



UL 791

STANDARD FOR SAFETY

Residential Incinerators

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UL Standard for Safety for Residential Incinerators, UL 791

Fifth Edition, Dated November 10, 2006

Summary of Topics

This revision to UL 791 dated February 25, 2021 includes the addition of requirements for gas-fired incinerating toilets; [4.24A](#) and Section [49A](#)

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 and revised requirements are substantially in accordance with Proposal(s) on this subject dated August 16, 2019, September 18, 2020 and December 18, 2020.

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Fifth Edition

November 10, 2006

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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 apply to direct-fed incinerators, including those of the gas and electric ignition types, designed primarily for use in one-and two-family dwellings for the burning of ordinary combustible waste materials and garbage incidental to domestic occupancy and having a firebox or charging compartment of not over 5 cubic feet capacity.

1.2 Incinerators of this type may also be employed in other occupancies including commercial establishments and institutions where the refuse is of a character for which the incinerator is designed and is not excessive in amount. They are not intended for use in spaces in which flammable vapor or gases may be present.

1.3 Incinerators covered by these requirements are the factory-made type not requiring field construction, and are designed for inside use. These requirements do not cover an incinerator that requires the use of a brick or masonry wall, etc., which forms a part of the building structure, or requires masonry work at the site to complete the incineration chamber.

1.4 *Deleted*

1.5 A product that contains features, characteristics, components, materials, or systems new or different from those in use when the standard was developed, 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 as determined necessary to maintain the level of safety for the user of the product as originally anticipated by the intent of this standard.

2 Components

2.1 A component of a domestic-type incinerator shall comply with the requirements for that component, except that such requirements may be modified if appropriate for the particular application.

3 Units of Measurement

3.1 If a value for measurement is followed by a value in other units in parentheses, the second value may be only approximate. The first stated value is the requirement.

4 Glossary

4.1 AIR SHUTTER – An adjustable device for varying the size of the air inlet or inlets.

4.2 APPLIANCE FLUE – The flue passages within the appliance.

4.3 ASH – The solid residue remaining after combustion or incineration has been completed.

4.4 ASH PIT DOOR – A door below the grate level used for removing ash or other noncombustibles from the appliance.

4.5 BAFFLE – An object placed in an appliance to direct or retard the flow of air or flue gases.

4.6 BASE – The main supporting frame or structure of an assembly.