



## ELECTRIC FANS

This product category description is 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:*

- **Electric Fans**

### Electric Fans

The products covered here are electric fans for use in non-hazardous locations and include:

- Fans and blowers that circulate air, such as desk, ceiling-suspended, and hassock fans;
- Fans and blowers that ventilate air, such as attic, whole-house window, through wall, and direct discharge fans;
- Ducted fans and blowers that exhaust air to the outside of a building structure, such as in-line, wall insert and ceiling insert fans;
- Dryer type fans used for drying carpets or floors;
- Commercial display blowers;
- Evaporative coolers;
- Evaporative cooler replacement pumps;
- Air-filtering appliances;
- Component fans;
- Residential cooking area fans, such as rangehoods and downdrafts (electric only);
- Hand dryers without heater; and
- Recirculating and blending units (except fans intended to move heated or conditioned air).

These products are rated 480V or less.

The requirements for this category do not cover:

- Products with voltage ratings higher than 480V, 3-phase;
- Products intended for use in hazardous locations;
- Products intended for use in gas appliances, such as rangehoods, ranges, etc.
- Equipment intended for use in recreational vehicles (RV’s);
- Equipment for use in agricultural buildings;
- Toilet bowl fans that have a thermoplastic enclosure to which a motor, a wiring compartment or the like is secured by screws such that thermoplastic material is under load; and
- Downdraft fans intended for use over a gas range.

These products comply with ARL requirements which include pertinent sections of the **Standard for Safety, ANSI/UL 507, Electric Fans**. The products are intended for installation in accordance with the National Electrical Code, ANSI/NFPA 70.

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

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A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this Standard, and that involve 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 acceptable level of safety as originally anticipated by the intent of this Standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this Standard cannot be judged to comply with this Standard. Where considered appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this Standard.

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