

ESA Temporarily Permitting Sale and Use of Heat Alarms Certified to US standard ANSI/UL 539 Eighth Edition

Background:

Information received by ESA from the Ontario Fire Service and data provided by the Ontario Fire Marshall's office indicated that between 2013 and 2022 fires in attached garages resulted in 22 fatalities and 293 injuries where the area of origin was in an attached garage. The installation of multi-station heat alarms (for example - Kidde Model HD135F, BRK Model HD6135FB) in the attached garage of a residential house can potentially alert the house occupants if there is a fire in the garage to exit the house in a timely and safe manner. These alarms can be directly connected to the home smoke alarm system so that any fire in the attached garage will trigger the smoke alarm in the home.

Rationale:

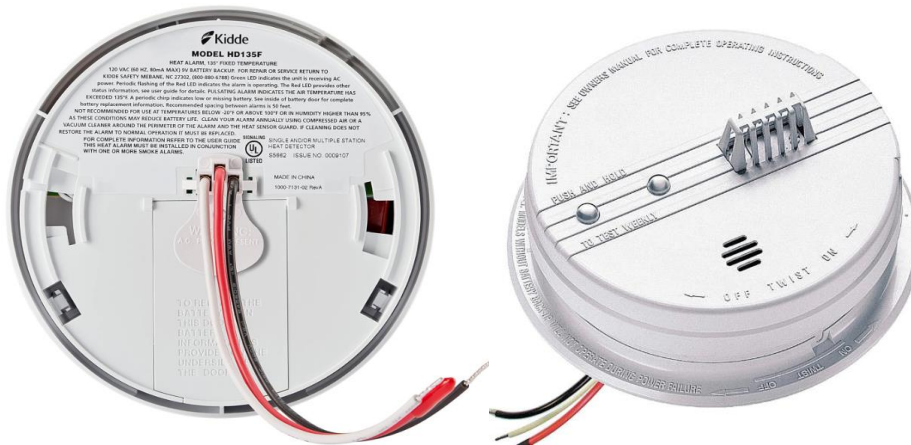
A Canadian standard CAN/ULC 589, Single and Multiple Station Heat Alarms issued in June 23, 2022 is available for manufacturers to use immediately to certify new or previously certified products on a voluntarily basis. Products certified to an older Canadian standard have until February 18, 2028, to comply with the CAN/ULC 589 standard. Currently, there are no products certified to the Canadian requirements that ESA is aware of, that can be interconnected directly to smoke alarms. The US standard ANSI/UL 539 8th edition used to certify the products has similar requirements to the existing Canadian standard.

Direction:

Presently, it is not clear when Canadian certified heat alarms will be available in the marketplace. As such, ESA will allow the sale of the US approved heat alarms for a period of two (2) years, (effective from the date of publication of this notice) and will review the availability of products in Ontario. At that time, ESA will reassess to either withdraw the notice or extend based on the product availability.

Example:

Kidde Model HD135F



BRK Model HD6135FB

