

# U.S. Patient Temperature Management Market Size, Share & Trends Analysis Report By Type (Warming Systems, Cooling Systems), By Application (General Surgery, Cardiology), By End-use, And Segment Forecasts, 2024 - 2030

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## Abstracts

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### U.S. Patient Temperature Management Market Growth & Trends

The U.S. patient temperature management market size is expected to reach USD 2.12 billion by 2030, expanding at a CAGR of 7.3% from 2024 to 2030, according to a new report by Grand View Research, Inc. The increasing volume of surgical procedures is one of the significant factors impacting the market growth. The rising prevalence of cardiovascular diseases and cancer has encouraged high demand for warming and cooling devices. In cancer cases, the drop in body temperature results in the multiplication of cancer cells in the patient's body. According to the Centers for Disease Control and Prevention (CDC), over 100 million people have hypertension in the U.S. Hypertension increases the risk of heart disease. Similarly, the growing number of neurological disorders across the globe is expected to drive market growth. In the U.S., more than 1 million adults are diagnosed annually with chronic brain diseases.

With rising demand for conventional warming and cooling systems, there is a growing need for modern temperature management systems. The introduction of a wide range of surface warming and cooling systems by the major players is expected to lead to a booming market for patient temperature management system. Some leading products in convective patient warming systems are the WarmTouch WT 6000 Warming Unit, Bair Hugger, Mistral-Air Forced Air System, and WarmAir Convective Warming.

Technological advancements are also projected to increase the market demand due to the introduction of new temperature management systems, such as surface pads, blankets, and head caps. Moreover, key strategic initiatives such as collaboration and partnership propel market growth. For instance, in April 2023, Augustina Surgical Inc. partnered with Baxter to launch the Baxter Patient Warning system. The growing need for modern temperature management systems has led to the introduction of a wide range of surface warming and cooling systems, accelerating market growth.

### U.S. Patient Temperature Management Market Report Highlights

Based on type, the patient warming systems segment led the market with the largest revenue share of 54.0% in 2023, and is anticipated to grow at a significant CAGR of 7.3% during the forecast period. It is due to their frequent usage during surgeries involving general anesthesia

Based on application, the general surgery segment led the market with the largest revenue share of 32.2% in 2023 and is anticipated to grow at the fastest CAGR of 8.3% over the forecast period

Based on end-use, the operating room segment led the market with the largest revenue share of 21.0% in 2023. During different stages of surgeries, patients require specific temperature within the operating room to reduce the surgical complications

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