

W.E.T.pur_{2/4/9}



Professional, compact drinking water treatment in the smallest space

The series W.E.T.pur 2, 4 and 9 are small, compact drinking water treatment plants which have been conceived specially for the decentralised treatment in small water works or tower tanks. With through-flow outputs of approx. 220 l/h, 450 l/h and 900 l/h, the treatment is designed in such a way that now even the smallest water supply units can have a water quality, which previously has only been possible with larger water works. Applications for this compact unit will also be found in hotel units, hospitals and other establishments that particularly value water that is absolutely germ free.

Absolutely clean, germ free water through the use of the most up-to-date membrane technology

Function principle ultrafiltration (UF)

The W.E.T.pur series treats the water with ultrafiltration membranes. These plastic hollow fibres have pores with an area of 0.01 μm , these pores are so fine that neither bacteria nor viruses can pass the membrane (for comparison: a human hair has a diameter of approx. 50 μm - this is 5000 times as much). The water which leaves the ultrafiltration is therefore absolutely germ free. Substances necessary for life such as minerals and salts, however, are let through without problems. Depending on the individual requirements, a number of highly effective means are available to remove dissolved substances.



W.E.T. GmbH

WATER . ENERGY . TECHNOLOGY

Innovation and progress
in water technology

- space saving
- operator friendly
- self cleaning
- environmentally friendly
- low maintenance

Set-up, assembly, cleaning and maintenance

During the development of the W.E.T.pur treatment plants we incorporated a simple set-up and assembly with the best possible operator friendliness. The plants with a width of 80 cm fit through any door.

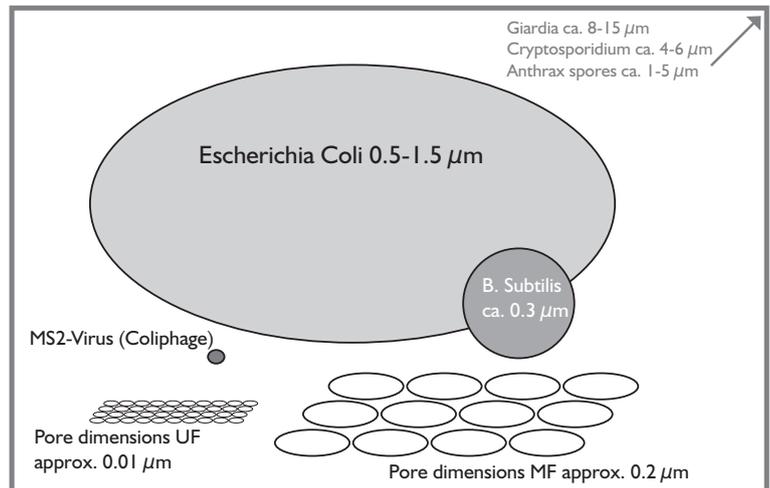
A set-up area of 2 x 2 m is adequate. An electric connection with 230 V/16 A is sufficient. The tested and preset plant only has to be connected to the raw water supply and the clean water supply and to the waste water system.

The control unit automatically takes over all further steps such as start-up, filtering and rinsing, fully automatic. In the control cabinet there are provisions for the connection of terminals from upstream and downstream containers that can be managed by the control unit.

The rinsing is carried out automatically. Chemical cleaning and disinfection using hydrogen peroxide is carried out several times a day instead of the normal water rinsing. Hydrogen peroxide (H₂O₂) disinfection agent is easily degradable and does not cause any damage in the bordering stream if there is no connection to the waste water system.

Maintenance is carried out every six months by our trained personnel or by our contract company. An integrity test is carried out during maintenance work, and this would reveal any possible leaks in the membranes. Furthermore, the membranes are freed from possible deposits and are thoroughly disinfected. The cleaning agent is provided by our maintenance personnel and is fully disposed of after use.

Ultrafiltration (UF) and microfiltration (MF) in size comparison with known water germs



Technical data:

	W.E.T.pur 2	W.E.T.pur 4	W.E.T.pur 9	
Through-flow approx.	l/h	220	450	900
Membran surface	m ²	2,2	4,5	9,0
Max. suction height	m	2,5	2,5	2,5
Clean water	DN	15	15	20
Raw water	DN	32	32	32
Waste water	DN	15	15	20
Electr. connection	230 V/16 A	230 V/16 A	230 V 16 A	
Electr. pump output	kW	0,55	0,55	0,55
Height approx.	mm	1550	1550	1550
Width approx.	mm	770	770	770
Depth. approx.	mm	810	810	810

...any more questions?
Then call us, or send a message to:

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