

# Global CTO Filter Cartridge Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global CTO Filter Cartridge market size was valued at US\$ 1736 million in 2025 and is forecast to a readjusted size of US\$ 3036 million by 2032 with a CAGR of 8.6% during review period.

A CTO filter cartridge is a water-treatment cartridge made from compressed activated carbon blocks. Its main function of removing chlorine, unpleasant taste, and odor from water. Through adsorption and micro-porous filtration of activated carbon, CTO cartridges can also reduce organic compounds, certain heavy metals, and other contaminants, making them widely used in drinking water systems, reverse-osmosis pre-filtration, beverage equipment, and commercial water treatment systems. In 2025, global CTO filter cartridge sales is estimated at about 1250 million units, with an average ex-factory price of around US\$1.35 per unit, and an industry production capacity of about 1900 million units per year, and a typical gross margin range of 20%?35%.

The industry chain of CTO filter cartridges consists of upstream suppliers of activated carbon (coal-based or coconut shell), binders and plastic housings, midstream manufacturers producing carbon block cartridges through extrusion and molding processes, and downstream distribution through water purifier OEMs, beverage equipment suppliers, and filtration channels serving residential, commercial, and industrial water treatment markets.

This report is a detailed and comprehensive analysis for global CTO Filter Cartridge market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this

report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

**Key Features:**

Global CTO Filter Cartridge market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global CTO Filter Cartridge market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global CTO Filter Cartridge market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global CTO Filter Cartridge market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for CTO Filter Cartridge

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global CTO Filter Cartridge market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Pentair, 3M Purification, KX Technologies, Omnipure Filter, Atlas Filtri, Hydronix, LiquaTec, Rajah Filter Technics, Brother Filtration, Wuhu Huaji Filtration Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

CTO Filter Cartridge market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Coconut Shell-based Charcoal

Coal-based Charcoal

Others

### Market segment by Filtration Precision

Below 1 ?m

1-10 ?m

Above 10 ?m

### Market segment by Market

OEM

Replacement

### Market segment by Application

Residential

Commercial

Industrial

Others

#### Major players covered

Pentair

3M Purification

KX Technologies

Omnipure Filter

Atlas Filtri

Hydronix

LiquaTec

Rajah Filter Technics

Brother Filtration

Wuhu Huaji Filtration Technology

Purepro Water

Hangzhou Darlly

#### Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe CTO Filter Cartridge product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of CTO Filter Cartridge, with price, sales quantity, revenue, and global market share of CTO Filter Cartridge from 2021 to 2026.

Chapter 3, the CTO Filter Cartridge competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the CTO Filter Cartridge breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and CTO Filter Cartridge market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of CTO Filter Cartridge.

Chapter 14 and 15, to describe CTO Filter Cartridge sales channel, distributors,

customers, research findings and conclusion.

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