (4.244 MB) V ESAM4200.S (Instruction manuals Norwegian) PDF (4.173 MB) V ESAM4200.S (Instruction manuals Danish) PDF (4.176 MB) V ESAM4200.S (Instruction manuals Spanish) PDF (4.093 MB) V ESAM4200.S (Instruction manuals Spanish) PDF (4.178 MB) V ESAM4200.S (Instruction manuals Turkish) PDF (4.222 MB) V ESAM4200.S (Instruction manuals Slovak) PDF (4.239 MB) V ESAM4200.S (Intro) PDF (1.669 MB) V ESAM4200.S (Instruction manuals Polish) PDF (4.232 MB) V ESAM4200.S (Instruction manuals Hungarian) PDF (4.158 MB) V ESAM4200.S (Intro) PDF (1.705 MB) V ESAM4200.S (Instruction manuals Russian) PDF (4.126 MB) V ESAM4200.S (Instruction manuals Korean) PDF (12.355 MB) V ESAM4200.S (Instruction manuals Brazilian Portuguese) PDF (4.181 MB) V ESAM4200.S (Instruction manuals Arabic Saudi Arabia) PDF (9.767 MB) V ESAM4200.S (Instruction manuals Italiano) PDF (9.195 MB) V ESAM4200.S (Instruction manuals English) PDF (4.155 MB) V ESAM4200.S (Intro) PDF (0.607 MB) V ESAM4200.S (Instruction manuals Czech) PDF (4.218 MB) V ESAM4200.S (Instruction manuals Romanian) PDF (4.238 MB) V ESAM4200.S (Instruction manuals Dutch) PDF (4.168 MB) INTRODUCTION 8 TROUBLESHOOTING 16 1. FUNDAMENTAL SAFETY WARNINGS • The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. • Children should be supervised to ensure that they do not play with the appliance. • Cleaning and user maintenance shall not be made by children without supervision. • Never clean by immersing the appliance in water. • This is an household appliance only. It is not intended to be used in: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels and other residential type environments; bed and breakfast type environments. • If the plug or cord is damaged, it must be replaced by Customer Services only to avoid all risk. FOR EUROPEAN MARKETS ONLY: • This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made bychildrenunlesstheyareolderthan8andsupervised.Keeptheapplianceandpower cord away from children under eight years of age. • The appliance can be used by persons with reduced physical, sensory or mental capa- bilities or lack of experience and knowledge if they are supervised or have been given instruction concerning use of the appliance in a safe way and if they understand the hazards involved. • Children shall not play with the appliance. • Alwaysunplugtheappliancewhenleftunattendedandbeforeassembly,takingapart or cleaning. Surfaces marked with this symbol become hot during use (the symbol is present in certain models only). 7 2. SAFETY WARNINGS Danger!Failuretoobservethewarningmayresultinlife threateninginjurybyelectricshock. This is an electrical appliance and may cause electrical shocks. You should therefore follow these safety warnings: • Never touch the appliance with damp hands or feet. • Never touch the plug with damp hands. • Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary. • Unplug directly from the plug only. Never pull the cord as you could damage it. • Todisconnecttheappliancecompletelyyoumustunplugit from the mains socket. • If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Cus- tomer Services. • Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool. Important: Failure to observe the warning could result in injuryordamagetotheappliance. Keep all packaging (plastic bags, polystyrene foam) away from children. Danger of burns! Failure to observe the warning could resultinscaldsorburns. This appliance produces hot water and steam may form while it is in operation. Avoid contact with splashes of water or hot steam. 2.1 Designated use and restrictions This appliance is designed and made to prepare coffee or hot water and to heat milk using steam. Use drinking water only to fill the tank as described in the In- struction for Use. Never use the hot water/steam spout (A12) with beverages other than milk. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance. 2.2 Instruction for Use Read this Instruction for Use carefully before using the appli- ance. Failure to follow this Instruction for Use may result in burns or damage to the appliance. The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use. Pleasenote: Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use. 2.3 Checking the appliance After removing the packaging, make sure the product is com- plete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services. 3. DISPOSING OF THE APPLIANCE The appliance must not be disposed of with house- hold waste, but taken to an authorised waste separa- tion and recycling centre. 4. TECHNICAL DATA Mains voltage:....................................... 220-240V~50/60Hz Absorbed power:... 1350W Pressure:.. 15 bar Water tank capacity:...1 l Size LxHxD..149x305x330 (414)mm Weight...4.04 kg This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into con- tact with food. None of the components or accessories is dish- washer safe. 8 5. DESCRIPTION (page 3) Theterminologybelowwillbeusedrepeatedlyonthefollowing pages. 5.1 Description of the appliance A1. Water tank lid A2. Tank extraction handle A3. Water tank A4. Cup warmer A5. Boiler outlet A6. ON/OFF switch A7. Cup tray A8. Drip tray full indicator A9. Drip tray A10. Mugs or glasses tray A11. Steam dial A12. Hot water/steam spout A13. Hot water/steam connection nozzle A14. Cappuccino maker selection ring A15. Hot water/steam connection tube 5.2 Description control panel B1. One cup button B2. ON light on button (white) B3. Two cups button B4. ON light on button (white) B5. Steam button B6. ON light on button (white) B7. Descale light (orange) 5.3 Description of the accessories C1. Filter holder C2. 1 cup filter (symbol under filter) C3. 2 cup filter (symbol under filter) C4. Pod filter (symbol under filter) C5. Measure/presser C6. Water softener filter (*not included, can be purchased from authorised Customer Services) 6. INSTALLING THE APPLIANCE Important! When you install the appliance, you should respect the follow- ing safety warnings: • Water penetrating the coffee maker 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 tempera- ture could drop below freezing point. • Arrange the cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates). • The appliance gives off heat. After positioning the appli- ance on the worktop, leave a space of at least 3 cm be- tween the surfaces of the appliance and the side and rear walls and at least 15 cm above the machine. • Clean all the removable parts with tap water. 6.1 Connecting the appliance Danger! 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. 7. FILLING THE WATER TANK Pleasenote: Before first use, wash all the accessories and water tank with warm water. 1. Extract the tank by pulling it upwards (fig. 1). 2. Openthelidandfillthetankwithfreshcleanwater,taking care not to exceed the MAX level (fig. 2). Put the tank back intheappliance,pressinglightlytoopenthevalveslocated 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. Important: Never operate the appliance without water in the tank or with- out the tank. Pleasenote: It is normal for there to be water in the space under the tank. This should therefore be dried regularly with a clean sponge. 8. FIRST USE At first use, rince the internal circuit as follows: 1. Turn the appliance on by pressing the ON/OFF switch (fig. 3).Theapplianceperformsaself-diagnosiscycle,indicated by sequential flashing of the three buttons. 2. The and lights flash to indicate the appliance is heating up.When the lights stop flashing and remain on steadily, the appliance is ready for operating the rinse. 3. Attach the filter holder to the appliance (fig. 9). 9 4. Place a container with a minimum capacity of 500 ml under the boiler outlet (A5) (fig. 4) and press the button. Repeat this operation 5 times. 5. Empty the container and put it under the hot water/steam spout (A12) (fig. 4). 6. Turn the hot water/steam dial to the position (fig. 5) and deliver to empty the water tank (A3); then turn the knob to the ○ position. 9. PROGRAMMING THE SETTINGS MENU To access the menu, make sure the appliance is ready for use, then press and hold the button for 10 seconds until the three buttons flash in sequence: The appliance is now in programming mode. Setthecoffeemakerasyouwish,thenexitthesettingsmenuby waiting for 15 seconds. Pleasenote: Ifnoselectionsaremadefor15seconds,theapplianceautomat- ically exits programming and is ready for use again. 9.1 Setting coffee temperature Tomodifythetemperatureofthewaterusedtomakethecoffee, proceed as follows: 1. Access the settings menu; 2. Press the button to enter the coffee temperature selection mode. The lights corresponding to the current selection come on: low medium high 3. The lights start flashing in sequence; 4. Press the button corresponding to the required temperature: low medium high 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.2 Setting water hardness The light (B7) indicating that the coffee maker needs descaling comes on after a period of operation established according to water hardness. The appliance can also be programmed according to the hard- ness of the mains water in the various regions so that descaling needs to be performed more or less frequently. Proceed as follows: 1. Access the settings menu; 2. Press the button to enter the water hardness selec- tion mode. The lights corresponding to the current selec- tion come on: soft medium hard 3. The lights start flashing in sequence; 4. Press the button corresponding to the water hardness in your area: soft water medium water hard water 20°dH 36°fH 360mg/l CaCo3 - The button flashes to indicate that the selection has been saved. The appliance exits the menu and is ready for use. 9.3 Adjusting auto-off (stand-by) To save energy, an auto-off function turns the appliance off when not used for a long period.To turn it back on again, press any button on the control panel. 1. Access the settings menu; 2. Pressthe buttontoentertheauto-offtimeselection mode. The lights corresponding to the current selection come on: 9 min 30 min 3 hours 3. The lights start flashing in sequence; 4. Press the button corresponding to the required time: 9 min 30 min 3 hours 10 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.4 Default values (reset) This resets all menu settings and programmed quantities back to the default values. To reset the default values, proceed as follows: 1. Position the steam spout over the drip tray; 2. Access the settings menu; 3. Turn the steam dial to the position; 4. Press the button. The three lights flash simulta- neously to confirm that the original settings have been restored. 5. The and lights flash to indicate that the steam dial must be closed again (○symbol). When the steam dial has been closed, the appliance is ready for use. 10. HOW TO MAKE ESPRESSO COFFEE 10.1 Tips for a hotter coffee For hotter espresso coffee, you should: • You are recommended to warm the cups before making coffee by rinsing them with a little hot water. • Attach the filter holder to the appliance with the filter in place but without adding coffee. Using the same cup as will later be used to make the coffee, press the 1 cup button and deliver hot water into the cup to heat it. • Raise the coffee temperature in the settings menu. • Rest the cups you will be using on the cup warmer (A4) which becomes hot during operation. 10.2 How to prepare espresso coffee using pre- ground coffee 1. Place the ground coffee filter (C2 or C3) in the filter holder (fig. 6).To make one coffee, use the filter with the symbol on the bottom, to make two coffees, use the filter with the symbol on the bottom. 2. To make just one coffee, place one level measure of pre- ground coffee (about 7 g) in the filter (fig. 7).To make two coffees,placetwolooselyfilledmeasures(about7+7g)of pre-groundcoffeeinthefilter.Fillthefilteralittleatatime to prevent the pre-ground coffee from overflowing. Important: For correct operation, before filling with pre-ground coffee, make sure there are no coffee residues left in the filter from the last time you made coffee. 3. Distribute the pre-ground coffee evenly and press lightly with the presser (fig. 8). Correct pressing of the pre-ground coffee is essential to obtain a good espresso. If you press too firmly, the coffee will be delivered slowly and will be strong. If you press too lightly, the coffee will be delivered quickly and will be weak. 4. Remove any excess coffee from the rim of the filter holder and attach the filter holder to the appliance.To attach cor- rectly, align the filter holder handle with the INSERT sym- bol (fig. 9), attach the filter holder and rotate the handle towards the right until aligned with the CLOSE symbol. 5. Place the cup or cups under the filter holder spouts (fig. 10). 6. Make sure the lights corresponding to the coffee buttons are on, then press the or coffee button. The appliance proceeds to make the coffee and delivery is in- terrupted automatically. 7. To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.3 How to make espresso coffee using pods Pleasenote: Use pods conforming to the ESE standard, indicated on the pack by the following symbol. TheESEstandardisasystemacceptedbylead- ing pod producers and enables espresso coffee to be prepared simply and cleanly. 1. Place the filter for coffee pods (with the symbol on the bottom) in the filter holder. 2. Insert the pod, centring it as far as possible on the filter (fig. 11). Always follow the instructions on the pod pack to position the pod on the filter correctly. Proceed as described in points 4 to 6 in the previous section. Pleasenote: • While the appliance is making coffee, delivery can be in- terrupted at any moment by pressing the coffee button pressed previously. • At the end of delivery (within 3 seconds), to increase the amount of coffee in the cup, press and hold the coffee but- 11 ton pressed previously. Delivery is automatically interrupt- ed after a few seconds. • To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.4 Programming the quantities of coffee in the cup The appliance is set by default to automatically deliver standard quantities.To change these quantities, proceed as follows: 1. Place one or two cups under the filter holder spouts. 2. Press and hold the button you want to programme (or). The coffee maker starts delivering coffee and the other coffee button flashes to indicate that the appli- ance is in programming mode. 3. Once the required quantity of coffee has been delivered into the cup, release the button. Delivery stops and the light flashes to indicate that the quantity has been saved correctly. 4. Whenthetwocoffeelightscomeonsteadily,theappliance is ready for use. 11. HOW TO MAKE CAPPUCCINO 1. Prepare the espresso coffees as described in the previous sections, using sufficiently large cups. To use tall glasses, remove the drip tray and stand the glasses on the glasses tray (A10); 2. Press the button (fig. 12).The light flashes; 3. In the meantime, fill a recipient with about 100 grams of milkforeachcappuccinotobeprepared.Foradensermore even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C). In choosing thesizeoftherecipient,bearinmindthatthemilkdoubles or triples in volume (fig. 13). 4. Make sure the cappuccino maker selection ring (A14) is in the "CAPPUCCINO" position (fig. 14); 5. Wait for the light corresponding to the button to come on steadily, indicating that the boiler has reached the ideal temperature to produce steam. 6. Position an empty container under the cappuccino maker andopenthedialforafewsecondstoeliminateanyairleft in the circuit. Close the dial again. 7. Placetherecipientcontainingthemilkunderthecappucci- no maker. 8. Immerse the cappuccino maker in the milk container. Never immerse the black ring (fig. 15).Turn the dial to the position. Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance (fig. 16). To obtain a creamier froth, immerse the cappuccino maker in the milk and rotate the container with slow up- ward movements. 9. When the required temperature (the ideal is 60°C) and froth density is reached, interrupt steam delivery by turn- ing the steam dial clockwise. 10. Pourthefrothedmilkintothecupscontainingtheespresso coffeepreparedpreviously.Thecappuccinoisready.Sweet- en to taste and if desired, sprinkle the froth with a little cocoa powder. Pleasenote: • to prepare more than one cappuccino, first make all the coffees then at the end prepare the frothed milk for all the cappuccinos; • to exit the steam function, press any button. The and lights flash to indicate that the temperature is too high to make coffee (see section "Cooling the boiler"). You should not deliver steam for more than 60 seconds. 12. MAKING HOT MILK To make hot milk without froth, proceed as described in the above section, making sure the cappuccino maker selection ring (A14) is positioned upwards in the "HOT MILK" position. 13. CLEANING THE CAPPUCCINO MAKER AFTER USE Important: For hygiene reasons, the cappuccino maker should always be cleaned after use. Proceed as follows: 1. Turn the steam dial to deliver a little steam for a few sec- onds (points 2, 5 and 6 of the previous section). This caus- es the cappuccino maker to discharge any milk left inside. Press the ON/OFF button to turn the appliance off. 2. Waitafewminutesforthecappuccinomakertocooldown. With one hand, hold the cappuccino maker tube firmly, with the other, release the cappuccino maker by turning it clockwise, then pull off downwards (fig. 17). 3. Remove the rubber steam connection nozzle from the spout by pulling it downwards (fig. 18). 4. Pushtheringupwardsandmakesurethetwoholesshown by the arrows in fig. 19 are not blocked. If necessary, clean with a pin; 12 5. Replace the nozzle, move the ring downwards and put the cappuccino maker back on the connection nozzle, turning it and pushing it upwards until it is attached. 14. COOLING THE BOILER To make coffee again immediately after frothing milk, the boil- er must first be cooled or the coffee will be burnt. Proceed as follows: • place a container under the cappuccino maker; • open the steam dial to deliver hot water and cool the boiler; • hot water delivery is interrupted automatically when the boileriscool.Whenthepumpstopsoperatingandnomore water is delivered, close the steam dial. The coffee maker is now ready for use. 15. HOT WATER 1. Press the ON/OFF button (fig. 3) to turn the appliance on. Wait for the coffee lights to come on steadily. 2. Place a recipient under the cappuccino maker. 3. Turnthedialtothe position.Hotwaterisdelivered from the cappuccino maker. 4. To stop hot water delivery, close the dial and press any button. You should not deliver hot water for more than 60 seconds. 16. CLEANING 16.1 Cleaning the machine The following parts of the machine must be cleaned regularly: - drip tray (A9) - the coffee filters (C2, C3 and C4); - the boiler outlet (A5); - water tank (A3); - the cappuccino maker (A15) as described in section ""13. Cleaning the cappuccino maker after use"; Important! • Donotusesolvents,abrasivedetergentsoralcoholtoclean the coffee machine. • Donotusemetalobjectstoremoveencrustationsorcoffee deposits as they could scratch metal or plastic surfaces. • Iftheapplianceisnotusedformorethanoneweek,before usingitagain,westronglyrecommendyouperformarinse cycle as described in section "8. first use". Danger! • While cleaning, never immerse the coffee maker in water. It is an electrical appliance. • Before cleaning the outside of the appliance, turn it off, unplug from the mains socket and allow to cool. 16.2 Cleaning the drip tray Important! The drip tray is fitted with a level indicator (red) showing the levelofwateritcontains(fig.20).Beforetheindicatorprotrudes from the cup tray, 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. 1. Remove the drip tray (fig. 21). 2. Remove the cup tray (A7), empty the water and clean the drip tray with a cloth, then reassemble the drip tray. Ex- tract the mugs or glasses tray (A10), clean with water, dry and put back in the machine; 3. Put the drip tray back in place. 16.3 Cleaning the coffee filters Clean the coffee filters regularly: 1. Rinse the filters under running water (fig. 22); 2. Make sure the holes are not blocked. If necessary, clean with a pin (figs. 22 and 23). 16.4 Cleaning the boiler outlet After every 200 coffees, rinse the boiler outlet by delivering about 0.5 l of water from the boiler outlet (press the coffee but- ton without using ground coffee). 16.5 Other cleaning operations 1. Donotusesolventsorabrasivedetergentstocleanthecof- fee maker. Use a soft damp cloth only. 2. Clean the filter holder cup. 16.6 Cleaning the water tank 1. Clean the water tank regularly (about once a month) and whenever you replace the water softener filter (C6, *if pro- vided) with a damp cloth and a little mild washing up liquid; 2. Remove the filter (*if present) and rinse with running water; 3. Put the filter (*if provided) back in the appliance, fill the tank with fresh water and replace the tank; 4. (Models with water softener filter only) Deliver about 100 ml of water. Danger! While cleaning, never immerse the coffee maker in water. It is an electrical appliance. 13 16.7 Descale Descale the appliance when the orange light on the but- ton comes on. Important! • Before use, read the instructions and the labelling on the descaler pack. • You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may re- sult in faults not covered by the manufacturer's guarantee. Proceed as follows: 1. (IF PRESENT, REMOVE THE WATER SOFTENER FILTER). Fill the tank with the descaler solution, obtained by diluting the descaler provided with water (fill the water tank up to the MAX level). 2. Press the ON/OFF button. 3. Make sure the filter holder is not attached and position a recipient under the hot water spout and boiler outlet (A5) (fig. 24). 4. Wait for the and lights to come on steadily, indicating that the appliance is ready for use. 5. Press and hold the button for 10 seconds until the three buttons flash in sequence. 6. Turn the steam dial to the position. 7. Press the button to start descaling. 8. The descale programme starts and the descaler liquid comes out of the water spout. The descale programme removes limescale deposits from inside the appliance by automaticallyperformingaseriesofrinsesandpausesuntil the tank is completely empty. Pleasenote: During descaling, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of descaler from the boiler outlet. 9. The appliance stops operation and the orange light continues to flash, indicating that descaling is still underway. 10. The appliance is now ready for rinsing through with clean water. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance (If used, insert the water softener filter). 11. Empty the container used to collect the descaler solution and replace it empty under the hot water spout. 12. Make sure the steam dial is in the position, then press the button to start rinsing. Pleasenote: During rinsing, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of water from the boiler outlet. 13. When the water tank is empty, the orange light goes out and descaling is complete. 14. Make sure the steam dial is in the closed position (○ symbol). The appliance is ready for use. Pleasenote! • If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle; • Ifthewatertankhasnotbeenfilledtothe MAXlevel,atthe end of descaling, the appliance requests a further rinse to guarantee that the descaler solution has been completely eliminated from the machine's internal circuits. Repairofdamagetothecoffeemakercausedbylimescaleisnot coveredbytheguaranteeunlessdescalingisperformedregular- ly as described above. 14 17. EXPLANATION OF LIGHTS Lights Operation Explanation of lights The ON/OFF button is turned on The appliance performs a self-diagnosis cycle, indicated by sequential flashing of the lights When the appliance is turned on Flashing lights: the appliance is heating up to make coffee Lights on steadily: the appliance is ready to make coffee Thelightsflashrapidly:thetankisempty ortheappliancewillnotmakecoffee.See the section"7. Filling the water tank" The steam function is required Flashing light: the appliance is heating up to deliver steam Light on steadily: the appliance is ready to deliver steam orange flashing The appliance needs descaling Descale the appliance, the operation is complete when the light goes off. Steam dial open Flashing lights: close the steam dial High boiler temperature Flashing lights: Cool as described in sec- tion"14. Cooling the boiler" 18. TROUBLESHOOTING Problem Cause Solution No espresso coffee is delivered No water in the tank Fill the tank The holes in the filter holder are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom Limescale in the water circuit Descale as described in section"16.7 Descale" 15 The espresso coffee drips from the edges of the filter holder rather than the holes The filter holder has been inserted incor- rectly or is dirty Attach the filter holder correctly and rotate firmly as far as it will go The espresso boiler gasket has lost elas- ticity or is dirty Have the espresso boiler gasket replaced by Cus- tomer Services The holes in the filter holder spouts are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The filter holder cannot be at- tached to the appliance Too much coffee has been placed in the filter Use the measure supplied and make sure you are using the correct filter for the type of preparation The coffee froth is too light (de- livered from the spout too fast) The pre-ground coffee is not pressed down firmly enough Press the pre-ground coffee more firmly There is not enough pre-ground coffee Increase the quantity of pre-ground coffee The pre-ground coffee is too coarse Use only pre-ground coffee for espresso coffee makers The wrong type of pre-ground coffee is being used Change the type of pre-ground coffee The coffee froth is too dark (delivered from the spout too slowly) The pre-ground coffee is pressed down too firmly Press the coffee down less firmly There is not enough pre-ground coffee Reduce the quantity of pre-ground coffee The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The pre-ground coffee is too fine Use only pre-ground coffee for espresso coffee makers Thepre-groundcoffeeistoofineordamp Use pre-ground coffee for espresso coffee makers only and make sure it is not too damp Limescale in the water circuit Descale as described in section"16.7 Descale" Afterdeliveringcoffee,thefilter remains attached to the boiler outlet Insert the filter holder again, deliver coffee, then remove the filter holder The appliance will not make anydrinkandthe , and lights flash for a few seconds No water in the tank Fill the tank with water The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" Limescale in the water circuit Descale as described in section"16.7 Descale" 16 19. ELECTRICAL CONNECTION (UK ONLY) Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company. The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity. Shouldthisplugnotfitthesocketoutletsinyourhome,itshouldbecutoffandreplacedwithasuitableplug,followingtheprocedure outlined below. Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger. Please note:Werecommendtheuseofgoodqualityplugsandwallsocketsthatcanbeswitchedoffwhenthemachineisnotinuse. IMPORTANT: The wires in the mains lead fitted to this appliance are coloured in accordance with the following code: GREEN ANDYELLOW EARTH BLUE NEUTRAL BROWN LIVE Asthecoloursofthewiresinthemainsleadofthisappliancemaynotcorrespondwiththecolouredmarkingsidentifyingtheterminals in your plug, proceed as follows: - The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow. - The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. - The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician. Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size. After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover. Only 13amp replacement fuses which are asta approved to B.S. 1362 should be fitted. This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference. Warning - this appliance must be earthed GreenandYellowtoEarth 13ampFuse Browntolive CordClamp Blueto neutral The appliance does not func- tion and all the lights flash Disconnect the appliance immediately and contact authorised Customer Services. No milk froth is formed when making cappuccino The ring is in the"HOT MILK"position Push the ring into the"CAPPUCCINO"position. Milk not cold enough Always use milk at refrigerator temperature Cappuccino maker dirty Clean as described in section "13. Cleaning the cappuccino maker after use" Limescale in the water circuit Descale as described in section"16.7 Descale" At the end of descaling, the ap- pliance requests a further rinse Duringtherinsecycle,thewatertankhas not been filled to the MAX level Repeat the rinse cycle from point 10 of the section "Explanation of lights""16.7 Descale" Page 2 6 1. FUNDAMENTAL SAFETY WARNINGS • The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. • Children should be supervised to ensure that they do not play with the appliance. • Cleaning and user maintenance shall not be made by children without supervision. • Never clean by immersing the appliance in water. • This is an household appliance only. It is not intended to be used in: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels and other residential type environments; bed and breakfast type environments. • If the plug or cord is damaged, it must be replaced by Customer Services only to avoid all risk. FOR EUROPEAN MARKETS ONLY: • This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made bychildrenunlesstheyareolderthan8andsupervised.Keeptheapplianceandpower cord away from children under eight years of age. • The appliance can be used by persons with reduced physical, sensory or mental capa- bilities or lack of experience and knowledge if they are supervised or have been given instruction concerning use of the appliance in a safe way and if they understand the hazards involved. • Children shall not play with the appliance. • Alwaysunplugtheappliancewhenleftunattendedandbeforeassembly,takingapart or cleaning. Surfaces marked with this symbol become hot during use (the symbol is present in certain models only). 7 2. SAFETY WARNINGS Danger!Failuretoobservethewarningmayresultinlife threateninginjurybyelectricshock. This is an electrical appliance and may cause electrical shocks. You should therefore follow these safety warnings: • Never touch the appliance with damp hands or feet. • Never touch the plug with damp hands. • Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary. • Unplug directly from the plug only. Never pull the cord as you could damage it. • Todisconnecttheappliancecompletelyyoumustunplugit from the mains socket. • If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Cus- tomer Services. • Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool. Important: Failure to observe the warning could result in injuryordamagetotheappliance. Keep all packaging (plastic bags, polystyrene foam) away from children. Danger of burns! Failure to observe the warning could resultinscaldsorburns. This appliance produces hot water and steam may form while it is in operation. Avoid contact with splashes of water or hot steam. 2.1 Designated use and restrictions This appliance is designed and made to prepare coffee or hot water and to heat milk using steam. Use drinking water only to fill the tank as described in the In- struction for Use. Never use the hot water/steam spout (A12) with beverages other than milk. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance. 2.2 Instruction for Use Read this Instruction for Use carefully before using the appli- ance. Failure to follow this Instruction for Use may result in burns or damage to the appliance. The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use. Pleasenote: Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use. 2.3 Checking the appliance After removing the packaging, make sure the product is com- plete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services. 3. DISPOSING OF THE APPLIANCE The appliance must not be disposed of with house- hold waste, but taken to an authorised waste separa- tion and recycling centre. 4. TECHNICAL DATA Mains voltage:....................................... 220-240V~50/60Hz Absorbed power:... 1350W Pressure:.. 15 bar Water tank capacity:...1 l Size LxHxD..149x305x330 (414)mm Weight...4.04 kg This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into con- tact with food. None of the components or accessories is dish- washer safe. 8 5. DESCRIPTION (page 3) Theterminologybelowwillbeusedrepeatedlyonthefollowing pages. 5.1 Description of the appliance A1. Water tank lid A2. Tank extraction handle A3. Water tank A4. Cup warmer A5. Boiler outlet A6. ON/OFF switch A7. Cup tray A8. Drip tray full indicator A9. Drip tray A10. Mugs or glasses tray A11. Steam dial A12. Hot water/steam spout A13. Hot water/steam connection nozzle A14. Cappuccino maker selection ring A15. Hot water/steam connection tube 5.2 Description control panel B1. One cup button B2. ON light on button (white) B3. Two cups button B4. ON light on button (white) B5. Steam button B6. ON light on button (white) B7. Descale light (orange) 5.3 Description of the accessories C1. Filter holder C2. 1 cup filter (symbol under filter) C3. 2 cup filter (symbol under filter) C4. Pod filter (symbol under filter) C5. Measure/presser C6. Water softener filter (*not included, can be purchased from authorised Customer Services) 6. INSTALLING THE APPLIANCE Important! When you install the appliance, you should respect the follow- ing safety warnings: • Water penetrating the coffee maker 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 tempera- ture could drop below freezing point. • Arrange the cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates). • The appliance gives off heat. After positioning the appli- ance on the worktop, leave a space of at least 3 cm be- tween the surfaces of the appliance and the side and rear walls and at least 15 cm above the machine. • Clean all the removable parts with tap water. 6.1 Connecting the appliance Danger! 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. 7. FILLING THE WATER TANK Pleasenote: Before first use, wash all the accessories and water tank with warm water. 1. Extract the tank by pulling it upwards (fig. 1). 2. Openthelidandfillthetankwithfreshcleanwater,taking care not to exceed the MAX level (fig. 2). Put the tank back intheappliance,pressinglightlytoopenthevalveslocated 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. Important: Never operate the appliance without water in the tank or with- out the tank. Pleasenote: It is normal for there to be water in the space under the tank. This should therefore be dried regularly with a clean sponge. 8. FIRST USE At first use, rince the internal circuit as follows: 1. Turn the appliance on by pressing the ON/OFF switch (fig. 3).Theapplianceperformsaself-diagnosiscycle,indicated by sequential flashing of the three buttons. 2. The and lights flash to indicate the appliance is heating up.When the lights stop flashing and remain on steadily, the appliance is ready for operating the rinse. 3. Attach the filter holder to the appliance (fig. 9). 9 4. Place a container with a minimum capacity of 500 ml under the boiler outlet (A5) (fig. 4) and press the button. Repeat this operation 5 times. 5. Empty the container and put it under the hot water/steam spout (A12) (fig. 4). 6. Turn the hot water/steam dial to the position (fig. 5) and deliver to empty the water tank (A3); then turn the knob to the ○ position. 9. PROGRAMMING THE SETTINGS MENU To access the menu, make sure the appliance is ready for use, then press and hold the button for 10 seconds until the three buttons flash in sequence: The appliance is now in programming mode. Setthecoffeemakerasyouwish,thenexitthesettingsmenuby waiting for 15 seconds. Pleasenote: Ifnoselectionsaremadefor15seconds,theapplianceautomat- ically exits programming and is ready for use again. 9.1 Setting coffee temperature Tomodifythetemperatureofthewaterusedtomakethecoffee, proceed as follows: 1. Access the settings menu; 2. Press the button to enter the coffee temperature selection mode. The lights corresponding to the current selection come on: low medium high 3. The lights start flashing in sequence; 4. Press the button corresponding to the required temperature: low medium high 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.2 Setting water hardness The light (B7) indicating that the coffee maker needs descaling comes on after a period of operation established according to water hardness. The appliance can also be programmed according to the hard- ness of the mains water in the various regions so that descaling needs to be performed more or less frequently. Proceed as follows: 1. Access the settings menu; 2. Press the button to enter the water hardness selec- tion mode. The lights corresponding to the current selec- tion come on: soft medium hard 3. The lights start flashing in sequence; 4. Press the button corresponding to the water hardness in your area: soft water medium water hard water 20°dH 36°fH 360mg/l CaCo3 - The button flashes to indicate that the selection has been saved. The appliance exits the menu and is ready for use. 9.3 Adjusting auto-off (stand-by) To save energy, an auto-off function turns the appliance off when not used for a long period.To turn it back on again, press any button on the control panel. 1. Access the settings menu; 2. Pressthe buttontoentertheauto-offtimeselection mode. The lights corresponding to the current selection come on: 9 min 30 min 3 hours 3. The lights start flashing in sequence; 4. Press the button corresponding to the required time: 9 min 30 min 3 hours 10 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.4 Default values (reset) This resets all menu settings and programmed quantities back to the default values. To reset the default values, proceed as follows: 1. Position the steam spout over the drip tray; 2. Access the settings menu; 3. Turn the steam dial to the position; 4. Press the button. The three lights flash simulta- neously to confirm that the original settings have been restored. 5. The and lights flash to indicate that the steam dial must be closed again (○symbol). When the steam dial has been closed, the appliance is ready for use. 10. HOW TO MAKE ESPRESSO COFFEE 10.1 Tips for a hotter coffee For hotter espresso coffee, you should: • You are recommended to warm the cups before making coffee by rinsing them with a little hot water. • Attach the filter holder to the appliance with the filter in place but without adding coffee. Using the same cup as will later be used to make the coffee, press the 1 cup button and deliver hot water into the cup to heat it. • Raise the coffee temperature in the settings menu. • Rest the cups you will be using on the cup warmer (A4) which becomes hot during operation. 10.2 How to prepare espresso coffee using pre- ground coffee 1. Place the ground coffee filter (C2 or C3) in the filter holder (fig. 6).To make one coffee, use the filter with the symbol on the bottom, to make two coffees, use the filter with the symbol on the bottom. 2. To make just one coffee, place one level measure of pre- ground coffee (about 7 g) in the filter (fig. 7).To make two coffees,placetwolooselyfilledmeasures(about7+7g)of pre-groundcoffeeinthefilter.Fillthefilteralittleatatime to prevent the pre-ground coffee from overflowing. Important: For correct operation, before filling with pre-ground coffee, make sure there are no coffee residues left in the filter from the last time you made coffee. 3. Distribute the pre-ground coffee evenly and press lightly with the presser (fig. 8). Correct pressing of the pre-ground coffee is essential to obtain a good espresso. If you press too firmly, the coffee will be delivered slowly and will be strong. If you press too lightly, the coffee will be delivered quickly and will be weak. 4. Remove any excess coffee from the rim of the filter holder and attach the filter holder to the appliance.To attach cor- rectly, align the filter holder handle with the INSERT sym- bol (fig. 9), attach the filter holder and rotate the handle towards the right until aligned with the CLOSE symbol. 5. Place the cup or cups under the filter holder spouts (fig. 10). 6. Make sure the lights corresponding to the coffee buttons are on, then press the or coffee button. The appliance proceeds to make the coffee and delivery is in- terrupted automatically. 7. To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.3 How to make espresso coffee using pods Pleasenote: Use pods conforming to the ESE standard, indicated on the pack by the following symbol. TheESEstandardisasystemacceptedbylead- ing pod producers and enables espresso coffee to be prepared simply and cleanly. 1. Place the filter for coffee pods (with the symbol on the bottom) in the filter holder. 2. Insert the pod, centring it as far as possible on the filter (fig. 11). Always follow the instructions on the pod pack to position the pod on the filter correctly. Proceed as described in points 4 to 6 in the previous section. Pleasenote: • While the appliance is making coffee, delivery can be in- terrupted at any moment by pressing the coffee button pressed previously. • At the end of delivery (within 3 seconds), to increase the amount of coffee in the cup, press and hold the coffee but- 11 ton pressed previously. Delivery is automatically interrupt- ed after a few seconds. • To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.4 Programming the quantities of coffee in the cup The appliance is set by default to automatically deliver standard quantities.To change these quantities, proceed as follows: 1. Place one or two cups under the filter holder spouts. 2. Press and hold the button you want to programme (or). The coffee maker starts delivering coffee and the other coffee button flashes to indicate that the appli- ance is in programming mode. 3. Once the required quantity of coffee has been delivered into the cup, release the button. Delivery stops and the light flashes to indicate that the quantity has been saved correctly. 4. Whenthetwocoffeelightscomeonsteadily,theappliance is ready for use. 11. HOW TO MAKE CAPPUCCINO 1. Prepare the espresso coffees as described in the previous sections, using sufficiently large cups. To use tall glasses, remove the drip tray and stand the glasses on the glasses tray (A10); 2. Press the button (fig. 12).The light flashes; 3. In the meantime, fill a recipient with about 100 grams of milkforeachcappuccinotobeprepared.Foradensermore even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C). In choosing thesizeoftherecipient,bearinmindthatthemilkdoubles or triples in volume (fig. 13). 4. Make sure the cappuccino maker selection ring (A14) is in the "CAPPUCCINO" position (fig. 14); 5. Wait for the light corresponding to the button to come on steadily, indicating that the boiler has reached the ideal temperature to produce steam. 6. Position an empty container under the cappuccino maker andopenthedialforafewsecondstoeliminateanyairleft in the circuit. Close the dial again. 7. Placetherecipientcontainingthemilkunderthecappucci- no maker. 8. Immerse the cappuccino maker in the milk container. Never immerse the black ring (fig. 15).Turn the dial to the position. Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance (fig. 16). To obtain a creamier froth, immerse the cappuccino maker in the milk and rotate the container with slow up- ward movements. 9. When the required temperature (the ideal is 60°C) and froth density is reached, interrupt steam delivery by turn- ing the steam dial clockwise. 10. Pourthefrothedmilkintothecupscontainingtheespresso coffeepreparedpreviously.Thecappuccinoisready.Sweet- en to taste and if desired, sprinkle the froth with a little cocoa powder. Pleasenote: • to prepare more than one cappuccino, first make all the coffees then at the end prepare the frothed milk for all the cappuccinos; • to exit the steam function, press any button. The and lights flash to indicate that the temperature is too high to make coffee (see section "Cooling the boiler"). You should not deliver steam for more than 60 seconds. 12. MAKING HOT MILK To make hot milk without froth, proceed as described in the above section, making sure the cappuccino maker selection ring (A14) is positioned upwards in the "HOT MILK" position. 13. CLEANING THE CAPPUCCINO MAKER AFTER USE Important: For hygiene reasons, the cappuccino maker should always be cleaned after use. Proceed as follows: 1. Turn the steam dial to deliver a little steam for a few sec- onds (points 2, 5 and 6 of the previous section). This caus- es the cappuccino maker to discharge any milk left inside. Press the ON/OFF button to turn the appliance off. 2. Waitafewminutesforthecappuccinomakertocooldown. With one hand, hold the cappuccino maker tube firmly, with the other, release the cappuccino maker by turning it clockwise, then pull off downwards (fig. 17). 3. Remove the rubber steam connection nozzle from the spout by pulling it downwards (fig. 18). 4. Pushtheringupwardsandmakesurethetwoholesshown by the arrows in fig. 19 are not blocked. If necessary, clean with a pin; 12 5. Replace the nozzle, move the ring downwards and put the cappuccino maker back on the connection nozzle, turning it and pushing it upwards until it is attached. 14. COOLING THE BOILER To make coffee again immediately after frothing milk, the boil- er must first be cooled or the coffee will be burnt. Proceed as follows: • place a container under the cappuccino maker; • open the steam dial to deliver hot water and cool the boiler; • hot water delivery is interrupted automatically when the boileriscool.Whenthepumpstopsoperatingandnomore water is delivered, close the steam dial. The coffee maker is now ready for use. 15. HOT WATER 1. Press the ON/OFF button (fig. 3) to turn the appliance on. Wait for the coffee lights to come on steadily. 2. Place a recipient under the cappuccino maker. 3. Turnthedialtothe position.Hotwaterisdelivered from the cappuccino maker. 4. To stop hot water delivery, close the dial and press any button. You should not deliver hot water for more than 60 seconds. 16. CLEANING 16.1 Cleaning the machine The following parts of the machine must be cleaned regularly: - drip tray (A9) - the coffee filters (C2, C3 and C4); - the boiler outlet (A5); - water tank (A3); - the cappuccino maker (A15) as described in section ""13. Cleaning the cappuccino maker after use"; Important! • Donotusesolvents,abrasivedetergentsoralcoholtoclean the coffee machine. • Donotusemetalobjectstoremoveencrustationsorcoffee deposits as they could scratch metal or plastic surfaces. • Iftheapplianceisnotusedformorethanoneweek,before usingitagain,westronglyrecommendyouperformarinse cycle as described in section "8. first use". Danger! • While cleaning, never immerse the coffee maker in water. It is an electrical appliance. • Before cleaning the outside of the appliance, turn it off, unplug from the mains socket and allow to cool. 16.2 Cleaning the drip tray Important! The drip tray is fitted with a level indicator (red) showing the levelofwateritcontains(fig.20).Beforetheindicatorprotrudes from the cup tray, 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. 1. Remove the drip tray (fig. 21). 2. Remove the cup tray (A7), empty the water and clean the drip tray with a cloth, then reassemble the drip tray. Ex- tract the mugs or glasses tray (A10), clean with water, dry and put back in the machine; 3. Put the drip tray back in place. 16.3 Cleaning the coffee filters Clean the coffee filters regularly: 1. Rinse the filters under running water (fig. 22); 2. Make sure the holes are not blocked. If necessary, clean with a pin (figs. 22 and 23). 16.4 Cleaning the boiler outlet After every 200 coffees, rinse the boiler outlet by delivering about 0.5 l of water from the boiler outlet (press the coffee but- ton without using ground coffee). 16.5 Other cleaning operations 1. Donotusesolventsorabrasivedetergentstocleanthecof- fee maker. Use a soft damp cloth only. 2. Clean the filter holder cup. 16.6 Cleaning the water tank 1. Clean the water tank regularly (about once a month) and whenever you replace the water softener filter (C6, *if pro- vided) with a damp cloth and a little mild washing up liquid; 2. Remove the filter (*if present) and rinse with running water; 3. Put the filter (*if provided) back in the appliance, fill the tank with fresh water and replace the tank; 4. (Models with water softener filter only) Deliver about 100 ml of water. Danger! While cleaning, never immerse the coffee maker in water. It is an electrical appliance. 13 16.7 Descale Descale the appliance when the orange light on the but- ton comes on. Important! • Before use, read the instructions and the labelling on the descaler pack. • You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may re- sult in faults not covered by the manufacturer's guarantee. Proceed as follows: 1. (IF PRESENT, REMOVE THE WATER SOFTENER FILTER). Fill the tank with the descaler solution, obtained by diluting the descaler provided with water (fill the water tank up to the MAX level). 2. Press the ON/OFF button. 3. Make sure the filter holder is not attached and position a recipient under the hot water spout and boiler outlet (A5) (fig. 24). 4. Wait for the and lights to come on steadily, indicating that the appliance is ready for use. 5. Press and hold the button for 10 seconds until the three buttons flash in sequence. 6. Turn the steam dial to the position. 7. Press the button to start descaling. 8. The descale programme starts and the descaler liquid comes out of the water spout. The descale programme removes limescale deposits from inside the appliance by automaticallyperformingaseriesofrinsesandpausesuntil the tank is completely empty. Pleasenote: During descaling, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of descaler from the boiler outlet. 9. The appliance stops operation and the orange light continues to flash, indicating that descaling is still underway. 10. The appliance is now ready for rinsing through with clean water. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance (If used, insert the water softener filter). 11. Empty the container used to collect the descaler solution and replace it empty under the hot water spout. 12. Make sure the steam dial is in the position, then press the button to start rinsing. Pleasenote: During rinsing, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of water from the boiler outlet. 13. When the water tank is empty, the orange light goes out and descaling is complete. 14. Make sure the steam dial is in the closed position (○ symbol). The appliance is ready for use. Pleasenote! • If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle; • Ifthewatertankhasnotbeenfilledtothe MAXlevel,atthe end of descaling, the appliance requests a further rinse to guarantee that the descaler solution has been completely eliminated from the machine's internal circuits. Repairofdamagetothecoffeemakercausedbylimescaleisnot coveredbytheguaranteeunlessdescalingisperformedregular- ly as described above. 14 17. EXPLANATION OF LIGHTS Lights Operation Explanation of lights The ON/OFF button is turned on The appliance performs a self-diagnosis cycle, indicated by sequential flashing of the lights When the appliance is turned on Flashing lights: the appliance is heating up to make coffee Lights on steadily: the appliance is ready to make coffee Thelightsflashrapidly:thetankisempty ortheappliancewillnotmakecoffee.See the section"7. Filling the water tank" The steam function is required Flashing light: the appliance is heating up to deliver steam Light on steadily: the appliance is ready to deliver steam orange flashing The appliance needs descaling Descale the appliance, the operation is complete when the light goes off. Steam dial open Flashing lights: close the steam dial High boiler temperature Flashing lights: Cool as described in sec- tion"14. Cooling the boiler" 18. TROUBLESHOOTING Problem Cause Solution No espresso coffee is delivered No water in the tank Fill the tank The holes in the filter holder are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom Limescale in the water circuit Descale as described in section"16.7 Descale" 15 The espresso coffee drips from the edges of the filter holder rather than the holes The filter holder has been inserted incor- rectly or is dirty Attach the filter holder correctly and rotate firmly as far as it will go The espresso boiler gasket has lost elas- ticity or is dirty Have the espresso boiler gasket replaced by Cus- tomer Services The holes in the filter holder spouts are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The filter holder cannot be at- tached to the appliance Too much coffee has been placed in the filter Use the measure supplied and make sure you are using the correct filter for the type of preparation The coffee froth is too light (de- livered from the spout too fast) The pre-ground coffee is not pressed down firmly enough Press the pre-ground coffee more firmly There is not enough pre-ground coffee Increase the quantity of pre-ground coffee The pre-ground coffee is too coarse Use only pre-ground coffee for espresso coffee makers The wrong type of pre-ground coffee is being used Change the type of pre-ground coffee The coffee froth is too dark (delivered from the spout too slowly) The pre-ground coffee is pressed down too firmly Press the coffee down less firmly There is not enough pre-ground coffee Reduce the quantity of pre-ground coffee The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The pre-ground coffee is too fine Use only pre-ground coffee for espresso coffee makers Thepre-groundcoffeeistoofineordamp Use pre-ground coffee for espresso coffee makers only and make sure it is not too damp Limescale in the water circuit Descale as described in section"16.7 Descale" Afterdeliveringcoffee,thefilter remains attached to the boiler outlet Insert the filter holder again, deliver coffee, then remove the filter holder The appliance will not make anydrinkandthe , and lights flash for a few seconds No water in the tank Fill the tank with water The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" Limescale in the water circuit Descale as described in section"16.7 Descale" 16 19. ELECTRICAL CONNECTION (UK ONLY) Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company. The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity. Shouldthisplugnotfitthesocketoutletsinyourhome,itshouldbecutoffandreplacedwithasuitableplug,followingtheprocedure outlined below. Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger. Please note:Werecommendtheuseofgoodqualityplugsandwallsocketsthatcanbeswitchedoffwhenthemachineisnotinuse. IMPORTANT: The wires in the mains lead fitted to this appliance are coloured in accordance with the following code: GREEN ANDYELLOW EARTH BLUE NEUTRAL BROWN LIVE Asthecoloursofthewiresinthemainsleadofthisappliancemaynotcorrespondwiththecolouredmarkingsidentifyingtheterminals in your plug, proceed as follows: - The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow. - The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. - The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician. Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size. After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover. Only 13amp replacement fuses which are asta approved to B.S. 1362 should be fitted. This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference. Warning - this appliance must be earthed GreenandYellowtoEarth 13ampFuse Browntolive CordClamp Blueto neutral The appliance does not func- tion and all the lights flash Disconnect the appliance immediately and contact authorised Customer Services. No milk froth is formed when making cappuccino The ring is in the"HOT MILK"position Push the ring into the"CAPPUCCINO"position. Milk not cold enough Always use milk at refrigerator temperature Cappuccino maker dirty Clean as described in section "13. Cleaning the cappuccino maker after use" Limescale in the water circuit Descale as described in section"16.7 Descale" At the end of descaling, the ap- pliance requests a further rinse Duringtherinsecycle,thewatertankhas not been filled to the MAX level Repeat the rinse cycle from point 10 of the section "Explanation of lights""16.7 Descale" Page 3 6 1. FUNDAMENTAL SAFETY WARNINGS • The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. • Children should be supervised to ensure that they do not play with the appliance. • Cleaning and user maintenance shall not be made by children without supervision. • Never clean by immersing the appliance in water. • This is an household appliance only. It is not intended to be used in: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels and other residential type environments; bed and breakfast type environments. • If the plug or cord is damaged, it must be replaced by Customer Services only to avoid all risk. FOR EUROPEAN MARKETS ONLY: • This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made bychildrenunlesstheyareolderthan8andsupervised.Keeptheapplianceandpower cord away from children under eight years of age. • The appliance can be used by persons with reduced physical, sensory or mental capa- bilities or lack of experience and knowledge if they are supervised or have been given instruction concerning use of the appliance in a safe way and if they understand the hazards involved. • Children shall not play with the appliance. •

Alwaysunplugtheappliancewhenleftunattendedandbeforeassembly,takingapart or cleaning. Surfaces marked with this symbol become hot during use (the symbol is present in certain models only). 7 2. SAFETY WARNINGS Danger!Failuretoobservethewarningmayresultinlife threateninginjurybyelectricshock. This is an electrical appliance and may cause electrical shocks. You should therefore follow these safety warnings: • Never touch the appliance with damp hands or feet. • Never touch the plug with damp hands. • Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary. • Unplug directly from the plug only. Never pull the cord as you could damage it. • Todisconnecttheappliancecompletelyyoumustunplugit from the mains socket. • If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Cus- tomer Services. • Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool. Important: Failure to observe the warning could result in injuryordamagetotheappliance. Keep all packaging (plastic bags, polystyrene foam) away from children. Danger of burns! Failure to observe the warning could resultinscaldsorburns. This appliance produces hot water and steam may form while it is in operation. Avoid contact with splashes of water or hot steam. 2.1 Designated use and restrictions This appliance is designed and made to prepare coffee or hot water and to heat milk using steam. Use drinking water only to fill the tank as described in the In- struction for Use. Never use the hot water/steam spout (A12) with beverages other than milk. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance. 2.2 Instruction for Use Read this Instruction for Use carefully before using the appli- ance. Failure to follow this Instruction for Use may result in burns or damage to the appliance. The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use. Pleasenote: Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use. 2.3 Checking the appliance After removing the packaging, make sure the product is com- plete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services. 3. DISPOSING OF THE APPLIANCE The appliance must not be disposed of with house- hold waste, but taken to an authorised waste separa- tion and recycling centre. 4. TECHNICAL DATA Mains voltage:..... 220-240V~50/60Hz Absorbed power:..... 1350W Pressure:..... 15 bar Water tank capacity:.....1 l Size LxHxD.....149x305x330 (414)mm Weight.....4.04 kg This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into con- tact with food. None of the components or accessories is dish- washer safe. 8 5. DESCRIPTION (page 3) Theterminologybelowwillbeusedrepeatedlyonthefollowing pages. 5.1 Description of the appliance A1. Water tank lid A2. Tank extraction handle A3. Water tank A4. Cup warmer A5. Boiler outlet A6. ON/OFF switch A7. Cup tray A8. Drip tray full indicator A9. Drip tray A10. Mugs or glasses tray A11. Steam dial A12. Hot water/steam spout A13. Hot water/steam connection nozzle A14. Cappuccino maker selection ring A15. Hot water/steam connection tube 5.2 Description control panel B1. One cup button B2. ON light on button (white) B3. Two cups button B4. ON light on button (white) B5. Steam button B6. ON light on button (white) B7. Descale light (orange) 5.3 Description of the accessories C1. Filter holder C2. 1 cup filter (symbol under filter) C3. 2 cup filter (symbol under filter) C4. Pod filter (symbol under filter) C5. Measure/presser C6. Water softener filter (*not included, can be purchased from authorised Customer Services) 6. INSTALLING THE APPLIANCE Important! When you install the appliance, you should respect the follow- ing safety warnings: • Water penetrating the coffee maker 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 tempera- ture could drop below freezing point. • Arrange the cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates). • The appliance gives off heat. After positioning the appli- ance on the worktop, leave a space of at least 3 cm be- tween the surfaces of the appliance and the side and rear walls and at least 15 cm above the machine. • Clean all the removable parts with tap water. 6.1 Connecting the appliance Danger! 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. 7. FILLING THE WATER TANK Pleasenote: Before first use, wash all the accessories and water tank with warm water. 1. Extract the tank by pulling it upwards (fig. 1). 2. Openthelidandfillthetankwithfreshcleanwater,taking care not to exceed the MAX level (fig. 2). Put the tank back intheappliance,pressinglightlytoopenthevalveslocated 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. Important: Never operate the appliance without water in the tank or with- out the tank. Pleasenote: It is normal for there to be water in the space under the tank. This should therefore be dried regularly with a clean sponge. 8. FIRST USE At first use, rince the internal circuit as follows: 1. Turn the appliance on by pressing the ON/OFF switch (fig. 3).Theappliance performs a self-diagnosis cycle, indicated by sequential flashing of the three buttons. 2. The and lights flash to indicate the appliance is heating up.When the lights stop flashing and remain on steadily, the appliance is ready for operating the rinse. 3. Attach the filter holder to the appliance (fig. 9). 9 4. Place a container with a minimum capacity of 500 ml under the boiler outlet (A5) (fig. 4) and press the button. Repeat this operation 5 times. 5. Empty the container and put it under the hot water/steam spout (A12) (fig. 4). 6. Turn the hot water/steam dial to the position (fig. 5) and deliver to empty the water tank (A3); then turn the knob to the ○ position. 9. PROGRAMMING THE SETTINGS MENU To access the menu, make sure the appliance is ready for use, then press and hold the button for 10 seconds until the three buttons flash in sequence: The appliance is now in programming mode. Setthecoffeemakerasyouwish,thenexitthesettingsmenuby waiting for 15 seconds. Pleasenote: Ifnoselectionsaremadefor15seconds,theappliance automat- ically exits programming and is ready for use again. 9.1 Setting coffee temperature Tomodifythetemperatureofthewaterusedtomakethecoffee, proceed as follows: 1. Access the settings menu; 2. Press the button to enter the coffee temperature selection mode. The lights corresponding to the current selection come on: low medium high 3. The lights start flashing in sequence; 4. Press the button corresponding to the required temperature: low medium high 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.2 Setting water hardness The light (B7) indicating that the coffee maker needs descaling comes on after a period of operation established according to water hardness. The appliance can also be programmed according to the hard- ness of the mains water in the various regions so that descaling needs to be performed more or less frequently. Proceed as follows: 1. Access the settings menu; 2. Press the button to enter the water hardness selec- tion mode. The lights corresponding to the current selec- tion come on: soft medium hard 3. The lights start flashing in sequence; 4. Press the button corresponding to the water hardness in your area: soft water medium water hard water 20°dH 36°fH 360mg/l CaCo3 - The button flashes to indicate that the selection has been saved. The appliance exits the menu and is ready for use. 9.3 Adjusting auto-off (stand-by) To save energy, an auto-off function turns the appliance off when not used for a long period.To turn it back on again, press any button on the control panel. 1. Access the settings menu; 2. Pressthe buttontoentertheauto-offtimeselection mode. The lights corresponding to the current selection come on: 9 min 30 min 3 hours 3. The lights start flashing in sequence; 4. Press the button corresponding to the required time: 9 min 30 min 3 hours 10 5. The buttonflashestoindicatethattheselectionhas been saved. The appliance exits the menu and is ready for use. 9.4 Default values (reset) This resets all menu settings and programmed quantities back to the default values. To reset the default values, proceed as follows: 1. Position the steam spout over the drip tray; 2. Access the settings menu; 3. Turn the steam dial to the position; 4. Press the button. The three lights flash simulta- neously to confirm that the original settings have been restored. 5. The and lights flash to indicate that the steam dial must be closed again (○symbol). When the steam dial has been closed, the appliance is ready for use. 10. HOW TO MAKE ESPRESSO COFFEE 10.1 Tips for a hotter coffee For hotter espresso coffee, you should: • You are recommended to warm the cups before making coffee by rinsing them with a little hot water. • Attach the filter holder to the appliance with the filter in place but without adding coffee. Using the same cup as will later be used to make the coffee, press the 1 cup button and deliver hot water into the cup to heat it. • Raise the coffee temperature in the settings menu. • Rest the cups you will be using on the cup warmer (A4) which becomes hot during operation. 10.2 How to prepare espresso coffee using pre- ground coffee 1. Place the ground coffee filter (C2 or C3) in the filter holder (fig. 6).To make one coffee, use the filter with the symbol on the bottom, to make two coffees, use the filter with the symbol on the bottom. 2. To make just one coffee, place one level measure of pre- ground coffee (about 7 g) in the filter (fig. 7).To make two coffees,placetwoloosely filledmeasures(about7+7g)of pre-groundcoffeeinthefilter.Fillthefilteralittleatatime to prevent the pre-ground coffee from overflowing. Important: For correct operation, before filling with pre-ground coffee, make sure there are no coffee residues left in the filter from the last time you made coffee. 3. Distribute the pre-ground coffee evenly and press lightly with the presser (fig. 8). Correct pressing of the pre-ground coffee is essential to obtain a good espresso. If you press too firmly, the coffee will be delivered slowly and will be strong. If you press too lightly, the coffee will be delivered quickly and will be weak. 4. Remove any excess coffee from the rim of the filter holder and attach the filter holder to the appliance.To attach cor- rectly, align the filter holder handle with the INSERT sym- bol (fig. 9), attach the filter holder and rotate the handle towards the right until aligned with the CLOSE symbol. 5. Place the cup or cups under the filter holder spouts (fig. 10). 6. Make sure the lights corresponding to the coffee buttons are on, then press the or coffee button. The appliance proceeds to make the coffee and delivery is in- terrupted automatically. 7. To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.3 How to make espresso coffee using pods Pleasenote: Use pods conforming to the ESE standard, indicated on the pack by the following symbol. TheESEstandardisasystemacceptedbylead- ing pod producers and enables espresso coffee to be prepared simply and cleanly. 1. Place the filter for coffee pods (with the symbol on the bottom) in the filter holder. 2. Insert the pod, centring it as far as possible on the filter (fig. 11). Always follow the instructions on the pod pack to position the pod on the filter correctly. Proceed as described in points 4 to 6 in the previous section. Pleasenote: • While the appliance is making coffee, delivery can be in- terrupted at any moment by pressing the coffee button pressed previously. • At the end of delivery (within 3 seconds), to increase the amount of coffee in the cup, press and hold the coffee but- 11 ton pressed previously. Delivery is automatically interrupt- ed after a few seconds. • To remove the filter holder, turn the handle from right to left. Dangerofburns! To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Always wait for a few seconds after delivery. 10.4 Programming the quantities of coffee in the cup The appliance is set by default to automatically deliver standard quantities.To change these quantities, proceed as follows: 1. Place one or two cups under the filter holder spouts. 2. Press and hold the button you want to programme (or). The coffee maker starts delivering coffee and the other coffee button flashes to indicate that the appli- ance is in programming mode. 3. Once the required quantity of coffee has been delivered into the cup, release the button. Delivery stops and the light flashes to indicate that the quantity has been saved correctly. 4. Whenthetwocoffeelightscomeonsteadily,theappliance is ready for use. 11. HOW TO MAKE CAPPUCCINO 1. Prepare the espresso coffees as described in the previous sections, using sufficiently large cups. To use tall glasses, remove the drip tray and stand the glasses on the glasses tray (A10); 2. Press the button (fig. 12).The light flashes; 3. In the meantime, fill a recipient with about 100 grams of milkforeachcappuccinotobeprepared.Foradensermore even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C). In choosing thesizeoftherecipient,bearinmindthatthemilkdoubles or triples in volume (fig. 13). 4. Make sure the cappuccino maker selection ring (A14) is in the "CAPPUCCINO" position (fig. 14); 5. Wait for the light corresponding to the button to come on steadily, indicating that the boiler has reached the ideal temperature to produce steam. 6. Position an empty container under the cappuccino maker andopenthedialforafewsecondstoeliminateanyairleft in the circuit. Close the dial again. 7. Placetherecipientcontainingthemilkunderthecappucci- no maker. 8. Immerse the cappuccino maker in the milk container. Never immerse the black ring (fig. 15).Turn the dial to the position. Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance (fig. 16). To obtain a creamier froth, immerse the cappuccino maker in the milk and rotate the container with slow up- ward movements. 9. When the required temperature (the ideal is 60°C) and froth density is reached, interrupt steam delivery by turn- ing the steam dial clockwise. 10. Pourthefrothedmilkintothecupscontainingtheespresso coffeepreparedpreviously.Thecappuccinoisready.Sweet- en to taste and if desired, sprinkle the froth with a little cocoa powder. Pleasenote: • to prepare more than one cappuccino, first make all the coffees then at the end prepare the frothed milk for all the cappuccinos; • to exit the steam function, press any button. The and lights flash to indicate that the temperature is too high to make coffee (see section "Cooling the boiler"). You should not deliver steam for more than 60 seconds. 12. MAKING HOT MILK To make hot milk without froth, proceed as described in the above section, making sure the cappuccino maker selection ring (A14) is positioned upwards in the "HOT MILK" position. 13. CLEANING THE CAPPUCCINO MAKER AFTER USE Important: For hygiene reasons, the cappuccino maker should always be cleaned after use. Proceed as follows: 1. Turn the steam dial to deliver a little steam for a few sec- onds (points 2, 5 and 6 of the previous section). This caus- es the cappuccino maker to discharge any milk left inside. Press the ON/OFF button to turn the appliance off. 2. Waitafewminutesforthecappuccinomakertocooldown. With one hand, hold the cappuccino maker tube firmly, with the other, release the cappuccino maker by turning it clockwise, then pull off downwards (fig. 17). 3. Remove the rubber steam connection nozzle from the spout by pulling it downwards (fig. 18). 4. Pushtheringupwardsandmakesurethetwoholesshown by the arrows in fig. 19 are not blocked. If necessary, clean with a pin; 12 5. Replace the nozzle, move the ring downwards and put the cappuccino maker back on the connection nozzle, turning it and pushing it upwards until it is attached. 14. COOLING THE BOILER To make coffee again immediately after frothing milk, the boil- er must first be cooled or the coffee will be burnt. Proceed as follows: • place a container under the cappuccino maker; • open the steam dial to deliver hot water and cool the boiler; • hot water delivery is interrupted automatically when the boileriscool.Whenthepumpstopsoperatingandnomore water is delivered, close the steam dial. The coffee maker is now ready for use. 15. HOT WATER 1. Press the ON/OFF button (fig. 3) to turn the appliance on. Wait for the coffee lights to come on steadily. 2. Place a recipient under the cappuccino maker. 3. Turnthedialtothe position.Hotwaterisdelivered from the cappuccino maker. 4. To stop hot water delivery, close the dial and press any button. You should not deliver hot water for more than 60 seconds. 16. CLEANING 16.1 Cleaning the machine The following parts of the machine must be cleaned regularly: - drip tray (A9) - the coffee filters (C2, C3 and C4); - the boiler outlet (A5); - water tank (A3); - the cappuccino maker (A15) as described in section ""13. Cleaning the cappuccino maker after use"; Important! • Donotusesolvents,abrasivedetergentsoralcoholtoclean the coffee machine. • Donotusemetalobjectstoremoveencrustationsorcoffee deposits as they could scratch metal or plastic surfaces. • Iftheapplianceisnotusedformorethanoneweek,before usingitagain,westronglyrecommendyouperformarinse cycle as described in section "8. first use". Danger! • While cleaning, never immerse the coffee maker in water. It is an electrical appliance. • Before cleaning the outside of the appliance, turn it off, unplug from the mains socket and allow to cool. 16.2 Cleaning the drip tray Important! The drip tray is fitted with a level indicator (red) showing the levelofwateritcontains(fig.20).Beforetheindicatorprotrudes from the cup tray, 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. 1. Remove the drip tray (fig. 21). 2. Remove the cup tray (A7), empty the water and clean the drip tray with a cloth, then reassemble the drip tray. Ex- tract the mugs or glasses tray (A10), clean with water, dry and put back in the machine; 3. Put the drip tray back in place. 16.3 Cleaning the coffee filters Clean the coffee filters regularly: 1. Rinse the filters under running water (fig. 22); 2. Make sure the holes are not blocked. If necessary, clean with a pin (figs. 22 and 23). 16.4 Cleaning the boiler outlet After every 200 coffees, rinse the boiler outlet by delivering about 0.5 l of water from the boiler outlet (press the coffee but- ton without using ground coffee). 16.5 Other cleaning operations 1. Donotusesolventsorabrasivedetergentstocleanthecof- fee maker. Use a soft damp cloth only. 2. Clean the filter holder cup. 16.6 Cleaning the water tank 1. Clean the water tank regularly (about once a month) and whenever you replace the water softener filter (C6, *if pro- vided) with a damp cloth and a little mild washing up liquid; 2. Remove the filter (*if present) and rinse with running water; 3. Put the filter (*if provided) back in the appliance, fill the tank with fresh water and replace the tank; 4. (Models with water softener filter only) Deliver about 100 ml of water. Danger! While cleaning, never immerse the coffee maker in water. It is an electrical appliance. 13 16.7 Descale Descale the appliance when the orange light on the but- ton comes on. Important! • Before use, read the instructions and the labelling on the descaler pack. • You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may re- sult in faults not covered by the manufacturer's guarantee. Proceed as follows: 1. (IF PRESENT, REMOVE THE WATER SOFTENER FILTER). Fill the tank with the descaler solution, obtained by diluting the descaler provided with water (fill the water tank up to the MAX level). 2. Press the ON/OFF button. 3. Make sure the filter holder is not attached and position a recipient under the hot water spout and boiler outlet (A5) (fig. 24). 4. Wait for the and lights to come on steadily, indicating that the appliance is ready for use. 5. Press and hold the button for 10 seconds until the three buttons flash in sequence. 6. Turn the steam dial to the position. 7. Press the button to start descaling. 8. The descale programme starts and the descaler liquid comes out of the water spout. The descale programme removes limescale deposits from inside the appliance by automaticallyperformingaseriesofrinsesandpausesuntil the tank is completely empty. Pleasenote: During descaling, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of descaler from the boiler outlet. 9. The appliance stops operation and the orange light continues to flash, indicating that descaling is still underway. 10. The appliance is now ready for rinsing through with clean water. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance (If used, insert the water softener filter). 11. Empty the container used to collect the descaler solution and replace it empty under the hot water spout. 12. Make sure the steam dial is in the position, then press the button to start rinsing. Pleasenote: During rinsing, to clean the boiler outlet, close the steam dial from time to time to deliver small quantities of water from the boiler outlet. 13. When the water tank is empty, the orange light goes out and descaling is complete. 14. Make sure the steam dial is in the closed position (○ symbol). The appliance is ready for use. Pleasenote! • If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle; • IfthewatertankhasnotbeenfilledtotheMAXlevel,atthe end of descaling, the appliance requests a further rinse to guarantee that the descaler solution has been completely eliminated from the machine's internal circuits. Repairofdamagetothecoffeemakercausedbylimescaleisnot coveredbytheguaranteeunlessdescalingisperformedregular- ly as described above. 14 17. EXPLANATION OF LIGHTS Lights Operation Explanation of lights The ON/OFF button is turned on The appliance performs a self-diagnosis cycle, indicated by sequential flashing of the lights When the appliance is turned on Flashing lights: the appliance is heating up to make coffee Lights on steadily: the appliance is ready to make coffee Thelightsflashrapidly:thetankisempty ortheappliancewillnotmakecoffee.See the section"7. Filling the water tank" The steam function is required Flashing light: the appliance is heating up to deliver steam Light on steadily: the appliance is ready to deliver steam orange flashing The appliance needs descaling Descale the appliance, the operation is complete when the light goes off. Steam dial open Flashing lights: close the steam dial High boiler temperature Flashing lights: Cool as described in sec- tion"14. Cooling the boiler" 18. TROUBLESHOOTING Problem Cause Solution No espresso coffee is delivered No water in the tank Fill the tank The holes in the filter holder are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom Limescale in the water circuit Descale as described in section"16.7 Descale" 15 The espresso coffee drips from the edges of the filter holder rather than the holes The filter holder has been inserted incor- rectly or is dirty Attach the filter holder correctly and rotate firmly as far as it will go The espresso boiler gasket has lost elas- ticity or is dirty Have the espresso boiler gasket replaced by Cus- tomer Services The holes in the filter holder spouts are blocked Clean the filter holder spout holes The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The filter holder cannot be at- tached to the appliance Too much coffee has been placed in the filter Use the measure supplied and make sure you are using the correct filter for the type of preparation The coffee froth is too light (de- livered from the spout too fast) The pre-ground coffee is not pressed down firmly enough Press the pre-ground coffee more firmly There is not enough pre-ground coffee Increase the quantity of pre-ground coffee The pre-ground coffee is too coarse Use only pre-ground coffee for espresso coffee makers The wrong type of pre-ground coffee is being used Change the type of pre-ground coffee The coffee froth is too dark (delivered from the spout too slowly) The pre-ground coffee is pressed down too firmly Press the coffee down less firmly There is not enough pre-ground coffee Reduce the quantity of pre-ground coffee The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" The pre-ground coffee is too fine Use only pre-ground coffee for espresso coffee makers Thepre-groundcoffeeistoofineordamp Use pre-ground coffee for espresso coffee makers only and make sure it is not too damp Limescale in the water circuit Descale as described in section"16.7 Descale" Afterdeliveringcoffee,thefilter remains attached to the boiler outlet Insert the filter holder again, deliver coffee, then remove the filter holder The appliance will not make anydrinkandthe , and lights flash for a few seconds No water in the tank Fill the tank with water The tank has been inserted incorrectly and the valves on the bottom are not open Press the tank down lightly to open the valves on the bottom The espresso boiler outlet is blocked Clean as described in section "16.4 Cleaning the boiler outlet" The filter is blocked Clean as described in section "16.3 Cleaning the coffee filters" Limescale in the water circuit Descale as described in section"16.7 Descale" 16 19. ELECTRICAL CONNECTION (UK ONLY) Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company. The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity. Shouldthisplugnotfitthesocketoutletsinyourhome,itshouldbecutoffandreplacedwithasuitableplug,followingtheprocedure outlined below. Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger. Please note:Werecommendtheuseofgoodqualityplugsandwallsocketsthatcanbeswitchedoffwhenthemachineisnotinuse. IMPORTANT: The wires in the mains lead fitted to this appliance are coloured in accordance with the following code: GREEN ANDYELLOW EARTH BLUE NEUTRAL BROWN LIVE Asthecoloursofthewiresinthemainsleadofthisappliancemaynotcorrespondwiththecolouredmarkingsidentifyingtheterminals in your plug, proceed as follows: - The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow. - The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. - The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician. Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size. After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover. Only 13amp replacement fuses which are asta approved to B.S. 1362 should be fitted. This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference. Warning - this appliance must be earthed GreenandYellowtoEarth 13ampFuse Browntolive CordClamp Blueto neutral The appliance does not func- tion and all the lights flash Disconnect the appliance immediately and contact authorised Customer Services. No milk froth is formed when making cappuccino The ring is in the"HOT MILK"position Push the ring into the"CAPPUCCINO"position. Milk not cold enough Always use milk at refrigerator temperature Cappuccino maker dirty Clean as described in section "13. Cleaning the cappuccino maker after use" Limescale in the water circuit Descale as described in section"16.7 Descale" At the end of descaling, the ap- pliance requests a further rinse Duringtherinsecycle,thewatertankhas not been filled to the MAX level Repeat the rinse cycle from point 10 of the section "Explanation of lights""16.7 Descale"

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