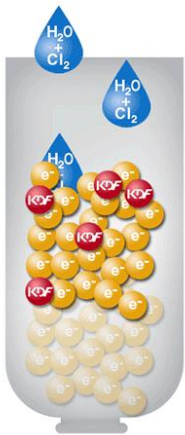


How Does KDF Process Media Work?

KDF Fluid Treatment's unique combination of copper and zinc creates an electro-chemical reaction. During this reaction, electrons are transferred between molecules, and new elements are created. Some harmful contaminants are changed into harmless components. Free chlorine, for instance, is changed into benign, water-soluble chloride, which is then carried harmlessly through the water supply. Similarly, some heavy metals such as copper, lead, mercury and others, react to plate out onto the medium's surface, thus being effectively removed from the water supply.

Why Use KDF Process Media?

- 1.) Because KDF Process Media enhances the performance, extends the life, reduces the maintenance and lower the total cost of and outperform many available carbon-based systems.
- 2.) KDF Process Media help control microorganisms by creating an environment that's deadly to some microorganisms and that interferes with the ability of many other microorganisms to function. Either way, the use of KDF Process Media results in the total elimination of some contaminants, such as chlorine and heavy metals and a great reduction of a wide variety of others.



Chemical Reaction in Filters with KDF® Process Media

KDF® media donating two negatively charged electrons to each Molecule of chlorine to reduce it to the lower oxidation state of chloride. Chloride are highly soluble and innocuous molecules that don't possess oxidation properties any longer.

PuraClean  Water