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Third Edition of CAN/ULC-S531

STANDARD ON SMOKE ALARMS

ULC Standards is pleased to announce the release of the Third Edition of CAN/ULC-S531-14, Standard on Smoke Alarms. This Standard has been approved by the ULC Committee on Fire Alarm and Life Safety Systems and has been published under the date of February 2014.

CAN/ULC-S531-14 will be of interest to anyone who manufactures, distributes, uses, regulates or inspects smoke alarms.

This Standard contains requirements for electrically operated single and multiple station smoke alarms intended for open area protection in indoor locations, in accordance with Installation of Smoke Alarms, CAN/ULC-S553; National Building Code of Canada; and National Fire Code of Canada. CAN/ULC-S531-14 evaluates both Single & Multiple station smoke alarms (e.g. ionization-type, photoelectric-type, smoke alarm with supplementary heat detection type, combination smoke type, multi-criteria type), and this Third Edition has been enhanced to specifically define and differentiate on Single & Multiple Station Smoke alarms and provides clarity on what devices are not covered by the Standard.

The Third Edition contains enhanced test methodology and acceptance criteria through the addition of expanded Informative Annexes (6 in this Edition). These additional Annexes will provide manufacturers with more detailed acceptance methods and criteria for a more consistent product testing so as to ensure a more reliable device. CAN/ULC-S531-14 also provides for improved Smoke Alarms by way of updated Testing requirements including requirements specific to Multi-Criteria Smoke Alarms which include supplemental functions such as CO gas detection and unique alerting capabilities. Further changes in this Edition include requirements specific to the gas sensor, Sensitivity & Velocity-sensitivity tests and In-Service Reliability testing.

Technology is moving at a rapid pace and even Smoke Alarms are not immune to innovations and advancements and CAN/ULC-S531-14 embraces this through their inclusion. This Edition of the Standard includes such new areas as Automatic Drift Compensation for Smoke Sensing comprising compensation parameters & requirements, alerting methods and sensitivity requirements. Also, there are provisions for Smoke Alarms to indicate end of life with unique signalling requirement and Reliability Prediction requirements for compliance of Wireless Alarms. Along with these changes, the Standard, where applicable, also covers all remote accessories that are to be connected.

Should you require any additional information, please contact Valara Davis at (919) 549-0921 or email: Valara.Davis@ul.com.

This Third Edition Standard can be ordered for \$294.00 (hard copy) or \$245.00 CAD (PDF) through our website at www.ul.com/canada and selecting *ULC Standards*. Once at the *ULC Standards* page, select *Sale of ULC Standards Materials*.

Yours truly,



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