



Combined dechlorinator and filter with electronic filter age counter

This dechlorinator for well water and tap water includes a filter cartridge. After filtering contaminants, smart electronics boil away potentially harmful volatile organic substances (VOCs). What is left is water better than bottled waters.

Main features

- For well water or town water
- Removes particles and organics as well as dissolved metals.
- Gives excellent tasting water
- Convenient – filter, purify and heat water at the same time.
- Fast – just fill and start. No waiting for water to filter through.
- Keeps track of filter age – even when unplugged!
- Energy efficient: two different levels of heater controlled by smart electronics minimize energy use.

This is what Purity does

- Makes water healthier
- Gives you great tasting water
- Provides an alternative to expensive bottled water.

How it works

Fill the jug with tap water through the filter cartridge. This removes particles and inorganic contaminants. Remove the filter and start purifying the water. After reaching boiling point, the electronics keep the water just at boiling point for a number of minutes. During this degassing, bubbles of vapor form and rise to the surface, effectively ensuring the escape of chlorine and chlorination by-products. The prolonged heat in the water kills bacteria, viruses and other pathogens.



REDUCTION OF CONTAMINANTS

Type of contamination	Reduction (%) with Purity
Chlorine	100
Trihalomethanes Chloroform Bromoform Bromodichloromethane Dibromochloromethane	>95
Microorganisms Cryptosporidium Giardia lamblia E.Coli	100
Viruses, parasites	100
VOC's Volatile Organic Chemicals	>85*
BTX Benzene	>80
Radon	100
Smell	100
Color	100

*The average reduction of 26 tested volatile organic compounds
The contaminants mentioned do not necessarily exist in all drinking water.
Also, there are other contaminants not mentioned that may exist in drinking water.

Contaminant Removed	Input Concentration (mg/L)	Reduction (%) note
Iron	0.17	85
Manganese	0.07	70
Lead	150	95
Calcium	140	50
Fluoride	0.3	50
Copper	3	74
Aluminum	200	90

Note: For the non-volatile substances, the reduction is approximate, because it may vary depending on the composition of the water.

SPECIFICATIONS

Water capacity:	Maximum 1.2L min 0.7L
Power:	230 V ~ 50 Hz / 2200
Heater:	Twin element 1750W + 450W
Power cord length:	0.7 metres for base. Cord is rewindable
Interface:	Strix 360° cordless interface
Filtration system:	Strix Aqua Optima
Control circuit:	Electronic sensor
Dimensions kettle body:	WLH 140x250x280mm
Dimensions kettle with power base:	WLH 160 x 264 x 312mm
Weight approx.:	1.6 kg
Weight including filter approx.:	1.8 kg
Design:	Egnell&Bodin
Other:	Lockable lid with safety catch, thermal cut-out and lime-scale filter. Filling jug 1.0L.
Filter age counter:	Electronic display, 30 days and 60 days.
Patent protection:	Swedish 510 287, 518 388 and foreign equivalents.

A more environmentally friendly alternative to bottled water.

The PO210 uses only slightly more energy than required to bring the water to the boil. You get good, safe water without the bother of lugging bottles around. PO210 means less environmental burden from transport and waste disposal.

PURITY AB

Riddargatan 16, SE-114 51 Stockholm, SWEDEN
Tel: +46 8 6678620, Fax +46 8 662 96 18, Email: info@purity.se

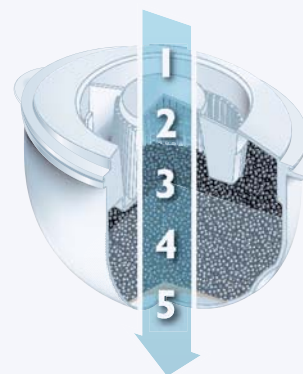
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Filter age counter with electronic display



1 litre filling jug for convenient "fill and start"



- 1. Fine Filter:** removes larger particles including sediment and rust.
- 2. Activated Carbon:** removes harmful organic compounds such as herbicides and pesticides.
- 3. Special Ion Exchange Resin:** reduces the amount of aluminium, lead, copper and other metals. This resin also reduces the alkalinity that causes limescale in hard water areas.
- 4. Ultra Fine Mesh:** traps the really small particles, boosting the water's clarity and brightening it.
- 5. Engineered Fast Flow Technology:** gives consistent fast flow rate throughout the filter's life, and allows water to be filtered and boiled simultaneously.