



UL 964

STANDARD FOR SAFETY

Electrically Heated Bedding

UL Standard for Safety for Electrically Heated Bedding, UL 964

Twelfth Edition, Dated August 31, 2011

Summary of Topics

This revision of UL 964 dated September 18, 2020 includes a new Supplement SA with requirements that cover remotely operated electrically heated bedding, including smart enabled.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new requirements are substantially in accordance with Proposal(s) on this subject dated March 27, 2020 and July 15, 2020.

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Twelfth Edition

August 31, 2011

I This ANSI/UL Standard for Safety consists of the Twelfth Edition including revisions through September 18, 2020.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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INTRODUCTION

1 Scope

1.1 These requirements cover electrically heated blankets, comforters, quilts, sheets, mattress pads, mattresses, foot warmers, throw blankets and similar bedding.

1.2 These products are for use in accordance with the National Electrical Code, ANSI/NFPA 70, on single-phase alternating-current supply circuits operating at a nominal potential of 110 to 120 V ac.

1.3 All bedding is cord-connected and is supplied with either a switch or one or two user-adjustable temperature-control units. Bedding may be thermostatically controlled.

1.4 Bedding intended for connection to other than a nominal 120 V ac supply voltage, and bedding for use with waterbeds, mechanical beds and the like, are to be subject to additional investigation, with consideration given to their intended use.

2 Components

2.1 A component of a product covered by this standard shall:

- a) Comply with the requirements for that component as indicated in this standard;
- b) Be used in accordance with its rating(s) established for the intended conditions of use;
- c) Be used within its established use limitations or conditions of acceptability;
- d) Additionally comply with the applicable requirements of this end product standard; and
- e) Not contain mercury.

Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

Exception No. 1: A component of a product covered by this standard is not required to comply with a specific component requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product;*
- b) Is superseded by a requirement in this standard; or*
- c) Is separately investigated when forming part of another component, provided the component is used within its established ratings and limitations.*

Exception No. 2: A component complying with a component standard other than those cited in this standard is acceptable if:

- a) The component also complies with the applicable component standard identified in this standard; or*
- b) The component standard:*
 - 1) Is compatible with the ampacity and overcurrent protection requirements NFPA 70, where appropriate;*