

# WATER SOFTENING BAGS

## INSTRUCTION MANUAL

**Dualit**®

Since 1945



**Water Softening Bags soften water in your coffee machine's water tank, reducing limescale build-up. Water Softening Bags are suitable for all Dualit pump espresso coffee machines with water tanks.**

### IMPORTANT SAFETY PRECAUTIONS

- Read all instructions before using the Water Softening Bag in your Dualit Coffee Machine.
- Always follow these safety precautions when using this accessory to avoid personal injury or damage to the accessory or appliance.
- This accessory should be used only as described in these instructions.
- When descaling your machine, remove your Water Softening Bag from the tank so that it does not come into direct contact with the descaling solution. **Risk of chemical ingestion.** Never allow Water Softening Bag to come into contact with descale solution. For more information on descaling your Dualit Coffee Machine visit [dualit.com/products/machine-care](https://dualit.com/products/machine-care)
- DO NOT use in kettles, percolators or any device which will elevate the Water Softening Bag beyond room temperature.

### HOW TO USE THE WATER SOFTENING BAG

- Before filling the Water Tank, ensure the appliance is unplugged from the mains.
- Remove the Water Softening Bag from the plastic outer packet and dispose of the packaging.
- Rinse the Water Softening Bag under cold water.
- Place the Water Softening Bag into the bottom of the empty coffee machine tank, then fill with water.
- Always remove Tank from machine prior to filling with water, **to prevent risk of electric shock.**
- TIP: If this is also the coffee machine's first use, please refer to your Coffee Machine Instruction Manual for further information on how to use the machine.
- TIP: If this is a pre used machine, you may want to descale your machine before using the Water Softening Bag.
- To achieve optimal softening performance from the Water Softening Bag, fill the tank with water the night before use, to give it time to soften.
- See TABLE I below to show you how much water you may need. Depending on usage, fill only as much as you need, in order to save water and reduce time for the softening process to take effect.

### TABLE I

Please note that these are approximate times and should be used only as a guide.

Machine Type	How long to reach the soft region of the scale
Café Plus Capsule Machine	8 hours (800 ml)
Pod Machine	8 hours (800 ml)
Café Cino Capsule Machine	8 hours (800 ml)
Lusso Capsule Machine	8 hours (800 ml)
Classic Capsule Machine	12 hours (1200 ml)
3-in-1 Coffee Machine	16 hours (1500 ml)
Espressivo 3-in-1 Machine	16 hours (1500 ml)
Espress-Auto 4-in-1 Machine	16 hours (1500 ml)
Bean to Go Coffee Machine	12 hours (1200 ml)
CaféPro	30 hours (2700 ml)
Espressivo® Pro	32 hours (2800ml)

- For regular use (ie. daily) any unused water left in the tank does not need to be poured away and refilled before each use. Keep the water in the tank and simply top up so that the harder water is being diluted by the softened water.
- For irregular use (ie weekends only) pour away unused water and immediately refill from the tap the evening before planned use.
- It is important that the Water Softening Bag always remains in water and does not dry out; if resin dries it will no longer work.
- See TABLE II below to help you know how much water you need.

**TABLE II**

Please note that these measurements are approximate. These may differ based on individual coffee machines and cup size used.

Which drinks are you making?		How much water should you need above the water softening bag?
Espresso	Single	35ml
	Double	70ml
Lungo	Single	70ml
	Double	140ml
Americano	Single	150ml
	Double	300ml
Latte/Cappuccino	Single	115ml
	Double	230ml
<b>Always ensure to leave enough extra water at the bottom of the tank to keep the Water Softening Bag covered.</b>		

- For best results, top up your water as early as possible before use so that you are always giving your Water Softening Bag time to soften before using the appliance.
- If you use only what you need it takes a significantly shorter time to soften the water.
- You must continue to descale your machine once a month. Review your Coffee Machine Instruction Manual or visit [dualit.com/products/machine-care](http://dualit.com/products/machine-care) for descaler recommendations.
- TIP: Whilst descaling, you may wish to put the Water Softening Bag into a container of water to start the softening process ready to pour into your machine. Ensure you replace the Water Softening Bag into the Water Tank after all descale solution has been rinsed from the tank and flushed from the machine. **Risk of chemical ingestion.** Never allow water softening bag to come into contact with descale solution.
- The Water Softening Bag does not remove existing limescale formed within the machine.
- Each Water Softening Bag should last for one year. You can use the sticky label to write the date you first used the Water Softening Bag to remind you when you need to replace it. Dispose of the Water Softening Bag in general waste.
- If you haven't done so already, don't forget to register your Dualit appliance at [www.dualit.com/register](http://www.dualit.com/register). It takes less than 60 seconds and is for your safety. It will also give you access to fantastic recipes, tips and amazing offers.

## HOW THE WATER SOFTENING BAG WORKS

The Water Softening Bags work by means of ionic exchange, they replace calcium and magnesium ions present, in both their soluble and insoluble forms in the drinking water, with sodium ions.

- In particular, higher total water hardness corresponds to a higher quantity of sodium in the water. This quantity is rendered in milligrams/litre and therefore in a very modest quantity in conformity not only with the provisions of 1935/2004/EC and 98/83/EC but also with the World Health Organization guidelines.
- Maximum ceding of sodium – 5 mg/l.
- Made in Italy. Passive operation. Food Safety 12 months from the date of installation. Disposal code C.E.R 19/9/2005.
- Manufactured by Waterline SRL Caponnetto, 21, 42122 Reggio Emilia (RE), Italy.