



## Performance Data Sheet

**Model F8 ULTRA Electronic Faucet Mount Filter**  
**Replacement Cartridge: R8 ULTRA**

**Important Notice:** Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs. See instruction booklet for operation instructions, maintenance requirements and product warranty.

Substance	Maximum Permissible Product Water Concentration (mg/l)	Influent Challenge Concentration (mg/l)	% Reduction Avg
<b>Aesthetic Substances</b>			
Chlorine Taste and Odor	0.9	2.0+/-10%	97.0/96.9
Particulate Class I particles .05 to < 1 µm	15.0%	10,000 particles/ml min.	99.6/99.6
<b>Health Substances</b>			
Alachlor	0.002	0.04+/-10%	99.5/99.4
Atrazine	0.003	0.009+/-10%	95.0/94.9
Benzene	0.005	0.015+/-10%	96.5/96.5
Carbofuran	0.040	0.08+/-10%	98.7/98.7
Carbon Tetrachloride	0.005	0.015+/-10%	85.6/85.0
Cysts	–	50,000/l	99.99/99.99
o-Dichlorobenzene	0.60	1.8+/-10%	98.0/97.9
Endrin	0.002	0.006+/-10%	96.9/96.8
Ethylbenzene	0.70	2.1+/-10%	99.9/99.9
Heptachlor Epoxide	0.0002	0.004+/-10%	99.5/99.4
Lead at 6.5 ph	0.010	0.15+/-10%	99.3/99.3
Lead at 8.5 ph	0.010	0.15+/-10%	99.2/98.6
Lindane	0.0002	0.002+/-10%	98.7/98.5
Mercury 6.5	0.002	0.006+/-10%	87.7/82.3
Mercury 8.5	0.002	0.006+/-10%	96.6/96.6
Methoxychlor	0.04	0.12+/-10%	98.3/98.2
MTBE	0.005	0.015+/-20%	77.1/38.7
Simazine	0.004	0.012+/-10%	98.3/98.3
Styrene	0.10	2.0+/-10%	99.9/99.9
Tetrachloroethylene	0.005	0.015+/-10%	96.4/96.4
Toluene	1.00	3.0+/-10%	97.7/95.2
Trichloroethylene	0.005	0.300+/-10%	99.8/99.8
TTHM	0.080	0.45+/-10%	99.3/99.3
Turbidity	0.50 NTU	11+/-1 NTU	97.7/96.9
VOC* (see back)	0.005	300+/-30%	99.8/99.2
2, 4-D	0.070	0.210+/-10%	99.3/98.8
2, 4-5-TP (Silvex)	0.050	0.15+/-10%	99.7/99.7

Operating Specifications:  
 Operating Pressure: 20 - 100 PSI (1.4 - 6.8 bar)  
 Service Flow Rate: 0.65 gpm (2.45 Liters)

Operating Temperature: 40 - 100°F (4 - 38° C)      Capacity: 100 Gallons (378 Liters)  
 Replaceable Filter Cartridge Model R8 ULTRA generally costs \$24.95

#### General Installation, Operating, and Maintenance Requirements

This unit can be installed on most home faucets without the need for tools. Complete installation instructions are provided with the unit.

This product must be installed and maintained in accordance with the Installation and Operating Instructions, including the periodic replacement of the filter cartridge.

The R8/R8(C) filter cartridge must be replaced when: (1) the rated capacity is reached, (2) the flow rate drops to an unacceptable level, or (3) after three months of cartridge service.

If you are unable to locate Instapure replacement cartridges or filters, you may order them by phone by calling +1.970.212.4100 or visiting us online we [www.instapure.com](http://www.instapure.com).

#### Precautions

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before entering the unit. However, this product may be used with disinfected water supplies that may contain filterable cysts, such as giardia and cryptosporidium.

Installation of this product must comply with state and local plumbing regulations.

\* A VOC reduction means the system additionally reduces the concentration of all the following contaminants: chlorobenzene, chloropicrin, dibromochloropropane (DBCP), p-dichlorobenzene, 1,2-dichloroethane, 1, 1-dichloroethylene, cis-1, 2-dichloroethylene, trans-1,2-dichloroethylene, 1,2-dichloropropane, cis-1,3-dichloropropylene, dinoseb, ethylene dibromide (EDB), haloacetonitriles, haloketones, heptachlor, hexachlorobutadiene, hexachlorocyclopentadiene, pentachlorophenol, 1,1 ,2,2-tetrachloroethane, tribromoacetic acid, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, xylenes. The category of VOC (Volatile Organic Chemical) includes a number of chemicals that are both man-made and naturally occurring. Water from wells and utilities may contain some of these contaminants. Some VOCs are pesticides, herbicides, or insecticides that seep into the ground water after application. Other VOCs enter the water supply through industrial or other waste disposal. This category also includes total trihalomethanes, which are a by-product of chlorination. This VOC reduction claim is based on surrogate testing.

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