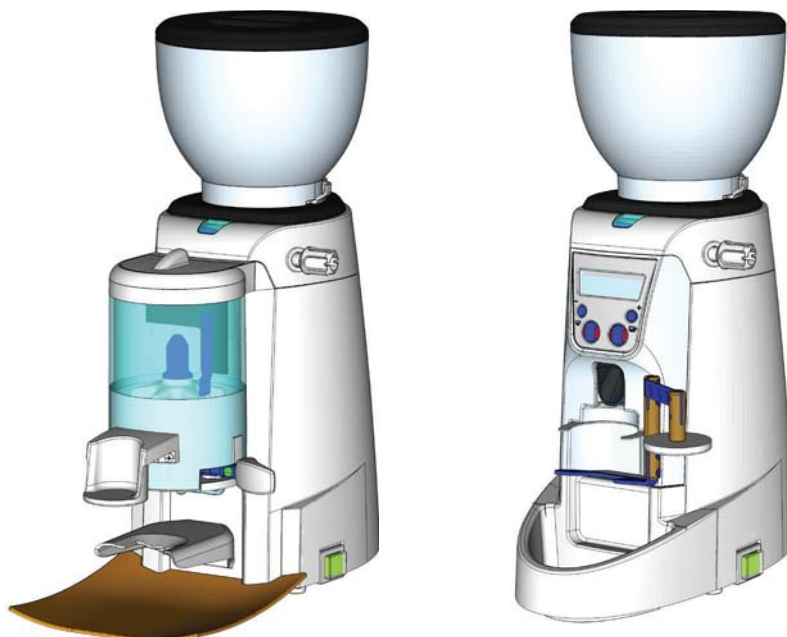




Enea - Enea OD USA

USE AND INSTALLATION

Translation of the original instructions



Code 968-052-020 (rev. 1837)



An updated, electronic version of the manual can be accessed from the website shown at the bottom of the page, using the credentials below.



<https://order.gruppocimbali.com/explorer/spareparts/page/login>

User ID: guest
PW: Entr@nc3



Please sign in

Index

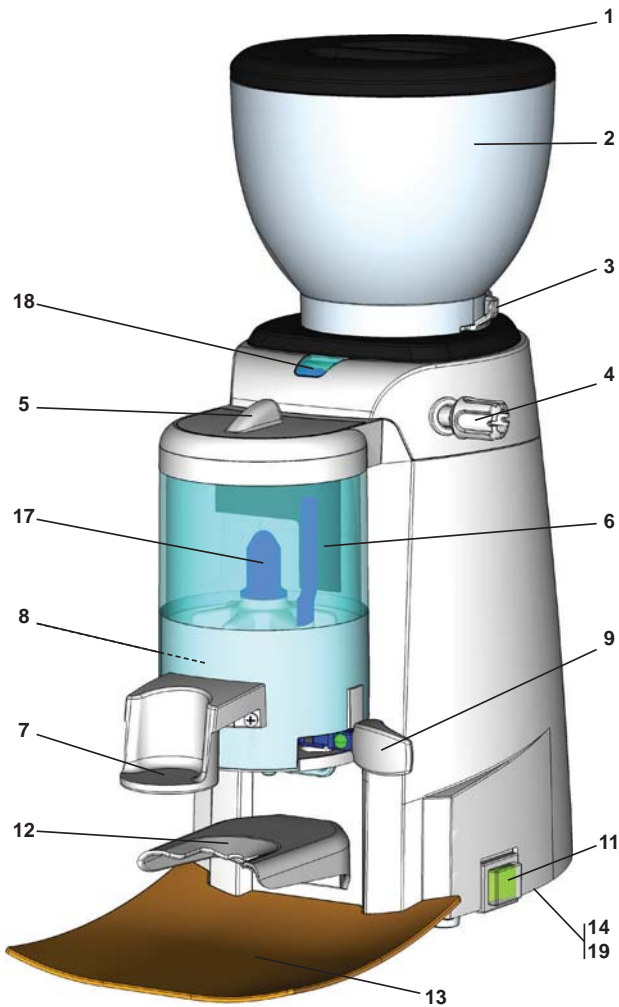
	Page
Description	2
1. General Rules	4
2.1 Transport and handling	5
2.2 Installation Rules	6
3. Electrical Installation Rules	6
4. Equipotential Connection	6
5. Positioning the hopper	7
6. Caution	7
7. Maintenance and Repairs	8

USE

9. Daily Switch-On	9
10. Regulating the grind	10
11. Ground Coffee	11
12. Regulation of the ground coffee dose	12
13. Cleaning Operations	13
14. Malfunctions – Faults	14
15. Check-control messages	14

Description

Enea

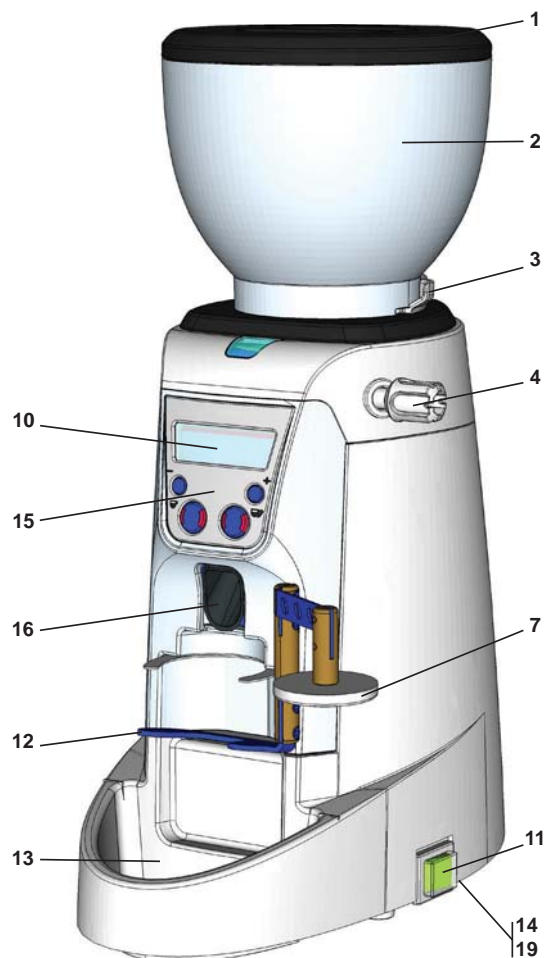


Kg 10,2
Pounds 23

LEGEND

- 1 Receptacle lid
- 2 Coffee beans receptacle
- 3 Receptacle door
- 4 Machine adjustment screw
- 5 Coffee distributor lid
- 6 Ground coffee distributor
- 7 Coffee tamper
- 8 Mechanical stroke counter
- 9 Ground coffee distribution lever
- 10 Display
- 11 On-off switch / ON indicator light
- 12 Filter basket bracket
- 13 Ground coffee collection tray
- 14 Data label
- 15 Pushbutton Panel
- 16 Ground coffee chute
- 17 Dosage regulation screw
- 18 Grinding reference indicator light
- 19 Unipotential terminal

Enea On Demand



Kg 9,5
Pounds 21

Symbols



Generic warning



WARNING: Electrical Hazard



WARNING: Trapping Hazard, Take Care with Hands



Environmental protection



These pages of the manual are for the use of the worker operating the machine.



These pages in the manual are to be used by qualified, authorized technical staff.



1. General Rules



**Please read the warnings and rules in this User's Manual carefully before using or handling the machine in any way because they provide important information regarding safety and hygiene when operating the machine.
Keep this booklet handy for easy reference.**

- This appliance is used for grinding coffee beans and dosing the ground coffee for espresso coffee machines. Any other use is considered irregular.
- The appliance must be installed in a place where it is only used by carefully trained staff that knows the risks tied to using the appliance.
- The appliance is for professional use only.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children shall not play with the appliance.
Cleaning and user maintenance shall not be made by children without supervision.
Use by minors, with or without adult supervision, must not contravene local employment laws.
- Never leave the appliance unattended while it is in use.
- The appliance must not be used outdoors.
- Do not expose the appliance to atmospheric agents (rain, sun, and cold).
- Do not clean the appliance with jets of water.
- Noise: assessed acoustic pressure level: 72 dB, uncertainty KpA: 2,5 dB.
- If the power-supply cord is damaged, it can only be replaced by qualified and authorized technicians.
- If the appliance is used improperly or for purposes other than those described above, it can be a source of danger. The manufacturer will not be held responsible for damages caused by improper use of the appliance.

**WARNING**

Installation, dismantling, and adjustments must only be performed by qualified and authorized technicians.

Carefully read the warnings and rules in this manual because they provide important information regarding safe installation, use and maintenance of the machine.

Keep this booklet handy for easy reference.

2.1 Transport and handling

Packaging

- The appliance is delivered in a robust cardboard package, with appropriate internal protection. The package features the standard symbols indicating rules to be followed when handling and storing the machine.
- Transport must be carried out according to the instructions on the package, handling with appropriate caution and avoiding impact of any type.
- Do not expose the machine to atmospheric agents (rain, sun, and cold).

Checks on receipt

- On receipt of the appliance, carefully check all transport documentation is correct (against label on package).
- Check that the original packaging is not damaged.
- After removing the appliance from its packing materials, make sure that the appliance and its safety devices are intact.
- Packing materials (plastic bags, polystyrene foam, staples, etc.) must be kept out of the reach of children because they are potentially hazardous.

Advice for disposal of packaging



The packaging materials are eco-compatible and recyclable. For the protection of the environment they must not be dumped, but taken to a recovery / waste-disposal centre, according to local regulations.

Handling



Staff responsible for moving the machine must realize the risks in moving heavy loads.

Move the machine carefully, using, where possible, the correct lifting equipment (fork lift, for example).

If moving the machine by hand, make sure:

- enough people are available for the task, depending on the machine weight and difficult handling;
- to always use the necessary safety gear (shoes/gloves).



2.2 Installation Rules

- Before plugging in the machine, make sure that the information on the nameplate (voltage, etc.) matches that of the electrical.
- Check the condition of the power supply cord; if it is damaged it must be replaced.
- Completely unwind the power-supply cable.
- The machine should sit on a flat and stable surface.
- Room temperature must range between 50° and 90°F (10°C and 32°C).
- An electrical outlet must be in the immediate vicinity.
- Do not install in rooms (kitchens) that are cleaned with jets of water.
- Do not obstruct openings or ventilation and heat vents.
- Do not install the machine outdoors.
- Do not install or use the appliance in potentially explosive environments.
- Do not install the appliance in the presence of flammable substances.



3. Electrical Installation Rules

Prior to installation, make sure there is a circuit breaker installed with a distance between the contacts that allows for complete disconnection when there is a category III overload and that provides protection against current leakage equal to 30 mA. The circuit breaker must be installed on the power supply in compliance with installation rules.

The electrical safety of this machine is only ensured when it is correctly connected to an efficient earthing system in compliance with the electrical safety laws in force. This fundamental safety requirement must be verified. If in doubt, request that a qualified electrician inspect the system. The manufacturer cannot be held responsible for any damage caused by the lack of an earthing system on the electrical supply.

Do not use adaptors, multiple plugs, and/or extension cords.

Check that the type of connection and voltage correspond with the information on the nameplate.

4. Equipotential Connection

This type of connection, required by some laws, prevents differences in the electric potential level between the earthing connections of equipment installed in the same room.

This machine is provided with a clamp underneath the base for connection to an external equipotential cable.

After installation, this type of connection **MUST** be made:

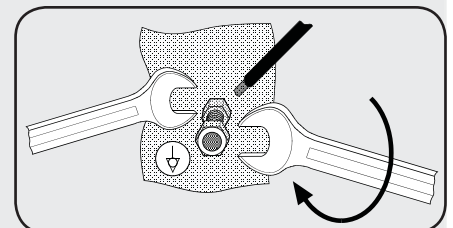
- Use a cable with a nominal section in compliance with the laws in force.
- Connect one end of the cable to the clamp and the other end to the earthing of adjacent equipment.

Failure to follow this safety norm releases the manufacturer from any responsibility for machine breakdowns or damage to people or property.

NOTE: DO NOT CONNECT TO THE POWER SUPPLY EARTHING BECAUSE IT IS NOT CONSIDERED AN EQUIPOTENTIAL CABLE CONNECTION.



Bear in mind that Gruppo Cimbali S.p.A. is not responsible for damage caused by improper electrical connections, and that the installer is responsible for any damage.





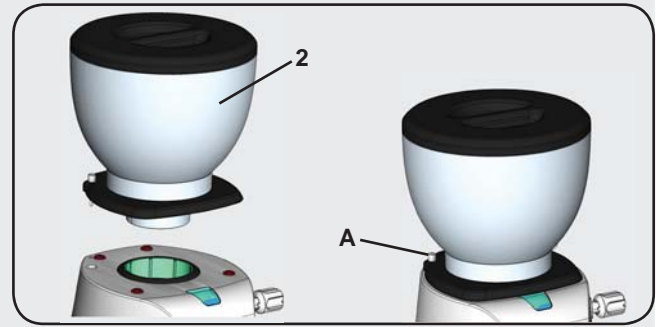
5. Positioning the hopper

This chapter in the manual is to be used by qualified, authorized technical staff.

After removing the packing materials, place the receptacle (2) on the grinder and fasten it using the ring nut (A).



The grinder only works when the ring nut (A) has been completely tightened.



6. Caution

GENERAL

The manufacturer disclaims all liability for damages to items or persons due to improper use or due to the appliance being used for purposes other than its intended use.

Do not operate the appliance with wet hands or bare feet.

Ensure that the appliance is not used by children or persons who have not been instructed in its correct use.

THERMAL PROTECTOR

The thermal protector cuts in if the motor gets overheated due to malfunction.

Allow the appliance to cool down before switching it on again.

If the problem is repeated, call the authorized servicing department.

COFFEE STORAGE

Always use fresh coffee beans and store in jars or waterproof, sealed bags. Keep away from light sources and store in a cool, dry place.

Try to use up all the coffee in the doser at the end of the working day since it can lose its aroma and spoil.



MACHINE CLOSE-DOWN

When the machine is left unattended for a prolonged period (for example out of hours), carry out the following steps:

- **Remove the plug or turn off the main switch;**
- **Empty the coffee beans receptacle and the ground coffee doser;**
- **Clean as indicated in the dedicated chapter.**

Non-compliance with these safety measures exonerates the manufacturer from all liability for malfunctions, damage to property and/or injury to persons.



7. Maintenance and Repairs

If the machine is not working properly, turn off the machine, turn off the main off-on switch, and call the service centre.

If the power-supply cord is damaged, switch off the machine and request a replacement from the service center.



To ensure safety during operation, it is absolutely necessary to:

- **follow all the manufacturer's instructions;**
- **have qualified and authorized technicians periodically check that all safety devices are intact and functioning properly (the first inspection within three years of purchase and every year after that).**



WARNING

Maintenance by unqualified people can jeopardize the safety and conformity of the machine.

Only use qualified, authorized technicians for repairs.

WARNING

Only use original spare parts guaranteed by the manufacturer.

If original spare parts are not used, the manufacturer warranty will no longer be valid.

8. Dismantling the machine

Electrical equipment cannot be disposed of as ordinary urban waste.

To protect the environment, please proceed in compliance with the local laws in force.



Suitable differentiated waste disposal so that the machine can then be recycled, treated and disposed of in an environmentally friendly manner contributes to avoiding possible negative effects on the environment and health, and encourages the reuse and/or recycling of the materials from which the machine is made.

Improper disposal of electric equipment that fails to respect the laws in force will be subject to administrative fines and penal sanctions.



USE

9. Daily Switch-On

Preliminary operations

Check that the coffee beans receptacle (2) is correctly positioned on the grinder-doser. Lift the lid (1) and fill with coffee beans. Check that the gate (3) is open, pulling it towards the outside.



The grinder only works when the ring nut (A) has been completely tightened.

WARNING: this appliance is provided with delayed "ON/OFF" automatic device

Switching on – general instructions



"Ensure that the mains switch is on before switching on the appliance."

Automatic Grinder-Doser

Turn the appliance on by turning switch (11) to "1".

This appliance has an automatic cut-off switch that intervenes every time the doser (6) has sufficient ground coffee. If switch (11) is left on position "1" the grinder-doser will start automatically every time the level of ground coffee needs to be filled up.

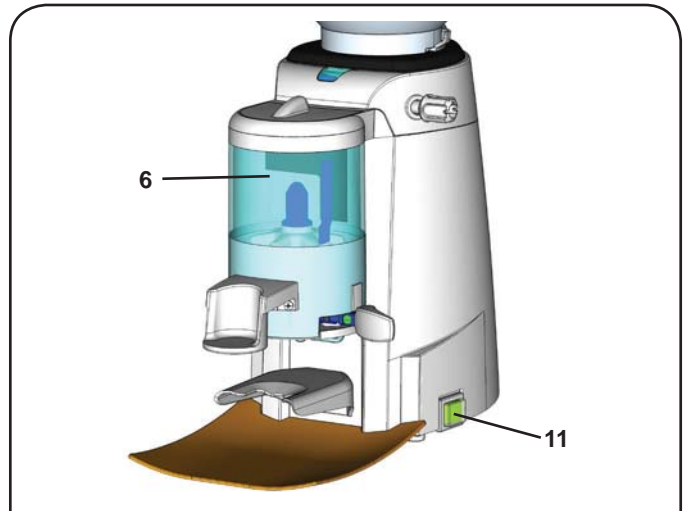
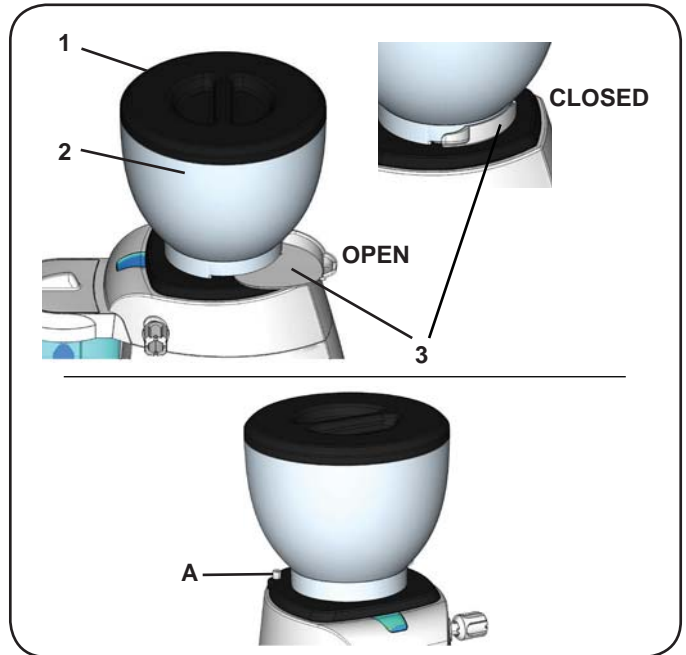
At the end of the working day, switch off the appliance by turning the general switch (11) to "0".

On Demand Grinder-Doser

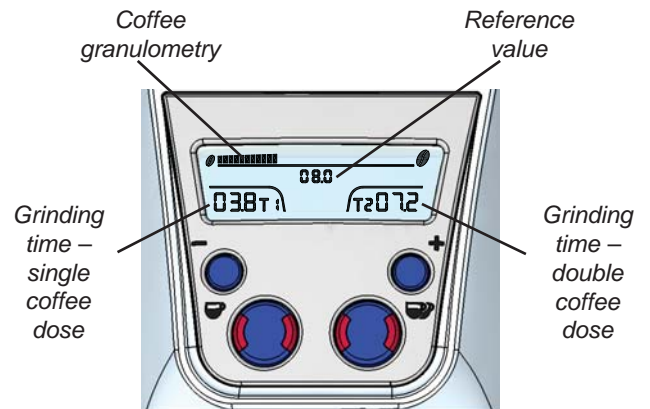
Turn the appliance on by turning switch (11) to "1".

In the On Demand version, when the grinder has been switched on, the display (10) shows the time set for the coffee dose (single and double) and a bar indicates the coffee granulometry with related reference value.

At the end of the working day, switch off the appliance by turning the general switch (11) to "0".



ON DEMAND VERSION





10. Regulating the grind

Note. These operations must be performed with the appliance off.

Automatic Grinder-Doser

The machine may be adjusted for different grindings (from fine to coarse) via a screw (4) as shown on the graded indicator (18).

On Demand Grinder-Doser

Automatic dose adjustment system.

With each adjustment of the grinders, the grinding time for the coffee doses is automatically adjusted according to the selected granulometry.

In the On Demand version, adjust the screw (4) on the grinder for different types of coffee grounds (fine or coarse). Variations are shown on the display screen as follows:

- *Fine grounds* › short granulometry bar, low reference value;
- *Coarse grounds* › long granulometry bar, high reference value.

If the coffee is dispensed too slowly, the grind of the coffee beans is too fine. Turn the ring nut (4) anticlockwise to obtain a coarser grind (the numbers on the indicator increase: 2 - 3 - 4 - ...).

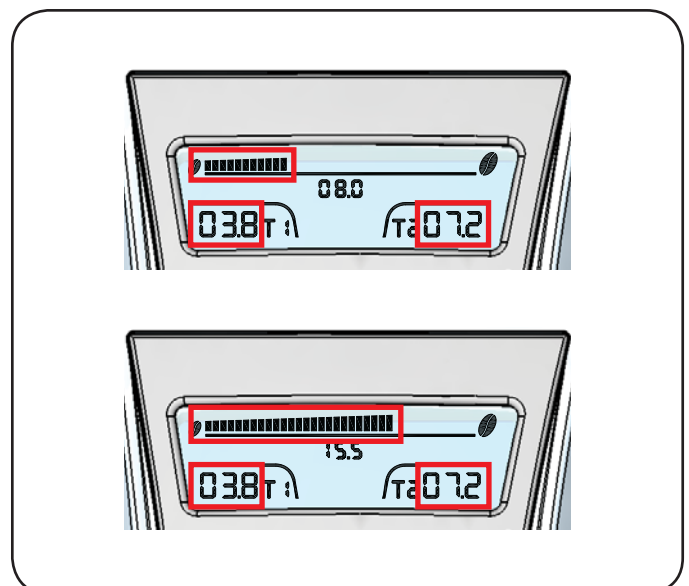
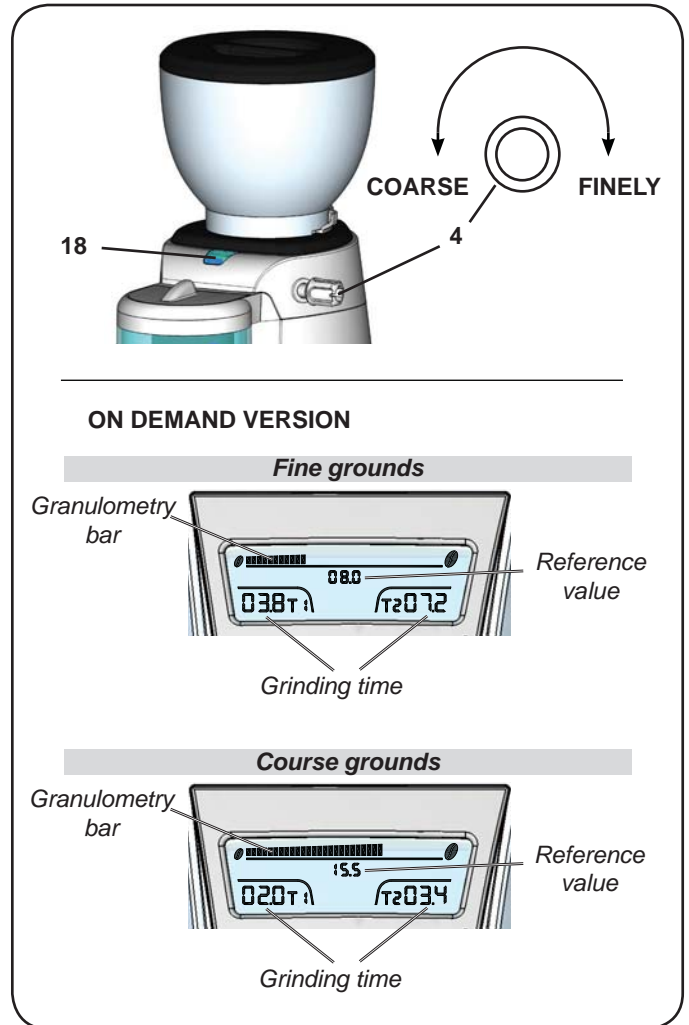
If the coffee is dispensed too quickly, the grind of the coffee beans is too coarse. Turn the ring nut (4) clockwise to obtain a finer grind (the numbers on the ring nut decrease: 4 - 3 - 2 - ...).



When the "Dose Adjustment" function is NOT enabled.

Activation and configuration of the function is carried out by technical staff.

The grinding time of the coffee doses remains unchanged with each grinder adjustment.





11. Ground Coffee

Automatic Grinder-Doser

Position the coffee machine filter basket on the bracket (12) and push home.

Pull the ground coffee distribution lever (9) to obtain one coffee dose (if a one-dose conic filter is used) and let the lever return automatically to its original position.

Obtain two doses of coffee if a double filter is used.

Position the filter basket under the tamper (7) and press the coffee.

On Demand Grinder-Doser

Position the coffee machine filter holder on the fork (12) in correspondence with the ground coffee chute (16).

Press one of the keys ☕ (single dose or double dose) ☕; The grinder will start working for the set grinding time.

The ground coffee slides down the chute (16) the icon of the selected dose (single ☕ or double ☕) appears on the display (10) and the set grinding time decreases to 0 (zero) at the end of the process.

Grinding can be interrupted at any time by pressing the previously enabled dose key again.



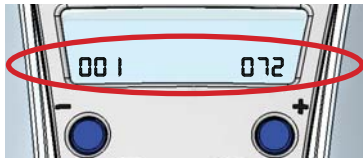
DO NOT insert any object inside the coffee chute (16).

When positioning the filter holder and during daily operations, pay close attention to the metal support forks indicated in the figure (B).

Counters (ON DEMAND version)

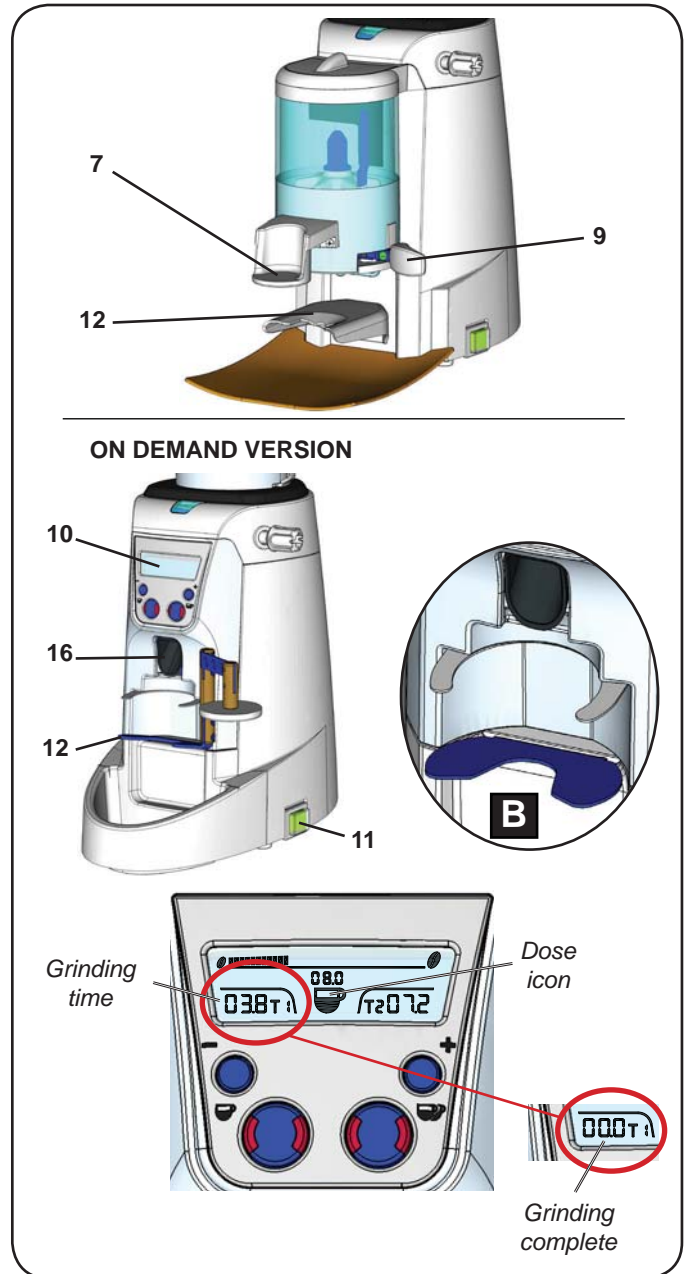
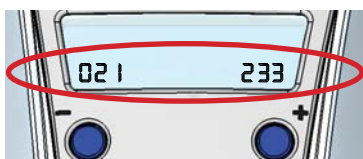
• Single dose counter

Use the general off/on switch (11) to turn on the grinder. Press and hold down the button ☐; the number of single doses dispensed will appear on the display (10):



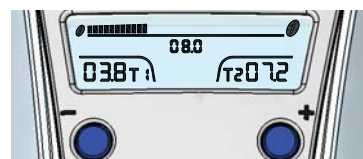
• Double dose counter

Use the general off/on switch (11) to turn on the grinder. Press and hold down the button ☐; The number of double doses dispensed will appear on the display (10):



English

When the button is released (☐ or ☐), the normal work screen will appear:





12. Regulation of the ground coffee dose

Automatic Grinder-Doser

To regulate the ground coffee doses for each withdrawal, after lifting the lid (5) of the coffee distributor, turn the dose regulating screw (17).

To increase the amount of ground coffee turn anti-clockwise.

To decrease the amount of ground coffee turn clockwise.

On Demand Grinder-Doser

Automatic Dose Adjustment

This function is set in the factory and allows doses to be adjusted automatically.

A different adjustment cannot be applied to each key but will be universal with a value between 0.1% and 10%. The default value will be 3.5%.

Manual Dose Adjustment

Follow these steps to increase or decrease the ground coffee dose:

Single Dose

1. Press and hold down the key ;
2. After a few seconds, the programming icon will appear on the display (10).
3. Change the grinding time using the or keys (in the range 1.0"–30.0");
4. Press the key to confirm the new time.

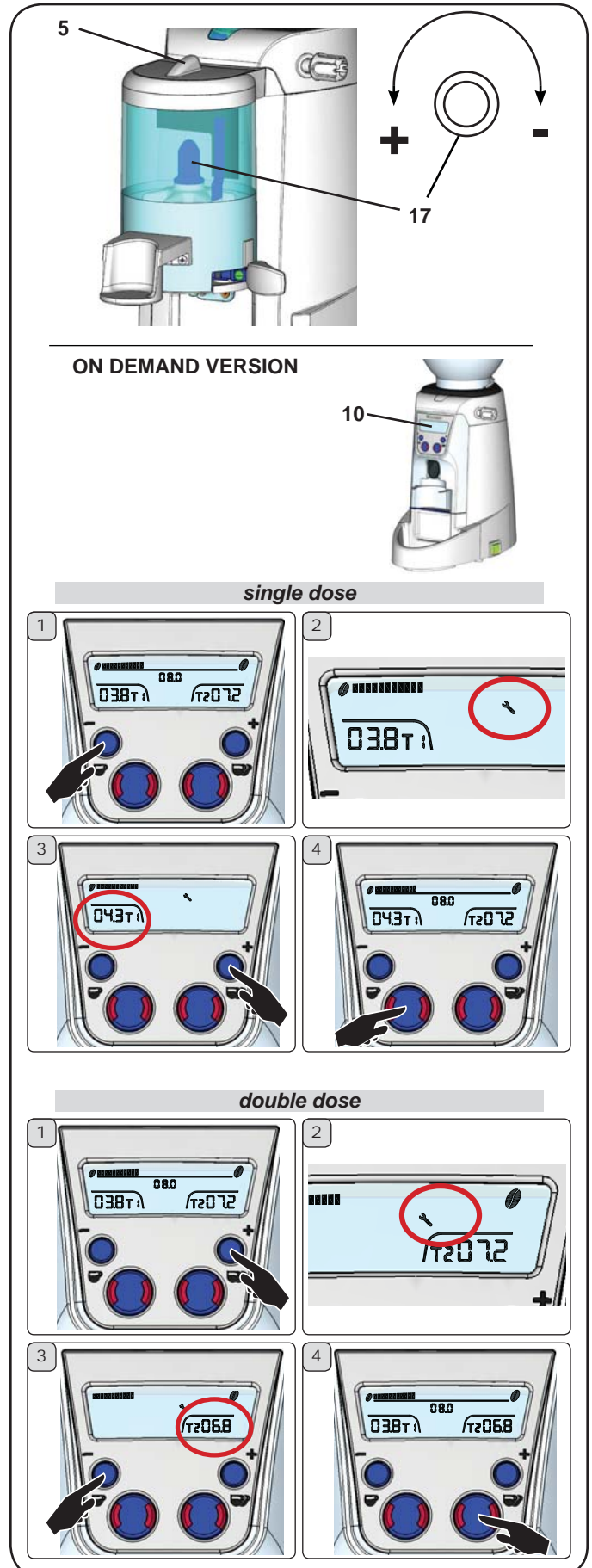
Double Dose

Follow these steps to increase or decrease the double coffee dose:

1. Press and hold down the key ;
2. After a few seconds, the programming icon will appear on the display (10).
3. Change the grinding time using the or keys (in the range 1.0"–30.0");
4. Press the key to confirm the new time.

Manual operation

The grinder can also work in continuous or manual mode. For this purpose, press and hold down one of the keys (single or double dose); The grinder will start grinding and continue until the key (or) is pressed again.





13. Cleaning Operations



For correct application of the food safety system (HACCP), please follow the instructions in this paragraph.

General

To be performed at the end of the working day.

The grinder-doser should be cleaned periodically, with special attention given to those areas that come into contact with the coffee.

To clean, follow these procedures:



Always switch off the appliance at switch (11) and cut off from the mains via the omnipolar switch.

Do not immerse the appliance in water.

Cleaning the coffee beans receptacle (2)

Close the gate (3) by pushing it towards the inside; Unscrew the ring nut (A) and detach the receptacle (2) from the grinder. Remove any remaining coffee from the coffee beans receptacle (2); wash it (removing any organic residue) with a damp cloth using methods and detergents suitable to objects that come into contact with foodstuffs. Rinse thoroughly and dry.

Before replacing the coffee beans receptacle (2) on the grinder-doser, ensure that all the parts have been dried thoroughly.

Cleaning the Ground Coffee Doser (6) (Automatic version only)

To clean the doser (6), first remove all the ground coffee and remove the lid (5). Using a brush, clean the inside surfaces and the dosing star, rotating it. Remove any organic residue.

Store the brush in a sheltered place and use it exclusively for cleaning the grinder-doser in order to prevent it from being contaminated by foreign substances.



Do not clean the doser or its parts with liquids or damp cloths.



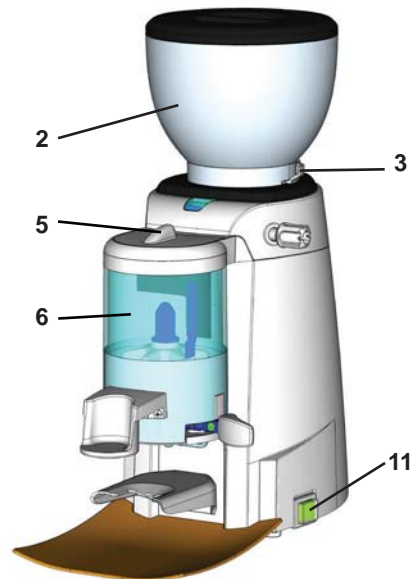
GRINDER ON DEMAND

When cleaning, pay close attention to the metal support forks indicated in the figure (B).

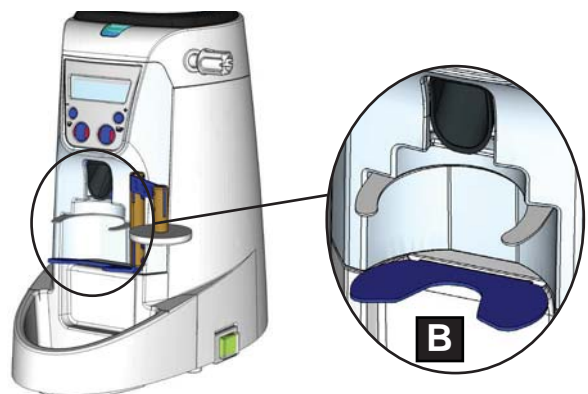
Bodywork

Clean the bodywork of the appliance with a soft cloth and use products that DO NOT contain ammonia or abrasive substances. Remove any organic residue.

Note. Do not spray liquids inside the openings of the appliance.



ON DEMAND VERSION





14. Malfunctions – Faults

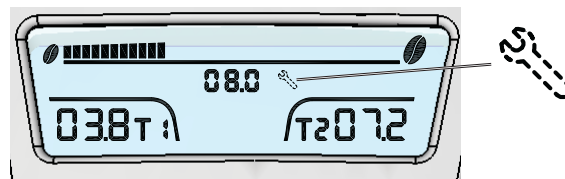
Direct intervention by the customer

In order to avoid unnecessary costs, ensure that the problem occurring in the machine is not included in the following table before calling the servicing department.


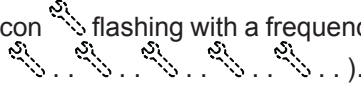
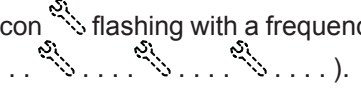
DEFECT	CAUSE	REMEDY
The appliance does not function and the indicator light ON (11) is off.	No electricity.	Check that the electricity is on. Check the position of the mains switch (11).
The appliance does not work and the indicator light ON (11) is on.	Thermal protector has cut in.	Wait until the appliance has cooled down.
The appliance functions correctly but ground coffee is not dispensed.	Coffee beans receptacle gate (3) closed	Pull the gate (3) towards the outside to open the passage of the coffee to the grinder.

15. Check-control messages

Direct intervention by the technical Service



key icon technical service

DEFECT	CAUSE	REMEDY
Carry out maintenance	After a certain number of cycles the technical key icon  appears on the display on steady.	Contact the technical service centre as soon as possible.
FLASH memory malfunction	CPU board malfunction. CPU board fault. The fault is indicated by the technical key icon  flashing with a frequency of 2Hz (.....).	The anomaly does not block the grinder/dispenser but the integrity of the stored data is not guaranteed. Consequently all stored parameters could be corrupt or restored to factory settings. If, after restarting multiple times, the problem persists, contact the technical service centre.
Data integrity error in non-volatile memory	Data integrity error whilst loading the non-volatile memory during start-up. The fault is indicated by the technical key icon  flashing with a frequency of 1Hz (.....).	The anomaly does not block the grinder/dispenser. However, normal operation is not guaranteed, as all stored parameters could be corrupt or restored to factory settings. If, after restarting multiple times, the problem persists, contact the technical service centre.

This page is intentionally left blank

GRUPPO CIMBALI S.p.A.
Via A. Manzoni, 17
20082 Binasco
(MI) Italy

GRUPPO CIMBALI reserves the right to make changes to the machines in accordance with the needs of individual countries and on the basis of technological progresses.

This publication may not, either in whole or in part, be used, copied or published without the written authorisation of GRUPPO CIMBALI S.p.A.

© Copyright by GRUPPO CIMBALI S.p.A., Milan, Italy

All rights reserved

The Manufacturer reserves the right to modify the appliances presented in this publication without notice

GRUPPO CIMBALI SpA - 20082 BINASCO (MILANO) ITALY



CERT. NR. 50 100 3685 / 10877 / 11721