

U.S. Blood Warmers Market Size, Share & Trends Analysis Report By Type (Hardware & Consumables), By Flow Rate, By Application, By End Use, And Segment Forecasts, 2025 - 2033

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Abstracts

The U.S. blood warmer market size was estimated at USD 76.2 million in 2024 and is projected to reach USD 146.8 million by 2033, growing at a CAGR of 7.6% from 2025 to 2033. This market is driven by the rising number of surgical procedures and trauma cases requiring rapid blood transfusions under controlled temperatures to prevent rising cases of cold-weather injuries, such as hypothermia and related complications.

The U.S. blood warmer market is experiencing steady growth, fuelled by many surgeries, trauma cases, and emergency care situations requiring blood and fluid transfusions at normothermic temperatures. According to the report published by the Brain Injury Association of America, in March 2024, approximately 2.8 million Americans were suffering from traumatic brain injury, and approximately 5 million people have a permanent disability due to brain injury, which is one in 60 Americans.

Another major driver is the growing demand for portable and pre-hospital blood warmers. EMS providers across states are increasingly adopting compact, battery-powered devices for field use. The EMS department updated its emergency protocols to include blood warmers in ambulances to better manage hypovolemic shock and improve survival rates in critical situations. In August 2024, the Delta Development Team, launched the Single Unit Blood Warmer (SUBW), a cutting-edge addition to their lineup of prehospital blood delivery devices. The product is specifically optimized for arctic conditions, where freezing temperatures can create significant challenges.

Moreover, government authorities' stringent regulatory standards and supportive

initiatives are expected to boost the demand for blood warmers the nation. For instance, in June 2023, ICU Medical. Inc. announced the launch of the Level 1 H-1200 Fast Flow Fluid Blood Warmer, a device used for blood and fluid warming and other solutions in hospital facilities. The product is also used when patients have undergone blood loss or are at risk of hypothermia after surgery and are undergoing urological irrigation.

U.S. Blood Warmers Market Report Segmentation

This report forecasts revenue growth at country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. blood warmers market report based on type, flow rate, application, and end use.

Type Outlook (Revenue, USD Million, 2021 - 2033)

Hardware

Portable Blood/ IV fluid warmers

Non-portable Blood/ IV Warmers

Consumables

Flow Rate Outlook (Revenue, USD Million, 2021 - 2033)

Rapid/Fast Flow Warmers

Routine/Standard Flow Warmers

Application Outlook (Revenue, USD Million, 2021 - 2033)

Surgery

Pediatrics

Acute Care

Homecare

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals/Clinic

Ambulatory Services

Defense Forces

Rescue Forces

This report can be delivered to the clients within 2 Business Days

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