

# West Springfield Fire Department

44 Van Deene Avenue  
West Springfield, MA 01089  
P. 413-263-3384 F. 413-736-0087

## Typical one- and two-family residences built before January 1, 1975:

### ■ Smoke alarms are required as follows:

- On every habitable level of the residence.
- In the basement.
- On the ceiling at the base of each stairway leading to a floor above including the basement (but not within stairways).
- On the ceiling outside each separate sleeping area.
- Must be photoelectric. (Can be in combination with ionization or carbon monoxide.)
- May be battery-powered, hardwired, or a combination of both.
- Smoke alarms cannot be more than 10 years old or exceed the manufacturer's recommended life, whichever comes first.
- In two-family dwellings, smoke alarms are required in common areas shared by residents.

### ■ New or Replacement alarms:

- Must be photoelectric. (Can be in combination with ionization or carbon monoxide.)
- Must contain a hush feature to silence nuisance alarms.
- Battery-powered alarms must have 10-year, sealed, non-rechargeable, non-replaceable batteries.

### ■ Carbon monoxide alarms are required as follows:

- On every level of the residence, including habitable portions of basements and attics and must be located within 10 feet of each bedroom door.
- Combination alarms (photoelectric smoke and carbon monoxide alarm) may be used.
- Combination alarms must have both a tone and simulated voice alarm to distinguish the type of emergency.
- May be either: battery powered, plug-in with battery backup, hardwired with battery backup, or system type.
- Follow the manufacturer's instructions for placement.

# West Springfield Fire Department

44 Van Deene Avenue

West Springfield, MA 01089

P. 413-263-3384 F. 413-736-0087

## **Typical one- and two-family residences permitted after 1975 and prior to August 27, 1997:**

### ■ **Smoke alarms are required as follows:**

- One smoke alarm on every habitable level of the residence.
- One smoke alarm on the ceiling at the base of each stairway.
- One smoke alarm on the ceiling outside of each separate sleeping area.
- A minimum of one smoke alarm must be installed for every 1,200 square feet of living space per level.
- Must be hardwired interconnected smoke alarms.

### ■ **Carbon monoxide alarms are required as follows:**

- On every level of the residence, including habitable portions of basements and attics and must be located within 10 feet of each bedroom door.
- Combination alarms (photoelectric smoke and carbon monoxide alarm) may be used anywhere.
- Combination alarms (ionization smoke and carbon monoxide alarm) may be used if the alarm is more than 20 feet from a kitchen or bathroom (containing a bathtub or shower).
- Combination alarms must have both a tone and simulated voice alarm to distinguish the type of emergency.
- May be either: battery powered, plug-in with battery backup, hardwired with battery backup, or system type.
- Follow the manufacturer's instructions for placement.

# West Springfield Fire Department

44 Van Deene Avenue

West Springfield, MA 01089

P. 413-263-3384 F. 413-736-0087

## **Typical one- and two-family residences permitted after August 27, 1997 and prior to January 1, 2008:**

### ■ **Smoke alarms are required as follows:**

- One smoke alarm on every habitable level of the residence.
- One smoke alarm at the base of each stairway.
- One smoke alarm outside of each separate sleeping area.
- One smoke alarm inside every bedroom.
- A minimum of one smoke alarm must be installed for every 1,200 square feet of living space per level.
- Must be hardwired and interconnected smoke alarms with battery backup.
- If the smoke alarm is within 20 feet of a kitchen or bathroom (containing a bathtub or shower), the smoke alarm is required to be a photoelectric alarm.

### ■ **Carbon monoxide alarms are required as follows:**

- On every level of the residence, including habitable portions of basements and attics and must be located within 10 feet of each bedroom door.
- Combination alarms (photoelectric smoke and carbon monoxide alarm) may be used anywhere.
- Combination alarms (ionization smoke and carbon monoxide alarm) may be used if the alarm is more than 20 feet from a kitchen or bathroom (containing a bathtub or shower).
- Combination alarms must have both a tone and simulated voice alarm to distinguish the type of emergency.
- May be either: battery powered, plug-in with battery backup, hardwired with battery backup, or system type.
- Follow the manufacturer's instructions for placement.

# West Springfield Fire Department

44 Van Deene Avenue  
West Springfield, MA 01089  
P. 413-263-3384 F. 413-736-0087

## Typical one- and two-family residences permitted on or after January 1, 2008 and prior to February 4, 2011:

### ■ Smoke alarms are required as follows:

- One smoke alarm on every habitable level of the residence.
- One smoke alarm at the base of each stairway.
- One smoke alarm outside of each separate sleeping area.
- One smoke alarm inside every bedroom.
- A minimum of one smoke alarm must be installed for every 1,200 square feet of living space per level.
- Must be hardwired and interconnected smoke alarms with battery backup.
- If the smoke alarm is within 20 feet of a kitchen or bathroom (containing a bathtub or shower), the smoke alarm is required to be a photoelectric alarm.
- If the smoke alarm is more than 20 feet from a kitchen or a bathroom (containing a bathtub or shower), the smoke alarm is required to be either a photoelectric alarm or a dual alarm (containing both ionization and photoelectric technologies).

### ■ Carbon monoxide alarms are required as follows:

- On every level of the residence, including habitable portions of basements and attics and located within 10 feet of each bedroom door.
- Combination alarms (photoelectric smoke and carbon monoxide alarm) may be used.
- Must be hardwired and interconnected with battery backup. (May be separately wired from the existing smoke detection system.)
- Follow the manufacturer's instructions for placement.

### ■ Heat alarms are required as follows:

- Must have a single heat alarm in any garage attached to or under the residence.
- Must be hardwired and interconnected with or without battery backup to the existing smoke detection system.
- Heat alarms are not required in garages of older homes unless renovation, addition or modification occurs after Jan. 1, 2008.

# West Springfield Fire Department

44 Van Deene Avenue  
West Springfield, MA 01089  
P. 413-263-3384 F. 413-736-0087

## Typical one- and two-family residences permitted on or after February 4, 2011:

### ■ Smoke alarms are required as follows:

- One smoke alarm on every habitable level of the residence.
- One smoke alarm at the base of each stairway.
- One smoke alarm outside of each separate sleeping area.
- One smoke alarm inside every sleeping area.
- A minimum of one smoke alarm must be installed for every 1,200 square feet of living space per level.
- Must be hardwired and interconnected with battery backup.
- All smoke alarms must be photoelectric.

### ■ Carbon monoxide alarms are required as follows:

- On every level of the residence, including basements and habitable portions of attics, and must be located within 10 feet of each bedroom door.
- Combination alarms (photoelectric smoke and carbon monoxide alarm) may be used.
- Must be hardwired and interconnected with battery backup. (May be separately wired from the existing smoke detection system.)

### ■ Heat alarms are required as follows:

- Must have a single heat alarm in any garage attached to or under the residence.
- Must be hardwired and interconnected with or without battery backup to the existing smoke detection system.
- Heat alarms are not required in garages of older homes unless renovation, addition or modification occurs after Jan. 1, 2008.