

Breville Barista

- [Espresso Machine Details](#)
- [Group Head Cleaning](#)
 - [Cleaning Tablets](#)
 - [Cleaning Procedure](#)
- [Descaling](#)
 - [Priming machine for descaling function](#)
 - [Descaling the coffee component](#)
 - [Descalc the Steam and hot water components](#)
 - [Repeat processes to complete descaling](#)
 - [Descaling Solution Rinse](#)
- [Replacing the Filter](#)
- [References](#)

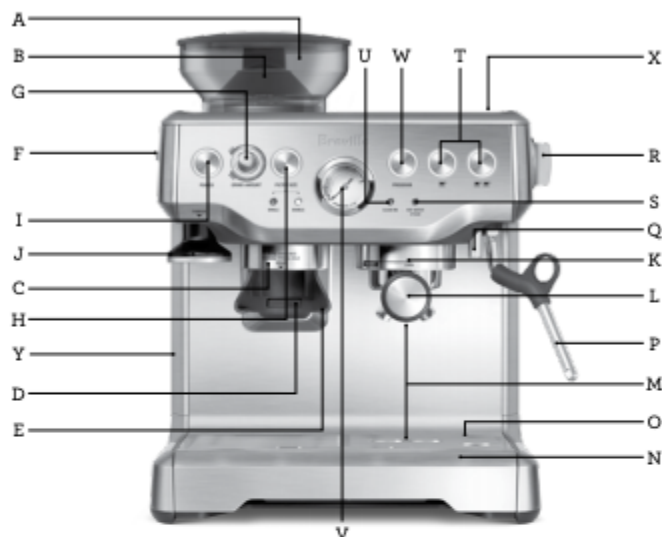


Espresso Machine Details

Breville Barista BES870XL



Components



- A. ½lb bean hopper
With locking system for easy removal, storage and transfer of coffee beans.
- B. Integrated conical burr grinder.
- C. Grind outlet.
- D. Grinding activation switch.
- E. Hands free grinding cradle.
- F. GRIND SIZE selector
Espresso grind settings from fine to coarse.
- G. GRIND AMOUNT dial.
Adjust the amount of fresh ground coffee dosed into the filter basket to suit the fineness or coarseness of the grind.
- H. FILTER SIZE button.
Tell the machine if you are using a 1 CUP or 2 CUP filter basket and the grinder will dispense the required amount of ground coffee for a single or double cup dose.
- I. POWER button.
- J. Integrated removable 54mm tamper.
- K. Group Head.
- L. 54mm stainless steel portafilter.
With commercial style spouts.
- M. Extra-tall cup clearance for tall mugs.
- N. Removable wet & dry coffee separator drip tray. With Empty Me! tray full indicator.
- O. Storage tray. (located behind drip tray)
Houses accessories when not in use.
- P. 360° swivel-action steam wand.
- Q. Dedicated hot water outlet.
Monitors espresso extraction pressure.
- R. Steam/Hot Water dial.
Selector dial for steam and hot water.
- S. Steam/Hot Water light.
Illuminates to indicate that the steam or hot water function is selected.
- T. 1 CUP and 2 CUP buttons.
With preset, manual over-ride or re-programmable shot volumes.
- U. 1 CUP button.
- W. 2 CUP button.
- V. Base.
- X. Water reservoir.

Group Head Cleaning

Cleaning Tablets



Cleaning Procedure

The CLEAN / DESCALE light will illuminate (flashing) when a cleaning cycle is required. **This is a back-flushing cycle and is separate from descaling.**

1. Insert the 1 CUP filter basket into the portafilter, followed by the supplied cleaning disc, followed by 1 cleaning tablet.



2. Lock the porta filter into the group head and place a large container beneath the portafilter spouts.
3. Ensure the water tank is filled with cold water and the drip tray is empty.
4. Press the POWER button to switch the machine off.
5. **Press the 1CUP and 2CUP buttons simultaneously, then also press the POWER button. Hold all 3 buttons together for approximately 10 seconds.**



6. **The cleaning cycle will commence and last for approximately 5 minutes.** During this time, water will intermittently flow into the tray.
7. Remove the portafilter and ensure the tablet has completely dissolved. If the tablet has not dissolved, repeat until the tablet has dissolved.

Descaling

After regular use, hard water can cause mineral build up in and on many of the inner functioning components, reducing the brewing flow, brewing temperature, power of the machine, and taste of the espresso. We advise you to undertake the descaling processes outlined below when the 'CLEAN / DESCALE' indicator is illuminated (solid on).

WARNING

Do not immerse power cord, power plug or appliance in water or any other liquid. The water tank should never be removed or completely emptied during descaling.

Before you begin

- Remove filter

Check if descaling is required

- 1 - Check if the 'CLEAN / DESCALE' light is illuminated (solid on), descaling is required.

Priming machine for descaling function

- 2 - Dissolve 2 tablespoons of citric acid in a cup of water. Mix and add to tank. Fill tank to MAX.

- 3 - **Press and hold the 2-CUP button and then press and hold the POWER button simultaneously to enter the Descale mode.**



The unit will heat up as part of commencing the descaling action, during the heating processes the POWER button should flash continuously.

The machine will indicate it is ready for descaling when the **POWER** button, **1 CUP** button, **CLEAN/DESCALE** indicator and **HOT WATER/ STEAM** indicator are all illuminated (solid on).



Descaling the coffee component

4 - **Press the 1-CUP button to start the descaling** for the coffee component of the machine. Descaling coffee component takes approximately 25 seconds. The 1 CUP button should flash continuously and remain constant once the descaling process has finished. To terminate the descaling within 25 seconds, press the 1 CUP button again.

Descal the Steam and hot water components

Descaling steam and hot water takes approximately 13 seconds and 8 seconds respectively. Descaling can be terminated prematurely by turning the steam dial to **STANDBY**.

5 - Descal Steam component by turning the steam dial **RIGHT** towards the **steam** icon. It will stop automatically.



6 - Descale Hot water component by turning the steam dial to the LEFT towards the **water** icon. It will stop automatically.



Repeat processes to complete descaling

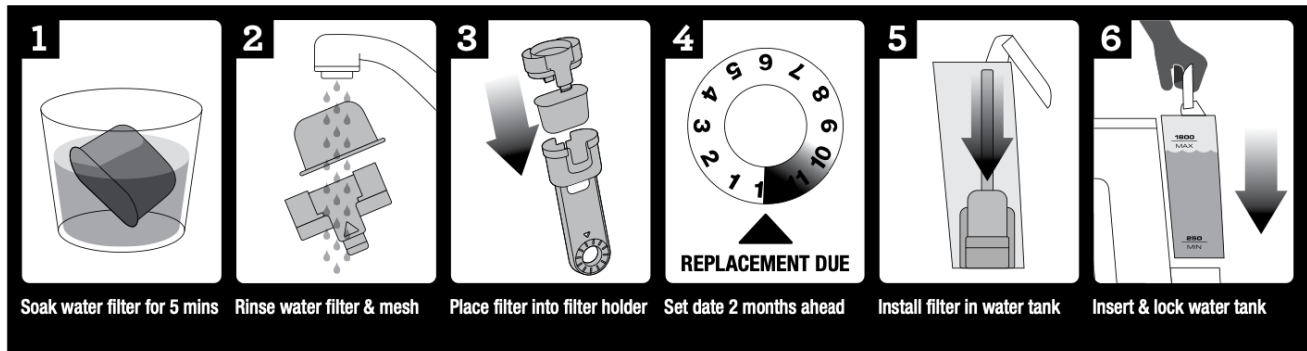
7 - Repeat steps 4-6 above to complete the descaling process to empty the solution in the tank.

Descaling Solution Rinse

8 - After descaling, remove the water tank and rinse thoroughly then refill with fresh cold water to the maximum capacity (68 fl. oz / 2L) and repeat steps 4-6 to further cleanse the machine of any residue of the cleaning solution thoroughly.

9 - Press 'POWER' to quit the descaling process. This will be indicated by the LED lights switching off.

Replacing the Filter



References

Reference	URL
User Manual	BES870-instruction-manual.pdf
The Barista Express® How to perform a cleaning cycle on your espresso machine Breville USA	https://www.youtube.com/watch?v=iJLgi3sPf4Q&t=30s
The Barista Express® Our tutorial on how to descale your espresso machine Breville USA	https://www.youtube.com/watch?v=Mr3ilRsgzmc&t=36s
How to Descal Breville Coffee Makers (Simple Steps)	https://coffeeaffection.com/how-to-descale-breville-coffee-makers/