

# Ceramic Filters Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global ceramic filters market size reached US\$ 1.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.5 Billion by 2028, exhibiting a growth rate (CAGR) of 13.4% during 2023-2028.

A ceramic filter refers to a versatile filter that use natural media to decontaminate air or to remove sediments from potable water. Ceramic water filters majorly consist of a ceramic filter candle, or cartridge, to process the water and filter out bacteria, turbidity, viruses, protozoa, microbial cysts and other contaminants through a network of pores. These filters are majorly manufactured using fine silica powder, along with various types of clays, such as white kaolin, red terracotta and back clay. They are usually installed in households or used as a portable filtration device that can be gravity- or pressure-fed, placed under the sink, on a countertop or used for light industrial applications.

### Ceramic Filters Market Trends:

Rapid industrialization, along with the increasing demand for clean water across the commercial, residential and industrial sectors, is one of the key factors driving the growth of the market. Ceramic water filters are widely used for filtering drinking water, treating industrial wastewater for disposal, bio-filtration and hot-gas filtration.

Furthermore, rising environmental concerns among the masses are providing a boost to the market growth. Traditional water filters emit toxic gaseous and volatile organic compounds that are hazardous for health and the environment. Ceramic filters offer superior cleaning capacities and high mechanical strength, owing to which they are gaining traction in the market. Additionally, various product innovations, such as the

utilization of silver-impregnated activated carbon in ceramic filters and the incorporation of silicon carbide and titanium dioxide to offer enhanced filtration of harmful pathogens, bacteria and other water chemicals, are also projected to drive the market further.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global ceramic filters market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type and application.

#### Breakup by Product Type:

Ceramic Water Filter

Ceramic Air Filter

#### Breakup by Application:

Residential

Commercial

Industrial

Hot Gas Filtration

Oil/Water Separation

Bio-Filtration

Others

#### Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

the competitive landscape of the industry has also been examined with some of the key players being Unifrax I Llc, 3M Company, Anguil Environmental Systems Inc., Ceramic Filters Company Inc., Clear Edge (Filtration Group Corporation), Glosfume Technologies Ltd., Haldor Topsoe A/S, Klt Filtration Limited, Pall Corporation (Danaher Corporation), Tri-Mer Corporation, Veolia Environnement S.A., etc.

Key Questions Answered in This Report:

How has the global ceramic filters market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global ceramic filters market?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global ceramic filters market and who are the key players?

What is the degree of competition in the industry?

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