

A dynamic splash of clear water against a light blue background, with droplets and ripples visible.

# REMINERALIZING FILTER

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What is it and what is it used for,  
considering that 98% of a cup of coffee is water?



# REMINERALIZING FILTER

The type and quality of the coffee bean is essential to enjoy a great flavor...

Let's see **how to achieve the perfect cup of coffee:**





# Who regulates water quality?



**The SCA (Specialty Coffee Association)** is the world's largest coffee trade association.

It is dedicated to fostering a global coffee community that supports efforts to make coffee a thriving, equitable, and sustainable product throughout the entire value chain..

## What does it say?



- Tap water is not the most suitable for making coffee, as it is usually hard water and contains chlorine to make it potable.
- Chlorine interferes with the taste of the coffee, and the excess hardness causes many malfunctions in coffee machines.

## What does it recommend?

To avoid hardness issues, are used regenerable descalers or disposable descaling filters. However, both increase the sodium content in the water and interfere with the taste of the coffee."

The **ideal water** characteristics for making coffee are:

**TDS: ~ 150 ppm**  
**Hardness: 5 ~ 10 °HF**  
**Alkalinity: 40 ~ 75 ppm**  
**pH: 6.5 ~ 7.5**



# SOLUTION

**To achieve these requirements, we need to:**

- Osmose the water.
- Add the appropriate amount of hardness and alkalinity.
- Use the SMAK alkalization filter, which allows you to customize the alkalinity to the most demanding palates, thanks to its 5 settings.



# PARTS OF THE HEAD USING BYPASS



BYPASS	1	2	3	4	5
Filtered Water	100%	90%	75%	65%	50%
Unfiltered Water	0%	10%	25%	35%	50%

# FEATURES

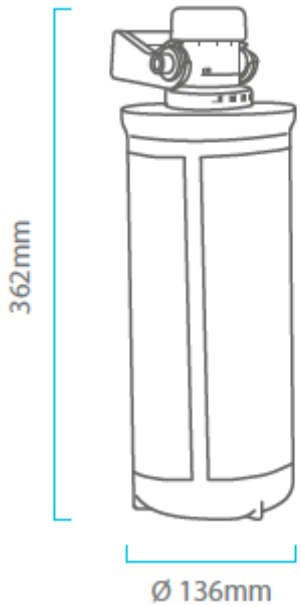
## DESCRIPTION

Total hardness and carbon dioxide booster filter for installation downstream of osmosis equipment. Suitable for the preparation of coffee and other beverages. Also for acidic or very soft water.

This filter allows, with its 5 positions head, to increase the hardness to the optimum level to obtain the best aromas and flavours of the coffee, maintaining a balanced pH.

## SPECIFICATION

CONNECTION	Bayonet connection for its head.
VESSEL MATERIAL	Polypropylene.
FILTER MEDIA	SHOTSEST. formula. Calcium carbonate.
INSTALLATION POSITION	Vertical and horizontal.
LIFE SPAN	10000 liters.
MAXIMUM FLOW	2,5 liters/minute
PRESURE (MAX-MIN)	0.7 - 6.8 BAR
TEMPERATURE (MAX-MIN)	38 °C ~ 2 °C



LÓGICOAQUA  
a KINETICO brand



# PRODUCT CODES

## SMAK B REMINERALIZING CARTRIDGE

(Ref. 981121)



LOGICOAQUA FILTER HEAD  
(Ref. 981144)

LogicalAqua filter head, lubricated material.  
Plastic with M3/8 connection (includes adapter for 3/8 tube).  
Five working positions (0\*-1-2-3-4).

\*0 = Closed





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THANK YOU FOR  
YOUR INTEREST.

