
OPERATING AND MAINTANANCE INSTRUCTIONS

FILTRO

Auto-Fill Jug, Flask & Mini-Flask Versions

- P/N: (Jug) 1000617 ; (Flask) 1000618;
 - (Jug - Dual Hot plate) 1000619; (Mini-flask) 1000622
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INTRODUCTION

The information provided in this manual is intended to assist in the installation and maintenance of the Auto-Fill Filtró Filter coffee Brewer. Please read the instructions carefully to prevent accidents and ensure an efficient installation.

This manual is not a substitute for any safety instructions or technical data affixed to the machine or its packaging. All information in this manual is current at the time of publication and is subject to change without notice.

Only technicians or authorised service providers should carry out maintenance of these machines.

The company accepts no responsibility for any damage or injury caused by incorrect or unreasonable installation and operation.

SAFETY INSTRUCTIONS

- Read and keep these instructions.
- To protect against electric shock do not immerse mains cord in water or other liquid.
- To prevent chafing of the cable, do not let the mains cord hang over the edge of a table or counter; or touch hot surfaces.
- Do not operate any product with a damaged cord, plugs, or after the machine malfunctions or has been damaged in any manner. If the supply cord is damaged, it must be replaced by the manufacturer or approved service agent in order to avoid a hazard.
- Switch off at the mains (unplug or disconnect from outlet). Allow to cool before removing components.
- The use of non-approved spares and/or accessories may cause damage and/or injuries.
- Do not use outdoors.
- Do not use the product for anything other than its intended use.
- Keep the outside of the coffee maker clean and dry at all times.

DURING OPERATION

- ! **Allow time for all the coffee to drain from the filter bowl before removing.**
- ! **Protect the controls against grease and dirt.**
- ! **Never use warm or hot water to fill the machine.**
- ! **Risk of scalding. Beware of removing the filter basket/jug/flask when the brewer is in operation. ALL users of this machine should be trained and should be aware that the machine dispenses very hot beverages.**
- ! **Do not place an empty glass jug on a hotplate when it is switched on except immediately before brewing.**

TECHNICAL DETAILS

Model	Auto-Fill Jug	Auto-Fill Flask
	1000617	1000618
Supply voltage	230V	230V
Frequency	50Hz	50Hz
Power	2400W	2200W
Dimensions	220x385x460 [WxDxH] mm	220x385x615 [WxDxH] mm
Empty Weight	6.8kg	7.8kg
Capacity (per hr)	18L	18L
Brew time	5 min	6.5 min
Brew capacity	1.8L	2.2L

INSTALLATION

ELECTRICAL

- Electrical specification: 230Vac. 50Hz.
- This machine must be connected to a fused 13A single-phase power supply.
- This machine is provided with a 3-pin plug and must be connected to an earthed supply.

PLUMBING

- Mains water pressure required (limits): 5-50psi (35-345kPa)
- Fit a stop Valve on a cold water line and attach a 3/4" BSP male fitting, (e.g. 3/4" x 1/2" 311 or washing machine type stop valve).
- Connect straight tailpiece of the inlet hose to the stop valve fitting. Make sure that the pre-attached sealing washer is fitted.
- Turn on the water to flush any impurities, dust etc from the inlet hose and water pipe. Allow several gallons through.
- Connect right-angled tailpiece of the hose to the inlet valve of the boiler (again 3/4" BSP). Make sure the sealing washer is fitted here also.
- Turn on water and check for leaks.

LOCATION

- Position the brewer at buffet height on a firm level base that can bear the weight of the machine when it is filled.
- Position the brewer level and in such a way that it cannot cause any damage if it leaks.
- Position the brewer within 1.5 metres from a suitable power socket and mains water supply.

OPERATION

PRIMING

This machine is self priming once it is connected to a mains water supply and turned on. N.B. An amount of water will always remain in the machine and this should be considered when moving the machine or leaving the machine unused for long periods.

BREWING COFFEE

- Use fine grain coffee which has been ground for use with filter brewers.
- Keep the jugs/flasks and basket filter clean
- Put the correct amount of ground coffee into the filter paper. Your coffee supply company may have pack sizes to suit the brews of your new brewer; if not, as an approximate guide for your first brews:

	Glass Jug	Flask
Water Volume	1.8L	2.2L
Coffee	65-90 grams	75-110 grams

- Level off the surface of coffee by gently shaking the filter bowl. Slide the coffee filter bowl into the guide rails and push fully home.
- Plug the machine into the power supply and switch on the power button – the left rocker switch on the front panel - the ‘Brew Ready’ LED will illuminate Green.
- To initiate a brew, press the ‘Brew’ rocker switch – the right rocker switch on the front panel.
- The ‘Brew Ready’ LED will now turn Off and the ‘Brewing’ LED will flash Red whilst fresh water is taken into the tank.
- When the water tank is full, the ‘Brewing’ LED will stay lit Red and the heater will switch on.
- At the end of the process the ‘Brew Ready’ light will stay illuminated red for 2 minutes to allow for adequate ‘drip time’ from the brew basket.
- At the end of 2 minutes the buzzer will sound (2 short pulses) and the ‘Brew Ready’ LED will turn Green.
- The coffee is now ready to serve.

The lower hot plate will turn on as soon as the machine is turned on for single hot plate versions.

To use the upper hot plate (only fitted on Dual Hot plate version - 1000619), turn the switch on at back, right-hand side of the machine. The upper hot plate is independently controlled by this switch.

MAINTENANCE

This machine has been designed to give many years of trouble free service. The only regular maintenance required is occasional de-scaling.

In common with all coffee brewer manufacturers, service calls resulting from lime scale are not covered by warranty. Fitting a scale reducer is recommended, especially in hard water areas. This can reduce the build-up of scale but may not stop it altogether. The machine should be de-scaled regularly (3-6 months). The frequency that de-scaling is required depends on the local water supply; hard water areas need more attention.

The 'Descale' indicator is set to trigger every 300 cycles as a reminder for the user to descale the machine. The machine will continue to operate but the 'Descale' light will not reset until the 'Descale Reset' button is depressed and held during a power up sequence.

DESCALING PROCEDURE

- Dissolve the recommended amount of scale remover (see instructions for scale remover) in one litre of warm water (approx 60 – 70 °C).
- Slide an empty filter basket into the basket guide rails and place an empty jug/flask under it.
- Turn off the water supply to the machine.
- Select and run a brew - removing some of the water from the reservoir.
- At the end of the brew empty the jug and return it to under the basket.
- Carefully pour the solution into the tank (cold water reservoir) via the descale port on the top of the machine. On Dual hot plate version (1000619) – the top lid should be opened and the descale solution should be poured directly into the tank. Select and run a brew. The solution will now run through the heating system and discharge into the jug/flask.
- Switch off the machine after one minute.
- Wait about 2 minutes. The solution will react with the scale in the heating system.
- After the 2 minutes switch the machine back on and run a brew again to allow the rest of the solution to run through the system.
- At the end of the process the 'Brew Ready' light will illuminate and the sounder will sound. (2 short pulses).
- Dispose of the de-scale solution and rinse out the jug/flask.
- Turn the water supply on again and flush the system twice by following the coffee brewing procedure without using filter paper or coffee. Remember to empty the jug/flask each time.
- Switch off the machine and thoroughly clean the basket filter and the jug/flask.
- The machine is now ready for use.
- The 'Descale' light will not reset until the 'Descale Reset' button is depressed and held during a power up sequence.

CLEANING

The exterior of this machine may be cleaned with a damp cloth and a light detergent. Do not use abrasive cloths or creams, as this will spoil the finish of the machine. Do not use a water jet or spray. The glass jugs and flasks can be washed normally and rinsed clean. The coffee deposits in the coffee jugs/flasks and the filter can be cleaned with a suitable Jug/Urn Cleanser.

The Filtro is designed with a spray head which can be easily removed by hand for cleaning or de-scaling - the bayonet type of fixing can be simply twisted in and out of position. Ensure that the spray head is securely in place when replacing it.

SPARE PARTS AND SERVICE

If you have any difficulty with your machine do not hesitate to call us.

