

# Single Stage Thermoelectric Coolers (TEC) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/S6EF7D2C2B5CEN.html>

Date: May 2022

Pages: 124

Price: US\$ 3,250.00 (Single User License)

ID: S6EF7D2C2B5CEN

## Abstracts

Thermoelectric Cooler (TEC) modules are active cooling techniques that operate according to the Peltier effect. When an electrical current is supplied, the devices are capable of absorbing the heat from one side and releasing the heat to another side. It can precisely control the temperature to achieve the purpose of cooling.

A single-stage thermoelectric cooler will typically produce a maximal temperature difference of 70 °C between its hot and cold sides.

This report contains market size and forecasts of Single Stage Thermoelectric Coolers (TEC) in global, including the following market information:

Global Single Stage Thermoelectric Coolers (TEC) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Single Stage Thermoelectric Coolers (TEC) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Single Stage Thermoelectric Coolers (TEC) companies in 2021 (%)

The global Single Stage Thermoelectric Coolers (TEC) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Standard rectangular TEC Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Single Stage Thermoelectric Coolers (TEC) include Ferrotec, Phononic, Laird, KELK, RMT Ltd, CUI Devices, Hi-Z, Crystal and P&N Tech, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Single Stage Thermoelectric Coolers (TEC) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Single Stage Thermoelectric Coolers (TEC) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Single Stage Thermoelectric Coolers (TEC) Market Segment Percentages, by Type, 2021 (%)

Standard rectangular TEC

Linear TEC

Round TEC

Others

Global Single Stage Thermoelectric Coolers (TEC) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Single Stage Thermoelectric Coolers (TEC) Market Segment Percentages, by Application, 2021 (%)

Automotive

Aerospace & Defense

Telecommunications

Medical

Others

Global Single Stage Thermoelectric Coolers (TEC) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Single Stage Thermoelectric Coolers (TEC) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Single Stage Thermoelectric Coolers (TEC) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Single Stage Thermoelectric Coolers (TEC) revenues share in global market, 2021 (%)

Key companies Single Stage Thermoelectric Coolers (TEC) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Single Stage Thermoelectric Coolers (TEC) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Ferrotec

Phononic

Laird

KELK

RMT Ltd

CUI Devices

Hi-Z

Crystal

P&N Tech

Thermonamic Electronics

Wellen Tech

AMS Technologies

FUXIN

Custom Thermoelectric

II-VI Incorporated

Kryotherm

Arctic TEC Technologies

TEC Microsystems GmbH

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