

## PURITY C1000 AC

### Optimized water for refreshing drinks

With its activated carbon block, the PURITY C1000 AC reliably retains residues in the water that can negatively affect the taste, aroma or appearance of the end product. With the particularly fine pores of the carbon block, even the smallest particles (down to 0.5 µm) are prevented.

Typical application areas for the PURITY C1000 AC technology are point-of-use water dispensers and vending systems.

### The benefits to you

- All raw water is filtered – no cloudiness and the best taste and aroma in the end product
- Particles are retained down to 0.5 µm in accordance with NSF Standard 42
- Protection of equipment – significantly reduced machine downtime
- Simple to handle with rapid-change system with 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

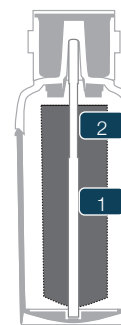
All raw water flows through the carbon block from the outside inwards.

### 1 Pre-filtration

Before entering the carbon block, a filter retains coarse particles.

### 2 Activated carbon filtration

Substances that affect the taste and aroma are removed. The particularly fine pores ensure outstanding retention of 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.

VIVREAU Professional water filter products are NSF certified.



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

PURITY C1000 AC	
Technology	activated carbon filtration
Capacity <sup>1</sup>	10,000 l 2641 US gallons
Max. operating pressure	8.6 bar/125 psi
Water intake temperature	39.2 °F – 86 °F
Operating flow range and associated pressure loss	30 – 180 l/h/0.2 – 1.4 bar   7.9 – 47.5 gal/h/2.9 – 20.3 bar
Flow rate with 1 bar pressure loss	140 l/h 36.99 US gallons/h
Chlorine reduction	DIN EN 14898 Klasse 1 (> 90 %)   NSF 42 Class I (50 %)
Particle retention	NSF 42 Class I (0,5 µm)
Dimensions (W/D/H) with filter head	4.29/3.66/9.37 inch
Weight (dry/wet)	1.1/2.2 lb
Connections (input/output)	G 3/8" or John Guest 8 mm (JG 8) or 1/2" NPT
Operating position	horizontal or vertical
PURITY C1000 AC	Order number
Filter cartridge	1006719 (Pack 20)
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
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.

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

For more information please contact:

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