

# Middle East & Africa Evaporative Cooler Market Forecast to 2028 - COVID-19 Impact and Regional Analysis By Type (Direct Evaporative Cooling, Indirect Evaporative Cooling, and Two-Stage Evaporative Cooling) and Application (Residential, Commercial, Industrial, and Confinement Farming)

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## Abstracts

The Middle East & Africa evaporative cooler market is expected to grow from US\$ 353.44 million in 2022 to US\$ 513.71 million by 2028. It is estimated to grow at a CAGR of 6.4% from 2022 to 2028.

Incorporation of Antimicrobial Technologies in Evaporative Coolers fuels Middle East & Africa Evaporative Cooler Market

Evaporative cooling is one of the most environmentally friendly cooling techniques. To make it more efficient and reliable, market players are incorporating these coolers with antimicrobial technologies. They are using materials, such as titanium dioxide, which act as catalysts or photocatalysts to provide antimicrobial activity. Thus, exposing the water to the catalyst and frequent water recirculation can reduce the number of harmful microorganisms to harmless proportions. Other catalysts, such as ZnO, CdS, ZnS, WO<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, and SrTiO<sub>3</sub>, also provide similar effects and can be used in evaporative coolers. Furthermore, if the evaporative cooler comprises at least one ultraviolet source for irradiating the titanium dioxide, it will increase its photocatalytic effect. This will create excellent antimicrobial activity.

Various market players have also developed antibacterial tanks for the healthy flow of air. Thus, the incorporation of antimicrobial technology to provide healthy air to customers will further propel the growth of the Middle East & Africa evaporative cooler

market .

## Middle East & Africa Overview

The evaporative cooler market in the Middle East and Africa (MEA) is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The rising temperature in the MEA is increasing the demand for evaporative coolers. The Middle East and the Eastern Mediterranean have become a climate hot spot, with the rise in temperatures being approximately twice as fast as the global average. The Middle East and the Eastern Mediterranean has warmed at a rate of 0.45°C each decade since 1981. Thus, the rising temperature is expected to fuel the Middle East & Africa evaporative cooler market growth during the forecast period.

Middle East & Africa Evaporative Cooler Market Revenue and Forecast to 2028 (US\$ Million)

## Middle East & Africa Evaporative Cooler Market Segmentation

The Middle East & Africa evaporative cooler market is divided into type, application , and country.

Based on type, the Middle East & Africa evaporative cooler market is segmented into direct evaporative cooling, indirect evaporative cooling, and two-stage evaporative cooling. The direct evaporative cooling segment held the largest Middle East & Africa evaporative cooler market share in 2022.

Based on application, the Middle East & Africa evaporative cooler market is segmented into residential, commercial, industrial, and confinement farming . The industrial segment held the largest Middle East & Africa evaporative cooler market share in 2022.

Based on country, the Middle East & Africa evaporative cooler market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa evaporative cooler market share in 2022.

Baltimore Aircoil Co; Honeywell International Inc; Munters Group AB; and SPX Technologies Inc are the leading companies operating in the Middle East & Africa evaporative cooler market.

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