



UL 1482

STANDARD FOR SAFETY

Solid-Fuel Type Room Heaters

UL Standard for Safety for Solid-Fuel Type Room Heaters, UL 1482

Seventh Edition, Dated April 25, 2011

Summary of Topics

This revision of ANSI/UL 1482 dated February 25, 2020 includes the following changes in requirements:

- Addition of reference to UL 62368-1 as an alternative to UL 60950-1; [2.9.1](#) and [2.9.2](#).***
- Addition of reference to UL 61800-5-1 as an alternative to UL 508C; [2.5.3.1](#) and [36.18](#).***
- Miscellaneous editorial updates; [31.1.8](#) and [31.1.9](#).***

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 revised requirements are substantially in accordance with Proposal (s) on this subject dated November 29, 2019.

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April 25, 2011

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The most recent designation of ANSI/UL 1482 as an American National Standard (ANSI) occurred on January 8, 2020. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page. Any other portions of this ANSI/UL standard that were not processed in accordance with ANSI/UL requirements are noted at the beginning of the impacted sections.

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 room heaters which are freestanding fire chamber assemblies of the circulating or direct radiation type. These products are for attachment to a residential type chimney intended for use with low-heat appliances and shall be used to burn solid fuels specified by the manufacturer. These products shall be manually or thermostatically controlled.

1.2 Room heaters are intended for installation in accordance with the Standard for Chimneys, Fireplaces, Vents, and Solid-Fuel Burning Appliances, NFPA 211, and in accordance with codes such as the BOCA National Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code.

1.3 Room heaters intended for use in mobile homes are to be installed in accordance with the Mobile Home Construction and Safety Standards published by the Department of Housing and Urban Development (HUD).

1.4 The product shall include:

- a) A field-installed cord-connected or permanently-connected blower assembly; and
- b) Other field-installed electrical accessories, rated at 250 volts or less, and intended to be employed in locations in accordance with the National Electrical Code, NFPA 70.

1.5 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this Standard, and that involves a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements to determine that the level of safety as originally anticipated by the intent of this Standard is maintained. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this Standard shall not be judged to comply with this Standard. Where appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this Standard.

2 Components

2.1 General

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

- a) comply with the requirements for that component as indicated in [2.2](#) – [2.12](#);
- 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.

Note – 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: