



APPLIANCES

These product category descriptions are to be used in conjunction with the “Overview of ARL’s Listing, Labeling and Follow-Up Inspection Services” (LSc001) which details ARL’s system requirements for obtaining a listed product certification.

This includes the following subcategories:

- **Motor Operated Appliances**
- **Commercial Electric Cooking Appliances**

Motor Operated Appliances

The products listed here are small utilization appliances rated 600 volts or less or appliances employing a universal motor rated 250 volts or less.

Requirements for this category of products **do not** include equipment particularly for the control of electric motors; separate motors; nor electric clocks, fans, clothes dryers, washing machines, hair dryers, tools, waste disposers, dishwashers, office appliances and business equipment, refrigerators, air conditioners, vending and amusement machines, hair clippers and shavers, snow movers, or other motor operated appliances that are covered by individual requirements.

An appliance that utilizes some other source of energy, such as gas or steam, in addition to electric energy has been investigated under these requirements and under such additional requirements as applicable to the individual product.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style or model designation, date code, electrical ratings, electrical hazard warnings, and other markings as required for specific applications.

These products comply with ARL requirements which include pertinent sections of the **Standard for Safety, ANSI/UL 73, Motor-Operated Appliances**, and are intended to be installed or employed in accordance with the National Electrical Code ANSI/NFPA 70. In addition, if so designated on the Listing Mark, products have been investigated in accordance with CSA C22.2 No. 68, Motor Operated Appliances (Household and Commercial) and CSA C22.2 No. 88, Industrial Heating Equipment.

Commercial Electric Cooking Appliances

The products listed here are electrically energized cooking appliances intended for use in commercial kitchens, restaurants or other business establishments where food is dispensed. The listings include coffee makers, conductive cookers, food warmers, fryers, griddles, steam kettles, steam cookers, nut warmers, popcorn machines, ranges, utensil warmers and other similar commercial food preparing and cooking appliances.

The requirements for this category **do not** cover vending machines, cooking appliances intended for household use, commercial cooking appliances rated more than 600 volts, or microwave cooking appliances.

An appliance designed so that it can be mounted and supported at an outlet box, such as a food warmer, has been judged on the basis of compliance with the requirements for this category and with the mounting and weight requirements for electric lighting fixtures.

An appliance that also utilizes heat produced by a means other than electrical, for example, coal, gas, or oil, has been investigated with respect to such additional risk of fire. Gas fired appliances may utilize natural gas, manufactured gas, mixed gas, propane gas, liquefied petroleum gases, or LP gas / air mixtures.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, minimum clearances to combustible materials and other fire hazard and cautionary warnings as applicable.

These products are rated 600 volts or less and comply with ARL requirements which include pertinent sections of the **Standard for Safety, ANSI/UL 197, Commercial Electric Cooking Appliances**. They are intended for installation in accordance with the National Electrical Code, ANSI/NFPA 70 and/or the National Fuel Gas Code, ANSI Z223.1/NFPA 54.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.