

# **South & Central America Recirculating Aquaculture Systems Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Offering (Component and Services), Component (Filtration System, Aeration System, Pumping System, and Others), and Fishery Capacity [Small Scale (Upto 20000 Liters), Medium Scale (21000-50000 Liters), and Large Scale (Above 50000 Liters)]**

<https://marketpublishers.com/r/SAE833F054DBEN.html>

Date: November 2025

Pages: 110

Price: US\$ 3,450.00 (Single User License)

ID: SAE833F054DBEN

## **Abstracts**

The South and Central America Recirculating Aquaculture Systems (RAS) market is projected to grow significantly, reaching an estimated US\$ 510.1 million by 2031, up from US\$ 329.7 million in 2023. This growth represents a compound annual growth rate (CAGR) of 5.6% from 2023 to 2031.

## **Executive Summary**

The recirculating aquaculture systems market in South and Central America is experiencing a surge as the region seeks sustainable methods to meet the increasing demand for seafood while addressing environmental challenges. Countries like Brazil, Chile, and Colombia are at the forefront of adopting RAS due to their abundant freshwater resources, extensive coastlines, and a growing consumer preference for sustainably sourced seafood. RAS technology allows for efficient water recycling, minimizes environmental impacts, and enhances biosecurity in aquaculture operations.

Governments and private stakeholders are increasingly recognizing the importance of

RAS technology, which is reflected in the growing support through funding and regulatory measures aimed at promoting sustainable aquaculture practices. For instance, AquaMaof, a leading Israeli company in recirculating aquaculture technology, is actively expanding its presence in South and Central America by partnering with local entities to develop land-based aquaculture projects that emphasize sustainability and resource efficiency. Additionally, regional regulatory bodies and organizations are crucial in fostering the adoption of RAS by providing guidelines, training, and support to integrate these advanced technologies into the aquaculture sector.

## Market Segmentation

The South and Central America RAS market can be segmented by offering, component, and fishery capacity.

**By Offering:** The market is divided into Components and Services, with the Components segment holding the largest market share in 2023.

**By Component:** The market is further segmented into Filtration Systems, Aeration Systems, Pumping Systems, and Others, where the Filtration System segment dominated in 2023.

**By Fishery Capacity:** The market is categorized into Small Scale (up to 20,000 liters), Medium Scale (21,000-50,000 liters), and Large Scale (above 50,000 liters), with the Large Scale segment capturing the largest share in 2023.

## Market Outlook

As the global population continues to grow, the demand for seafood is expected to rise sharply, driven by changing consumer preferences towards healthier, protein-rich diets. The Food and Agriculture Organization (FAO) reports a steady increase in per capita seafood consumption, which has been bolstered by the recognition of the health benefits associated with fish and marine products. For example, the average per capita seafood consumption in the United States reached 20.5 pounds in 2021, with significant increases in fresh and frozen seafood consumption over the years.

In 2023, the U.S. exported approximately 1.28 metric tons of fish and seafood, valued at around US\$ 5.18 billion. The trends of urbanization and health-conscious eating are driving the demand for locally produced food, making RAS an attractive solution for

seafood production in urban and peri-urban areas. These systems can be implemented in locations with limited natural water resources, thus addressing local seafood needs while reducing the carbon footprint associated with transporting seafood over long distances.

## Country Insights

The South and Central America RAS market is segmented by country, including Brazil, Argentina, and the Rest of South and Central America. Brazil is the leading country in this market as of 2023. The Brazilian aquaculture sector is characterized by innovative practices that alleviate pressure on wild fish populations and promote sustainability in global seafood production.

A notable development in Brazil's aquaculture industry is the partnership between Forever Oceans, a prominent seafood company, and the Brazilian Ministry of Agriculture, Livestock, and Supply. This collaboration aims to establish a marine fish farming operation in a vast 64,000-hectare concession off the coast of Bahia, which is the largest offshore area ever dedicated to sustainable marine aquaculture. Forever Oceans employs open ocean farms for rearing fish and advanced RAS for breeding, effectively recycling seawater for efficient production.

## Competitive Landscape

Key players in the South and Central America RAS market include Veolia, AKVA Group ASA, Innovasea Systems Inc., FutureFish Aquaculture GmbH, Xylem Inc., MAT-KULING RECIRCULATING AQUACULTURE SYSTEMS, PR Aqua, ULC, Integrated Aqua Systems, Inc., AquaMaof Aquaculture Technologies Ltd., and Aquavet Solutions Limited. These companies are pursuing various strategies such as expansion, product innovation, and mergers and acquisitions to enhance their market presence and offer innovative solutions to consumers.

In conclusion, the increasing global demand for seafood presents a significant opportunity for the growth of the recirculating aquaculture systems market in South and Central America, as these systems provide a sustainable and efficient means to meet the rising need for high-quality seafood.

## Contents

### **1. INTRODUCTION**

- 1.1 Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Secondary Research
- 3.2 Primary Research
  - 3.2.1 Hypothesis formulation:
  - 3.2.2 Macroeconomic factor analysis:
  - 3.2.3 Developing base number:
  - 3.2.4 Data Triangulation:
  - 3.2.5 Country-level data:

### **4. RECIRCULATING AQUACULTURE SYSTEMS MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
  - 4.3.5 List of Vendors in the Value Chain

### **5. SOUTH AND CENTRAL AMERICA RECIRCULATING AQUACULTURE SYSTEMS MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers
- 5.2 Market Restraints
- 5.3 Market Opportunities
- 5.4 Future Trends
- 5.5 Impact of Drivers and Restraints:

### **6. RECIRCULATING AQUACULTURE SYSTEMS MARKET - SOUTH AND CENTRAL**

## **AMERICA MARKET ANALYSIS**

6.1 South and Central America Recirculating Aquaculture Systems Market Revenue (US\$ Million), 2023 - 2031

6.2 South and Central America Recirculating Aquaculture Systems Market Forecast and Analysis

## **7. SOUTH AND CENTRAL AMERICA RECIRCULATING AQUACULTURE SYSTEMS MARKET REVENUE ANALYSIS - BY OFFERING**

7.1 Component

7.1.1 Overview

7.1.2 Component: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.2 Services

7.2.1 Overview

7.2.2 Services: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

## **8. SOUTH AND CENTRAL AMERICA RECIRCULATING AQUACULTURE SYSTEMS MARKET REVENUE ANALYSIS - BY COMPONENT**

8.1 Filtration System

8.1.1 Overview

8.1.2 Filtration System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.2 Aeration System

8.2.1 Overview

8.2.2 Aeration System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.3 Pumping System

8.3.1 Overview

8.3.2 Pumping System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.4 Others

8.4.1 Overview

8.4.2 Others: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

## **9. SOUTH AND CENTRAL AMERICA RECIRCULATING AQUACULTURE SYSTEMS MARKET REVENUE ANALYSIS - BY FISHERY CAPACITY (THOUSAND LITERS)**

### 9.1 Small Scale (Upto 20000 Liters)

#### 9.1.1 Overview

9.1.2 Small Scale (Upto 20000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

### 9.2 Medium Scale (21000-50000 Liters)

#### 9.2.1 Overview

9.2.2 Medium Scale (21000-50000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

### 9.3 Large Scale (Above 50000 Liters)

#### 9.3.1 Overview

9.3.2 Large Scale (Above 50000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

## **10. SOUTH AND CENTRAL AMERICA RECIRCULATING AQUACULTURE SYSTEMS MARKET - COUNTRY ANALYSIS**

### 10.1 South and Central America

10.1.1 South and Central America Recirculating Aquaculture Systems Market Revenue and Forecast and Analysis - by Country

10.1.1.1 South and Central America Recirculating Aquaculture Systems Market Revenue and Forecast and Analysis - by Country

10.1.2.2 Brazil: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.1.2.2.1 Brazil: South and Central America Recirculating Aquaculture Systems Market Share - by Offering

10.1.2.2.2 Brazil: South and Central America Recirculating Aquaculture Systems Market Share - by Component

10.1.2.2.3 Brazil: South and Central America Recirculating Aquaculture Systems Market Share - by Fishery Capacity (Thousand Liters)

10.2.3.3 Argentina: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.2.3.3.1 Argentina: South and Central America Recirculating Aquaculture Systems Market Share - by Offering

10.2.3.3.2 Argentina: South and Central America Recirculating Aquaculture Systems Market Share - by Component

10.2.3.3.3 Argentina: South and Central America Recirculating Aquaculture

Systems Market Share - by Fishery Capacity (Thousand Liters)

10.3.4.4 Rest of South and Central America: South and Central America

Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.3.4.4.1 Rest of South and Central America: South and Central America  
Recirculating Aquaculture Systems Market Share - by Offering

10.3.4.4.2 Rest of South and Central America: South and Central America  
Recirculating Aquaculture Systems Market Share - by Component

10.3.4.4.3 Rest of South and Central America: South and Central America  
Recirculating Aquaculture Systems Market Share - by Fishery Capacity (Thousand Liters)

## **11 COMPETITIVE LANDSCAPE**

11.1 Heat Map Analysis by Key Players

11.2 Company Positioning & Concentration

## **12 INDUSTRY LANDSCAPE**

12.1 Overview

12.2 New Product Development

12.3 Merger and Acquisition

12.4 Other Strategic Developments

## **13 COMPANY PROFILES**

13.1 Veolia

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 AKVA Group ASA

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

- 13.2.6 Key Developments
- 13.3 Innovasea Systems Inc.
  - 13.3.1 Key Facts
  - 13.3.2 Business Description
  - 13.3.3 Products and Services
  - 13.3.4 Financial Overview
  - 13.3.5 SWOT Analysis
  - 13.3.6 Key Developments
- 13.4 FutureFish Aquaculture GmbH
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments
- 13.5 Xylem Inc.
  - 13.5.1 Key Facts
  - 13.5.2 Business Description
  - 13.5.3 Products and Services
  - 13.5.4 Financial Overview
  - 13.5.5 SWOT Analysis
  - 13.5.6 Key Developments
- 13.6 MAT-KULING RECIRCULATING AQUACULTURE SYSTEMS
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services
  - 13.6.4 Financial Overview
  - 13.6.5 SWOT Analysis
  - 13.6.6 Key Developments
- 13.7 PR Aqua, ULC
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Integrated Aqua Systems, Inc
  - 13.8.1 Key Facts
  - 13.8.2 Business Description

- 13.8.3 Products and Services
- 13.8.4 Financial Overview
- 13.8.5 SWOT Analysis
- 13.8.6 Key Developments
- 13.9 AquaMaof Aquaculture Technologies Ltd.
  - 13.9.1 Key Facts
  - 13.9.2 Business Description
  - 13.9.3 Products and Services
  - 13.9.4 Financial Overview
  - 13.9.5 SWOT Analysis
  - 13.9.6 Key Developments
- 13.10 Aquavet Solutions Limited
  - 13.10.1 Key Facts
  - 13.10.2 Business Description
  - 13.10.3 Products and Services
  - 13.10.4 Financial Overview
  - 13.10.5 SWOT Analysis
  - 13.10.6 Key Developments

## **14. APPENDIX**

- 14.1 About The Insight Partners

## List Of Tables

### LIST OF TABLES

Table 1. South and Central America Recirculating Aquaculture Systems Market Segmentation

Table 2. List of Vendors

Table 3. South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Table 4. South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Offering

Table 5. South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Component

Table 6. South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Fishery Capacity (Thousand Liters)

Table 7. South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Country

Table 8. Brazil: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Offering

Table 9. Brazil: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Component

Table 10. Brazil: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Fishery Capacity (Thousand Liters)

Table 11. Argentina: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Offering

Table 12. Argentina: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Component

Table 13. Argentina: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Fishery Capacity (Thousand Liters)

Table 14. Rest of South and Central America: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Offering

Table 15. Rest of South and Central America: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Component

Table 16. Rest of South and Central America: South and Central America Recirculating

Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by  
Fishery Capacity (Thousand Liters)

Table 17. Heat Map Analysis by Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1. South and Central America Recirculating Aquaculture Systems Market Segmentation - Country

Figure 2. Porter's Analysis

Figure 3. Ecosystem: Recirculating Aquaculture Systems Market

Figure 4. South and Central America Recirculating Aquaculture Systems Market - Key Market Dynamics

Figure 5. Impact Analysis of Drivers and Restraints

Figure 6. South and Central America Recirculating Aquaculture Systems Market Revenue (US\$ Million), 2023 - 2031

Figure 7. South and Central America Recirculating Aquaculture Systems Market Share (%) - by Offering, 2023 and 2031

Figure 8. Component: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 9. Services: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 10. South and Central America Recirculating Aquaculture Systems Market Share (%) - by Component, 2023 and 2031

Figure 11. Filtration System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 12. Aeration System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 13. Pumping System: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 14. Others: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 15. South and Central America Recirculating Aquaculture Systems Market Share (%) - by Fishery Capacity (Thousand Liters), 2023 and 2031

Figure 16. Small Scale (Upto 20000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 17. Medium Scale (21000-50000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 18. Large Scale (Above 50000 Liters): South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 19. South and Central America Recirculating Aquaculture Systems Market

Breakdown by Key Countries, 2023 and 2031 (%)

Figure 20. Brazil: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 21. Argentina: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 22. Rest of South and Central America: South and Central America Recirculating Aquaculture Systems Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 23. Company Positioning & Concentration

## I would like to order

Product name: South & Central America Recirculating Aquaculture Systems Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report  
Coverage: By Offering (Component and Services), Component (Filtration System, Aeration System, Pumping System, and Others), and Fishery Capacity [Small Scale (Upto 20000 Liters), Medium Scale (21000-50000 Liters), and Large Scale (Above 50000 Liters)]

Product link: <https://marketpublishers.com/r/SAE833F054DBEN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SAE833F054DBEN.html>