

Ozone Generation: Technologies, Markets and Players

<https://marketpublishers.com/r/O5255ACBD7DEN.html>

Date: May 2023

Pages: 358

Price: US\$ 5,500.00 (Single User License)

ID: O5255ACBD7DEN

Abstracts

Report Scope:

This report will cover the ozone generation industry. Definitive and detailed estimates and forecasts of the global market are provided, followed by a detailed analysis of application types and regions. Ongoing market trends, growth drivers and challenges impeding the market are discussed. The scope of the market analyzed in this report includes OGT categories for water applications, air and gas treatment, and medicine on a global basis. Market segments for water applications include potable water (e.g., municipal, bottled, residential), wastewater (e.g., industrial, municipal), and process water and other water (e.g., pool and spa, aquaculture, remaining applications). The air and gas treatment category includes semiconductor manufacture and other air and gas treatment segments.

Using 2021 as the base year, the report provides estimated market data for the forecast period 2022-2027. The market size for different regions (regions by application) will also be covered. Sales value estimates are based on prices in the supply chain. Market-driving forces and industry structure are examined. International aspects are analyzed for all global regions.

This report considers the impact of COVID-19. In 2020, the growth rate of manufacturing industries worldwide was severely affected by the pandemic. The COVID-19 pandemic halted progress in every regional economy. Various governments around the globe took measures to contain the fallout from the economic slowdown.

Report Includes:

74 data tables and 50 additional tables

An overview of the global market and technologies for ozone generation

Estimation of the market size and analyses of global market trends, with data from 2021, 2022 and projections of compound annual growth rates (CAGRs) through 2027

Highlights of the current and future market potential and quantification of ozone generation market based on type, application, and region

Identification of trends that are affecting the use of ozone generation technologies and their major source markets

Information on ozone generation methods, such as chemical reactions, electrical discharge, ultraviolet radiation, and photolysis of oxygen molecules

Analysis of underlying technological, environmental, legal/regulatory, and political trends that may influence the size and nature of the market

Coverage of advancements in ozone generation technology, and description of OGT categories for water applications, air and gas treatment, and medicine

Market share analysis of the key companies of the industry and coverage of their proprietary technologies, strategic alliances, and other key market strategies and a relevant patent analysis

Comprehensive company profiles of the leading players of the industry, including Evoqua Water Technologies Corp., MKS Instruments Inc., Toshiba Corp., Xylem Inc., Industrie De Nora, and Ebara Corp.

Contents

CHAPTER 1 INTRODUCTION

- 1.1 Overview
- 1.2 Study Goals and Objectives
- 1.3 Reasons for Doing This Study
- 1.4 What's New in This Update?
- 1.5 Scope of Report
- 1.6 Information Sources
- 1.7 Methodology
- 1.8 Intended Audience
- 1.9 Geographic Breakdown
- 1.10 Analyst's Credentials
- 1.11 BCC Custom Research
- 1.12 Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

- 2.1 Overview of the Ozone Generation Industry
 - 2.1.1 Population Growth Increasing the Need for OGT
 - 2.1.2 OGT Offers Green Alternative
 - 2.1.3 Air Pollution Good for OGT business
 - 2.1.4 Successfully Completed Projects Supporting OGT Market Growth

CHAPTER 3 MARKET TRENDS

- 3.1 Overview
- 3.2 Ozone Lifespan
- 3.3 Industry Landscape
- 3.4 History of Ozone Generation Technology
- 3.5 Megatrends and Innovations
- 3.6 Global Water Industry Trends
 - 3.6.1 Consumer Health Awareness
 - 3.6.2 Need for Water Management
- 3.7 Life Cycle Assessment of Ozone Generators
- 3.8 Regulatory Trends

CHAPTER 4 MARKET DYNAMICS

4.1 Major Market Growth Drivers

- 4.1.1 Increasing Awareness of Environmental Pollution
- 4.1.2 Stringent Regulations
- 4.1.3 Advancements in Technology
- 4.1.4 Increasing Adoption in Emerging Markets
- 4.1.5 Demand for Water is Soaring in Response to Global Population
- 4.1.6 Rapid Urbanization: The Growth and Challenges of Modern Cities
- 4.1.7 Rapid Growth in Industrialization
- 4.1.8 Growth in Water Treatment Industries
- 4.1.9 Climate Change, Extreme Weather Events and OGT
- 4.1.10 Greater Health Awareness
- 4.1.11 Higher Water Quality Standards
- 4.1.12 Population Shifts Guiding OGT Market
- 4.1.13 Increasing Global Water Consumption Raising OGT demand
- 4.1.14 Freshwater Depletion and the Need for Water Purification
- 4.1.15 Water Scarcity and Stress Increasing Water Purification Needs
- 4.1.16 Mass Migrations Weighing Heavily on Water Supplies
- 4.1.17 Air Pollution is Expanding Interest in Air Purification
- 4.1.18 Ozone Generation Technologies and Global Wealth
- 4.1.19 OGT Use in Natural Disaster Response Incidents
- 4.1.20 OGTs and Healthy Work Environments
- 4.1.21 OGT Used to Decrease Harsh Chemical Use
- 4.1.22 Bottled Water Market Growth and OGT
- 4.1.23 Economic Benefits of Ozone Use
- 4.1.24 Availability of Trained Staff

4.2 Market Challenges/Restrains

- 4.2.1 Higher Installation Cost of Ozone Generation Technology
- 4.2.2 Lack of Awareness
- 4.2.3 Limited Access to Financing
- 4.2.4 Limited Scalability of Ozone Generation Technology
- 4.2.5 Competing Technologies: Ozone Not Alone
- 4.2.6 Technical Challenges
- 4.2.7 Pricing Pressure
- 4.2.8 Shortage of Semiconductor Chips

4.3 Key Market Growth Opportunities

- 4.3.1 Market for Ozone Generation Growth in Healthcare Sector
- 4.3.2 Market for Ozone Generation Growth in Food and Beverage Industry
- 4.3.3 Market for Ozone Generation Growth in Agriculture Industry

- 4.4 Successfully Completed Projects Support OGT Market Growth
 - 4.4.1 U.S.
 - 4.4.2 Asia
 - 4.4.3 Europe
- 4.6 Ozone Installations
- 4.5 Ozone Therapy to Combat Illness
 - 4.5.1 Varying Regional Acceptance of Ozone Therapy
 - 4.5.2 OGT's Effect on Thriving Medical Markets
 - 4.5.3 Media Safety Concerns Over Ozone
 - 4.5.4 Ozone Safety Measures
- 4.6 New Technologies Combating High Costs Associated with OGT
- 4.7 OGT and Food Security and Safety Issues
- 4.8 Semiconductor Industry's Volatility and Its Effects on the OGT Market
- 4.9 OGT and Endocrine Disrupting Compounds
- 4.10 Water Recycling and Reuse Market Spurring Growth of the OGT Market

CHAPTER 5 OZONE GENERATION TECHNOLOGY BACKGROUND

- 5.1 Technology Overview
- 5.2 Ozone Generation Technology Methods
 - 5.2.1 Corona Discharge
 - 5.2.2 Ultraviolet
 - 5.2.3 Electrolysis
 - 5.2.4 Cold Plasma
 - 5.2.5 Advanced Oxidation Processes
- 5.3 Ozone Generation Technology Applications
 - 5.3.1 Ozone in Water Applications
 - 5.3.2 Ozone in Air and Gas
 - 5.3.3 Ozone in Medicine
- 5.4 Structure and Design of Ozone Generator
- 5.5 Ozone Generation Working Principle
 - 5.5.1 Corona Discharge
 - 5.5.2 Ultraviolet Radiation
 - 5.5.3 Electrolysis
- 5.6 Benefits of Ozone Generation
- 5.7 Manufacturing Process of Ozone Generators
- 5.8 Ozone Production, Concentration and Solubility
- 5.9 Raw Material Trends
- 5.10 Environmental Concerns Regarding Atmospheric Ozone

5.11 Ozone as an Antioxidant and Disinfectant

CHAPTER 6 OZONE GENERATION INDUSTRY VALUE CHAIN

6.1 Value Chain Analysis

CHAPTER 7 IMPACT OF COVID-19 AND RUSSIA/UKRAINE WAR ON THE MARKET FOR OZONE GENERATION

7.1 Impact of COVID-19 on the Ozone Generation Industry

7.2 Impact of the Russia/Ukraine War on the Ozone Generation Industry

CHAPTER 8 OZONE GENERATION TECHNOLOGY: METHODS AND APPLICATIONS

8.1 Overview

8.2 Water Applications

8.2.1 Potable Water

8.2.2 Wastewater

8.2.3 Process Water

8.2.4 Other Water Treatment

8.3 Air and Gas Treatment

8.3.1 Air and Gas Treatment Segments

8.3.2 Other Air and Gas Treatment Segments

8.3.3 Food Storage

8.4 Medicine

8.4.1 Generating Medical Ozone

8.4.2 Medical Ozone Applications

CHAPTER 9 MARKET BREAKDOWN BY REGION

9.1 Global Market for Ozone Generation

9.2 Asia-Pacific

9.2.1 China

9.2.2 India

9.2.3 Japan

9.2.4 South Korea

9.3 North America

9.3.1 U.S.

- 9.3.2 Canada
- 9.4 Europe
 - 9.4.1 Germany
 - 9.4.2 U.K.
 - 9.4.3 France
 - 9.4.4 Other Countries
- 9.5 Middle East
- 9.6 Latin America and Caribbean
- 9.7 Africa
- 9.8 Australia and Oceania

CHAPTER 10 PATENT ANALYSIS

- 10.1 Patent Analysis
- 10.2 Primozone's Improvement on Cold Plasma Ozone Generation
- 10.3 Ozone Nano-Bubbles of the Future
- 10.4 ROSE Technology and Remote-Control Operation
- 10.5 Household Ozone Spray
- 10.6 Ozone to Degrade Aflatoxin
- 10.7 Xylem's Advanced Oxidation Process
- 10.8 Ecosphere Fracks with Ozone
- 10.9 Roving Blue MVP Proven in Military Demonstrations
- 10.10 Scent Crusher Ozone Gear Bag
- 10.11 Touch Screen Water Faucet Ozone Generator
- 10.12 Mobile Disinfection Carts
- 10.13 Ozone Direct's Ozone Cabinet
- 10.14 Oxidation Technologies' Ozone Remediation Trailers
- 10.15 Primozone's Mobile and Containerized SM900

CHAPTER 11 COMPETITIVE LANDSCAPE

- 11.1 Overview
- 11.2 Company Market Share Analysis for Ozone Generation
- 11.3 Mergers, Acquisitions and New Product Developments

CHAPTER 12 COMPANY PROFILES

A2Z OZONE INC.
ABSOLUTE OZONE

AQUA-SUN OZONE INTERNATIONAL INC.
ARGENTOX OZONE TECHNOLOGY GMBH
BIOTEK ENVIRONMENTAL SCIENCE LTD.
BIOZONE MANUFACTURING SOLUTIONS
BWT HOLDING GMBH
CHEMTRONICS TECHNOLOGIES
CLEARWATER TECH LLC
CMP
DRAMM CORP.
EBARA CORP.
ECO SAFE SYSTEMS USA INC.
ELOZO OY
ENVRON ENVIRONMENTAL LTD.
ERWIN SANDER ELECKTROAPPARETEBAU GMBH
ESCO INTERNATIONAL
EVOQUA WATER TECHNOLOGIES CORP.
FARADAY OZONE PRODUCTS PRIVATE LIMITED
FIN-TEK OZONE WATER TREATMENT
GUARDIAN OZONE
HANGZHOU RONGXIN ELECTRONIC EQUIPMENT CO. LTD.
INDUSTRIE DE NORA S.P.A.
INTERNATIONAL OZONE TECHNOLOGIES GROUP INC.
JENESCO INC.
KAUFMANN UMWELTTECHNIK GMBH
LENNTECH B.V.
LIFETECH SRO
MAZZEI INJECTOR COMPANY LLC
MEDOZONS LTD.
MELLIFIQ
METAWATER USA INC.
MITSUBISHI ELECTRIC CORP.
MKS INSTRUMENTS INC.
NORLAND INTERNATIONAL INC.
NUTEK INTERNATIONAL INC.
OZOCAN CORP.
OZONE DIRECT UK LTD.
OZONE SAFE FOOD TECHNOLOGIES INC.
OZONE SOLUTIONS
OZONE WATER SYSTEMS INC.

OZONOLOGY INC.
PINNACLE OZONE SOLUTIONS LLC
PROMINENT GMBH
PROMOLIFE INC.
PRIMOZONE PRODUCTION AB
QINGDAO GUOLIN ENVIRONMENTAL TECHNOLOGY CO. LTD.
RES REMEDIATION SERVICES
RGF ENVIRONMENTAL GROUP INC.
SEWEC OZON GMBH
SUEZ S.A.
SPARTAN ENVIRONMENTAL TECHNOLOGIES LLC
TELEDYNE TECHNOLOGIES INC.
TOSHIBA CORP.
TRIWIN WATERTEC CO. LTD.
WASSERTEC OZONE SYSTEMS
XYLEM INC.

CHAPTER 13 APPENDIX: ABBREVIATIONS'

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Ozone Generation, by Region, Through 2027

Table 1: Ozone Properties

Table 2: Ozone Half-Life in Air, Based on Temperature

Table 3: Ozone Half-Life in Water, Based on Temperature

Table 4: Ozone Generation Regulations/Standards/Frameworks

Table 5: Urban Population and Rate of Urbanization, by Country, 2020-2025

Table 6: Water Use, by Country, 2021

Table 7: Top 10 Countries with the Highest Water Stress Levels, 2021

Table 8: Water Treatment Capital Costs, by Technology Type and Plant Size

Table 9: Produce Washed with Ozone

Table 10: Malodorous Substances and Odor Thresholds

Table 11: Ozone Concentrations to Percentage Dissolved Ozone in Water

Table 12: Global Market for Ozone Generation Technology, by Application, Through 2027

Table 13: Global Market for Ozone Generation in Potable Water Applications, by Region, Through 2027

Table 14: Global Market for Ozone Generation Technology in Potable Water Treatment, by Type, Through 2027

Table 15: Global Market for Ozone Generation Technology in Municipal Potable Water Treatment, by Region, Through 2027

Table 16: Global Market for Ozone Generation Technology in Bottled Potable Water Treatment, by Region, Through 2027

Table 17: Global Market for Ozone Generation Technology in Residential Potable Water Treatment, by Region, Through 2027

Table 18: Global Market for Ozone Generation in Wastewater Treatment Applications, by Region, Through 2027

Table 19: Global Market for Ozone Generation Technology in Wastewater Treatment, by Segment, Through 2027

Table 20: Global Market for Ozone Generation Technology in Industrial Wastewater Treatment, by Region, Through 2027

Table 21: Infectious Agents Potentially Present in Domestic Wastewater

Table 22: Global Market for Ozone Generation Technology in Municipal Wastewater Treatment, by Region, Through 2027

Table 23: Ozone Applications in the Food Processing Industry

Table 24: Produce Washed Commercially with Ozonated Water

Table 25: Ozone Applications in the Wine Industry

Table 26: Global Market for Ozone Generation Technology in Process Water Treatment Applications, by Region, Through 2027

Table 27: Global Market for Ozone Generation Technology in Other Water Treatment Applications, by Region, Through 2027

Table 28: Global Market for Ozone Technology in Other Water Treatment, by Segment, Through 2027

Table 29: Global Market for Ozone Generation Technology in Pool and Spa, Applications, by Region, Through 2027

Table 30: Global Market for Ozone Generation Technology in Aquaculture, by Region, Through 2027

Table 31: Groundwater Contaminants Susceptible to Ozone

Table 32: Global Market for Ozone Generation Technology in Remaining Water Applications, by Region, Through 2027

Table 33: Global Market for Ozone Generation in Air and Gas Treatment Applications, by Region, Through 2027

Table 34: Global Market for Ozone Generation Technology in Air and Gas Treatment, by Segment, Through 2027

Table 35: Global Market for Ozone Generation Technology in Semiconductor Applications, by Region, Through 2027

Table 36: Typical Industrial Odor Control Dosages

Table 37: Global Market for Ozone Generation Technology in Other Air and Gas Treatments, by Region, Through 2027

Table 38: Therapeutic Ozone Uses

Table 39: Veterinary Ozone Therapy Applications

Table 40: Global Market for Ozone Generation in Medicine Applications, by Region, Through 2027

Table 41: Global Market for Ozone Generation, by Region, Through 2027

Table 42: Asia-Pacific Market for Ozone Generation Technology, by Country, Through 2027

Table 43: Asia-Pacific Market for Ozone Generation Technology, by Application, Through 2027

Table 44: Asia-Pacific Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 45: Asia-Pacific Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 46: Asia-Pacific Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 47: Asia-Pacific Market for Ozone Generation Technology, by Air and Gas

Treatment Type, Through 2027

Table 48: North American Market for Ozone Generation Technology, by Country, Through 2027

Table 49: North American Market for Ozone Generation Technology, by Application, Through 2027

Table 50: North American Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 51: North American Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 52: North American Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 53: North American Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 54: European Market for Ozone Generation Technology, by Country, Through 2027

Table 55: European Market for Ozone Generation Technology, by Application, Through 2027

Table 56: European Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 57: European Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 58: European Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 59: European Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 60: Middle Eastern Market for Ozone Generation Technology, by Application, Through 2027

Table 61: Middle Eastern Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 62: Middle Eastern Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 63: Middle Eastern Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 64: Middle Eastern Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 65: Latin American and Caribbean Market for Ozone Generation Technology, by Application, Through 2027

Table 66: Latin American and Caribbean Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 67: Latin American and Caribbean Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 68: Latin American and Caribbean Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 69: Latin American and Caribbean Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 70: African Market for Ozone Generation Technology, by Application, Through 2027

Table 71: African Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 72: African Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 73: African Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 74: African Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 75: Australian and Oceania Market for Ozone Generation Technology, by Application, Through 2027

Table 76: Australian and Oceania Market for Ozone Generation Technology, by Potable Water Type, Through 2027

Table 77: Australian and Oceania Market for Ozone Generation Technology, by Wastewater Type, Through 2027

Table 78: Australian and Oceania Market for Ozone Generation Technology, by Other Water Type, Through 2027

Table 79: Australian and Oceania Market for Ozone Generation Technology, by Air and Gas Treatment Type, Through 2027

Table 80: Patents on Ozone Generation Technologies, 2017-2022

Table 81: U.S. Patents Containing the Term “Ozone Generation” in the Title or Abstract, 2016

Table 82: European Patents Containing the Term “Ozone Generation” in the Title or Abstract, 2016-2017

Table 83: Global Market Shares of Ozone Generators, by Leading Suppliers, 2021

Table 84: Strategy Dashboard: Global Market for Ozone Generation, 2019-2022

Table 85: A2Z Ozone Inc.: Product Portfolio

Table 86: Absolute Ozone: Product Portfolio

Table 87: Biotek Environmental Science Ltd.: Product Portfolio

Table 88: BWT AG: Product Portfolio

Table 89: Chemtronics Technologies: Product Portfolio

Table 90: ClearWater Tech LLC: Product Portfolio

- Table 91: CMP: Product Portfolio
- Table 92: Ebara Corp.: Company Financial Highlights, 2019-2021
- Table 93: Ebara Corp.: Product Portfolio
- Table 94: Eco Safe Systems USA Inc.: Product Portfolio
- Table 95: Elozo Oy.: Product Portfolio
- Table 96: Evoqua Water Technologies Corp.: Company Financial Highlights, 2020-2022
- Table 97: Evoqua Water Technologies Corp.: Product Portfolio
- Table 98: Faraday Ozone: Product Portfolio
- Table 99: Guardian Ozone.: Product Portfolio
- Table 100: Industrie De Nora: Company Financial Highlights, 2019-2021
- Table 101: Industrie De Nora: Product Portfolio
- Table 102: Jenesco Inc.: Product Portfolio
- Table 103: Medozons Ltd.: Product Portfolio
- Table 104: Mellifiq (Ozonetech): Product Portfolio
- Table 105: Metawater USA Inc.: Product Portfolio
- Table 106: Mitsubishi Electric Corporation: Company Financial Highlights, 2020-2022
- Table 107: MKS Instruments Inc.: Company Financial Highlights, 2020-2022
- Table 108: MKS Instruments Inc.: Product Portfolio
- Table 109: Ozocan Corp.: Product Portfolio
- Table 110: Ozone Direct UK: Product Portfolio
- Table 111: Ozone Solutions Inc.: Product Portfolio
- Table 112: Ozonology Inc.: Product Portfolio
- Table 113: Pinnacle Ozone Solutions: Product Portfolio
- Table 114: ProMinent GmbH: Product Portfolio
- Table 115: Primozone Production: Product Portfolio
- Table 116: Qingdao Guolin Environmental Technology: Company Financial Highlights, 2019-2021
- Table 117: Spartan Environmental Technologies.: Product Portfolio
- Table 118: Toshiba Corp.: Company Financial Highlights, 2020-2022
- Table 119: Toshiba Corp.: Product Portfolio
- Table 120: Wassertec Ozone Systems: Product Portfolio
- Table 121: Xylem Inc.: Company Financial Highlights, 2020-2022
- Table 122: Xylem Inc.: Product Portfolio
- Table 123: Abbreviations Used in This Report

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Shares of Ozone Generation, by Region, 2021

Figure A: Data Source: Global Market for Ozone Generation

Figure B: Ozone Generation Segments

Figure 1: Global Market for Ozone Generation Trends, 2021-2027

Figure 2: Market Dynamics: Global Ozone Generation Industry

Figure 3: Global Food Demand, by Region, 2020

Figure 4: Freshwater Stress, 1995 and 2025

Figure 5: Market for Ozone Generation Industry Value Chain

Figure 6: Global Crude Oil Prices, Dec. 2021-March 2022

Figure 7: Global Market Shares of Ozone Generation Technology, by Application, 2021

Figure 8: Global Market Shares of Ozone Generation in Potable Water Applications, by Region, 2021

Figure 9: Global Market Shares of Ozone Generation Technology in Potable Water Treatment, by Type, 2021

Figure 10: Global Market Shares of Ozone Generation Technology in Municipal Potable Water Treatment, by Region, 2021

Figure 11: Global Market Shares of Ozone Generation Technology in Bottled Potable Water Treatment, by Region, 2021

Figure 12: Global Market Shares of Ozone Generation Technology in Residential Potable Water Treatment, by Region, 2021

Figure 13: Global Market Shares of Ozone Generation in Wastewater Treatment Applications, by Region, 2021

Figure 14: Global Market Shares of Ozone Generation Technology in Wastewater Treatment, by Segment, 2021

Figure 15: Global Market Shares of Ozone Generation Technology in Industrial Wastewater Treatment, by Region, 2021

Figure 16: Global Market Shares of Ozone Generation Technology in Municipal Wastewater Treatment, by Region, 2021

Figure 17: Global Market Shares of Ozone Generation Technology in Process Water Treatment Applications, by Region, 2021

Figure 18: Global Market Shares of Ozone Generation Technology in Other Water Treatment Applications, by Region, 2021

Figure 19: Global Market Shares of Ozone Generation Technology in Other Water Treatment, by Segment, 2021

Figure 20: Global Market Shares of Ozone Generation Technology in Pool and Spa,

Applications, by Region, 2021

Figure 21: Global Market Shares of Ozone Generation Technology in Aquaculture, by Region, 2021

Figure 22: Global Market Shares of Ozone Generation Technology in Remaining Water Applications, by Region, 2021

Figure 23: Global Market Shares of Ozone Generation in Air and Gas Treatment Applications, by Region, 2021

Figure 24: Global Market Shares of Ozone Generation Technology in Air and Gas Treatment, by Segment, 2021

Figure 25: Global Market Shares of Ozone Generation Technology in Semiconductor Applications, by Region, 2021

Figure 26: Global Market Shares of Ozone Generation Technology in Other Air and Gas Treatments, by Region, 2021

Figure 27: Global Market Shares of Ozone Generation in Medicine Applications, by Region, 2021

Figure 28: Global Market Shares of Ozone Generation, by Region, 2021

Figure 29: Asia-Pacific Market Shares of Ozone Generation Technology, by Country, 2021

Figure 30: Asia-Pacific Market Shares of Ozone Generation Technology, by Application, 2021

Figure 31: Asia-Pacific Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 32: Asia-Pacific Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 33: Asia-Pacific Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 34: Asia-Pacific Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 35: North American Market Shares of Ozone Generation Technology, by Country, 2021

Figure 36: North American Market Shares of Ozone Generation Technology, by Application, 2021

Figure 37: North American Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 38: North American Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 39: North American Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 40: North American Market Shares of Ozone Generation Technology, by Air and

Gas Treatment Type, 2021

Figure 41: European Market Shares of Ozone Generation Technology, by Country, 2021

Figure 42: European Market Shares of Ozone Generation Technology, by Application, 2021

Figure 43: European Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 44: European Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 45: European Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 46: European Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 47: Middle Eastern Market Shares of Ozone Generation Technology, by Application, 2021

Figure 48: Middle Eastern Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 49: Middle Eastern Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 50: Middle Eastern Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 51: Middle Eastern Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 52: Latin American and Caribbean Market Shares of Ozone Generation Technology, by Application, 2021

Figure 53: Latin American and Caribbean Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 54: Latin American and Caribbean Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 55: Latin American and Caribbean Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 56: Latin American and Caribbean Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 57: African Market Shares of Ozone Generation Technology, by Application, 2021

Figure 58: African Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 59: African Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 60: African Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 61: African Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 62: Australian and Oceania Market Shares of Ozone Generation Technology, by Application, 2021

Figure 63: Australian and Oceania Market Shares of Ozone Generation Technology, by Potable Water Type, 2021

Figure 64: Australian and Oceania Market Shares of Ozone Generation Technology, by Wastewater Type, 2021

Figure 65: Australian and Oceania Market Shares of Ozone Generation Technology, by Other Water Type, 2021

Figure 66: Australian and Oceania Market Shares of Ozone Generation Technology, by Air and Gas Treatment Type, 2021

Figure 67: Ebara Corp.: Revenue Share, by Business Segment, 2021

Figure 68: Ebara Corp.: Revenue Share, by Region, 2021

Figure 69: Evoqua Water Technologies Corp.: Revenue Share, by Business Segment, 2022

Figure 70: Evoqua Water Technologies Corp.: Revenue Share, by Region, 2022

Figure 71: Industrie De Nora: Revenue Share, by Business Segment, 2021

Figure 72: Industrie De Nora: Revenue Share, by Region, 2021

Figure 73: Mitsubishi Electric Corporation: Revenue Share, by Business Segment, 2022

Figure 74: Mitsubishi Electric Corporation: Revenue Share, by Region, 2022

Figure 75: MKS Instruments Inc.: Revenue Share, by Business Segment, 2022

Figure 76: MKS Instruments Inc.: Revenue Share, by Region, 2022

Figure 77: Toshiba Corp.: Revenue Share, by Business Segment, 2022

Figure 78: Toshiba Corp.: Revenue Share, by Region, 2022

Figure 79: Xylem Inc.: Revenue Share, by Business Segment, 2022

Figure 80: Xylem Inc.: Revenue Share, by Region, 2022

I would like to order

Product name: Ozone Generation: Technologies, Markets and Players

Product link: <https://marketpublishers.com/r/O5255ACBD7DEN.html>

Price: US\$ 5,500.00 (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/O5255ACBD7DEN.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