

SECCUA ANTI-ARSENIC

The Seccua AntiArsenic module for the BioFilter removes arsenic below the critical 10 ppb threshold (US Environmental Protection Agency standard) and binds the arsenic irreversibly to the filter medium.

Easy removal of arsenic from drinking water

Arsenic in water comes both from natural sources and from human-induced pollution. The resulting possible arsenic contamination in drinking water poses a major threat to human health. In certain areas, the concentration of arsenic can reach up to 1,500 ppb. The World Health Organization (WHO) recommends a maximum pollutant load of 10 ppb in the drinking water supply.

The Seccua AntiArsenic media reduce arsenic load accordingly and thus meet the recommended requirements. A layer of iron oxide, which is coated on the resin, binds the arsenic in a special surface.

Seccua AntiArsenic in brief

- ☞ Reduces arsenic and fluoride in drinking water
- ☞ No chemicals – completely environmentally friendly



Technical data - Seccua AntiArsenic

Medium

Ion exchange resin for selective arsenic adsorption

Capabilities (1)

- reduce the arsenic contamination in potable water supplies
- meets stringent requirements of regional legislation

Capacity (2)

- When combined: The filter media will last for 175'000 liters (46'230 US gal) to 420'000 liters (110'952 US gal)
- When stand-alone: The filter media will last for 350'000 liters (92'460 US gal) to 840'000 liters (221'904 US gal)

Max. flow

- When stand-alone: 420 l/h (2 gpm) continuous and peak load
- When combined: 210 l/h (1 gpm) continuous and peak load