



UL 217 8th Edition. What You Need to Know.

What?

Manufacturing Standard

An update to the UL standard for smoke alarm devices will go into effect for all manufacturers of smoke and combination smoke/CO alarms

Status?

On Track

First Alert/BRK has successfully met the requirements of the prior six editions and is fully on track to comply with the new UL 217 8th edition standard requirements for both photo and ion sensing technologies.



June 30, 2024 **implementation date**

All finished product inventory manufactured before June 30, 2024 can continue to be sold

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Why?

Change in Fire Dynamics in the Home

- Escape times in home fires have decreased over the last 40 years.
 - 1978: Approx. 17 min
 - 2018: Approx. 3 min
- According to UL, newer synthetic materials in the home, more open layouts and lighter construction materials all burn hotter and faster
- Research led industry experts and UL to create new performance requirements for certain types of flammable material fires

Nuisance Alarms

- According to the National Fire Protection Association (NFPA), nuisance alarms are a leading reason for disconnected smoke alarms
- UL conducted research leading to new test requirements for nuisance alarms