

marco



POURING PERFECTION

FILTRO SHUTTLE MINI SHUTTLE

INSTRUCTIONS FOR MODELS

FILTRO SHUTTLE 5.6kW

(P/N: 1000650 – 5.6kW and 1000651 – 2.8kW)

(P/N: 1000650MJ – 3.6kW 200V)

MINI SHUTTLE

(P/N: 1000655 – 5.6kW and 1000656 – 2.8kW)

Water Pressure : 5 - 50 psi (min.-max.) 35 - 345 kPa (min.-max.)

Water Flow Rate : 2 Litres per minute minimum.

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Electrical Installation Procedure:

- 1000651 / 656 - 2.8kW/230V ac – plug into a suitable 13A supply is required.
- 1000650- / 655 - 5.6kW/230V ac - This unit must be connected to a suitable 30A single phase power supply. This should be done by a qualified electrician.
- 1000650MJ 3.6kW/200Vac – This unit must be connected to a suitable supply.
- **This appliance must be earthed!**

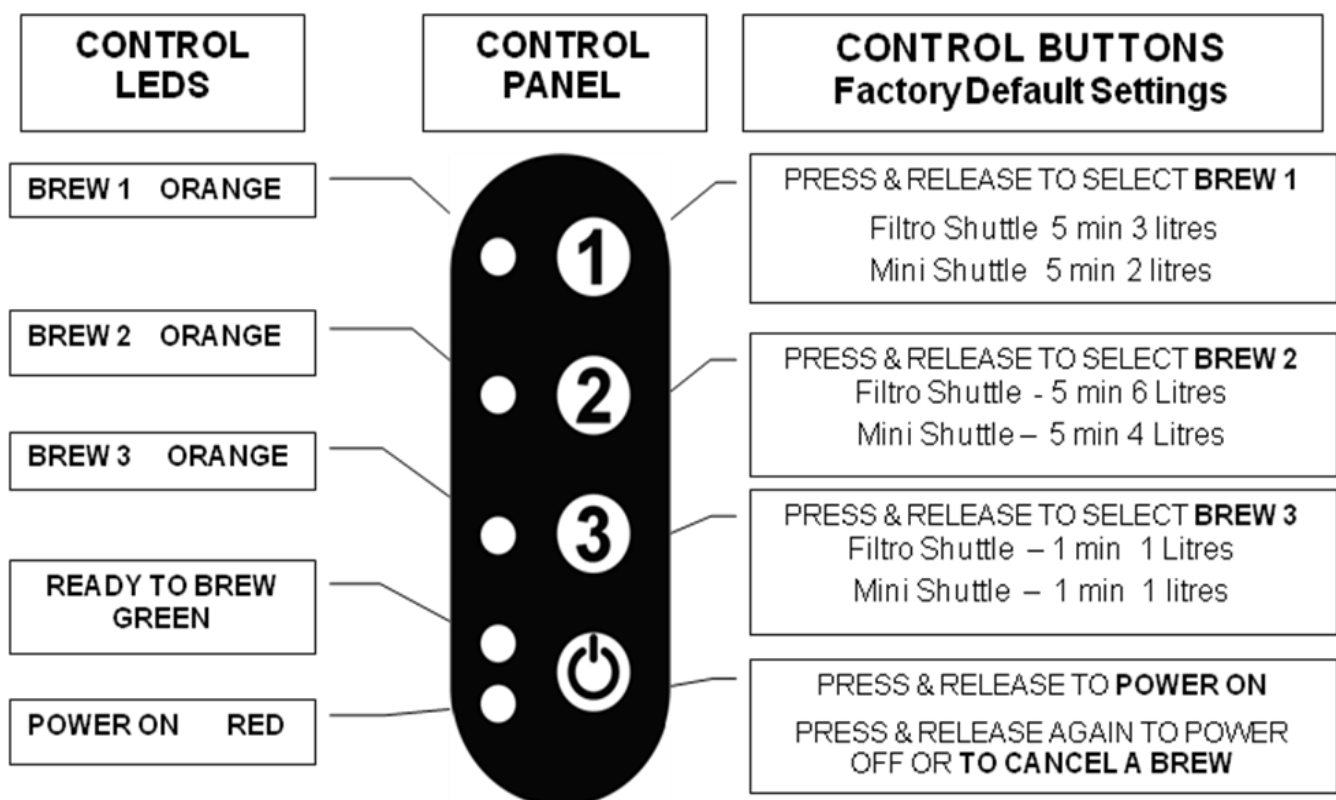
Plumbing Installation Procedure:

- A minimum continuous flow rate of 2 Litres per minute is required for correct operation. Interruption in water flow rate can result in a lower brew volume.
- Connect Filtro Shuttle to suitable water supply using the hose enclosed.
- Connection to Filtro Shuttle is from the bottom of the unit.
- **All plumbing should be done by a qualified service engineer.**

Start-up Procedure:

- Check that all installation procedures have been carried out.
- Switch on the power to the unit, All the LEDs on the control panel will flash momentarily.
- Switch the machine on by pressing the Power Button (See below).
- The machine will automatically take in water. The Power On LED will begin to flash until water has passed safely above the elements (~ 3 minutes).
- Heating will begin, and the Power On LED will stop flashing and glow.
- When the machine is full and ready to brew the Ready To Brew LED will glow.
5.6kW will take ~15 - 20min, 2.8kW will take ~30 - 40 min. 3.6kW will take ~27-37min

FILTRO SHUTTLE QUICK OPERATION INSTRUCTIONS



Note : Default settings may vary depending on local connection factors, if required recalibration can be carried see Setting Brew Water Volumes/Water Flow Times section.

OPERATION:

- When the machine has enough water to brew coffee and is at the correct temperature, the Ready To Brew LED will glow. A brew can be selected at this point.
- Place single filter paper into brew basket, use the 2 wire flaps to hold the filter paper in place. Add the required weight of coffee.
- Slide Brew basket into the guiderails and push fully home.
- Ensure your Urn is in place under the basket and that the hole in the basket is lined up with the centre of the urn's inlet funnel. The Filtro Shuttle is designed to accommodate the Marco Urn, Part number "1700174 Insulated Urn 6L Shuttle"
- Select the correct brew on the control panel by pressing the required Brew Button. Press the switch until the yellow LED illuminates. N.B. If you make a mistake press the Power Button to turn the machine off. Wait 3 seconds and turn back on again. Select the correct brew.
- After brewing, remove the filter paper with the spent grinds when the basket can freely move and dripping has stopped.
- Once the brew is completed the brew basket will remain locked for a further 2 minutes to allow the remaining water in the brew basket to filter through. This basket lock will be an audible click and is linked to the Brew Button LED.

Setting Brew Water Volumes/Water Flow Time

With the Filtro Shuttle you may programme (Calibrate) each of the Brew Buttons to have different Water volume and Overall Brew time settings or to disable buttons. Contact sales@marco.ie for more information.

Pulse brewing mode:

The Filtro Shuttle will operate in a Pulse Brewing mode. For more details about Pulse brewing mode contact sales@marco.ie for more information.

Troubleshooting: The Power LED will indicate failures as follows.

No of flashes	Symptom	Action required
2	Water level below elements. May take 10-15 minutes to fill at low pressure	Check water pressure, if this is OK - call service agent.
3	Temperature sensor failure)	Call service agent
4	Water not heating	Call service agent
5	Temperature sensor failure	Call service agent
6	Machine not filling	Check water pressure. If this is OK and the machine has not returned to normal operation after 15 min – call service agent

MAINTENANCE:

The only regular maintenance required is occasional de-scaling.

In common with all water boiler manufacturers, service calls resulting from limescale are not covered by warranty. Fitting a scale reducer is recommended, especially in hard water areas.

A service agent should descale the machine regularly. Marco suggest that the machine be descaled every 3 months if the unit is in a hard water area. In soft water environments every 6 months should suffice.

CLEANING:

Marco recommend cleaning after each days brewing using a proprietary urn-cleansing compound. Marco Urn Cleanser (Marco Part number 8000240) is available in 800g tubs. Instructions are given on each tub.

The exterior of these machines 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. Beware of accidentally operating the draw off tap when cleaning the front of the machine.

WARNINGS

FLOODING WARNING:

This machine **MUST** be positioned on a counter with a drainage facility. The machine can be operated without a basket or urn/receptacle in place which will cause water to spray/flow directly onto the counter. All potential operators should be fully trained in its correct use.

SCALDING- Beware of accidentally operating the brewing buttons and the water drawoff tap (if installed), especially when cleaning the front of the boiler

ALL USERS OF THIS MACHINE SHOULD BE TRAINED AND SHOULD BE AWARE THAT THE MACHINE DISPENSES VERY HOT BEVERAGES/WATER.

The utmost care has been taken in the manufacture and testing of this unit. Failure to install, maintain and or operate this boiler according to the manufacturer's instructions may result in conditions that can cause injury or damage to property. If in any doubt about the serviceability of the machine always contact the manufacturer or your supplier for advice.

