

AQUA VIVA - tap water nanofilter

DESCRIPTION

AQUA VIVA is a filtration cartridge filled with patented carbon nanotube-based adsorption material tested in compliance with ISO EN 12873-3. It eliminates dissolved organic pollutants as well as produce microbially safe water for long periods of time. It combines nanostructured carbon adsorption bed, fine particle filter and filtration nanotextile on output to produce as clean and safe water as possible.

SCOPE OF APPLICATION

For filtration of cold tap/well water in kitchen, vending machines and all other places where superior drinking water quality is required.

PERFORMANCE PARAMETERS

Product nmb.:	ACPP231218 - AV
Flow:	1.5-2.5 l/min
Filter fineness:	10 µm/ 0.3 µm
Dimensions:	d = 67 mm, L = 247 mm
Pollutant retention:	see text
Lifespan:	The filtration cartridge must be changed after 6 months or 3600 liters (according to DIN 1988). However, earlier change may be necessary if the water flow is noticeably reduced. Earlier change is not sign of filter defect, but an indication of increased occurrence of fine particles in unfiltered water.

Reduction of bacteria in effluent water has been tested in comparison with carbon monoblock and GAC/GAK cartridges, see graph aside. Adsorption material is tested according to EU standard ISO EN 12873-3.

INSTRUCTION FOR USE

Use only for cold water. If the rapid reduction of flow rate occurs due to the presence of fine particles, it is recommended to use textile filter of 1 µm porosity. Rinse with at least 5 liters of water before use.

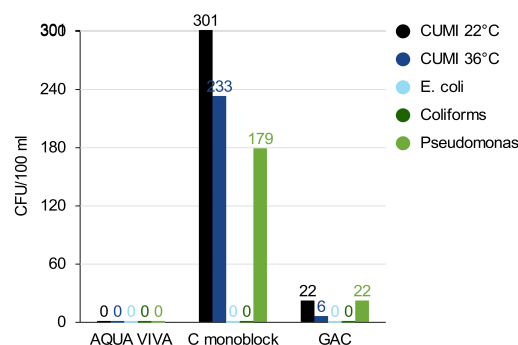
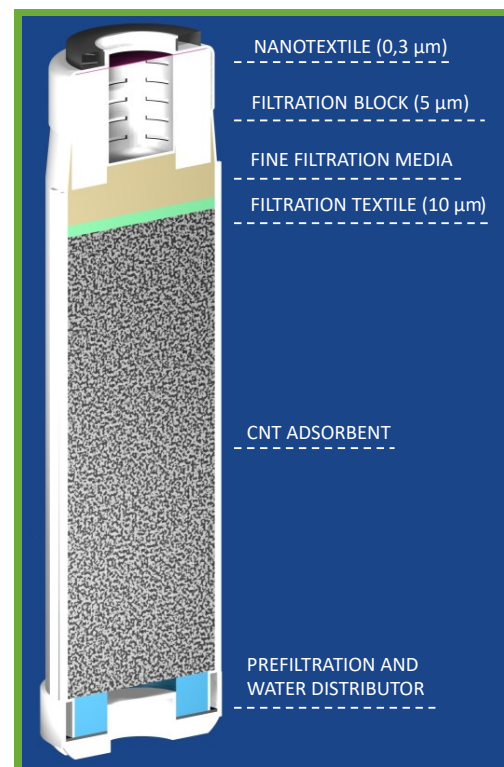
SUITABLE HOUSINGS SS

Can be used in all 10" filtration housings.

PACKING

Cartridge wrapped in heat shrunk foil and packed in cardboard box.

Further information, tests and certification can be obtained by contacting us on www.art-carbon.cz/en.



POLLUTANT RETENTION

Elimination of dissolved organic pollutants, reduction of microbial contamination as well as improvement of odour and taste. Minerals dissolved in water are retained.

Adsorption retention rate is depending on pollutant concentration in raw water.

AQUA VIVA cartridge can be regenerated at home once using our special regeneration solution to decrease the amount of plastic waste produced in half and to save you money (Starting soon, watch our website.)