POU-Award 2005

Technical specifications

Description:	**ROWA**® POU-Filter AMF
Usage:	Reduction of bacteria and particles, as well as dissolved, adsorbable substances in drinking water
Filter capacity:	3 litres per min. (at 4 bar input pressure)
Over all capacity:	approx. 5000 litres drinking water (according to TVO)

Rejection rate*:

Parameters	**Reduction**	**Certif. Authorities**
Esherichia coli[1]	>99.9 %	GFT / Univ. of Bielefeld
Enterococcus faecalis[1]	>99.9 %	GFT / Univ. of Bielefeld
Lead[2]	>90 %	TÜV Umwelt
Copper[2]	>90 %	TÜV Umwelt
Chlorine[2]	>99 %	tti Magdeburg GmbH / FH Magdeburg
Chloroform (CKW)[2]	>99.9 %	tti Magdeburg GmbH / FH Magdeburg
Lindane[2]	>99.8 %	tti Magdeburg GmbH / FH Magdeburg
DDT[2]	>99.8 %	tti Magdeburg GmbH / FH Magdeburg
Atrazine[2]	>99.8 %	tti Magdeburg GmbH / FH Magdeburg
Medicine residues.[2] *Clofibric acide, Ibuprofen, Carbamazepine, Ketoprofen, Propiphenazon*	>99,9 %	Technical University Berlin
Polare pesticides[2] *Bentazones, 2, 4 D, MCPA, Dichlorprop., Mecoprop.*	>99,9 %	Technical University Berlin

[1] Tested with load during 6-month period of use
[2] Tested with load for filter capacity of 10.000 liters

*)The GFT / University of Bielefeld has also performed tests for the following pathogene microbes, resulting in **> 99.9 % reduction for all microbes**:
Bacteria (Staphylococcus aureus, Staphylococcus haemolyticus, Enterobacter cloacae, Pseudomonas aeruginosa, Bacillus subtilis)
Microorganisms (Entamoeba coli, Giardia Lamblia, Cryptosporodium parvum, Hymenolepis nana, Schistosoma mansoni, Ascaris suum)
Fungi/yeasts (Cand. Albicans, Rhod. mucilaginosa, Saccharomyces cerevisae
All results are made with an identically constructed bigger filter cartouche.

Operating temperature:	4 to 28°C
Operating pressure:	2 – 6 bar
Dimensions (incl. slimline-system-housing) (length × height × depth):	85 × 340 × 78 mm
Weight (dry):	0.7 kg
Connectors:	1/8“ female thread

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