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NATIONAL STANDARD

ANSI/CAN/UL/ULC 1390:2024

STANDARD FOR SAFETY

Solid Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces

Approved American National Standard
ANSI
ANSI/UL 1390-2024

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UL Standard for Safety for Solid Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces, ANSI/CAN/UL/ULC 1390

First Edition, Dated November 13, 2024

Summary of Topics

This new First Edition of ANSI/CAN/UL/ULC 1390 dated November 13, 2024 is being issued as a new joint US/Canada Standard reflecting the latest ANSI and SCC approval dates and incorporating the proposals dated May 5, 2023, February 16, 2024, and July 26, 2024.

The new requirements are substantially in accordance with Proposal(s) on this subject dated May 5, 2023, February 16, 2024, and July 26, 2024.

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ANSI/UL 1390-2024

NOVEMBER 13, 2024

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ANSI/CAN/UL/ULC 1390:2024

Standard for Solid Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces

First Edition

November 13, 2024

This ANSI/CAN/UL/ULC Safety Standard consists of the First Edition.

The most recent designation of ANSI/UL 1390 as an American National Standard (ANSI) occurred on November 13, 2024. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This Standard has been designated as a National Standard of Canada (NSC) on date November 13, 2024.

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Preface

This is the First Edition of ANSI/CAN/UL/ULC 1390, Standard for Solid Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces.

ULSE is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO). ULC Standards is accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization.

This ANSI/CAN/UL/ULC 1390 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Annex A, identified as Normative, forms a mandatory part of this Standard.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This joint American National Standard and National Standard of Canada is based on, and now supersedes, the Fourth Edition of CAN/ULC 628:2022.

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

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This Edition of the Standard has been formally approved by the Technical Committee (TC) on Solid Fuel Appliances, TC 127.

This list represents the TC 127 membership when the final text in this Standard was balloted. Since that time, changes in the membership may have occurred.

TC 127 Membership

Name	Representing	Interest Category	Region
E. Adair	Hearth Patio & Barbecue Association	Producer	USA
J. Brania	UL Solutions	Testing & Standard Org	USA
I. Brodzinski	UL Standards & Engagement	TC Project Manager	USA
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N. Dawe	County Of Cobb	Authorities Having Jurisdiction / Regulator	USA
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D. Freeman	Freeman Fire Inspectors, Ltd.	Commercial / Industrial User	USA
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J. Voorhees	United States Stove Company	Producer	USA
L. Werner	UL Standards & Engagement	TC Chair	Canada
B. Ziegler	Intertek Testing Services	Testing & Standard Org	USA

International Classification for Standards (ICS): 91.060.40; 91.140.99; 97.100.30

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This Standard is intended to be used for conformity assessment.

The intended primary application of this Standard is stated in its scope. It is important to note that it remains the responsibility of the user of the standard to judge its suitability for this particular application.

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INTRODUCTION

1 Scope

1.1 These requirements cover solid-fuel burning fireplace inserts or hearth-mounted stoves intended to be vented through the throat or damper area of a masonry fireplace and masonry or factory-built chimney system. The appliances may be installed into new masonry fireplaces, or masonry fireplaces that have been operated for some time, i.e., in these cases the fireplace insert or hearth-mounted stove installations are retrofits.

1.2 Requirements for masonry fireplaces equipped with factory-built chimneys are provided in Annex A.

1.3 The requirements include testing with a continuous chimney liner from the appliance collar to the point of termination.

1.4 This standard addresses fireplace inserts or hearth-mounted stoves that may also incorporate catalytic combustors and/or secondary combustion systems.

1.5 Fireplace inserts or hearth-mounted stoves as covered by this standard are intended for installation in masonry fireplaces that comply with the requirements of applicable regulatory Codes.

1.6 Fireplace inserts and hearth-mounted stoves as covered by this standard are not intended for installation into factory-built fireplaces within the scope of:

a) In Canada, ULC 610, Standard for Factory-Built Fireplace Systems;

b) In the United States, UL 127, Standard for Factory-Built Fireplaces;

nor in steel liner assemblies within the scope of:

c) In Canada, ULC S639, Standard for Steel Liner Assemblies for Solid-Fuel Burning Masonry Fireplaces;

d) In the United States, UL 907, Standard for Fireplace Accessories;

nor in artificial fireplaces, or similar appliances (e.g., a tubular grate).

1.7 This Standard does not cover free-standing solid-fuel space heaters. Refer to:

a) In Canada, ULC S627, Standard for Space Heaters for Use with Solid Fuels;

b) In the United States, UL 1482, Standard for Solid-Fuel Type Room Heaters;

for the applicable requirements.

1.8 The appliances covered by this Standard are intended for installation and use in accordance with the applicable Codes and Regulations as determined by the Authority Having Jurisdiction (AHJ), such as:

a) In Canada:

1) The National Building Code of Canada; or

2) CSA B365 Series, Installation code for solid-fuel-burning appliances and equipment;

b) In the United States:

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