

UAE Desalination Plant Market, Segmented By Technology (Thermal Technology, Membrane Technology), By End Use Sector (Industrial, Municipal, and Others), By Region, Competition Forecast & Opportunities, 2018-2028F

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Abstracts

UAE Desalination Plant market is anticipated to grow at a robust CAGR in the forecast period.

A desalination plant is an industrial facility that uses chemical or physical processes to reduce or restore salinity from drinking or industrial water supplies. Removing salt from spring water makes it suitable for human consumption and reduces the occurrence of salt damage in metals that encounters treated water. Although humans cannot drink salt water, it can be processed into fresh water that has multiple uses. This process is called 'desalination' and is increasingly being used around the world to provide people with the fresh water they need. Desalinated water meets and often exceeds water quality standards. The desalination plant not only provides drinking water, it also provides water that can be safely used for irrigating crops and watering livestock. This is ideal for arid regions where farmers do not have direct access to a steady supply of water, or for drought-stricken regions.

Farmers can use the water to grow their own crops, thus helping to improve their own economies without relying on imports. They are also able to keep hunger at bay and produce enough food to sell and feed their residents. Ranchers will now be able to water their livestock without using drinking water sources as it helps relieve pressure on freshwater sources that need protection.

Under the UAE Water Security Strategy 2036, the country aims to reduce emissions of

carbon dioxide by 100 million metric tons associated with desalination water.

Use in various sectors and government projects fueling the UAE Desalination Plant Market

Agriculture is the second largest consumer of fresh water after electricity. And this water demand can be efficiently met by seawater desalination. In this way, freshwater can be preserved which is an important source of agricultural water. UAE faces severe water scarcity which can greatly benefit from efficient desalination plants. This not only protects freshwater resources, but also helps dryland farmers by eliminating their dependence on imports for crop production. In a way, it helps improve the economy of the country.

According to UAE's ministry of energy, annual growth rate of the water desalination sector is at 3%. In view of UAE Water Security Strategy 2036 and National Water and Energy Demand Management Program, the country is planning to invest USD 2.08 billion in new desalination plants in Abu Dhabi, Dubai, and Umm Al Qaiwain. Apart from water supply to their residents, through these investments, the country is expecting to provide water to their citizens at a reasonable price. It is also expected that these investments will contribute to a deduction in water consumption of 21% by 2036.

Market Segmentation

UAE Desalination Plant market is segmented into by technology and end user sector. Based on Technology, the market is bifurcated into thermal technology and membrane technology. Based on end user sector, the market is bifurcated into Industrial, Municipal and Others.

Market player

Major market players in the UAE Desalination Plant market are Green Water Treatment Solutions LLC, Hyundai Engineering & Construction Co., Ltd., Fisia Italimpianti S.p.A., Utico FZC, ACWA Power Co, Rekas Protech Water Treatment Equipments Co. LLC, Fujairah Asia Power Company PJSC (FAPCO), Mubadala Investment Company P.J.S.C, Cobra United Arab Emirates, Emirates Water and Electricity Company P.J.S.C.

Report Scope:

In this report, UAE Desalination Plant Market has been segmented into the following

categories, in addition to the industry trends which have also been detailed below:

UAE Desalination Plant Market, By Technology:

Thermal Technology

Membrane Technology

UAE Desalination Plant Market, By End Use Sector:

Industrial

Municipal

Others

UAE Desalination Plant Market, By Region:

Dubai

Abu Dhabi

Sharjah

Rest of UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the UAE Desalination Plant market.

Available Customizations:

UAE Desalination Plant market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

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