



UL 1727

STANDARD FOR SAFETY

Commercial Electric Personal Grooming Appliances

UL Standard for Safety for Commercial Electric Personal Grooming Appliances, UL 1727

Fifth Edition, Dated May 21, 2012

Summary of Topics

This revision of ANSI/UL 1727 dated June 24, 2021 includes the addition of cord tags evaluated to UL 969A; [68.1.1](#), [79.9.2](#), [79.9.4](#), [79.10.2](#) and [79.10.4](#).

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 May 21, 2021.

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Standard for Commercial Electric Personal Grooming Appliances

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Fifth Edition

May 21, 2012

This ANSI/UL Standard for Safety consists of the Fifth Edition including revisions through June 24, 2021.

The most recent designation of ANSI/UL 1727 as an American National Standard (ANSI) occurred on June 24, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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INTRODUCTION

1 Scope

1.1 These requirements cover electric personal grooming appliances intended for use by qualified personnel in commercial establishments such as beauty parlors, barber shops, or cosmetic studios. These appliances include hair curlers and dryers, combs, brushes, and similar appliances that are to be employed in accordance with the National Electrical Code, ANSI/NFPA 70.

1.2 These requirements do not cover therapeutic lamps, diathermy equipment, massage machines, vibrators, hair clippers, shavers, facial caps, masks, mitts, or other appliances covered by other requirements such as in the Standard for Medical Electrical Equipment, Part 1: General Requirements for Safety, UL 60601-1. These requirements also do not cover hair curlers or dryers rated at more than 250 volts.

2 Units of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

2.2 Unless otherwise indicated, all voltage and current values mentioned in this standard are root-mean-square (rms).

3 Undated References

3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4 Glossary

4.1 For the purpose of this standard the following definitions apply.

4.2 **APPLIANCE COUPLER** – A single-outlet, female contact device for attachment to a flexible cord as part of a detachable power-supply cord to be connected to an appliance inlet (motor attachment plug).

4.3 **APPLIANCE INLET (MOTOR ATTACHMENT PLUG)** – A male contact device mounted on an end product appliance to provide an integral blade configuration for the connection of an appliance coupler or cord connector.

4.4 **APPLIANCE (FLATIRON) PLUG** – An appliance coupler type of device having a cord guard and a slot configuration specified for use with heating or cooking appliances.

4.5 **AUTOMATIC CONTROL** – A device intended for automatic control of operating time, temperature, or pressure under conditions of intended operation and not for protection against conditions resulting from abnormal operations.

4.6 **AUTOMATICALLY CONTROLLED APPLIANCE** – An appliance is considered to be automatically controlled if it complies with one or more of the following conditions:

- a) The repeated starting of the appliance is independent of any manual control if, after one complete cycle of operation, a limit device or similar device opens the circuit.
- b) During any single preset cycle of operation, the motor is caused to stop and restart.