UL 127

STANDARD FOR SAFETY

Factory-Built Fireplaces

UL Standard for Safety for Factory-Built Fireplaces, UL 127

Ninth Edition, Dated April 21, 2011

Summary of Topics

This revision to ANSI/UL 127 dated February 25, 2020 includes the following changes in requirements:

– Addition of reference to UL 62368-1 as an alternative to UL 60950-1; 3.9.1 and 3.9.2.

– Addition of reference to UL 61800-5-1 as replacement to UL 508C; 3.5.3.1 and 44.18.

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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The most recent designation of ANSI/UL 127 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.

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 factory-built fireplaces, including the fire chamber, chimney, roof assembly, and other related parts that are entirely factory-made and that are intended for unit assembly in the field.

1.2 These requirements cover factory-built fireplaces having a fire chamber intended to be operated either open to a room or, when equipped with doors, operated with the doors either open or closed.

1.3 These requirements cover factory-built fireplaces intended for use with either solid wood or coal fuels.

1.4 The factory-built fireplaces covered by these requirements are intended for installation in accordance with the National Fire Protection Association Standard for Chimneys, Fireplaces, Vents and Solid-Fuel Burning Appliances, NFPA 211, the International Mechanical Code, and the Uniform Mechanical Code.

1.5 As covered by these requirements, an air duct system portion of a circulating warm air type fireplace is intended for installation in accordance with the National Fire Protection Association Standard for Warm Air Heating and Air Conditioning Systems, NFPA 90B.

1.6 These requirements also cover fixed blowers, and other electrical accessories for factory-built fireplaces, rated at 600 volts or less, and intended to be employed in specified locations in accordance with the National Electrical Code, NFPA 70.

1.7 The chimneys for factory-built fireplaces covered by these requirements comply with either a 1700°F (927°C) flue-gas temperature test or a 2100°F (1149°C) flue-gas temperature test, at the manufacturer's option.

1.8 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 Glossary

2.1 For the purpose of this standard, the following definitions apply.

2.2 CIRCULATING WARM AIR-DUCTED TYPE FIREPLACE – A fireplace having a convection type air duct system attached to the fire chamber so that heated air is directed to areas or locations other than directly in front of or above the fire chamber opening.

2.3 COMBUSTIBLE MATERIAL, NONCOMBUSTIBLE MATERIAL – As used in these requirements, these terms are defined in the Standard Glossary of Terms Relating to Chimneys, Vents, and Heat-Producing Appliances, NFPA No. 97M.

2.4 CONVECTION SYSTEM – An air heating system through which air is circulated by convection. It relies upon an integral fan or blower.