

## PURITY C Quell ST Advanced

### Experience unique quality

Specially developed for catering and vending sectors, the PURITY C Quell ST Advanced filter cartridges reduce carbonate hardness in drinking water and, therefore, reduce the danger of limescale deposits in equipment. In addition, the filter medium retains chloramine, metal ions, such as lead or copper, and also reduces substances that can negatively affect taste and aroma (such as chlorine residues).



#### IntelliBypass®

A largely volumetric-flow independent bypass water proportion ensures constant water quality, also for low water flow rates.

### The benefits to you

- Limescale deposits and the associated machine breakdowns are reduced including additional service and repair costs.
- Reduction of chloramine concentration by up to 80% for the best taste and aroma.
- The removal of unwanted taste and aroma elements in the filtrate (and also in the bypass water) for optimum quality of the end product.
- One filter head concept for all cartridge versions in the PURITY C Advanced range with various head designs for individual requirements.
- Simple to handle with rapid-change system including an innovative locking handle for reliable adjustment.
- Integrated flush valve for easy operation and space-saving thanks to the water inlet and outlet on one side of the filter head.



## Systematic filter technology

### 1 Pre-filtration

A pre-filter retains coarse particles.

### 2 Carbonate hardness reduction

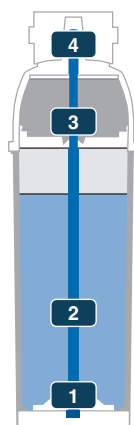
The PURITY C Quell ST Advanced filter medium reduces the carbonate hardness. As a result, unwanted limescale formation is prevented.

### 3 Activated carbon filtration

All of the water – including the bypass water – runs through an activated carbon filter, so substances such as chloramine that have an adverse effect on the taste and aroma are removed.

### 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.

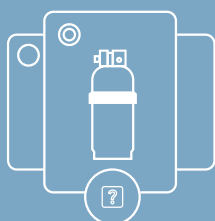


System tested and certified by NSF International against NSF/ANSI standard 42 for the reduction of Chlorine and Chloramine, Taste and Odor.

PURITY C Quell ST	C300	C500	C1100
Technology	decarbonisation		
PURITY C 0 – 70 % filter head with variable bypass			
Capacity <sup>1</sup> coffee/espresso/vending machines (at a carbonate hardness of 10 °dH/bypass setting of 40%)	4,000 l 1,057 US gallons	6,800 l 1,796 US gallons	11,500 l 3,038 US gallons
Max. operating pressure   Water intake temperature	8.6 bar   39.2 °F – 86 °F (29 psi – max. 125 psi)		
Nominal flow (Pressure loss at nominal flow)	100 l/h (0.5 bar) 26.42 US gallons/h		
Dimensions (W/D/H) with filter head	4.92/4.69/18.35 in	5.67/5.67/21.93 in	7.24/7.24/21.93 in
Weight (dry/wet)	6.2/9.3 lb	10.1/15.2 lb	16.9/27.5 lb
Connections (input/output)	G 3/8" or John Guest 8 mm (JG 8) or 1/2" NPT		
Operating position   Operation	horizontal and vertical   use after inhouse softening units possible		
PURITY C Quell ST Advanced			
Filter cartridge	1054236 (Pack 1)	1054237 (Pack 1)	1054240 (Pack 1)
Filter head 0 – 70 % (G 3/8"   JG 8   1/2" NPT)	1013622 (Pack 1)   1033576 (Pack 1)   1031654 (Pack 1)		
Accessories			
VIVREAU FlowMeter 10 – 100 A (connection 1/2" NPT)	1033723		
Hardness test kit (carbonate)	710801		
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.		

04/24 Errors and omissions excepted.

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://vivreauwater.com/filter-selector/)

## Contact information:

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[vivreau.com/professional-filters](https://vivreau.com/professional-filters)