



FerroLox™

Adsorption Technology

WATCH®
ER
WATCH WATER

a Water Company

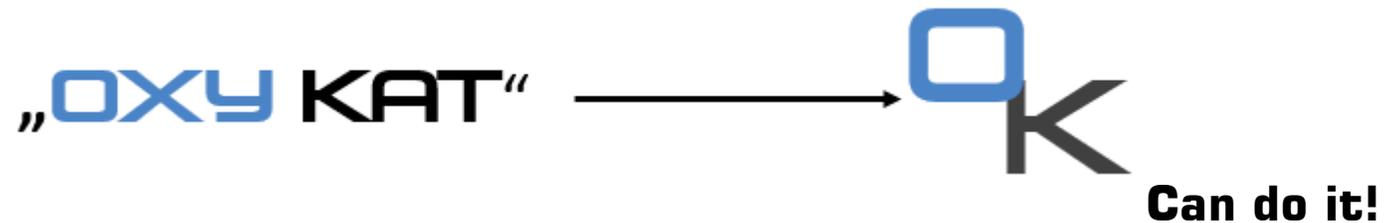
FERROLOX[®] ferric hydroxide based Adsorber is used for the removal of Arsenic, Copper, Chromium, Phosphates and other heavy metals from drinking water as well as treated waste water.



When using **FERROLOX**[®] there is no need or pre-oxidation is not required to remove Arsenic from water. Once, the media has exhausted its **ADSORPTION** capacity, it is removed from the Adsorber vessel and replaced with the new FERROLOX[®] media

If municipalities decide for very large systems and do not want to use **FERROLOX**® they can inject ferric hydroxide in front of **Katalox Light**® system. So, instead of using two different filters **Katalox Light**® and **FERROLOX**® one can adopt only **Katalox Light**® with Ferric Chloride dosing. The **Katalox Light**® precipitate Iron hydroxide with a chemical reaction and precipitated iron – hydroxide attracts the arsenic, removes and absorbs the arsenic from water and ultimately free from arsenic. Precipitated arsenic can be backwashed with all filtered particles. No dosing is required if dissolved iron in water is 0.5 ppm or more. More the iron, better would be the removal capacity.

The EPA has reduced the maximum contaminant level of arsenic from 10 ppb down to 5 ppb and only dosing of



Request for **OXYKAT** Technical Datasheet

NOTE: “The new drinking water guidelines for arsenic, copper, chromium, phosphates coming in January 2014 and thanks to the technologies like **Katalox Light**[®] which can be used in all applications and ensure safe drinking water for every resident in the “WORLD”.

Only with a very simple **Manual System** the citizens will not have to think about the water that they are drinking at all. They will continue to go to the tap as they always have to cook daily food, irrigate their farms, feed the animals, pets and know that this is the best quality water that they are going to get, which is safe and they really do not have any concerns. Manual Systems are prospective solution that the communities will install filters and adsorbents because of financial possibilities.

More on **Watch Water**[®] Adsorbents

- >> **TITANSORB**[®] (Titanium dioxide based)
- >> **FERROLOX**[®] (Iron hydroxide based)



MN Series Poly-glass Filtration and Removal

Watch Water technologies offers a full line of poly – glass/ manual filters and adsorbent media engineered to remove contaminants from low pressure (1 bar) up to high pressure (10 bars)

Pressure lines providing maximum corrosion resistance.
poly-glass reinforced pressure tanks with polyethylene liner.

They are suitable for Residential, Commercial and Industrial applications.

MN (manual) series filters and adsorbent systems are manufactured with

- EASY to operate
- Odor removal
- Decolorization (color removal)
- Iron, Manganese, Arsenic, Hydrogen Sulfide removal
- Drinking water Municipal systems
- Process water Filtration
- Ground water remediation
- Possibility of Disinfection with OXYDES dosing
- No electric connection



Available for Purchase
Ask for Distributor



A dynamic splash of clear blue water forms a circular shape around the text. The water is captured in mid-air, with various droplets and splashes, creating a sense of movement and freshness. The background is plain white, making the blue water stand out.

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