

Hollow Fiber Filtration Market Size, Share & Trends Analysis Report By Membrane Material (Polysulfone), By Process (Single-use Hollow Fiber Membranes), By Technology, By Application, By End-users, By Region, And Segment Forecasts, 2023 - 2030

<https://marketpublishers.com/r/H975FDAFFFC1EN.html>

Date: November 2022

Pages: 150

Price: US\$ 5,950.00 (Single User License)

ID: H975FDAFFFC1EN

Abstracts

This report can be delivered to the clients within 3 Business Days

Hollow Fiber Filtration Market Growth & Trends

The global hollow fiber filtration market size is expected to reach USD 1.76 billion by 2030, according to a new report by Grand View Research, Inc. The market is anticipated to expand at a CAGR of 14.3% from 2023 to 2030. The rising demand for bioprocessing products, the availability of skilled professionals, and expanding growth opportunities in the biopharma sector are among the key factors expected to propel market revenue growth during the forecast period.

The rising prevalence of infectious diseases, combined with lower bio-manufacturing costs, has rekindled interest in the creation of single-use hollow fiber technologies that can be readily adaptable to continuous processing and to provide treatment for diseases such as cancer and the common flu. For instance, cancer.org estimates that there are 609,360 cancer deaths and 1.9 million new cases of cancer in the U.S. in 2022.

Furthermore, hollow fiber (HF) systems are used in the efficacy testing of a drug, and the absorptive membrane on the fiber wall is utilized to control the release of a drug. Moreover, hollow fibers also create effective drug carriers due to their high ratio of surface area to volume and loading flexibility. This is expected to fuel the growth of the

hollow fiber filter market.

Hollow fiber filtration (HFF) is also used to treat domestic wastewater. This is expected to drive the hollow fiber filtration industry forward. By concentrating microorganisms inside individual hollow fibers, hollow fiber ultrafiltration is employed to test source water for naturally occurring protozoa and to purify drinking water. HFF works similarly to capillary and tubular filtration systems, but with a smaller tube size for greater flexibility. For instance, in April 2021, Researchers at the Indian Institute of Technology Guwahati developed a microfiltration method to remove microplastics from seawater, preventing the incorporation of plastic residues in edible salt retrieved from it.

The need for HFF to prevent a wide range of infections has increased as a result of the COVID-19 pandemic. The development of hollow fiber applications enabled the expansion of new approaches for the prevention and detection of the COVID-19 virus & other viral infections. For instance, as per the published article, in January 2022, due to its enclosed space air remediation to grab the aerosolized synthetic SARS-CoV-2 & pseudovirus particles, the HF membrane effectively removes synthetic COVID-19 virus from the air. Additionally, due to an increase in activities for R&D for HF membrane across the globe, driving the market growth.

Furthermore, there has been a distinguishable trend toward association in recent years, with players trying to form strategic associations to assist market growth. For instance, in June 2021, Repligen Corporation announced the acquisition of Polymem S.A. ('Polymem'), one of the largest manufacturing firms in the development and production of hollow fiber membranes & modules based in Toulouse, France.

Hollow Fiber Filtration Market Report Highlights

By membrane material, the polyethersulfone (PES) segment accounted for the largest share in 2022. Growing filtration needs in the sanitary and food & beverage industries are expected to drive up demand for membranes, which will drive up usage of Polyethersulfone during the forecast period.

By process, the reusable hollow fiber membranes segment held a larger share in 2022. The rapid set-up, easy scalability, and extensive use will promote the sector's growth.

By technology, the microfiltration segment held a larger share in 2022. Membrane microfiltration technology is becoming increasingly popular in

applications such as pharmaceuticals, dairy products, food & beverage, and wastewater treatment.

By end-user, pharmaceutical & biotechnology companies, held a larger share in 2022. Technological advancements in the pharmaceutical and biotechnology sectors, as well as the rapid growth of the biopharmaceutical sector globally, are expected to contribute to this segment's revenue growth over the forecast period.

North America held the largest share in 2022. This is mostly attributed to the occurrence of significant market participants, as well as rising R&D spending and federal assistance.

Asia Pacific is expected to grow at the highest rate in a projected time period. Driven by factors such as the rising prevalence of target diseases with an aging population, rising hollow fiber filtration technique adoption, and others.

Contents

CHAPTER 1 RESEARCH METHODOLOGY

- 1.1 Market Segmentation & Scope
 - 1.1.1 Estimates And Forecast Timeline
- 1.2 Research Methodology
- 1.3 Information Procurement
 - 1.3.1 Purchased Database
 - 1.3.2 Gvr's Internal Database
 - 1.3.3 Secondary Sources
 - 1.3.4 Primary Research
 - 1.3.5 Details Of Primary Research
- 1.4 Information Or Data Analysis
 - 1.4.1 Data Analysis Models
- 1.5 Market Formulation & Validation
- 1.6 Model Details
 - 1.6.1 Commodity Flow Analysis
 - 1.6.1.1 Approach 1: Commodity Flow Approach
 - 1.6.1.2 Approach 2: Country-Wise Market Estimation Using Bottom-Up Approach
- 1.7 Global Market: Cagr Calculation
- 1.8 Research Assumptions
- 1.9 List Of Secondary Sources
- 1.10 List Of Primary Sources
- 1.11 Objectives
 - 1.11.1 Objective 1:
 - 1.11.2 Objective 2:
- 1.12 List Of Abbreviations

CHAPTER 2 MARKET DEFINITIONS

CHAPTER 3 EXECUTIVE SUMMARY

- 3.1 Market Summary

CHAPTER 4 GLOBAL HOLLOW FIBER FILTRATION MARKET VARIABLES, TRENDS, & SCOPE

- 4.1 Hollow Fiber Filtration Market Lineage Outlook

- 4.1.1 Parent Market Outlook
- 4.2 Penetration And Growth Prospect Mapping
- 4.3 Regulatory Framework
- 4.4 Market Driver Analysis
 - 4.4.1 Growth In The Biopharmaceutical Industry
 - 4.4.2 Increasing Preference For Continuous Manufacturing
 - 4.4.3 Increasing Usage Of Single-Use Technologies
- 4.5 Market Restraint Analysis
 - 4.5.1 Lack Of Skilled Professional
 - 4.5.2 Stringent Regulations Regarding Drug Safety
- 4.6 Porter's Five Forces Analysis
- 4.7 SWOT Analysis
- 4.8 COVID-19 Impact Analysis

CHAPTER 5 HOLLOW FIBER FILTRATION MARKET - SEGMENT ANALYSIS, BY MEMBRANE MATERIAL, 2018 - 2030 (USD MILLION)

- 5.1 Global Hollow Fiber Filtration Market: Membrane Material Movement Analysis
- 5.2 Polysulfone (PS)
 - 5.2.1 Polysulfone (PS) Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 5.3 Mixed Cellulose Ester
 - 5.3.1 Mixed Cellulose Ester Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 5.4 Polyvinylidene Difluoride (PVDF)
 - 5.4.1 Polyvinylidene Difluoride (PVDF) Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 5.5 Polyethersulfone (PES)
 - 5.5.1 Polyethersulfone (PES) Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 5.6 Others
 - 5.6.1 Others Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 6 HOLLOW FIBER FILTRATION MARKET - SEGMENT ANALYSIS, BY PROCESS, 2018 - 2030 (USD MILLION)

- 6.1 Global Hollow Fiber Filtration Market: Process Movement Analysis
- 6.2 Single-Use Hollow Fiber Membranes
 - 6.2.1 Single-Use Hollow Fiber Membranes Market Estimates And Forecast, 2018 - 2030 (USD Million)

6.3 Reusable Hollow Fiber Membranes

6.3.1 Reusable Hollow Fiber Membranes Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 7 HOLLOW FIBER FILTRATION MARKET- SEGMENT ANALYSIS, BY TECHNOLOGY, 2018 - 2030 (USD MILLION)

7.1 Hollow Fiber Filtration Market: Technology Movement Analysis

7.2 Microfiltration

7.2.1 Microfiltration Market Estimates And Forecast, 2018 - 2030 (USD Million)

7.3 Ultrafiltration

7.3.1 Ultrafiltration Market Estimates And Forecast, 2018 - 2030 (USD Million)

7.4. Others

7.4.1 Others Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 8 HOLLOW FIBER FILTRATION MARKET- SEGMENT ANALYSIS, BY APPLICATION, 2018 - 2030 (USD MILLION)

8.1 Hollow Fiber Filtration Market: Application Movement Analysis

8.2 Virus Or Viral Vector Filtration

8.2.1 Virus Or Viral Vector Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)

8.3 Protein Concentration & Diafiltration

8.3.1 Protein Concentration & Diafiltration Market Estimates And Forecast, 2018 - 2030 (USD Million)

8.4. Cell Culture Harvest & Clarification

8.4.1 Cell Culture Harvest & Clarification Market Estimates And Forecast, 2018 - 2030 (USD Million)

8.3 Raw Material Filtration

8.3.1 Raw Material Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)

8.4. Others

8.4.1 Others Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 9 HOLLOW FIBER FILTRATION MARKET- SEGMENT ANALYSIS, BY END-USERS, 2018 - 2030 (USD MILLION)

9.1 Hollow Fiber Filtration Market: End-Users Movement Analysis

9.2 Pharmaceutical & Biotechnology Companies

9.2.1 Pharmaceutical & Biotechnology Companies Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.3 Cmos & Cros

9.3.1 Cmos & Cros Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.4. Academic & Research Institutes

9.4.1 Academic & Research Institutes Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 10 HOLLOW FIBER FILTRATION MARKET: - SEGMENT ANALYSIS, BY REGION, 2018 - 2030 (USD MILLION)

10.1 Hollow Fiber Filtration Market: Regional Movement Analysis

10.2 North America

10.2.1 Swot Analysis

10.2.1.1 North America Hollow Fiber Filtration Market, 2018 - 2030 (Usd Million)

10.2.2 U.S.

10.2.2.1 Key Country Dynamics

10.2.2.2 Competitive Scenario

10.2.2.3 U.S. Hollow Fiber Filtration Market, 2018 - 2030 (Usd Million)

10.2.3 Canada

10.2.3.1 Key Country Dynamics

10.2.3.2 Competitive Scenario

10.2.3.3 Canada Hollow Fiber Filtration Market, 2018 - 2030 (Usd Million)

10.3 Europe

10.3.1 Swot Analysis

10.3.1.1 Europe Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)

10.3.2 Germany

10.3.2.1 Key Country Dynamics

10.3.2.2 Competitive Scenario

10.3.2.3 Germany Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)

10.3.3 France

10.3.3.1 Key Country Dynamics

10.3.3.2 Competitive Scenario

10.3.3.3 France Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)

10.3.4 U.K.

10.3.4.1 Key Country Dynamics

10.3.4.2 Competitive Scenario

10.3.4.3 U.K. Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)

- 10.3.5 Italy
 - 10.3.5.1 Key Country Dynamics
 - 10.3.5.2 Competitive Scenario
 - 10.3.5.3 Italy Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.3.6 Spain
 - 10.3.6.1 Key Country Dynamics
 - 10.3.6.2 Competitive Scenario
 - 10.3.6.3 Spain Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.3.7 Denmark
 - 10.3.7.1 Key Country Dynamics
 - 10.3.7.2 Competitive Scenario
 - 10.3.7.3 Denmark Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.3.8 Sweden
 - 10.3.8.1 Key Country Dynamics
 - 10.3.8.2 Competitive Scenario
 - 10.3.8.3 Sweden Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.3.9 Norway
 - 10.3.9.1 Key Country Dynamics
 - 10.3.9.2 Competitive Scenario
 - 10.3.9.3 Norway Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.3.10 Rest Of Europe
 - 10.3.10.1 Key Country Dynamics
 - 10.3.10.2 Competitive Scenario
 - 10.3.10.3 Rest Of Europe Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.4 Asia Pacific
 - 10.4.1 Swot Analysis
 - 10.4.1.1 Asia Pacific Hollow Fiber Filtration, 2018 - 2030 (USD Million)
 - 10.4.2 Japan
 - 10.4.2.1 Key Country Dynamics
 - 10.4.2.2 Competitive Scenario
 - 10.4.2.3 Japan Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.4.3 China
 - 10.4.3.1 Key Country Dynamics
 - 10.4.3.2 Competitive Scenario
 - 10.4.3.3 China Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.4.4 India
 - 10.4.4.1 Key Country Dynamics
 - 10.4.4.2 Competitive Scenario

- 10.4.4.3 India Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.4.5 Australia
 - 10.4.5.1 Key Country Dynamics
 - 10.4.5.2 Competitive Scenario
 - 10.4.5.3 Australia Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.4.6 South Korea
 - 10.4.6.1 Key Country Dynamics
 - 10.4.6.2 Competitive Scenario
 - 10.4.6.3 South Korea Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.4.7 Thailand
 - 10.4.7.1 Key Country Dynamics
 - 10.4.7.2 Competitive Scenario
 - 10.4.7.3 Thailand Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.4.8 Rest Of Asia Pacific
 - 10.4.8.1 Key Country Dynamics
 - 10.4.8.2 Competitive Scenario
 - 10.4.8.3 Rest Of Asia Pacific Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.5 Latin America
 - 10.5.1 Swot Analysis
 - 10.5.1.1 Latin America Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.5.2 Brazil
 - 10.5.2.1 Key Country Dynamics
 - 10.5.2.2 Competitive Scenario
 - 10.5.2.3 Brazil Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.5.3 Mexico
 - 10.5.3.1 Key Country Dynamics
 - 10.5.3.2 Competitive Scenario
 - 10.5.3.3 Mexico Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.5.4 Argentina
 - 10.5.4.1 Key Country Dynamics
 - 10.5.4.2 Competitive Scenario
 - 10.5.4.3 Argentina Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
 - 10.5.5 Rest Of Latin America
 - 10.5.5.1 Key Country Dynamics
 - 10.5.5.2 Competitive Scenario
 - 10.5.5.3 Rest Of Latin America Hollow Fiber Filtration Market, 2018 - 2030 (USD Million)
- 10.6 Middle East & Africa (MEA)

- 10.6.1 Swot Analysis
 - 10.6.1.1 MEA Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.6.2 South Africa
 - 10.6.2.1 Key Country Dynamics
 - 10.6.2.2 Competitive Scenario
 - 10.6.2.3 South Africa Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.6.3 Saudi Arabia
 - 10.6.3.1 Key Country Dynamics
 - 10.6.3.2 Competitive Scenario
 - 10.6.3.3 Saudi Arabia Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.6.4 UAE
 - 10.6.4.1 Key Country Dynamics
 - 10.6.4.2 Competitive Scenario
 - 10.6.4.3 UAE Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.6.5 Kuwait
 - 10.6.5.1 Key Country Dynamics
 - 10.6.5.2 Competitive Scenario
 - 10.6.5.3 Kuwait Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 10.6.6 Rest Of MEA
 - 10.6.6.1 Key Country Dynamics
 - 10.6.6.2 Competitive Scenario
 - 10.6.6.3 Rest Of Mea Hollow Fiber Filtration Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 11 COMPETITIVE LANDSCAPE

- 11.1 Participant's Overview
 - 11.1.1 Sartorius Ag
 - 11.1.2 Danaher Corporation
 - 11.1.3 Repligen Corporation
 - 11.1.4 Merck Kga
 - 11.1.5 Asahi Kasei Corporation
 - 11.1.6 Parker Hannifin Corporation
 - 11.1.7 Cole Parmer

- 11.1.8 Sterlitech Corporation
- 11.1.9 Synder Filtration, Inc.
- 11.1.10 Meissner Filtration Products, Inc.
- 11.2 Financial Performance
- 11.3 Participant Categorization
 - 11.3.1 Market Leaders
 - 11.3.1.1 Hollow Fiber Filtration Market Share Analysis, 2022
 - 11.3.2 Strategy Mapping
 - 11.3.2.1 Expansion
 - 11.3.2.2 Acquisition
 - 11.3.2.3 Collaborations
 - 11.3.2.4 Product/Service Launch
 - 11.3.2.5 Partnerships
 - 11.3.2.6 Others

List Of Tables

LIST OF TABLES

TABLE 1 List of secondary sources

TABLE 2 List of abbreviations

TABLE 3 Global Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 4 Global Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 5 Global Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 6 Global Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 7 Global Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 8 North America Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 9 North America Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 10 North America Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 11 North America Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 12 North America Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 13 North America Hollow Fiber Filtration Market by Country, 2018 - 2030 (USD Million)

TABLE 14 U.S. Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 15 U.S. Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 16 U.S. Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 17 U.S. Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 18 U.S. Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 19 Canada Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 20 Canada Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 21 Canada Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 22 Canada Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 23 Canada Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 24 Europe Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 25 Europe Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 26 Europe Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 27 Europe Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 28 Europe Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 29 Europe Hollow Fiber Filtration Market by Country, 2018 - 2030 (USD Million)

TABLE 30 U.K. Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 31 U.K. Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 32 U.K. Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 33 U.K. Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 34 U.K. Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 35 Germany Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 36 Germany Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 37 Germany Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 38 Germany Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 39 Germany Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 40 France Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 41 France Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 42 France Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 43 France Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 44 France Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 45 Italy Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

- TABLE 46 Italy Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)
- TABLE 47 Italy Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)
- TABLE 48 Italy Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)
- TABLE 49 Italy Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)
- TABLE 50 Spain Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)
- TABLE 51 Spain Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)
- TABLE 52 Spain Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)
- TABLE 53 Spain Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)
- TABLE 54 Spain Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)
- TABLE 55 Denmark Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)
- TABLE 56 Denmark Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)
- TABLE 57 Denmark Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)
- TABLE 58 Denmark Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)
- TABLE 59 Denmark Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)
- TABLE 60 Sweden Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)
- TABLE 61 Sweden Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)
- TABLE 62 Sweden Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)
- TABLE 63 Sweden Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)
- TABLE 64 Sweden Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)
- TABLE 65 Norway Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)
- TABLE 66 Norway Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)
- TABLE 67 Norway Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)
- TABLE 68 Norway Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 69 Norway Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 70 Rest of Europe Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 71 Rest of Europe Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 72 Rest of Europe Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 73 Rest of Europe Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 74 Rest of Europe Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 75 Asia Pacific Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 76 Asia Pacific Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 77 Asia Pacific Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 78 Asia Pacific Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 79 Asia Pacific Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 80 Asia Pacific Hollow Fiber Filtration Market by Country, 2018 - 2030 (USD Million)

TABLE 81 China Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 82 China Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 83 China Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 84 China Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 85 China Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 86 Japan Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 87 Japan Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 88 Japan Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 89 Japan Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 90 Japan Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 91 India Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 92 India Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 93 India Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 94 India Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 95 India Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 96 Australia Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 97 Australia Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 98 Australia Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 99 Australia Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 100 Australia Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 101 Thailand Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 102 Thailand Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 103 Thailand Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 104 Thailand Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 105 Thailand Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 106 South Korea Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 107 South Korea Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 108 South Korea Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 109 South Korea Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 110 South Korea Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 111 Rest of Asia Pacific Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 112 Rest of Asia Pacific Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 113 Rest of Asia Pacific Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 114 Rest of Asia Pacific Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 115 Rest of Asia Pacific Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 116 Latin America Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 117 Latin America Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 118 Latin America Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 119 Latin America Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 120 Latin America Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 121 Latin America Hollow Fiber Filtration Market by Country, 2018 - 2030 (USD Million)

TABLE 122 Brazil Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 123 Brazil Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 124 Brazil Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 125 Brazil Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 126 Brazil Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 127 Mexico Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 128 Mexico Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 129 Mexico Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 130 Mexico Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 131 Mexico Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 132 Argentina Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 133 Argentina Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 134 Argentina Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 135 Argentina Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 136 Argentina Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 137 Rest of Latin America Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 138 Rest of Latin America Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 139 Rest of Latin America Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 140 Rest of Latin America Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 141 Rest of Latin America Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 142 Middle East & Africa Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 143 Middle East & Africa Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 144 Middle East & Africa Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 145 Middle East & Africa Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 146 Middle East & Africa Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 147 Middle East & Africa Hollow Fiber Filtration Market by Country, 2018 - 2030 (USD Million)

TABLE 148 South Africa Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 149 South Africa Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 150 South Africa Hollow Fiber Filtration Market by Technology, 2018 - 2030

(USD Million)

TABLE 151 South Africa Hollow Fiber Filtration Market by Application, 2018 - 2030

(USD Million)

TABLE 152 South Africa Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 153 Saudi Arabia Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 154 Saudi Arabia Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 155 Saudi Arabia Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 156 Saudi Arabia Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 157 Saudi Arabia Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 158 UAE Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 159 UAE Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 160 UAE Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 161 UAE Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 162 UAE Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 163 Kuwait Hollow Fiber Filtration Market by Membrane Material, 2018 - 2030 (USD Million)

TABLE 164 Kuwait Hollow Fiber Filtration Market by Process, 2018 - 2030 (USD Million)

TABLE 165 Kuwait Hollow Fiber Filtration Market by Technology, 2018 - 2030 (USD Million)

TABLE 166 Kuwait Hollow Fiber Filtration Market by Application, 2018 - 2030 (USD Million)

TABLE 167 Kuwait Hollow Fiber Filtration Market by End-users, 2018 - 2030 (USD Million)

TABLE 168 Participant's overview

TABLE 169 Financial performance

TABLE 170 Key companies undergoing expansions

TABLE 171 Key companies undergoing acquisitions

TABLE 172 Key companies undergoing collaborations

TABLE 173 Key companies launching new products/services

TABLE 174 Key companies undergoing partnerships

TABLE 175 Key companies undertaking other strategies

List Of Figures

LIST OF FIGURES

FIGURE 1 Market research process

FIGURE 2 Data triangulation techniques

FIGURE 3 Primary research pattern

FIGURE 4 Market research approaches

FIGURE 5 Value-chain-based sizing & forecasting

FIGURE 6 QFD modeling for market share assessment

FIGURE 7 Market formulation & validation

FIGURE 8 Market summary, 2022 (USD Million)

FIGURE 9 Market segmentation & scope

FIGURE 10 Market driver impact

FIGURE 11 Market restraint impact

FIGURE 12 Penetration & growth prospect mapping

FIGURE 13 Porter's analysis

FIGURE 14 SWOT analysis

FIGURE 15 Hollow fiber filtration market: Membrane material outlook and key takeaways

FIGURE 16 Hollow fiber filtration market: Membrane material movement analysis

FIGURE 17 Global polysulfone (PS) market, 2018 - 2030 (USD million)

FIGURE 18 Global mixed cellulose ester market, 2018 - 2030 (USD million)

FIGURE 19 Global polyvinylidene difluoride (PVDF) market, 2018 - 2030 (USD million)

FIGURE 20 Global polyethersulfone (PES) market, 2018 - 2030 (USD million)

FIGURE 21 Global other single-mode readers market, 2018 - 2030 (USD million)

FIGURE 22 Hollow fiber filtration market: Process outlook and key takeaways

FIGURE 23 Hollow fiber filtration market: Process movement analysis

FIGURE 24 Global single-use hollow fiber membranes market, 2018 - 2030 (USD million)

FIGURE 25 Global reusable hollow fiber membranes market, 2018 - 2030 (USD million)

FIGURE 26 Hollow fiber filtration market: Technology outlook and key takeaways

FIGURE 27 Hollow fiber filtration market: Technology movement analysis

FIGURE 28 Global microfiltration market, 2018 - 2030 (USD million)

FIGURE 29 Global ultrafiltration market, 2018 - 2030 (USD million)

FIGURE 30 Global others market, 2018 - 2030 (USD million)

FIGURE 31 Hollow fiber filtration market: Application outlook and key takeaways

FIGURE 32 Hollow fiber filtration market: Application movement analysis

FIGURE 33 Global virus or viral vector filtration market, 2018 - 2030 (USD million)

FIGURE 34 Global protein concentration & diafiltration market, 2018 - 2030 (USD million)

FIGURE 35 Global cell culture harvest & clarification market, 2018 - 2030 (USD million)

FIGURE 36 Global raw material filtration market, 2018 - 2030 (USD million)

FIGURE 37 Global others market, 2018 - 2030 (USD million)

FIGURE 38 Hollow fiber filtration market: End-use outlook and key takeaways

FIGURE 39 Hollow fiber filtration market: End-use movement analysis

FIGURE 40 Global pharmaceutical & biotechnology companies market, 2018 - 2030 (USD million)

FIGURE 41 Global CMOs & CROs market, 2018 - 2030 (USD million)

FIGURE 42 Global academic & research institutes market, 2018 - 2030 (USD million)

FIGURE 43 Hollow fiber filtration market: Regional outlook and key takeaways

FIGURE 44 North America: SWOT Analysis

FIGURE 45 North America hollow fiber filtration market, 2018 - 2030 (USD million)

FIGURE 46 U.S. key country dynamics

FIGURE 47 U.S. hollow fiber filtration market, 2018 - 2030 (USD million)

FIGURE 48 Canada key country dynamics

FIGURE 49 Canada hollow fiber filtration market, 2018 - 2030 (USD million)

FIGURE 50 Europe: SWOT Analysis

FIGURE 51 Europe hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 52 Germany key country dynamics

FIGURE 53 Germany hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 54 France key country dynamics

FIGURE 55 France hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 56 U.K. key country dynamics

FIGURE 57 U.K. hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 58 Italy key country dynamics

FIGURE 59 Italy hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 60 Spain key country dynamics

FIGURE 61 Spain hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 62 Denmark key country dynamics

FIGURE 63 Denmark hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 64 Sweden key country dynamics

FIGURE 65 Sweden hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 66 Norway key country dynamics

FIGURE 67 Norway hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 68 Rest of Europe key country dynamics

FIGURE 69 Rest of Europe hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 70 Asia Pacific: SWOT Analysis

FIGURE 71 Asia Pacific hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 72 China key country dynamics

FIGURE 73 China hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 74 India key country dynamics

FIGURE 75 India hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 76 South Korea key country dynamics

FIGURE 77 South Korea hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 78 Japan key country dynamics

FIGURE 79 Japan hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 80 Australia key country dynamics

FIGURE 81 Australia hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 82 Thailand key country dynamics

FIGURE 83 Thailand hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 84 Rest of Asia Pacific key country dynamics

FIGURE 85 Rest of Asia Pacific hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 86 Latin America: SWOT Analysis

FIGURE 87 Latin America hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 88 Brazil key country dynamics

FIGURE 89 Brazil hollow fiber filtration market estimates and forecast, 2018 - 2030 (USD million)

FIGURE 90 Mexico key country dynamics

FIGURE 91 Mexico hollow fiber filtration market estimates and forecast, 2018 - 2030
(USD million)

FIGURE 92 Argentina key country dynamics

FIGURE 93 Argentina hollow fiber filtration market estimates and forecast, 2018 - 2030
(USD million)

FIGURE 94 Rest of Latin America key country dynamics

FIGURE 95 Rest of Latin America hollow fiber filtration market estimates and forecast,
2018 - 2030 (USD million)

FIGURE 96 MEA: SWOT Analysis

FIGURE 97 MEA hollow fiber filtration market estimates and forecast, 2018 - 2030
(USD million)

FIGURE 98 South Africa key country dynamics

FIGURE 99 South Africa hollow fiber filtration market estimates and forecast, 2018 -
2030 (USD million)

FIGURE 100 Saudi Arabia key country dynamics

FIGURE 101 Saudi Arabia hollow fiber filtration market estimates and forecast, 2018 -
2030 (USD million)

FIGURE 102 UAE key country dynamics

FIGURE 103 UAE hollow fiber filtration market estimates and forecast, 2018 - 2030
(USD million)

FIGURE 104 Kuwait key country dynamics

FIGURE 105 Kuwait hollow fiber filtration market estimates and forecast, 2018 - 2030
(USD million)

FIGURE 106 Rest of MEA key country dynamics

FIGURE 107 Rest of MEA hollow fiber filtration market estimates and forecast, 2018 -
2030 (USD million)

FIGURE 108 Heat map analysis

FIGURE 109 Market participant categorization

FIGURE 110 Hollow fiber filtrations market share analysis, 2022

FIGURE 111 Strategy framework

I would like to order

Product name: Hollow Fiber Filtration Market Size, Share & Trends Analysis Report By Membrane Material (Polysulfone), By Process (Single-use Hollow Fiber Membranes), By Technology, By Application, By End-users, By Region, And Segment Forecasts, 2023 - 2030

Product link: <https://marketpublishers.com/r/H975FDAFFFC1EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H975FDAFFFC1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970