VIVREAU®

ADVANCED WATER SYSTEMS

PURITY C Quell ST

Experience unique quality

Specially developed for catering and vending sectors, the PURITY C Quell ST filter cartridges reduce carbonate hardness in drinking water and, therefore, reduce the danger of limescale deposits in equipment. In addition, the filter medium retains 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

- 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 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.
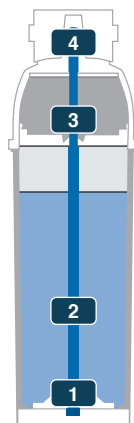
2 Carbonate hardness reduction
The PURITY C Quell ST filter medium reduces carbonate hardness. As a result, unwanted limescale formation is prevented.

3 Activated carbon filtration
All of the water – including the bypass water – runs through an activated carbon filter, so substances 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.

Remember your replacement. Secure your benefits.

NSF System tested and certified by NSF International against NSF/ANSI standard 42 for the reduction of chlorine, taste and odor.

PURITY C Quell ST	C50	C150	C300	C500	C1100
Technology	decarbonisation				
PURITY C 0 – 70 % filter head with variable bypass					
Capacity[1] coffee/espresso/vending machines (at a carbonate hardness of 10 °dH/bypass setting of 40%)	960 l 254 US gallons	2,408 l 636 US gallons	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)	60 l/h (0.25 bar) 15.85 US gallons/h			100 l/h (0.5 bar) 26.42 US gallons/h	
Dimensions (W/D/H) with filter head	4.69/4.25/10.55 in	4.60/4.09/16.5 in	4.92/4.69/18.35 in	5.67/5.67/21.93 in	7.24/7.24/21.93 in
Weight (dry/wet)	2.2/3.5 lb	4.0/6.2 lb	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	Order number				
Filter cartridge	1007698 (Pack 1)	1001394 (Pack 1)	1001398 (Pack 1)	1002982 (Pack 1)	1012461 (Pack 1)
Filter head 0 – 70 % (G 3/8" | JG 8 | 1/2" NPT)	1013622 (Pack 1) | 1033576 (Pack 1) | 1031654 (Pack 1)				
Accessories	Order number				
VIVREAU FlowMeter 10 – 100 A (connection 1/2" NPT)	1033723				
Hardness test kit (carbonate)	710801				
Explanatory notes	[1]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.				

Only drinking water quality may be used as the water supply for VIVREAU water filters.

For more information please contact:

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