

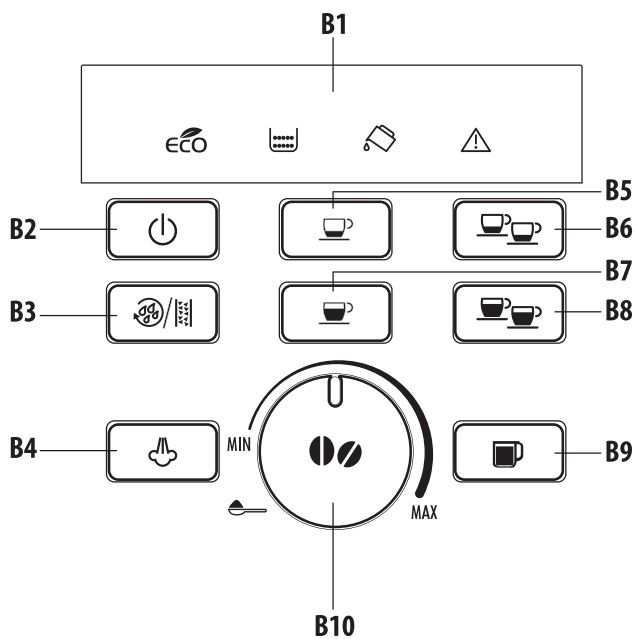
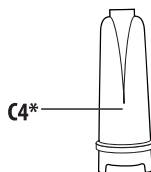
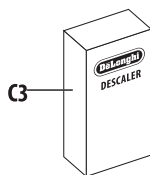
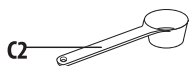
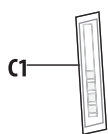


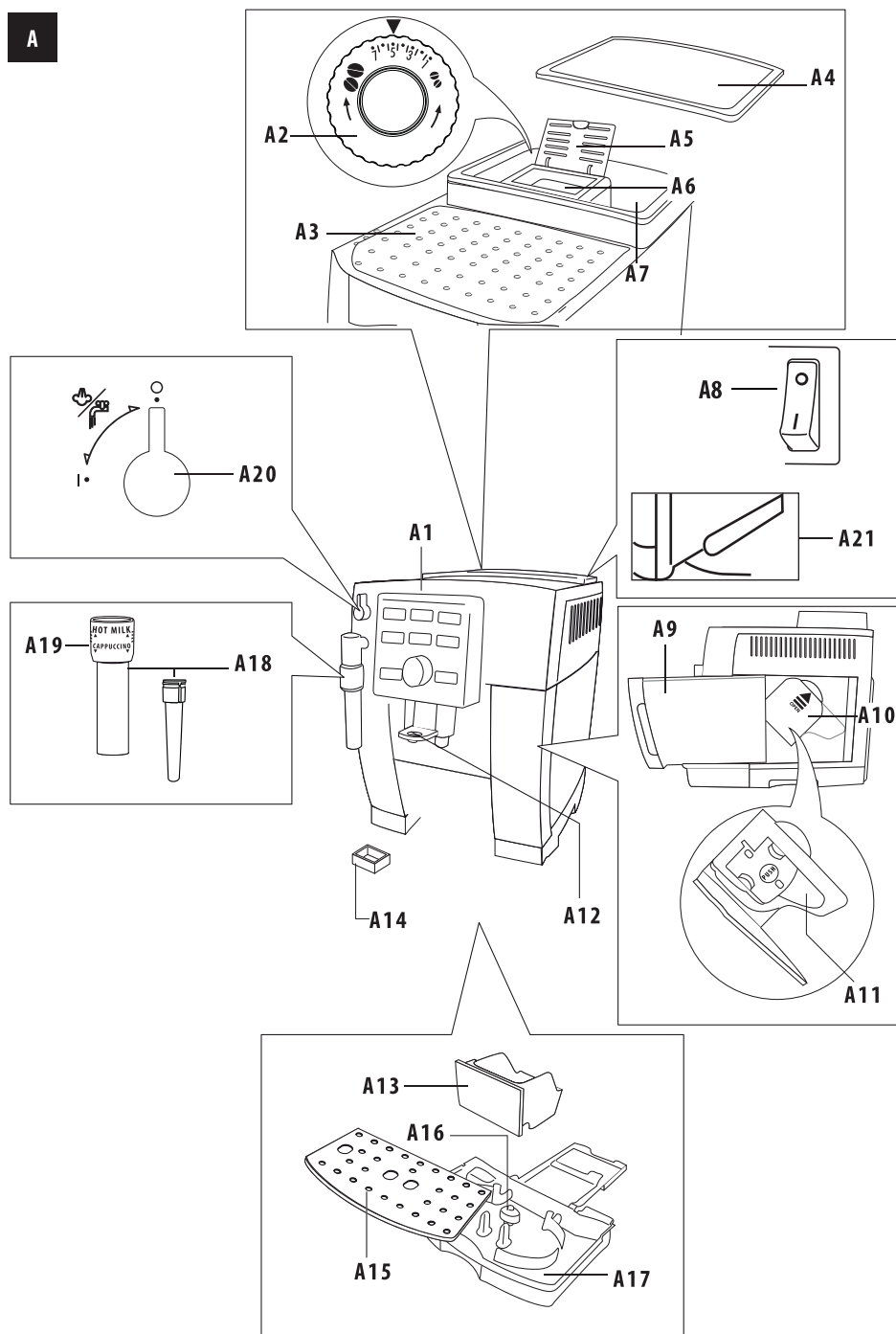
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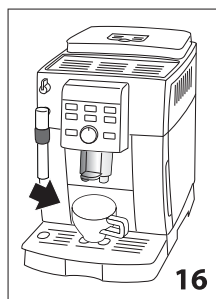
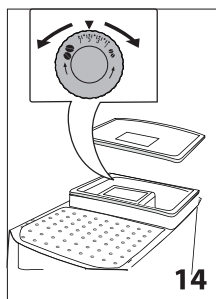
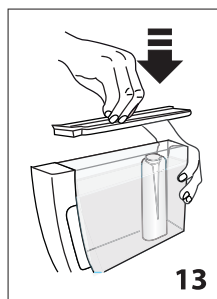
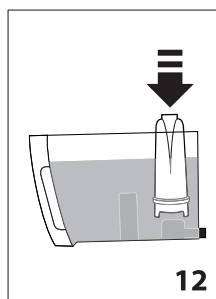
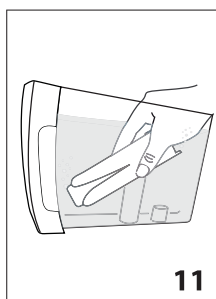
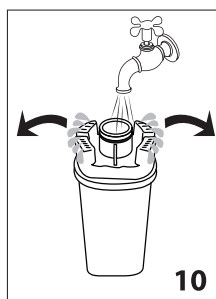
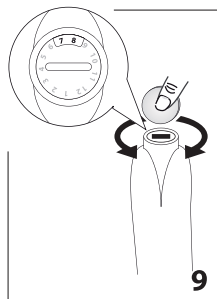
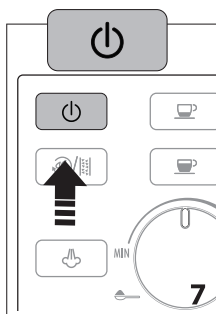
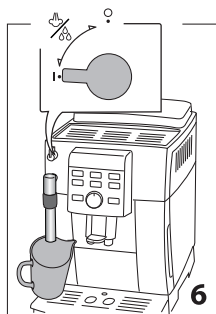
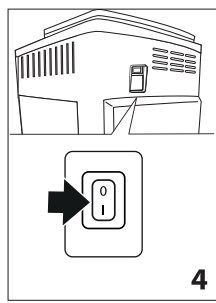
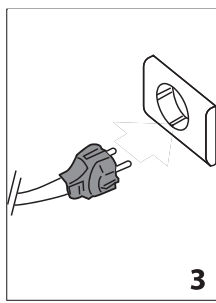
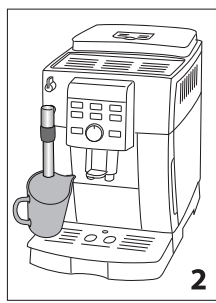
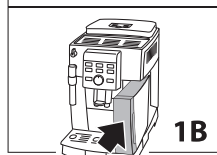
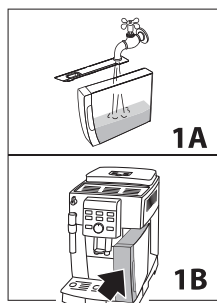
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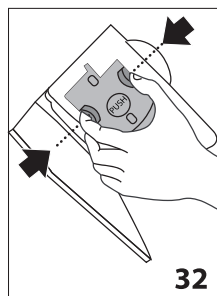
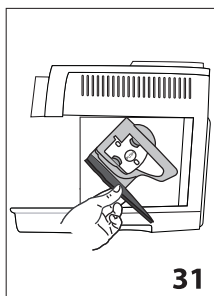
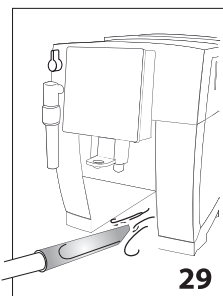
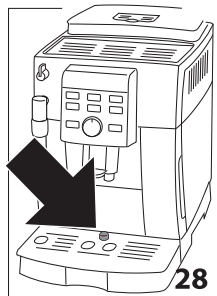
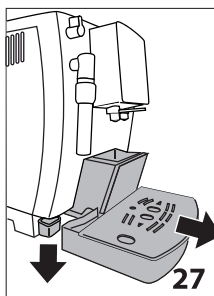
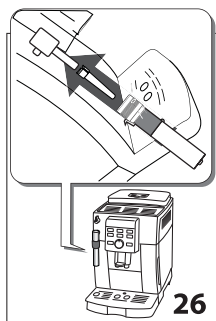
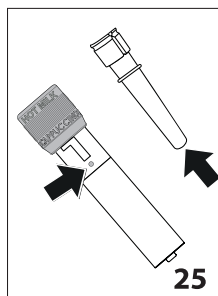
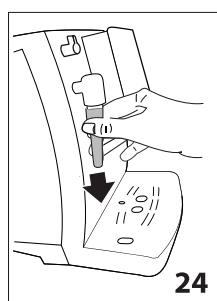
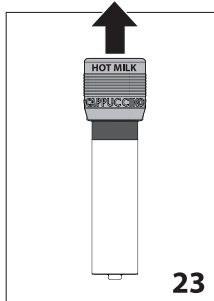
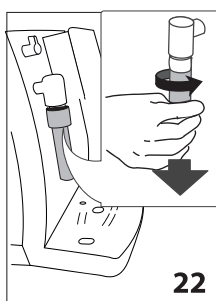
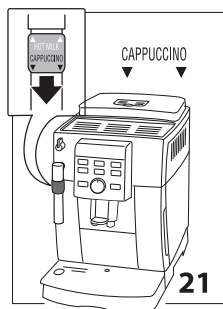
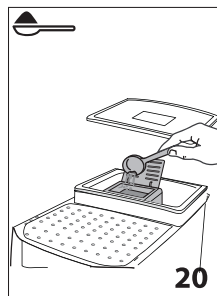
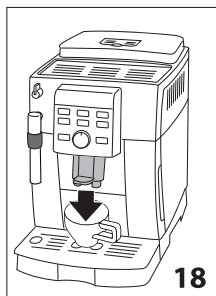
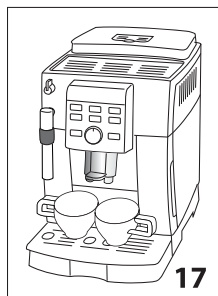


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目 录

1. 基本安全警告	6	11.2 选择咖啡杯量	11
2. 安全警告	7	11.3 调节咖啡豆研磨程度	11
2.1 说明中所采用的符号	7	11.4 设置水温	12
2.2 指定用途	7	11.5 制作更热咖啡的小贴士	12
2.3 使用说明	7	11.6 使用咖啡豆制作咖啡	12
3. 引言	7	11.7 使用咖啡粉制作咖啡	12
3.1 括号内的字母	7	12. 制作美式咖啡	13
3.2 故障处理和检修	7	13. 制作卡布基诺和热牛奶(无奶泡)	13
4. 总体描述	8	13.1 制作热牛奶(无奶泡)	13
4.1 机器描述	8	13.2 清洁使用后的奶泡发生器	13
4.2 触摸屏描述	8	14. 制备热水	14
4.3 配件描述	8	15. 清洁	14
4.4 亮灯说明	8	15.1 清洁咖啡机	14
5. 初步检查	8	15.2 清洁咖啡机清洗系统	14
5.1 检查机器	8	15.3 清洁咖啡盛渣盒	14
5.2 机器安装	9	15.4 清洁滴水盘和冷凝水盘	15
5.3 机器连接	9	15.5 清洁机器内部	15
5.4 机器设置	9	15.6 清洁水箱	15
6. 开启机器	9	15.7 清洁咖啡流出口	15
7. 关闭机器	9	15.8 清洁咖啡粉进料管	15
8. 自动关机	10	15.9 清洁萃取器	15
9. 节能功能	10	16. 除垢	16
10. 软水过滤器	10	17. 设置水的硬度	17
10.1 安装过滤器	10	17.1 测量水的硬度	17
10.2 去除和更换过滤器	11	17.2 设置水的硬度	17
11. 制作咖啡	11	18. 亮灯图解释说明	18
11.1 选择咖啡的口味浓淡	11	19. 故障处理	20

1. 基本安全警告

- 有心理、身体或者感官障碍、或不具备足够的经验或者知识的人员（包括儿童）不允许使用该电器，除非有对他们的安全负责的人密切监督并进行指导。

- 确保儿童不玩弄该电器。

切勿湿手或湿脚接触该电器。

- 指定用途：本机器的设计用途是制作咖啡、含牛奶饮品和热水。除此之外的用途都是不正确的，因而具有危险性。制造商对不恰当使用机器造成的危险不负有责任。

- 机器使用后加热部件的表面会持续发烫，机器外部也会根据使用情况持续发烫几分钟。

- 如需清洁机器，请参考“第14页清洁”章节的描述。

- 没有监督的情况下，儿童不能清洁和维护该电器。

- 清洁时，切勿将机器浸入水中。

- 警告：请勿使用碱性清洁剂清洁机器，以避免对机器造成损坏，请用柔软的抹布和温和洗涤剂进行清洁。

- 这只是一台家用电器，并不适用于以下场所：商场的员工餐厅，办公室或其他工作环境；牧场旅馆；旅馆、汽车旅馆或其他住宅性环境的住客；家庭式旅馆。

- 如果机器的插头和电源线损坏，必须由德龙指定的售后服务人员进行更换，以避免各种危险。

- 机器配有可移除式电源线：请避免水溅到机器背面的电源线连口和电源插座。

警告： 带有玻璃表面的型号请注意：如表面破损请勿使用。

2. 安全警告

2.1 说明书所采用的符号

重要的警告通过这些符号标出，这些警告事项必须绝对遵守。



危险！

不遵守该警告可能导致触电伤害，也许会危及生命。



重要！

不遵守该警告可能导致人身伤害或损坏机器。



烫伤危险！

不遵守该警告可能会导致烫伤或烧伤。



请注意：

这个符号表示对使用者重要的建议或者信息。



危险！

这是一台电器设备，因此可能导致触电。因此您应该遵守以下安全警告：

- 切勿用湿的手或湿的脚接触该机器。
- 切勿用湿的手接触插头。
- 确保能随时接近机器使用的插座，必要时能拔下机器的插头。
- 直接拔下电源插头，切勿拉扯电源线，以免损坏电源线。
- 要完全断开机器的电源，请拔下电源线插头。
- 如果机器发生故障，不要试图自己检修。关闭电源，拔下插头，并与售后服务中心联系。
- 在对机器进行清洁之前，请先关闭电源，拔下插头，并等待机器冷却。



重要！

各种包装（塑料袋、聚苯乙烯泡沫塑料）必须远离儿童存放。



烫伤危险！

本机器运作时可能会产生热水和蒸汽，请避免接触飞溅的热水或者蒸汽，且咖啡杯架会变得很烫。

2.2 指定用途

本电器设计和制作的用途是制作咖啡和加热饮料，其他所有用途都是不恰当的。

本电器不适用于商业用途。

2.3 使用说明

使用说明

使用本机器之前请仔细阅读此说明书。不遵循本机器使用说明可能导致烧伤或者损坏电器。制造商对未正确使用该机器引起的损害概不负责



请注意

保存本说明书。如果转让该机器给其他人，请确保将说明书同时附送。

3. 引言

首先感谢您选择德龙ECAM23.120全自动意式咖啡机，祝您使用愉快。在使用前，请先花几分钟时间阅读此说明书，以避免各种危险和损坏机器。

3.1 括号之内的字母

括号之内的这些字母与本说明书第1-2页上的图例相对应。

3.2 故障处理和检修

出现问题时，首先按照“18. 亮灯图释说明”和“21. 常见故障处理”章节中的信息来尝试解决问题。

如果仍不能解决问题或者您需要更详细的信息，请参考附表中信息，电话咨询售后服务中心。如果附表中未涉及到您所在城市，请致电保修卡上的电话号码。

如需维修，务必联系德龙授权的服务中心。相关售后地址参见随机附上的售后服务地址卡。

4. 总体描述





4.1 机器描述(见第2页-[A])


- A1. 控制面板
- A2. 咖啡豆研磨程度调节旋钮
- A3. 咖啡杯架
- A4. 咖啡豆容器盖
- A5. 咖啡粉进料管盖
- A6. 咖啡粉进料管
- A7. 咖啡豆容器
- A8. 主电源开关
- A9. 水箱
- A10. 萃取器门
- A11. 萃取器
- A12. 咖啡流出口（可调节高度）
- A13. 咖啡粉盛渣盒
- A14. 冷凝水盘
- A15. 滴水盘杯架
- A16. 滴水盘水位指示浮标
- A17. 滴水盘
- A18. 牛奶发泡器
- A19. 奶泡发生器调节环
- A20. 蒸汽/热水旋钮
- A21. 电源线连接插座


4.2 控制面板描述(见第1页-[B])


控制面板上的很多按钮都具有双重功能。


这些都在括号内有描述。


- B1. 图释亮灯屏幕，（详细参考“亮灯解释图”）
- B2.  按钮：开启或关闭机器(待机)；灯长亮表示温度适宜；如果灯在闪，表示机器在预热。
- B3.  按钮用于选择冲洗或除垢；灯亮表示正在除垢红白灯光交替闪烁，机器需要除垢。
- B4.  按钮：选择蒸汽功能；释放蒸汽以制作卡布基诺或含牛奶的咖啡饮品。灯亮表示蒸汽功能被选中；灯闪烁表示需要打开蒸汽开关；灯渐明渐暗，机器在预热。
- B5.  按钮：制作一杯小杯量的意式咖啡，灯亮表示已选中设置。

B6.  按钮：制作两杯小杯量的意式咖啡，灯亮表示已选中设置。

B7.  按钮：制作一杯大杯量的意式咖啡，灯亮表示已选中设置。

B8.  按钮：制作两杯大杯量的意式咖啡，灯亮表示已选中设置。

B9.  按钮：制作一杯美式咖啡，灯亮表示已选中设置。

B10.  旋转拨盘：转动选择旋钮来挑选咖啡口味或者选择使用咖啡粉。

4.3 附件说明描述（见第1页-[C]）

- C1. 测试纸
- C2. 咖啡量勺
- C3. 除垢剂
- C4. 软水过滤器

4.4 亮灯说明



控制面板上显示出警告，详见说明书“亮灯图释说明”章节；



指示灯持续亮起：咖啡盛渣盒未安装在原位，请安装咖啡盛渣盒在机器中；



指示灯闪烁：咖啡盛渣盒满，需清空咖啡盛渣盒；



指示灯持续亮起：水箱未安装；



指示灯闪烁：水箱缺水；



灯亮起：节能模式开启。

5 初步检查

5.1 检查机器

打开包装后，确认机器表面完好且没有被损坏，同时所有的配件齐全。如果机器有明显的损坏，切勿使用该机器。请与德龙授权的售后服务中心联系。

5.2 机器安装



重要!

安装机器时，请遵循以下安全警告：

- 本电器会释放出热气，因此将机器放置于工作台时，机器表面、侧面及靠墙部分需留出3厘米的空间，机器上方需要留出至少15厘米的空间。
- 若有水渗入，会损坏机器。不要将该机器放置在水龙头或者水槽附近。
- 若机器中的水结冰会损坏机器，切勿将机器放在一个室温可能低于零度的房间内。
- 电源线不要放置在尖锐物质的边缘或接触热的物体表面(如：电热板)，这样会损坏电源线。

5.3 连接机器电源



重要!

- 请检查并确认所使用的电源电压与该电器底部铭牌所标示的电源电压是否一致。
- 将本电器与有效地接电源正确连接，且该电源最小的额定电流只能为10安。
- 如果电源插座与电器插头不匹配，需由有专业资格的技术人员来替换个相配套的插座。

5.4 第一次使用该机器



请注意!

- 咖啡机在出厂前都会进行测试，所以在机器内存有一点点咖啡粉是正常现象，我们确保本机器是全新的。
 - 请您尽快按照第17页上“设置水硬度”章节内容来自定义水的硬度。
- 1、取出水箱，倒入新鲜的水至MAX(最高位置)线(如图1A)，然后再将水箱装回机器(如图1B)
 - 2、在奶泡发生器的下方放置一个最小容积为100毫升的容器(如图2)
 - 3、接通电源并将机器背面的电源主开关拨到“1”位置(如图4)

4、 图标在控制面板上闪烁(如图5)

5、旋转蒸汽旋钮到“1”的位置(如图6)。机器将会从奶泡发生器释放出热水然后停止流水。

6、将蒸汽旋钮旋转到“0”的位置，此时机器可以正常使用了。



请注意:

- 设置完成后，可能需要制作4-5杯咖啡或4-5杯卡布奇诺后，才能达到令人满意的效果。

为了更好地享受咖啡带来的愉悦度，我们建议您配备一个水软化过滤器，安装详情可参照第10章。如果你的没有配备，可以咨询德龙售后客户服务中心。

6. 开启机器




请注意!

- 在开启机器前，请确认机器背面的电源开关处于1位置(如图4)。
- 每次开启机器时，机器会自动完成一次预热和冲洗，此过程不能中断。机器只有在完成此循环后方可使用。



烫伤危险!

在冲洗过程中，咖啡流出口会流出一些少量热水到下面的滴水盘中。注意避免接触飞溅的热水。

开启机器，按下  按钮(如图7)。图标闪烁，此时咖啡机开始预热，并进行一次自动冲循环。通过热水循环，机器同时预热锅炉和机器内部件。

当所有指示灯会亮起，表示机器已经预热完成，你可以选择任一功能键。


7. 关闭机器

每次关闭机器时，机器会自动完成一次预热和冲洗，此过程不能中断。



烫伤危险!

在冲洗过程中，咖啡流出口会流出一些少量热水到下面的滴水盘中。注意避免接触飞溅的热水。

关闭机器，按下  按钮(如图7)，机器会自动完成一次冲洗后关闭。



请注意!

如果机器将有很长一段时间不使用，请将电源开关调节到0的位置(如图4)以完全关闭机器。



8. 自动关机




请注意!

自动关闭时间可以修改为15分钟或30分钟，也可分为1、2或3小时后。

若要重新设置自动关闭时间，请按照下列步骤：

1. 按面板  按钮关闭机器，但电源开关(A8)开着的情况下，持续按着  (B8) 按钮，直到控制面板上的按钮灯亮起；

2. 持续按  (B5) 按钮，直到咖啡机自动关机的小时数亮起：


15分钟 

30分钟 

1小时 

2小时 

3小时 



3. 按下  (B7) 按钮进行确认。

9. 节能功能



使用该功能可开启或关闭节电模式。

节能模式在  灯亮长的时候表改功能被启动。

1. 当机器关闭，但是电源开关开着的情况下，持续按着  (B4) 直到  指示灯亮起(如图8)。

2. 长按  (B5) 按钮，直到  指示灯闪烁，可以关闭节能功能。

3. 长按  按钮，直到  亮起，可以再开启此功能。

4. 按  (B7) 按钮，确认设置， 指示灯随后熄灭。



请注意!

在节能模式启动的状态下，由于机器需要再预热一次所以制作第一杯咖啡时需要多等待几秒钟。

10. 软水过滤器

部分型号配有一个软水过滤器，若您购买的型号未配备，我们建议您可从德龙客户服务中心购买一个。请遵循以下说明正确使用过滤器。



重要!

• 在阴凉干燥处储存，避免长时间阳光直接照射。

• 拆开包装后，请及时使用。

• 在除垢前必须把软水过滤器拿走。

使用过滤器前，必须遵守以下原则。

10.1 安装过滤器

1. 从包装中取出软水过滤器。

2. 把日期指示盒(见图9)转动显示到当前使用月份的后两个月。



请注意!

在咖啡机经常运作下，过滤器大约可使用两个月；若咖啡机在安装过滤器的情况下未使用，过滤器只能持续最多三个星期。

3. 激活软水过滤器，打开水龙头让水从过滤头处流过，直到水能够持续1分钟从开口处流出(如图10)。

4. 取下水箱，加满水。

5. 把过滤器放入水箱中完全浸没它十秒，稍微倾斜一点，排出里面的气泡(如图11)。

6. 将软水过滤器插入到软水过滤器支架上（如图12），并按压直到压不动为止。
7. 关上水箱盖（如图13），然后再把水箱装回机器。
8. 在奶泡发生器下放置一个最小500ml的容器
9. 将蒸汽按钮开到I去接热水。
10. 当机器流出500ml热水后，将蒸汽按钮再旋转到0的位置。

请注意！

通常接一次热水并不能完全安装好水过滤器，会在安装的时候出现



如果这样的情况发生了，请再从第8点开始一次安装程序。
随后过滤器就可以正常运作且可以使用咖啡机了。

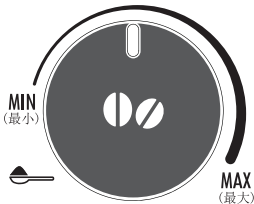
10.2 去除过滤器

过滤器使用2个月或者有3周未被使用，必须要从水箱中去除并安装一个新的，重复同样的安装流程即可。

11. 制作咖啡

11.1 制作咖啡口味浓淡

转动咖啡口味选择旋钮（B10）以选择想要的咖啡口味，顺时针转运旋钮从而增加研磨器研磨咖啡豆的量使得制作出的咖啡更浓。



请注意！

- 第一次使用本机器时，需要通过反复试验并制作多杯咖啡以选择出正确的旋钮位置。
- 请勿向顺时针方向旋转太多，否则制作咖啡的速度可能会变得很慢（滴水状），特别当制作两杯咖啡的时候。

11.2 设定杯中咖啡的杯量

本机器出厂时设置为标准口味咖啡，您可以选择以下任意一种意式咖啡口味：



约40ml



约120ml



约双杯40ml



约双杯120ml

调整咖啡杯量，请参照以下步骤：

- 长按需要被调整的制作咖啡按钮直到指示灯闪烁。当机器开始制作咖啡时，请释放按压按钮
- 当咖啡已经达到想要的量，可以按压同样的按钮去记住这个新的杯量。

此时，机器在下次运作的时候将根据新调整过的杯量制作咖啡。

请注意！

系统只能保留单杯的咖啡量，双杯的咖啡量是系统自动设置的。

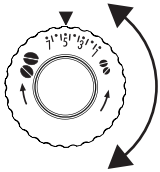
11.3 调节咖啡豆研磨程度

咖啡豆研磨器在出厂制作时已设定好，无需调节也可研磨咖啡豆制作咖啡；

但是如果在一开始制作过几杯咖啡后，您觉得咖啡不够浓且油脂不够丰富或咖啡流出速度太慢（滴水状），那么可以通过调节咖啡豆研磨调节旋钮来校正并解决这个问题（如图14）。

请注意！

只有当咖啡豆研磨器在运作的时候，才能转动研磨调节旋钮。





如果咖啡流出很慢或完全不流出，顺时针向“7”转动一格；需要油脂丰富的咖啡，逆时针向“1”转动一格(切勿不要一次转动一格以上，

不然的话咖啡会成滴水状)。

至少制作2杯咖啡以后，研磨调节后的效果才会显现出来，若调节后仍然未达到想要的效果，可将研磨调节旋钮再转动一格。

11.4 设置水温

更改制作咖啡的水温，操作步骤如下：


1. 关闭机器，但主开关开启，长按  (B5) 直到控制面板指示灯亮起；
2. 按压  (B5) 按钮来选择水温：



3. 按  (B7) 确认这个设置，灯随后熄灭。

11.5 制作更热的咖啡小贴士

制作一杯更热的咖啡，步骤如下：

- 在出咖啡前，按  (B3) 彻底冲洗机器。热水从咖啡流出口流出并预热咖啡机内部环路，所以制作的咖啡会更热一些；
- 用热水预先预热咖啡杯，可用热水功能；
- 设置更热的咖啡温度(请11.4设置水温)。

11.6 使用咖啡豆制作咖啡



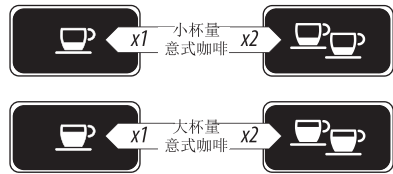
重要！

切勿使用涂有焦糖或糖果的咖啡豆，因为此类豆会粘在咖啡研磨器内使其不能正常工作。

1. 在咖啡豆装入咖啡豆容器内(如图15)；
 2. 在咖啡流出品下放置咖啡杯；
- 若要1杯咖啡就放1个杯子(如图16)；

—若要2杯咖啡就放2个杯子(如图17)；

3. 调低咖啡流出口，使其尽量靠近咖啡杯，这样会使制作出的咖啡油脂更丰富(如图18)；
4. 根据对应的咖啡杯数按下按钮。



5. 开始制作咖啡，同时对应的咖啡口味及杯量图标会亮起。

一旦制成咖啡，机器可立即再次制作咖啡。



请注意！

- 当机器正在制作咖啡时，可通过任意一个带咖啡杯的按钮，随时停止咖啡流出。
- 在咖啡停止流出后3秒内，按住任意一个带咖啡杯的按钮，即可增加咖啡流出量。



请注意！

若要制作较热的咖啡，请详见本说明书“制作更热的咖啡的小贴”章节。



重要！

- 如果咖啡一滴滴地流出，不够浓或油脂不丰富，或者太凉不够热等问题出现，请详见本说明书第20页上“故障处理”的章节。
- 在使用咖啡机过程中控制面板上的图标会亮起，这些图标的解释说明请详见本说明书第18页上“亮灯图释解说”的章节。

11.7 使用咖啡粉制作咖啡



重要！





- 切勿在机器关闭的状态下加入咖啡粉，这会导致咖啡粉散落在机器内部弄脏机器，甚至损坏机器。

•切勿加入超过1量勺的咖啡粉，否则会弄脏机器内部或者堵塞咖啡粉槽。



请注意!

如果您使用咖啡粉制作咖啡，每次只能制作一杯咖啡。

1. 确保咖啡机已经开启，并且机器已经预热完成。
2. 逆时针转动  按钮 (B10)，直到指向  图标 (图19)。
3. 确保咖啡粉进料管没有被堵塞，加入一量勺的咖啡粉 (图20)。
4. 在咖啡流出口放置一个杯子 (A12)。
5. 按下出1杯咖啡按钮  (B5) 或者  (B7)。
6. 开始制作咖啡。

12. 制作美式咖啡

美式咖啡可以用咖啡豆或者是咖啡粉制作。用上述提及的制作步骤按  (B9) 按钮制作。

13. 制作卡布基诺和热牛奶(无奶泡)

小心! 烫伤危险!


在制备过程中，机器会释放出热蒸汽，小心避免烫伤。

1. 在制作卡布基诺咖啡时，请使用一个大杯子制作咖啡；
2. 每杯卡布基诺咖啡需使用100克牛奶，在考虑使用的容器时，请牢记牛奶在体积上会扩大两到三倍。


请注意!

您可使用冰箱保存后温度在5度左右的高品质牛奶制作更稠密泡沫更丰富的奶泡
为了避免产生泡沫较少或泡沫较大的奶泡，请经常清洗奶泡发生器 (A18)。详见本说明书关于“13.2 清洁使用后的奶泡发生器”章节。

3. 请确认奶泡发生器的按钮 (A19) 是在“CAPPUCCINO”的位置 (图21)。

4. 按下  (B4) 按钮，图标指示灯慢闪烁表示机器在预热。

5. 把奶泡发生器 (A18) 浸入奶缸中。

6. 当  按钮快闪烁时，即可转动蒸汽旋钮到I的位置 (如图6)，此时蒸汽灯常亮。奶泡发生器释放出蒸汽使牛奶产生丰厚的泡沫同时扩大其体积。

7. 若要获得更丰富的泡沫，向上慢慢转动盛放牛奶的容器，切勿一次释放3分钟以上蒸汽。

8. 当已经达到足够的奶泡，可以将蒸汽旋转按钮按到0的位置。

注：快闪30秒未制作蒸汽，机器将回到咖啡界面。

重要! 烫伤危险!

切记先停止蒸汽再移动盛有奶泡的容器，以避免被飞溅出的热牛奶烫伤。

9. 将奶泡加入事先制作好的咖啡中，卡布基诺咖啡就做好了，根据口味加入糖，亦可在奶泡上撒些可可粉。

按任意键可以退出蒸汽功能。

13.1 制作热牛奶 (无奶泡)

制作没有奶泡的热牛奶，和上述操作步骤一致，但是奶泡发生器往上拉动到“HOT MILK”的位置。

13.2 清洁使用后的奶泡发生器

每次使用奶泡发生器后必须进行清洁以避免产生牛奶残留物或堵塞物。

小心! 烫伤危险!

在清洁奶泡发生器时，会有一点热水流出，请避免与飞溅热水接触。

1. 转动蒸汽旋钮到I的位置放出一点点水，几秒钟后转动蒸汽旋钮到0的位置停止热水流出。

2. 等待几分钟直到奶泡发生器变凉，向外转动后往下方拉动取下奶泡发生器(如图22)。
3. 将奶泡发生器调节环(A19)向上拉(如图23)
4. 向下取下喷嘴（如图24）。
5. 确保图25中箭头所指的两个小洞不堵塞，如有必要，可以用大头针清洁。
6. 放回喷嘴后，将奶泡发生器调节环往下拉并将它向上推直到固定在喷嘴（如图26）。

14. 制备热水



重要！烫伤危险！

当热水流出时，切勿使机器处于无人监管的状态。奶泡发生器的出水口（A18），会在释放热水的时候变得非常热，手只能握住外把柄。

1. 在奶泡发生器下方尽可能靠近地放置一个容器以避免热水飞溅。
2. 转动蒸汽旋钮到I的位置，此时热水开始流出。
3. 转动蒸汽旋钮到0的位置以停止热水流出。



请注意！

若在节能模式开启的状态下，热水流出前可能需要等几秒钟。

15. 清洁

15.1 清洁咖啡机

以下咖啡机部件必须定时清洁：

- 咖啡机内部组件
- 咖啡渣盛放盒(A13)；
- 滴水盘(A17)和冷凝水盘(A14)；
- 水箱(A9)；
- 咖啡流出口(A12)；
- 咖啡粉进料管(A6)；
- 咖啡机内部，打开萃取门后可触及的部位(A10)；
- 萃取器(A11)。

• 奶泡发生器(A18)具体参照“13.2 清洁使用后的奶泡发生器章节”。

• 控制面板（A1）。



重要！

- 切勿使用化学溶剂、有腐蚀性的清洁剂或酒精清洗咖啡机。无需使用任何化学物质清洁德龙超级全自动咖啡机。德龙推荐的除垢剂是来自天然的、完全可进行生物降解的物质。
- 咖啡机的任何部件都不可放在洗碗机中清洗。
- 切勿使用金属物体去除结垢或咖啡沉淀物，以免擦伤金属或塑料表面。

15.2 清洁咖啡机清洗系统

如果机器有超过3-4天没有使用，在使用前我们强烈建议打开后：

- 按 按钮(B3)进行2-3次自动清洗功能。
- 打开热水(A20)关到I 位置，释放一点热水。



请注意！

在清洗后，咖啡盛渣盒（A13）会遗留部分水，是正常的现象。

15.3 清洁咖啡残渣盒

当 图标闪烁时，咖啡残渣盒必须被清空并清洗；不然的话，机器持续闪烁该图标且无法制作咖啡。

清洁(在机器处于开机状态的时候)；

- 取出滴水盘(如图27)，清空水并清洗；
- 清空咖啡残渣盒并彻底清洁盒底部的残渣；
- 查看一下冷凝水盘(A14)，如有必要请清空并清洗。



重要！

取出滴水盘后，咖啡残渣盒即使只有一点点咖啡残渣也必须被倒空，咖啡残渣盒可能超过渣盒的高度导致阻塞机器运作。

15.4 清洁滴水盘和冷凝水盘



重要!

若滴水盘未定期清洁，水将会从边缘溢出渗入咖啡机内部或周围，这可能会损坏咖啡机及其表面或周围区域。滴水盘装有一个红色的浮子水位指示器，从而显示出滴水盘中的水位(如图28)。在该指示器从托特吕弗看浮出前，滴水盘必须被倒空并清洗。

取出滴水盘：

1. 取出滴水特来发帖咖啡残渣盒(如图27)。
2. 倒空并清洗滴水特来发帖咖啡残渣盒；
3. 查看红色冷凝水盘，如有必要请清空并清洗；
4. 将滴水特来发帖咖啡残渣盒放回原位。

15.5 清洁机器内部



小心触电!

在清洗内部部件之前，必须关闭咖啡机(参见“关闭机器”章节)并且拔掉插头，切勿将咖啡机浸泡在水中。

1. 定期(大约一个星期左右)检查机器内部(取出滴水盘后所有能接触到的部分)是否很脏，如有必要，可用刷子或海绵去除咖啡沉淀物；
2. 使用真空吸尘器去除残渣(如图29)。

15.6 清洁水箱

定期清洁水箱(大约一个月一次)，用温和的清洗液蘸取在湿布上进行擦拭并洗净。

15.7 清洁咖啡流出口

1. 定期用海绵或抹布擦净咖啡流出口(如图30A)；
2. 检查并确保咖啡流出口不被堵住，如有必要，可以用牙签去除咖啡沉淀物(如图30B)；

15.8 清洁咖啡粉进料管

定期检查(大约每月一次)咖啡进料管是否被堵塞。如有必要，用配有的刷子来清洁咖啡残渣。

15.9 清洁萃取器

萃取器(A11)至少每月清洁一次。



重要!

机器接通电源时，萃取器可能无法取出!

1. 确定咖啡机已被正确关闭(详见第7章关于“关闭机器”章节)；
2. 取出水箱；
3. 打开机器右边的萃取器门(如图31)；
4. 向内按下两个红色通常一天按钮的同时向外拉出萃取器(如图32)；



重要!

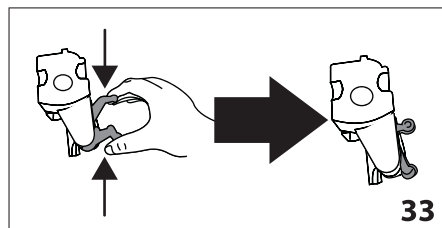
萃取器只能用水冲洗! 不可使用洗涤剂或洗洁精清洗! 以免造成损坏!

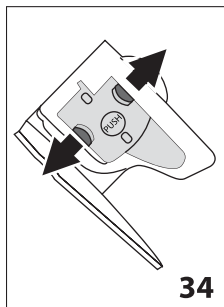
5. 把萃取器浸在水中大约5分钟后，用清水冲洗；
6. 用刷子刷去萃取器上和萃取器门附近能看到部分的咖啡残渣；
7. 清洗完毕后，将萃取器推入内部支架和底部销钉对准，然后按着PUSH标志直到听到咔哒一声，表示萃取器已被放回原位；




请注意!

如果很难把萃取器放回机器，则可按压图片中所示的两个操作杆来使它适应正确的位置(如图33)。





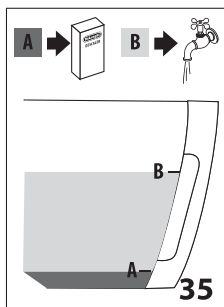
16. 除垢

当控制面板上  图标闪烁时，咖啡机需要除垢。



- 使用前请仔细阅读除垢剂（C3）包装背后的标签上标注的安全警告和使用方法。
- 仅使用德龙除垢剂。使用不适合的除垢剂会导致无法保修。未根据以下步骤操作导致除垢失败也将使保修无效。

1. 启动咖啡机等待它可以正常使用；

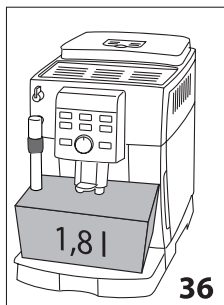


2. 清空滴水盘（A17）和咖啡盛渣盒（A13）并放回机身；


3. 清空水箱（A9）并去除软水过滤器（C4，若有）；


4. 将除垢液倒入水箱直至水箱背后刻有的水平线A（原机有对应大约100毫升一包的量），再加一升直至水平线B（如图35）；再把水箱放回原位；

5. 在奶泡发生器（A18）下方放置一个容器至少为1.8升的空容器（如图36）；



6. 等待咖啡指示灯亮起；


7. 长按  至少5秒并确认已加入除垢剂，指示灯长亮表示除垢程序开始；


8.  指示灯闪烁表示蒸汽按钮要转到I位置；



含有除垢剂的热从奶泡发生器喷嘴口和咖啡流出口流出，请避免接触到溅出的水。

9. 转动蒸汽按钮到I的位置，除垢程序开始进行且含有除垢液的热从奶泡发生器和咖啡流出口里流出，该除垢程序将自动进行一系列的冲洗和停顿以确保机器内部的残垢完全洗净。


大约25分钟后，除垢程序停止， 指示灯在控制面板上闪烁。将蒸汽按钮按按钮转到0位置。

10. 机器已经准备就绪，可以用干净的水彻底清洗。清空接除垢液的容器。取出水箱，清空，冲洗后加入干净的水至MAX线并且放回机器，此时  指示灯闪烁。

11. 将原先接除垢液的容器放在咖啡流出口和奶泡发生器出口下方（如图36）。

12. 将蒸汽按钮转到I位置，开启清洗。热水先从奶泡发生器流出，最后从咖啡流出口流出。

13. 当水箱被清空后， 图标在控制面板闪烁。将蒸汽按钮转到0位置。

14. 清空接除垢液的容器接取后续冲洗的水。取出水箱，放入软水过滤器（若之前有移除），然后接入冷水至MAX线并装入机器，此时  指示灯闪烁。

15. 将接除垢液的容器清空后再放在奶泡发生器下面。

16. 将蒸汽按钮再转到I位置，水流继续从奶泡发生器下方流出。

17. 当停止流水后， 指示灯在控制面板上闪烁，将蒸汽按钮按按钮转到0位置。

18. 加满水箱至MAX线，并放回机器。除垢过程完成。



请注意!

- 如果除垢过程没有完整运行一次（如中途断电了），我们建议从头开始。
- 除垢后，咖啡盛渣盒有水是正常现象。

17.设置水的硬度

经过一段时间的使用后，机器根据水的硬度的设置提示必须除垢。本机器的水硬度在出厂设置时设定为4，本咖啡机也可根据不同地区主水源的实际硬度而重新设定，从而决定机器是否需要经常除垢。

17.1 测定水的硬度

1. 从操作说明书中取出附上的“TOTAL HARDNESS TEST”测试纸；
2. 把测试纸完全浸没在盛水的玻璃杯一秒钟；
3. 从水中取出测试纸，轻轻摇一摇。大约在一分钟后，根据水的硬度，出现1、2、3或4个红色方块。每个方块相对一个硬度等级。

Level 1

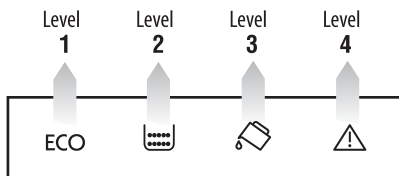
Level 2

Level 3

Level 4






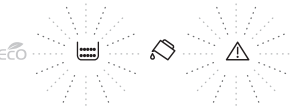
17.2 设置水的硬度

1. 确保机器已被关闭但是电源仍然连接着主电源且电源主开关在I的位置；
2. 长按 至少6秒钟， 会同时亮起；
3. 按下 (B5) 按钮来设置实际水硬度（按照测试纸上所测定的等级）。



4. 按下 (B7) 确认设置
此时，编程成功且机器开始采用新设置的水硬度值。

18. 亮灯图解释说明

亮 灯	可能的原因	处理办法
 <p>闪烁</p>	水箱中水量不足。	在水箱中加满水和/或正确放置水箱，应尽可能将水箱推入并听到咔哒一声。
 <p></p>	水箱安装不到位。	正确地插入水箱。
 <p>闪烁</p>	咖啡残渣盒(A13)已满。	清空并清洗滴水盘和咖啡残渣盒后放回原位(如图A17)。重要：取出滴水盘时，咖啡残渣盒必须要清空，即使只有一点点残渣，不然的话，当你继续制作咖啡时，咖啡渣将超过渣盒高度导致阻塞机器运作。
 <p></p>	咖啡残渣盒被清洁后未被放回原位。	取出滴水盘(A17)再正确放入。
 <p>闪烁</p>	在未加入咖啡粉的情况下选定了“咖啡粉制作咖啡功能”。	在咖啡粉管道中加入咖啡粉或者解除“咖啡粉制作咖啡功能”。
 <p>闪烁</p>	咖啡豆磨得太细导致出咖啡速度缓慢或完全不出咖啡。	再制作一杯咖啡，并且将咖啡研磨器顺时针往7这边转1格。如果做了2杯以上仍旧很慢，重复调整上述过程，再转1格直至正常制作咖啡。(具体参照“调节咖啡豆研磨程度”章节)如果问题仍旧存在，转到蒸汽按钮到I位置，让水从奶泡发生器里留一点出来。

亮 灯	可能的原因	处理办法
 闪烁	如果机器安装了软水过滤器，机器内部回路有空气进入，阻碍了咖啡流出。	转到蒸汽按钮到I位置，直至水从奶泡发生器里能正常流出来。
 红白交替闪烁	咖啡机必须进行除垢。	咖啡机除垢程序详见说明书“除垢”章节，要尽快进行除垢。
 闪烁	放入了太多的咖啡豆或咖啡粉。	选择淡口味或者减少咖啡粉量后再制作咖啡。
 闪烁	咖啡豆已用完。	将咖啡豆加入咖啡豆容器。
	咖啡粉进入管已堵塞。	使用小刷子清理咖啡粉管道，在“咖啡粉管道清洁”章节有详细描述。
 闪烁	萃取器被清洗后未被放回原位。	按照“清洁萃取器”章节内容放回萃取器。
	机器内部非常脏。	根据“清洁和维护”章节中描述彻底清洁机器内部。若在清洗后屏幕仍然显示该信息，请联系售后服务。
 闪烁	表示可以转动蒸汽旋钮。	转动蒸汽旋钮。

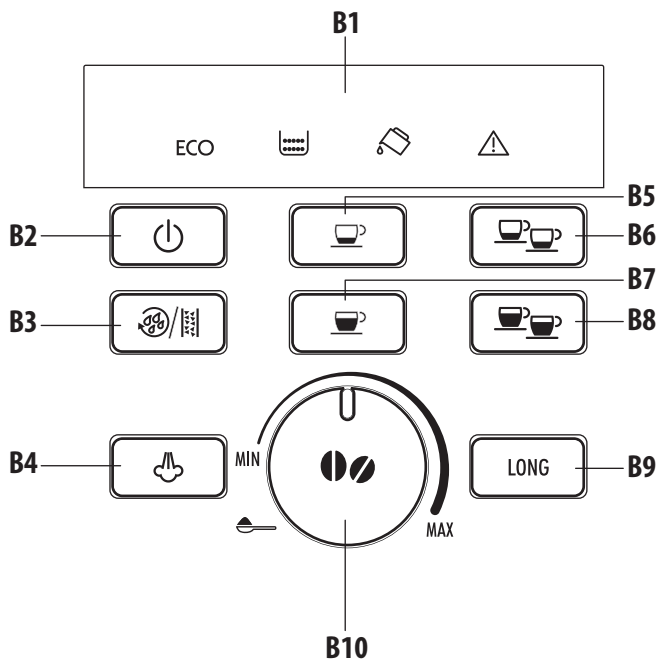
19. 故障处理

以下表格列出一些可能发生的問題。
若某些故障未能通过以下方法解决，请联系售后服务。

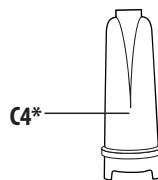
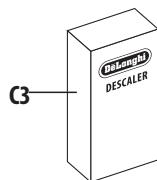
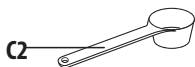
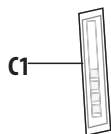
问 题	可能的原因	处理办法
咖啡不热	咖啡杯未预热。	用热水冲洗咖啡杯（请注意可使用制备热水功能）。
	由于距离上次制作咖啡已过了2/3分钟，萃取器已经冷却。	在制作咖啡前，按  按钮来加热萃取器。
咖啡太淡或油脂不浓厚	咖啡豆研磨过于粗糙。	当咖啡豆研磨器在工作时，逆时针朝“1”转动研磨调节旋钮一格(如图14)。若仍觉得不足，继续转动一格。该操作效果在制作2杯咖啡后才会体现出来(详见第11页“调节咖啡豆研磨程度”章节)。
	咖啡豆类型选错。	使用正确类型的咖啡豆制作意式浓缩咖啡。
出咖啡速度太慢或一次滴一滴或不够绵密	咖啡豆磨得太细。	当咖啡研磨器在工作时，顺时针朝“7”转动研磨调节旋钮一格(如图14)。若仍觉得出咖啡很慢，继续转动一格。该操作效果在制作2杯咖啡后才会体现出来。(详见11.3章“调节咖啡豆研磨程度”章节)。
咖啡流出口堵住无法流出咖啡	咖啡流出口堵塞。	用牙签来清洁咖啡流出口。
制作的奶泡泡沫过大	牛奶不够冰或者品质不好。	最好使用在冰箱冰过的高品质牛奶(大约5℃)。如果对效果还是不满意，尝试换个牛奶品牌。
牛奶基本没什么泡沫	奶泡发生器喷嘴太脏。	根据第13页上“清洁使用后的奶泡发生器”章节内容清洗喷嘴。
停止释放蒸汽	机器安全保护装置会使机器在3分钟持续释放蒸汽停止释放蒸汽。	稍等片刻后再次启动蒸汽功能。
咖啡机无法启动	机器电源没插入插座。	将电源插入插座。
	没有开启主电源开关。	按下电源开关处于“I”位置(如图4)。

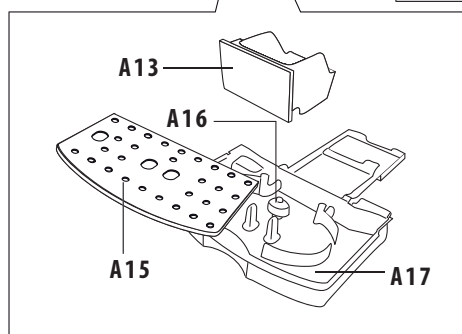
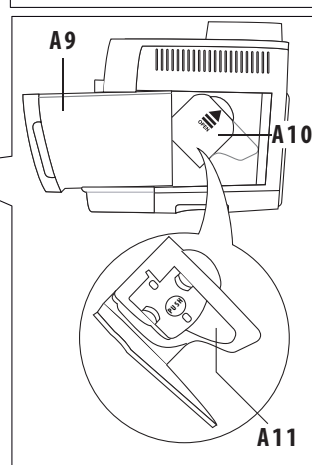
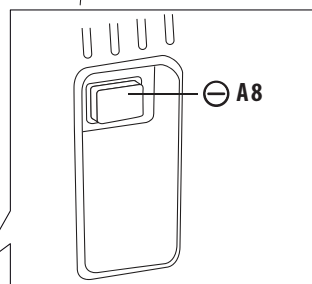
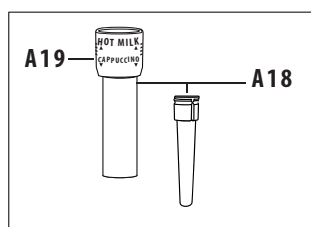
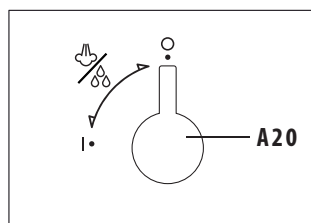
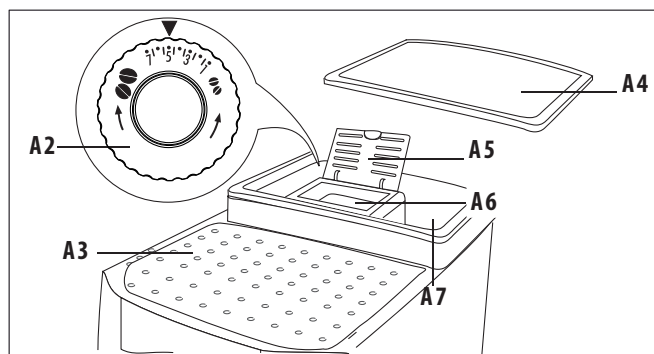
ENGLISH SECTION

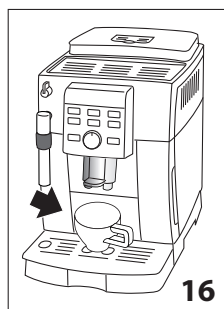
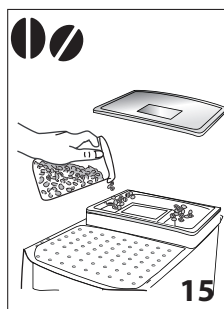
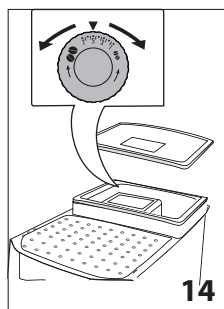
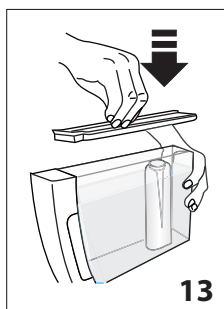
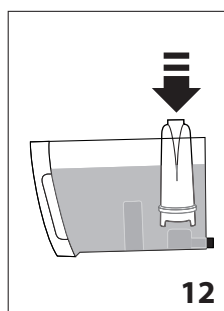
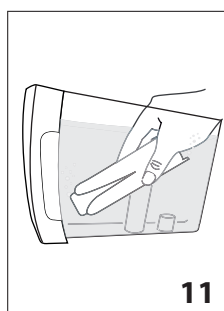
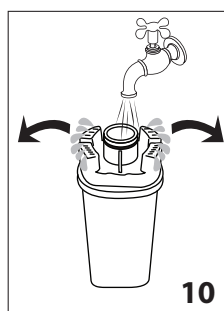
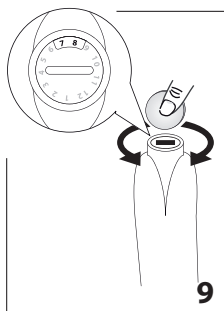
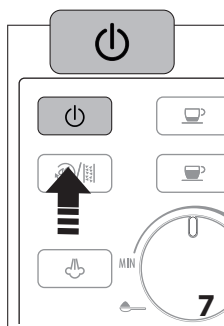
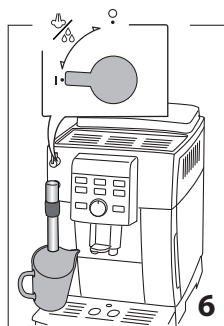
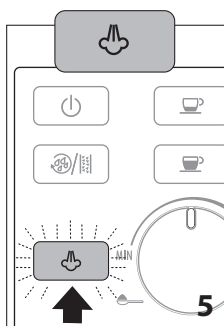
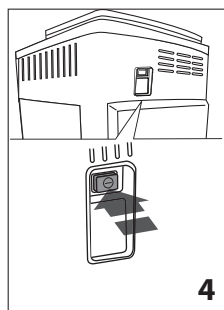
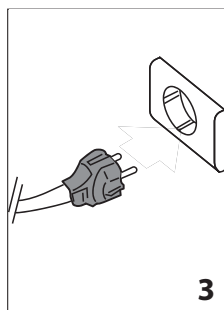
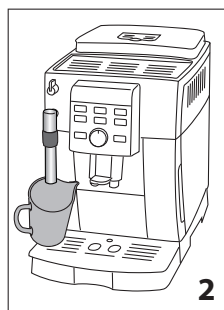
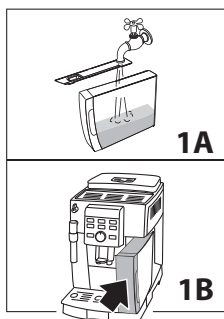
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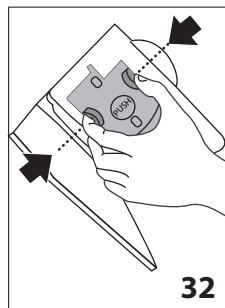
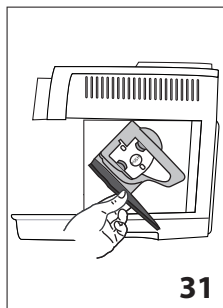
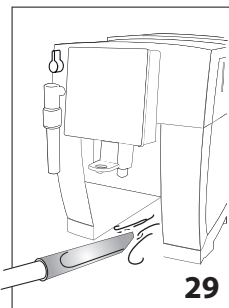
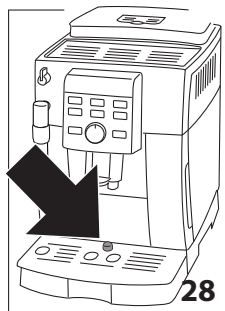
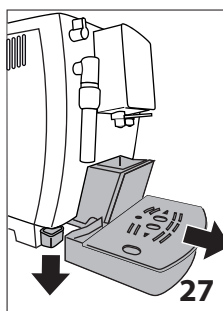
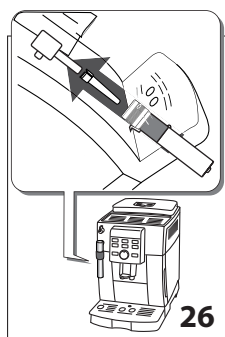
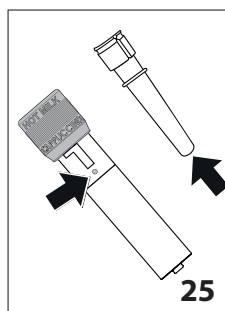
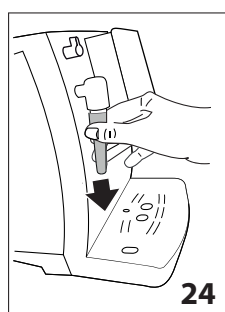
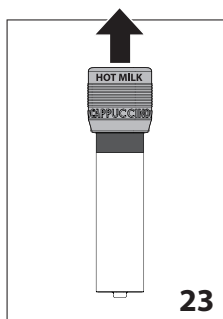
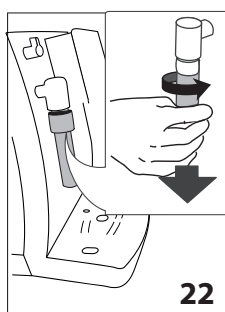
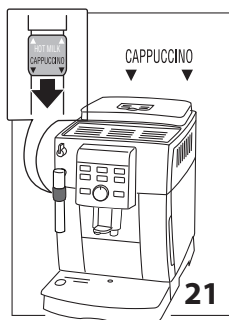
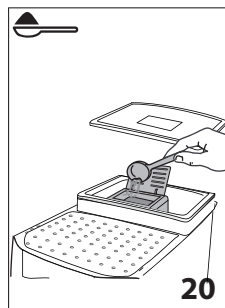
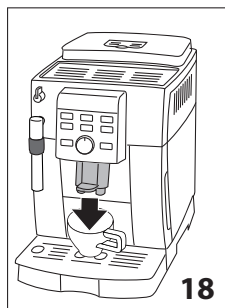
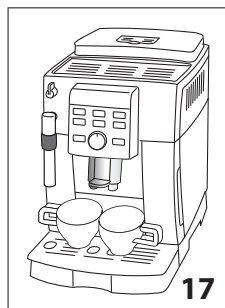


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INHALT

1. FUNDAMENTAL SAFETY WARNINGS	26
2. SAFETY WARNINGS	27
2.1 Symbols used in these instructions	27
2.2 Designated use	27
2.3 Instruction for Use	27
3. INTRODUCTION	27
3.1 Letters in brackets	27
3.2 Troubleshooting and repairs	27
4. DESCRIPTION	28
4.1 Description of the appliance	28
4.2 Description of the control panel	28
4.3 Description of the accessories	28
4.4 Description of lights	28
5. BEFORE USE	28
5.1 Checking the appliance	28
5.2 Installing the appliance	28
5.3 Connecting the appliance	29
5.4 Setting up the appliance	29
6. TURNING THE APPLIANCE ON	29
7. TURNING THE APPLIANCE OFF	29
8. AUTO-OFF	29
9. ENERGY SAVING	30
10. WATER SOFTENER FILTER	30
10.1 Installing the filter	30
10.2 Removal and replacement of the water softener filter	30
11. MAKING COFFEE	30
11.1 Selecting the coffee taste	30
11.2 Selecting the quantity of coffee in the cup ..	31
11.3 Adjusting the coffee mill	31
11.4 Set temperature	31
11.5 Tips for a hotter coffee	31
11.6 Making coffee using coffee beans	31
11.7 Making coffee using pre-ground coffee	32
12. MAKING LONG COFFEE	32
13. MAKING CAPPUCCINO AND HOT MILK (NOT FROTHED)	32
13.1 Making hot milk (not frothed)	32
13.2 Cleaning the cappuccino maker after use. ..	33
14. PREPARING HOT WATER	33
15. CLEANING	33
15.1 Cleaning the machine	33
15.2 Cleaning the machine's internal circuit	33
15.3 Cleaning the coffee grounds container	33
15.4 Cleaning the drip tray and condensate tray ..	33
15.5 Cleaning the inside of the coffee machine ..	34
15.6 Cleaning the water tank	34
15.7 Cleaning the coffee spouts	34
15.8 Cleaning the pre-ground coffee funnel	34
15.9 Cleaning the infuser	34
16. DESCALING	34
17. SETTING WATER HARDNESS	35
17.1 Measuring water hardness	35
17.2 Setting water hardness	36
18. TECHNICAL DATA	36
19. DISPOSAL	36
20. EXPLANATION OF LIGHTS	36
21. TROUBLESHOOTING	38
22. ELECTRICAL CONNECTION (UK ONLY)	39

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.
- Designated use: this appliance is designed and made to prepare coffee and milk based beverages and hot water. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance.
- The surface of the heating element remains hot after use and the outside of the appliance may retain the heat for several minutes depending on use.
- To clean, follow the instructions in the section “14. Cleaning”.
- Cleaning and user maintenance shall not be made by children without supervision.
- Never clean by immersing the appliance in water.
- CAUTION: To prevent damage to the appliance do not use alkaline cleaning agents when cleaning, use a soft cloth and a mild detergent
- 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.
- Appliances with removable cord: avoid splashes of water on the power cord connector or socket at the back of the appliance.
- IMPORTANT: Models with glass surfaces: do not use the appliance if the surface is cracked.

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. User cleaning and maintenance shall not be made by children unless they are above 8 years old and supervised. Keep the appliance and power cord away from children under 8 years of age.
- Appliances can be used by persons with reduced physical, sensory or mental capabilities 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.

- Always unplug the appliance when left unattended and before assembly, taking apart or cleaning.



Surfaces marked with this symbol become hot during use (the symbol is present in certain models only).

2. SAFETY WARNINGS

2.1 Symbols used in these instructions

Important warnings are identified by these symbols. It is vital to respect these warnings.



Danger!

Failure to observe the warning may result in life threatening injury by electric shock.



Important!

Failure to observe the warning could result in injury or damage to the appliance.



Danger of burns!

Failure to observe the warning could result in scalds or burns.



Please note:

This symbol identifies important advice or information for the user.



Danger!

This is an electrical appliance and may cause electric shock.

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.
- To disconnect the appliance completely you must unplug it from the mains socket.
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool.



Important:

Keep all packaging (plastic bags, polystyrene foam) away from children.



Danger of burns!

This appliance produces hot water and steam may form while it is in operation.

Avoid contact with splashes of water or hot steam.

When the appliance is in operation, the cup shelf could become very hot.

2.2 Designated use

This appliance is designed and made to prepare coffee and heat drinks.

Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance.

2.3 Instruction for Use

Read this Instruction for Use carefully before using the appliance. 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.



Please note:

Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use.

3. INTRODUCTION

Thank you for choosing this bean to cup espresso and cappuccino machine.

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

3.1 Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on page 21-22

3.2 Troubleshooting and repairs

In the event of problems, first try and resolve them following the information given in the sections “20. Explanation of lights” and “21. Troubleshooting”.

If this does not resolve the problem or you require further information, you should consult Customer Services by calling the number given on the annexed “Customer Service” sheet.

If your country is not among those listed on the sheet, call the number given in the guarantee. If repairs are required, contact De’Longhi Customer Services only. The addresses are given in the guarantee certificate provided with the machine.

4. DESCRIPTION

4.1 Description of the appliance








(page 22 - A)

- A1. Control panel
- A2. Grinding adjustment dial
- A3. Cup shelf
- A4. Beans container lid
- A5. Pre-ground coffee funnel lid
- A6. Pre-ground coffee funnel
- A7. Beans container
- A8. Main switch
- A9. Water tank
- A10. Infuser door
- A11. Infuser
- A12. Coffee spouts (adjustable height)
- A13. Coffee grounds container
- A14. Condensate tray
- A15. Cup tray
- A16. Drip tray water level indicator
- A17. Drip tray
- A18. Cappuccino maker
- A19. Cappuccino maker selection ring
- A20. Steam/hot water dial

4.2 Description of the control panel

(page 21- B)

The lights on the buttons come on steadily or flash as appropriate. The meanings are indicated in brackets in the description.

- B1. Indicator light panel (see "Description of lights")
- B2.  button: to turn the appliance on and off (*light flashing - the appliance is heating up; light on - the appliance is ready for use*)
- B3.  button: to rinse or descale the appliance (*white light on - the appliance is rinsing; red and white lights flashing alternately - the appliance needs descaling*)
- B4.  button: to deliver steam to make cappuccino and milk based coffees (*light on - the "steam" function has been selected; light flashing - you must turn the steam dial; light fading - the appliance is heating up*)
- B5.  button: to make 1 cup of short espresso coffee (*light on - this setting has been selected*)
- B6.  button: to make 2 cups of short espresso coffee (*light on - this setting has been selected*)
- B7.  button: to make 1 cup of long espresso coffee (*light on - this setting has been selected*)
- B8.  button: to make 2 cups of long espresso coffee (*light on - this setting has been selected*)
- B9. **LONG** button: to make 1 cup of LONG coffee (*light on - this setting has been selected*)

B10. Selection dial: turn to select coffee taste or to use pre-ground coffee

4.3 Description of the accessories

(page 21 - C)

- C1. Indicator paper
- C2. Coffee measure
- C3. Descaler
- C4. Water softener filter

4.4 Description of lights



An alarm is displayed on the control panel (see section 20. "Explanation of lights").



Light on: the grounds container is missing and must be inserted;

Light flashing: the grounds container is full and must be emptied.



Light on: the water tank is missing;

Light flashing: there is not enough water in the tank.

ECO

"Energy Saving" mode is active.

5. BEFORE USE

5.1 Checking the appliance

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services.

5.2 Installing the appliance



Important!

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

- The appliance could be damaged if the water it contains freezes.
Do not install the appliance in a room where the temperature could drop below freezing point.
- The appliance gives off heat. After positioning the appliance on the worktop, leave a space of at least 3 cm between the surfaces of the appliance and the side and rear walls and at least 15 cm above the coffee maker.
- Water penetrating the coffee maker could cause damage.
Do not place the appliance near taps or sinks.
- 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).

5.3 Connecting the appliance



Important!

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.

5.4 Setting up the appliance



Please note :

- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill. The machine is, however, guaranteed to be new.
 - You should customise water hardness as soon as possible following the instructions in the section "17. Setting water hardness". Proceed as described:
1. Remove the water tank (A9), fill to the MAX line with fresh water (fig. 1A) then put back in the appliance (fig. 1B).
 2. Place a container with a minimum capacity of 100 ml under the cappuccino maker (A18) (fig. 2).
 3. Connect the appliance to the mains electricity supply (fig. 3) and make sure the main switch (A8) at the back of the appliance is pressed down (fig. 4).
 4. The  button (B4 - fig. 5) flashes on the control panel (B).
 5. Turn the steam dial (A20) to the I position (fig. 6). Water is delivered from the cappuccino maker, then the appliance goes off.
 6. Turn the steam dial to the 0 position.

The coffee machine is now ready for normal use.



Please note :

- When setting up the appliance, you need to make 4-5 cups of coffee or 4-5 cappuccinos before the appliance starts to give satisfactory results.
- To enjoy your coffee even more and improve the performance of your appliance, we recommend installing a water softener filter (C4) as described in section "10. Water softener filter". If your model is not provided with a filter, you can request one from De'Longhi Customer Services.

6. TURNING THE APPLIANCE ON



Please note :


- Before turning the appliance on, make sure the main switch (A8) on the back of the appliance is pressed (fig. 4).

- Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is ready for use only once this cycle is complete.



Danger of burns!

During rinsing, a little hot water comes out of the coffee spouts (A12) and is collected in the drip tray (A17) underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the  button (B2 - fig. 7). The light flashes while the appliance is heating up and performing the automatic rinse cycle. By circulating hot water, the appliance heats both the boiler and the internal circuits.

When all the lights on the buttons are on, the appliance has reached the correct temperature and you can now select any function.


7. TURNING THE APPLIANCE OFF

Each time the appliance is turned off, it performs an automatic rinse cycle which cannot be interrupted.



Danger of burns!

During rinsing, a little hot water flows from the coffee spouts (A12).

Avoid contact with splashes of water. To turn the appliance off, press the  button (B2, fig. 7). The appliance performs a rinse cycle then goes off (stand-by).



Please note:

If the appliance is not used for an extended period, also press the main switch (A8 - fig. 4).





Important!

To avoid damaging the appliance, never place the main switch in the 0 position until the appliance has been turned off using the  button.

8. AUTO-OFF

Auto-off can be set so that the appliance goes off after 15 or 30 minutes, or after 1, 2 or 3 hours.

To change the Auto-off setting, proceed as follows:

1. With the appliance turned off but the main switch (A8) pressed down, press and hold the  button (B8) until the lights on the control panel come on;
2. Press the  button (B5) until the lights corresponding to the time elapsing before the appliance goes off automatically come on:

15 minutes **ECO**

30 minutes **ECO** 

1 hour	ECO		
2 hours	ECO		
3 hours	ECO		

- Press the button (B7) to confirm the selection. The lights go off.

9. ENERGY SAVING

Use this function to enable or disable energy saving. When enabled, the function reduces energy consumption in compliance with European regulations.

Energy saving mode is active when the ECO light is on.

- With the appliance turned off but the main switch (A8) pressed down, press and hold the button (B4) until the **ECO** light comes on (fig. 8).
- To deactivate the function, press the button (B5) until the **ECO** light flashes.
- To re-activate the function, press the button again: the **ECO** light comes on.
- Press the button (B7) to confirm the selection. The **ECO** light goes off.

Please note :

When in energy saving mode, a few seconds may elapse before the first coffee is delivered as the appliance must heat up again.

10. WATER SOFTENER FILTER

Certain models are fitted with a water softener filter (C4). If this is not the case with your model, you are recommended to purchase one from De'Longhi Customer Services.

Important:

- Keep in a cool dry place out of direct sunlight.
- After opening the packaging, use the filter at once.
- Remove the filter before descaling the machine.

To use the filter correctly, follow the instructions below.

10.1 Installing the filter

- Remove the filter (C4) from the packaging.
- Turn the date indicator disk until the next two months of use are displayed (fig 9).

Please note:

The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last a maximum of three weeks.

- To activate the filter, run tap water through the hole in the filter as shown in the figure until water comes out of the openings at the side for more than a minute (fig. 10).

- Extract the tank from the appliance and fill with water (fig. 1A).
- Insert the filter in the water tank and immerse it completely, sloping it to enable the air bubbles to escape (fig. 11).
- Insert the filter in the filter housing and press as far as it will go (fig. 12).
- Close the tank with the lid (fig. 13), then replace the tank in the machine.
- Place a container with a minimum capacity of 500 ml under the cappuccino maker.
- Turn the steam dial to the **I** position to deliver hot water.
- After the machine has delivered at least 500 ml of hot water, turn the steam dial back to the **0** position.

Please note:

Occasionally one delivery of hot water is not enough to install the filter and the lights come on during installation.

If this happens repeat the installation procedure from point 9. The filter is now active and you can use the coffee machine.

10.2 Removal and replacement of the water softener filter

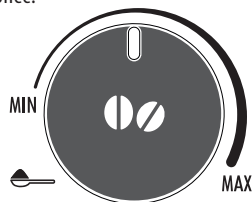
After two months (see date indicator disk), or if the appliance has not been used for 3 weeks, the filter (C4) must be removed from the tank (A9) and replaced with a new one, repeating the installation procedure above.

11. MAKING COFFEE

11.1 Selecting the coffee taste

Turn the coffee taste selection dial (B10) to set the required taste. Turning it clockwise increases the quantity of coffee beans the appliance will grind and therefore the strength of the coffee obtained.

Turn the dial to MIN for an extra mild coffee and to MAX for an extra strong coffee.







Please note :

- The first time you use the appliance, you will need to make a number of coffees to identify the correct dial position through trial and error.

- Do not turn the dial too far towards MAX, otherwise the coffee may be delivered too slowly (a drop at a time), particularly when making two cups of coffee at the same time.

11.2 Selecting the quantity of coffee in the cup

The appliance is set by default to automatically make the following quantities of coffee:

- short espresso coffee ($\approx 40\text{ml}$) when the  button (B5) is pressed;
- long espresso coffee ($\approx 120\text{ml}$) when the  button (B7) is pressed;
- two short espresso coffees when the  button (B6) is pressed;
- two long espresso coffees when the  button (B8) is pressed.

To change the quantity of coffee the appliance delivers automatically into the cup, proceed as described below:

- press and hold the button corresponding to the quantity to be modified until the short espresso coffee or long espresso coffee light flashes. When the appliance starts delivering coffee, release the button;
- when the coffee in the cup reaches the desired level, press the same button again to memorise the new amount.

The machine is now reprogrammed with the new quantities.



Please note :

It is possible to memorise just the single cup quantity. The two cup quantity reprogrammes automatically.

11.3 Adjusting the coffee mill

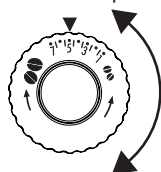
The coffee mill is set by default to prepare coffee correctly and should not require regulating initially.

However, if after making the first few coffees you find that the coffee is either too weak and not creamy enough or delivery is too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment dial (A2 - fig. 14).



Please note :

The grinding adjustment dial must only be turned when the coffee mill is in operation.




If the coffee is delivered too slowly or not at all, turn one click clockwise towards "7".

For fuller bodied creamier coffee, turn one click anticlockwise towards "1" (do not turn more than one click at a

time otherwise the coffee could be delivered a drop at a time). These adjustments will only be evident after at least 2 cups of coffee have been delivered. If this adjustment does not obtain the desired result, turn the dial another click.


11.4 Set temperature

To modify the temperature of the water used to make the coffee, proceed as follows:

1. With the appliance turned off but the main switch (A8) pressed down (fig. 4), press and hold the  button (B5) until the lights on the control panel (B) come on;


2. Press the  button to select the required temperature:



3. Press the  button (B7) to confirm the selection. The lights go off.

11.5 Tips for a hotter coffee

For hotter coffee, you should:

- before delivering the coffee, perform a rinse cycle by pressing the  button (B3). Hot water is delivered from the spout, heating the internal circuits of the appliance and thus raising the coffee temperature;
- warm the cups with hot water (using the hot water function);
- set a hotter coffee temperature (see the section "11.4 Setting the temperature").

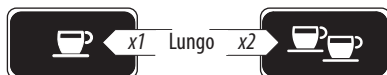
11.6 Making coffee using coffee beans



Important!

Do not use caramelised or candied coffee beans as they could stick to the coffee mill and damage it.

1. Fill the container (A7 - fig. 15) with coffee beans.
2. Place under the coffee spouts (A12):
 - 1 cup, if you want to make 1 coffee (fig. 16);
 - 2 cups, if you want 2 coffees (fig. 17).
3. Lower the spouts as near as possible to the cup. This makes a creamier coffee (fig. 18).
4. Press the button corresponding to the required coffee:



5. Delivery begins and on the control panel (B), the light on the selected button comes on.

Once the coffee has been made, the appliance is ready to make the next drink.



Please note :

- While the machine is making coffee, delivery can be interrupted at any moment by pressing one of the illuminated coffee buttons.
- At the end of delivery, to increase the quantity of coffee in the cup, just press one of the coffee icons (within 3 seconds).



Please note :

For hotter coffee, see section "11.5 Tips for a hotter coffee".



Important!

- If the coffee is delivered a drop at a time, too weak and not creamy enough or too cold, read the tips in the section "21. Troubleshooting".
- Lights may be displayed on the control panel during use. Their meaning is given in the section "20. Explanation of the lights".

11.7 Making coffee using pre-ground coffee



Important!

- Never place coffee beans in the pre-ground coffee funnel (A6) as this could damage the appliance.
- Never add pre-ground coffee when the machine is off or it could spread through the inside of the machine and dirty it. This could damage the appliance.
- Never use more than 1 level measure (C2) or it could dirty the inside of the coffee machine or block the funnel.



Please note :

When you use pre-ground coffee, you can only make one cup of coffee at a time.

1. Make sure the appliance is on.
2. Turn the coffee taste selection dial (B10) anticlockwise as far as it will go to the ☞ position (fig. 19).
3. Make sure the funnel is not blocked, then add one level measure of pre-ground coffee (fig. 20).
4. Place a cup under the coffee spouts (A12).
5. Press the required 1 cup coffee button (☞ -B5 or ☞ -B7).
6. Preparation begins.

12. MAKING LONG COFFEE

LONG coffee can be made using either coffee beans or pre-ground coffee.

Follow the directions above to prepare the machine and press the **LONG** button (B9).

13. MAKING CAPPUCCINO AND HOT MILK (NOT FROTHED)



Danger of burns!

During preparation, steam is given off. Take care to avoid scalds.

1. When preparing cappuccino, make the coffee in a large cup;
2. Fill a container (preferably one with a handle to avoid scalding) with about 100 grams of milk for each cappuccino. In choosing the size of the container, bear in mind that the milk doubles or triples in volume;



Please note :

For a richer denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 5°C). To avoid milk with poor froth or large bubbles, always clean the cappuccino maker as described in the section "13.2 Cleaning the cappuccino maker after use".

3. Make sure the cappuccino maker selection ring (A19) is positioned downwards in the "CAPPUCCINO" position (fig. 21);
4. Press the ☞ button (B4): the fading light on the button indicates that the appliance is heating up.
5. Immerse the cappuccino maker (A18) in the milk container.
6. When the light ☞ flashes after a few seconds, turn the steam dial (A20) to the I position (fig. 6). Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance and making it more voluminous;
7. For a creamier froth, rotate the container with slow movements in an upward direction. (You should not deliver steam for more than 3 minutes at a time);
8. When you have obtained the required froth, stop steam delivery by turning the steam dial back to the 0 position.



Danger of burns!

Stop steam delivery before removing the container with the frothed milk to avoid burns caused by splashes of boiling milk.

9. Add the milk froth to the coffee prepared previously. The cappuccino is ready. Sweeten to taste and, if desired, sprinkle the froth with a little cocoa powder.

Press any button to exit the steam function.

13.1 Making hot milk (not frothed)

To make hot milk without froth, proceed as described in the above section, but with the cappuccino maker selection ring (A19) positioned upwards in the "HOT MILK" position.

13.2 Cleaning the cappuccino maker after use.

Clean the cappuccino maker (A18) each time you use it to avoid the build-up of milk residues or blockages.



Danger of burns!

When cleaning the cappuccino maker, a little hot water is delivered. Avoid contact with splashes of water.

1. Deliver a little water for a few seconds by rotating the steam dial (A20) to the **I** position. Then turn the steam dial to the **0** position to stop the flow of hot water.
2. Wait a few minutes for the cappuccino maker to cool down. Turn the cappuccino maker downwards to remove it (fig. 22).
3. Move the selection ring (A19) upwards (fig. 23).
4. Remove the nozzle downwards (fig. 24).
5. Make sure the two holes shown by the arrow in fig. 25 are not blocked. If necessary, clean with a pin.
6. Replace the nozzle, move the ring downwards and put the cappuccino maker back on the nozzle (fig. 26), turning it and pushing it upwards until it is attached.

14. PREPARING HOT WATER



Danger of burns!

Never leave the machine unattended while delivering hot water. The spout of the cappuccino maker (A18) becomes hot while water is being delivered and must be held by the handle only.

1. Place a container under the cappuccino maker (as close as possible to avoid splashes).
2. Turn the steam dial (A20) to the **I** position. Delivery begins.
3. Stop by turning the steam dial to the **0** position.



Please note :

If “energy saving” mode is active, you may have to wait a few seconds before the hot water is delivered.

15. CLEANING

15.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- coffee grounds container (A13);
- drip tray (A17) and condensate tray (A14);
- water tank (A9);
- coffee spouts (A12);
- the cappuccino maker (A18) (see section “13.2 Cleaning the cappuccino maker after use”);
- pre-ground coffee funnel (A6);
- infuser (A11), accessible after opening the service door (A10);
- control panel (A1).




Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic coffee machines, you need not use chemical products to clean the machine. The descaler recommended by De'Longhi is made from natural and completely biodegradable substances.
- None of the components can be washed in a dishwasher.
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

15.2 Cleaning the machine's internal circuit

If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend switching it on and:


- performing 2/3 rinse cycles by pressing the  button (B3);
- delivering hot water by turning the hot water/steam dial (A20) to the **I** position.



Please note :

After cleaning, it is normal for the grounds container (A13) to contain water.

15.3 Cleaning the coffee grounds container

When the  light flashes, the coffee grounds container (A13) must be emptied and cleaned. Unless you clean the grounds container, the light will continue to flash and the appliance cannot be used to make coffee.

To clean (with the machine on):

- Remove the drip tray (A17) (fig. 27), empty and clean;
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom.
- Check the red condensate tray (A14) and empty if necessary.



Important!

When removing the drip tray, the grounds container **must** be emptied, even if it contains few grounds.

If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.

15.4 Cleaning the drip tray and condensate tray



Important!

If the drip tray (A17) is not emptied regularly, the water could overflow from the edge and seep inside or around the machine. This could damage the machine, the surface it rests on or the surrounding area.

The drip tray is fitted with a level indicator (A16) (red) showing the level of water it contains (fig. 28). Before the indicator pro-

trudes from the cup tray (A15), the drip tray must be emptied and cleaned.

To remove the drip tray:

1. Remove the drip tray and the grounds container (A13) (fig. 27);
2. Empty the drip tray and grounds container and wash them;
3. Check the condensate tray and empty if necessary;
4. Replace the drip tray and grounds container.

15.5 Cleaning the inside of the coffee machine



Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see section "7 Turning off") and unplugged from the mains power supply. Never immerse the coffee machine in water.

1. Check regularly (about once a month) that the inside of the appliance (accessible after removing the drip tray - A17) is not dirty. If necessary, remove coffee deposits with a sponge.
2. Remove all the residues with a vacuum cleaner (fig. 29).

15.6 Cleaning the water tank

Clean the water tank (A9) regularly (about once a month) with a damp cloth and a little mild washing up liquid.

15.7 Cleaning the coffee spouts

1. Clean the coffee spouts (A12) with a sponge or cloth (fig. 30A).
2. Check that the holes in the coffee spouts are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 30B).

15.8 Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel (A6) is not blocked. If necessary, remove coffee deposits.

15.9 Cleaning the infuser

The infuser (A11) must be cleaned at least once a month.



Important!

The infuser may not be extracted when the machine is on.

1. Make sure the machine is correctly turned off (see section "7 Turning off").
2. Remove the water tank (A9).
3. Open the infuser door (A10) (fig. 31) on the right side of the appliance;
4. Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 32);



Important!

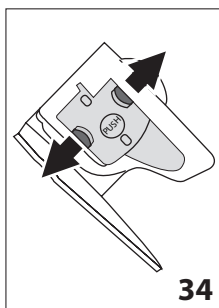
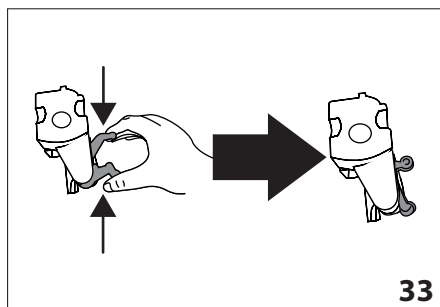
DO NOT USE WASHING UP LIQUID TO CLEAN THE INFUSER AS IT MAY DAMAGE IT.

5. Soak the infuser in water for about 5 minutes, then rinse under the tap;
6. Clean coffee residues from the support where the infuser rests;
7. After cleaning, replace the infuser by sliding it onto the internal support, then push the PUSH symbol fully in until it clicks into place;




Please note :

If the infuser is difficult to insert, before insertion, adapt it to the right size by pressing the two levers (fig. 33).



8. Once inserted, make sure the two coloured buttons have snapped out (fig. 34).
9. Close the infuser door;
10. Put the water tank back.

16. DESCALING

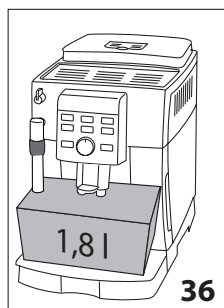
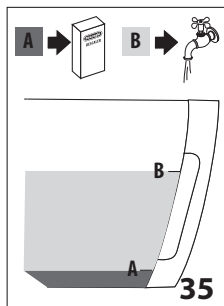
Descal the appliance when the  button (B3) on the control panel (B) flashes.



Important!

- Before use, read the instructions and the labelling on the descaler (C3) pack.
 - You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer's guarantee.
1. Turn the appliance on and wait until it is ready for use;
 2. Empty the drip tray (A17) and grounds container (A13) and put both back in the machine;

- Empty the water tank (A9) completely and remove the water softener filter (C4), if present;



- Pour the descaler (C3) into the tank up to level A (corresponding to a 100 ml pack) marked on the inner surface of the tank, then add a litre of water up to level B (fig. 35) and put the water tank back in the appliance;

- Place a container with a minimum capacity of 1.8 litres under the cappuccino maker (A18) and coffee spouts (A12) (fig. 36);
- Wait for the coffee lights to come on steadily;
- Press and hold the button (B3) for at least 5 seconds to con-

firm that you have added the solution and begin the descaling procedure. The light on the button comes on steadily to indicate that the descaling programme has begun;

- The light (B4) flashes to indicate the hot water/steam dial (A20) must be turned to the I position;



Important! Danger of burns

Hot water containing acid flows from the cappuccino maker and coffee spouts. Take care to avoid contact with splashes of this solution.

- When the dial has been turned to the I position, the descale programme starts and the descaler liquid comes out of the cappuccino maker and coffee spouts. A series of rinses and pauses are performed automatically to remove all the scale residues inside the coffee machine;

After about 25 minutes, descaling stops and the light flashes on the control panel. Turn the hot water/steam dial to the 0 position;

- The appliance is now ready for rinsing through with clean water. Empty the container used to collect the descaler solution. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance: the light flashes;
- Place the container used to collect the descaler solution empty under the cappuccino maker and coffee spouts (fig. 36);

- Turn the hot water/steam dial to the I position to begin rinsing. Hot water is delivered first from the cappuccino maker, to continue and end with the coffee spout.
- When the water tank is completely empty, the light flashes on the control panel. Turn the hot water/steam dial to the 0 position;
- Empty the container used to collect the rinsing water. Remove the water tank, replace the water softener filter (if removed previously), fill the tank up to the MAX level with cold water and insert in the appliance. The light flashes;
- Place the container used to collect the rinsing water empty under the cappuccino maker;
- Turn the hot water/steam dial to the I position. Rinsing continues from the cappuccino maker only;
- When it finishes, the light flashes on the control panel. Turn the hot water/steam dial to the 0 position;
- Top up the water tank with fresh water to the MAX level and put back in the machine.

Descaling is complete.



Please note :

- If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle;
- After descaling, it is normal for the grounds container (A13) to contain water.

17. SETTING WATER HARDNESS

Descaling is necessary after a period of operation established according to the water hardness set.

The machine is set by default for a hardness value of 4. The machine can also be programmed according to the hardness of the mains water in the various regions so that the machine needs to be descaled less often.

17.1 Measuring water hardness

- Remove the "TOTAL HARDNESS TEST" indicator paper (C1) from its pack (attached to the English instructions).
- Immerse the paper completely in a glass of water for one second.
- Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to one level.

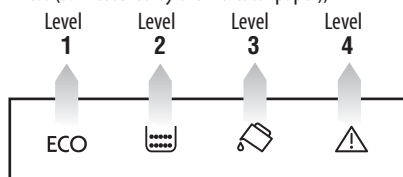
Level 1

Level 2



17.2 Setting water hardness

1. Make sure the appliance is off (but connected to the mains electricity supply and with the main switch (A8) in the I position);
2. Press and hold the (B3) button (B3) for at least 6 seconds. The and lights come on together;
3. Press the button (B5) to set the actual water hardness (as measured by the indicator paper);



4. Press the button (B7) to confirm the selection. The machine is now reprogrammed with the new water hardness setting.

20. EXPLANATION OF LIGHTS

LIGHT	POSSIBLE CAUSE	SOLUTION
 FLASHING	Insufficient water in the tank (A9).	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place.
 	The tank (A9) is not correctly in place.	Insert the tank correctly and press as far as it will go.
 FLASHING	The grounds container (A13) is full.	Empty the grounds container and drip tray (A17), clean and replace. Important: when removing the drip tray, the grounds container MUST be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.
 	After cleaning, the grounds container (A13) has not been replaced.	Remove the drip tray (A17) and insert the grounds container.
 FLASHING	The «pre-ground coffee» function has been selected without placing any pre-ground coffee in the funnel (A6).	Place pre-ground coffee in the funnel or deselect the “pre-ground” function.








18. TECHNICAL DATA

Voltage: 220-240 V ~ 50/60 Hz max. 10 A
 Power: 1450 W
 Pressure: 1,5 MPa (15 bar)
 Water tank capacity: 1,8 l
 Size LxDxH: 240x430x350 mm
 Cord length: 1150 mm
 Weight: 8,9 Kg
 Beans container capacity: 250 g

This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into contact with food.

19. DISPOSAL


The appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

 <p>FLASHING</p>	<p>The grinding is too fine and the coffee is delivered too slowly or not at all.</p>	<p>Repeat coffee delivery and turn the grinding adjustment dial (A2, fig. 14) one click clockwise towards «7» while the coffee mill is in operation. If after making at least 2 coffees delivery is still too slow, repeat the correction procedure, turning the Grinding adjustment dial another click until delivery is correct (see the section: «11.3 Adjusting the coffee mill»). If the problem persists, turn the steam dial to the I position and deliver a little water from the cappuccino maker (A18).</p>
 <p>RED AND WHITE ALTERNATE FLASHING</p>	<p>The machine must be descaled.</p>	<p>The descaling procedure described in section «16. Descaling» section needs to be performed as soon as possible.</p>
 <p>FLASHING</p>	<p>Too much coffee has been used.</p>	<p>Select a milder taste or reduce the quantity of pre-ground coffee, then make the coffee again.</p>
 <p>FLASHING</p>	<p>The coffee beans have run out.</p>	<p>Fill the beans container (A7).</p>
	<p>The pre-ground coffee funnel (A6) is clogged.</p>	<p>Empty the funnel with the help of a knife, as described in the section «15.8 Cleaning the pre-ground coffee funnel».</p>
 <p>FLASHING</p>	<p>The infuser has not been replaced after cleaning (A11).</p>	<p>Insert the infuser as described in the section «15.9 Cleaning the infuser».</p>
	<p>The inside of the appliance is very dirty.</p>	<p>Clean the inside of the appliance thoroughly, as described in the section «15 Cleaning». If the message is still displayed after cleaning, contact a service centre.</p>
 <p>FLASHING</p>	<p>Indicates the hot water/steam dial must be turned (A20).</p>	<p>Turn the hot water/steam dial.</p>

21. TROUBLESHOOTING

Below is a list of some of the possible malfunctions.

If the problem cannot be resolved as described, contact Customer Services.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The coffee is not hot.	The cups were not preheated.	Warm the cups by rinsing them with hot water. Please note: the hot water or rinse function can be used.
	The internal circuits of the appliance have cooled down because 2/3 minutes have elapsed since the last coffee was made.	Before making coffee, press the  /rinse button (B3).
The coffee is weak or not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment dial (A2) one click anticlockwise towards «1» while the coffee mill is in operation (fig. 14). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section «11.3 Adjusting the coffee mill»).
	The coffee is unsuitable.	Use pre-ground coffee for espresso machines.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment dial (A2) one click clockwise towards «7» while the coffee mill is in operation (fig. 14). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section «11.3 Adjusting the coffee mill»).
Coffee does not come out of one or both of the spouts.	The coffee spouts (A12) are blocked.	Clean the spouts with a toothpick.
The frothed milk has large bubbles	The milk is not cold enough or is not semi-skimmed.	You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is not as you wished, try changing brand of milk.
The milk is not frothed	The cappuccino maker (A18) is dirty.	Clean as described in the section «13.2 Cleaning the cappuccino maker after use».
Steam delivery stops	A safety device stops steam delivery after 3 minutes.	Wait a few minutes and then enable the steam function again.
The appliance does not come on	It is not plugged into the mains socket.	Plug into the mains socket (fig. 3).
	The main switch (A8) is not turned on.	Press the main switch into the I position (fig. 4).

22. 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.

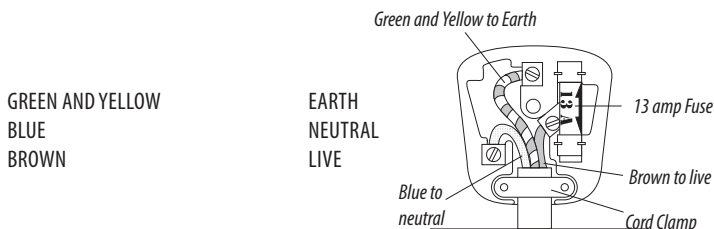
The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity.

Should this plug not fit the socket outlets in your home, it should be cut off and replaced with a suitable plug, following the procedure 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: We recommend the use of good quality plugs and wall sockets that can be switched off when the machine is not in use.

IMPORTANT: The wires in the mains lead fitted to this appliance are coloured in accordance with the following code:



As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals 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



★若有任何需求请与下述地址联系:

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