

## Charcoal Water Filters 2020 Global Trends, Market Size, Share, Status, SWOT Analysis and Forecast to 2026

WiseGuyRerports.com Presents "Global Charcoal Water Filters Market Professional Survey Report 2019" New Document to its Studies Database

PUNE, MAHARASTRA, INDIA, February 17, 2020 /EINPresswire.com/ --Water is the most essential substance to survive in the World. And cleaning water is a necessary activity for the human body to function. From food digestion to waste removal in daily routine of lives, water plays a vital role. However, many organic, inorganic, mineral and other material substances are often found in water. Therefore, it



is a necessity to install a water filter. Nowadays, <u>charcoal water filters</u> are being a very popular method to remove toxins from water. Charcoal filters are widely used water filters in the home.

The activated charcoal or charcoal acts as adsorption in the water filtration process. The charcoal water filters are the most effective and natural method to remove chlorine and volatile organic compounds without using any chemical compound. Based on regular use, the charcoal can last up to 24 months. But the filtration process is limited as the charcoal only able to remove organic compounds that affect the taste and odor of water. Charcoal does not involve in the removal of heavy materials, bacteria, microbials, salt, mineral, fluoride, and any dissolved inorganic substances.

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**Key Players** 

Far Eastern New Century Corporation Qingdao Clear Tai An Xinhuanneng Shanghai Xianeng Zhong Guo Shi Hua Qingdao Vert ...

Charcoal activation is obtained by the process of superheating the charcoal without oxygen at a

temperature of 1000F; after that, charcoal is treated with argon and nitrogen, then again goes through further superheating with the addition of oxygen and steam that creates a porous structure. The porous structure of the activated charcoal is a significant factor that filters water so effectively. The pores of activated charcoal expand all over the surface area of the charcoal up to 2000 square meters per gram, which tends to improve its adsorption efficiency in the water filter. The demand for charcoal water filters is increasing, as they have many health benefits.

## Market Segmentation

The Global market of charcoal water filters has segmented primarily depending on their product type that collectively includes Polyacrylonitrile, Phenolic fiber, and oil. The Polyacrylonitrile does not melt in normal conditions. Before melting, it usually degrades, then melts at 300 °C or more. Phenolic fiber is capable of resisting heat extremely. It doesn't melt like other fibers.

Depending upon the application, it is segmented as industrial kilns, industrial boiler, industrial furnace, and power plant boilers.

## **Geographical Regions**

Based on the region, the global industry of the charcoal water filters market includes China, Japan, Malaysia, India, Philippines, Indonesia, Australia, Vietnam, Korea, from Asia-Pacific. The United States of America, Canada, from North America. Germany, France, the UK, Scandinavia, Italy, Spain, and the Rest of the European countries. Several states of the States of Central and South America. And the United Arab Emirates, Saudi Arabia, Turkey, Egypt, South Africa, and GCC Countries from the Middle East and Africa.

## Industry News

The Global charcoal water filters market is expected to grow at a Compound Annual Growth Rate (CAGR), which is more than its expectations by the year 2025. The Global market of charcoal water filters was recorded to be moving at a higher positive side in the year 2018. The forecast period of the charcoal water filters market is term as 2019-2025.

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