

## STANDARD INFORMATION

**Standard:** UL 507

**Standard ID:** Electric Fans [UL 507:2017 Ed.10+R:24Aug2023]

**Previous Standard ID:** Electric Fans [UL 507:2017 Ed.10+R:22Jun2022]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **August 24, 2026**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

**Overview of Changes:** Remote safety software update requirements. Specific details of new/revised requirements are found in table below.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
Supplement SA	Info	<b>Smart Enabled Electric Fans</b>
SA2	Info	<b>General</b>
SA2.7		<b><i>New section added;</i></b> <b>Remote safety software updates</b>
SA2.7.1		The requirements in SA2.7.2 – SA2.7.5 apply when the fans have software related to protective functions and the functionality to remotely update this software.  Note 1: The term “software” is used in the following requirements to refer to both what are commonly considered “firmware” or “software”. Note 2: An update occurs when software replaces or modifies the previous version. Additionally, an update occurs when the same version software is replaced during the remote update process.
SA2.7.2		The software related to protective functions and intended to be updated, shall comply with the Standard for Automatic Electronic Controls – Part 1: General Requirements, UL 60730-1 Clause H.11.12, Controls Using Software, or other requirements directly applicable to software as contained in this Standard.
SA2.7.3		The remotely actuated control function, including the software update function, shall comply with the Standard for Automatic Electronic Controls – Part 1: General Requirements, UL 60730-1 Clause H.11.12.4, Remotely Actuated Control Functions. With respect to transmission faults, Note 1 of Clause H.11.12.4.1.3.1, Transmission, is considered normative.
SA2.7.4		User authorization is required prior to any remote update of software related to protective functions. This will be evaluated in accordance with the Standard for Automatic Electronic Controls – Part 1: General Requirements, UL 60730-1, Clause H.11.12.4.4.3.  Note: User authorization can be a one-time event. This one-time event may be when the consumer registers their appliance with the manufacturer, or downloads the application needed to remotely operate the appliance on their smart device (e.g. cell phone, tablet, etc.).
SA2.7.5		The remote update of software shall occur when the fans are in a ready-state, that is, with all loads de-energized.