

# PURITY C

## Steam Advanced

### Proven technology re-invented for small to mid-sized steamers and ovens

The PURITY C Steam Advanced filter cartridges, specially developed for small to medium-sized combi steamers and ovens, reduce carbonate hardness in drinking water and, as a result, prevent limescale formation in equipment. In addition, the filter medium retains metal ions such as lead or copper and reduces substances, for example chlorine and chloramine, that can negatively affect taste and aroma.

### The benefits to you

- Reduction of chloramine concentration by up to 80%.
- Limescale deposits and the associated machine breakdowns are reduced, as are additional service and repair costs. Fine steam jets remain open longer.
- Baked products, fish, meat and vegetables are cooked to their best: elements, such as chlorine, that could impair taste and aroma are removed for improved taste.
- Vivreau's established easy-to-handle cartridge exchange system.
- Bypass settings are specially adapted to direct injection and boiler systems.
- Improved flow rate of up to 300 l/h with 1 bar pressure loss.



## Systematic filter technology

### 1 Pre-filtration

A pre-filter retains coarse particles.

### 2 Carbonate hardness reduction

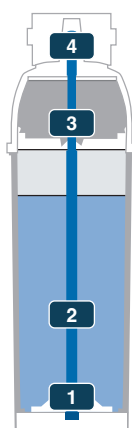
The PURITY C Steam Advanced filter medium reduces carbonate hardness. As a result, unwanted limescale formation is prevented.

### 3 Activated carbon filtration

The water runs through an activated carbon filter to remove all substances such as chlorine, chloramine and organic elements that have an adverse effect on taste and aroma.

### 4 Fine filtration

At the end of the filtration process a fleece retains any fine particles.



The illustration serves as explanation of the filter technology. It is not to scale.

## Quality and safety

### Optimum water quality

Outstanding and consistent water quality – free of unwanted taste and aroma elements.

### Maximum product safety

For uninterrupted operation and safe use.

### Simple to use

Operation is simpler and easier than ever.

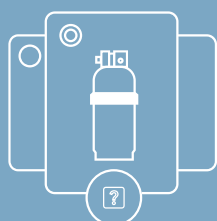
The food safety of VIVREAU Professional water filter products is tested and monitored by independent institutes.



System tested and certified by NSF International against NSF/ANSI standard 42 for the reduction of Chlorine and Chloramine, Taste and Odor.

| PURITY C Steam Advanced  | PURITY C500 Steam Advanced   | PURITY C1100 Steam Advanced |
|--|--|-----------------------------|
| Technology   | decarbonization  |                             |
| PURITY C Steam Advanced filter head with variable bypass   |  |                             |
| Capacity <sup>1</sup> combi steamers/ovens (at a carbonate hardness of 10 °dH and a bypass setting of 1) | 4,675 l<br>1,235 US gallons  | 7,907 l<br>2,089 US gallons |
| Filter system*   |  |                             |
| Max. operating pressure  | 8.6 bar/125 psi  |                             |
| Water intake temperature   | 39.2 °F – 86 °F  |                             |
| Flow rate with 1 bar pressure loss   | 300 l/h<br>79,2 US gallons/h   |                             |
| Nominal flow   | 100 l/h<br>26,4 US gallons/h   |                             |
| Pressure loss at nominal flow  | 0.1 bar/1.5 psi  | 0.2 bar/2.9 psi             |
| Dimensions (W/D/H) with filter head  | 5.66/5.66/21.9 in  | 7.24/7.24/21.9 in           |
| Weight (dry/wet)   | 10.1/15.2 lb   | 16.9/27.5 lb                |
| Water inlet and outlet connections   | 1/2" NPT   |                             |
| Operating position   | horizontal and vertical  |                             |
| Operation  | use after inhouse softening units possible   |                             |
| PURITY C Steam Advanced  | Order number   |                             |
| Filter cartridge   | 1054239 (Pack 1)   | 1054242 (Pack 1)            |
| Filter head  | 1033043 (Pack 1)   |                             |
| Accessories  | Order number   |                             |
| Hardness test kit (carbonate)  | 710801   |                             |
| VIVREAU FlowMeter 10 – 100 A (connection 1/2" NPT)   | 1033723  |                             |
| Explanatory notes  | <sup>1</sup> The capacities given have been tested and calculated on the basis of normal application and machine conditions. Due to external influences (e.g. variations in raw water quality and/or machine type), deviations from these results can occur. |                             |

\* The PURITY C Steam Advanced filter system can only be operated with the PURITY C Steam filter head. Only drinking water quality may be used as the water supply for VIVREAU water filters.



## Product Selector and Capacity Calculator

Our online tool for sourcing the correct filter, capacity calculation, and timely filter change reminders.

[vivreauwater.com/filter-selector/](https://www.vivreauwater.com/filter-selector/)

## Contact information:

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vivreau.com/professional-filters