



---- **FAYETTE COUNTY BUILDING DEPARTMENT** ----

121 E. East Street - Washington C.H., Ohio 43160 P (740) 335.2212 F (740) 335.6644
Fayette County Website www.fayette-co-oh.com



Residential Smoke & Carbon Monoxide Alarms
2019 RESIDENTIAL CODE OF OHIO, SECTION 314 & 315

This summary of information is being provided as a courtesy to assist with installing smoke and carbon monoxide alarms in residential dwelling units. Described are the minimum required standards from the 2019 Residential Code of Ohio and do not include all code requirements.

General Requirements for Smoke Alarms

1. Smoke alarms shall be listed and labeled in accordance with UL 217 and installed per manufacturers installation instructions.
2. Smoke alarms utilizing photoelectric and ionization technologies shall be installed on each level within a dwelling unit. Separate or dual sensing smoke alarms may be used.
3. A dwelling unit shall provide appropriate smoke alarms be added when a new sleeping room(s) is added, altered, or repaired, and on all levels of newly added, altered, or repaired stories of dwelling units.
4. Smoke alarms located outside each separate sleeping area shall utilize photoelectric technology.
5. Smoke alarms shall be installed in each sleeping room, outside each separate sleeping area, and with a minimum of 1 alarm on each story of the dwelling unit including a basement.
6. Unless unavoidable, smoke alarms locations are restricted less than 3' from the door opening to a bathroom containing a tub or shower and within 20' of permanently installed cooking equipment. Contact building department for restriction limitations.
7. Smoke alarms shall be interconnected such that actuation of one alarm activates all alarms.
8. Smoke alarms shall receive their primary power from the building wiring and when primary power is interrupted it shall receive power from a battery.
9. Combination carbon monoxide and smoke alarms may be used.

General Requirements for Carbon Monoxide Alarms

1. Carbon monoxide alarms shall be listed and labeled in accordance with UL 2034 and installed per manufacturers installation instructions.
2. Carbon monoxide alarms are required when a new dwelling unit contains a fuel-fired appliance or has an attached garage.
3. Additions, alterations, or repairs to a dwelling unit require carbon monoxide alarms be added when a new sleeping room, garage, or fuel-fired appliance is added, altered, or repaired.
4. Carbon monoxide alarms shall be installed outside each separate sleeping area or within bedrooms when a fuel-burning appliance is located within a bedroom or its attached bathroom.
5. Combination carbon monoxide and smoke alarms may be used.