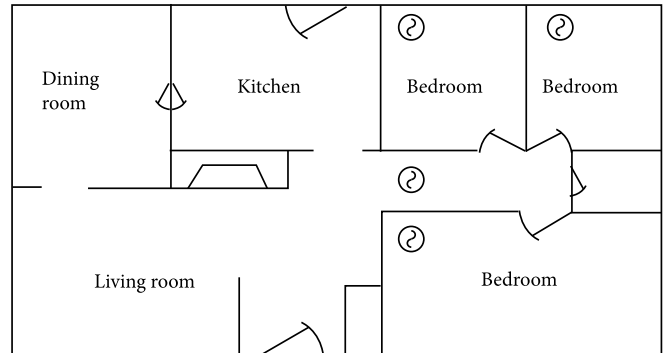
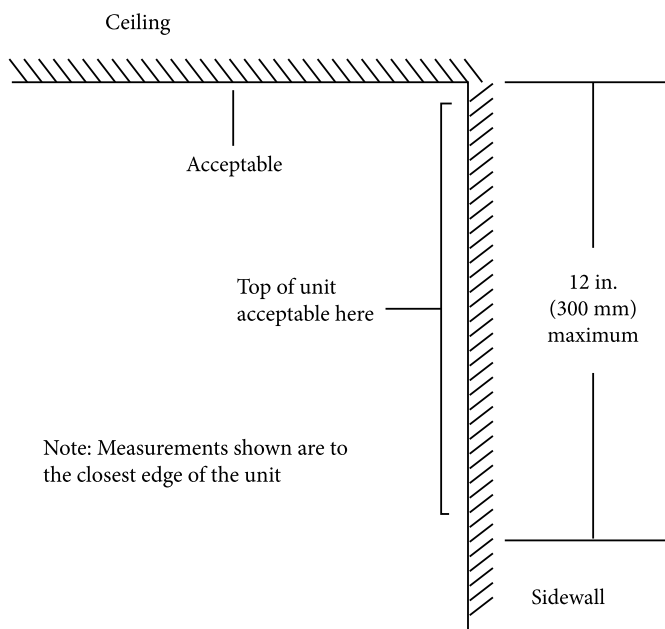


Smoke Alarm Installation and Maintenance

Alarm Placement

Smoke alarms should be installed according to NFPA 72 and the manufacturer's instructions. Heat and smoke rise, so smoke alarms should be installed on the ceiling or high on a wall to detect the first traces of smoke.

If a room has a pitched (slanted) ceiling, mount the unit near the ceiling's highest point, 4 to 12 inches (10 to 30.5 centimeters) away from the wall. If the room has an A-frame ceiling, mount the unit at least 4 to 12 inches (10 to 30.5 centimeters) away from the peak.



Wall-mounted smoke alarms should be installed so that the top of the alarm is not more than 12 inches (30.5 centimeters) from the ceiling.

Install basement smoke alarms close to the bottom of the stairs. Don't install an alarm at the top of basement stairs; dead air trapped near the closed door could prevent smoke from reaching the unit.

Some household environments can cause nuisance alarms or interfere with a smoke alarm's operation. Avoid placing alarms near a cooking appliance, a dusty area, a shower, or any area where the temperature drops below 40°F (4.5°C) or rises above 110°F (43°C).

Cooking fumes, steam, and automobile exhaust can result in nuisance alarms. Do not install alarms in bathrooms, kitchens, garages, attics, or unheated areas or near recessed ceiling areas, ceiling fans, furnaces, or furnace vents. Place alarms at least 3 feet (0.9 meter) horizontally from bathroom doors.

It's a good idea to have an experienced installer available, if possible, while your volunteers are in the field. Give volunteers a phone number to call your expert for advice on installation problems.

